



2016

PRODUCT CATALOG

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AUTOMOTIVE & SMALL ENGINE



1 Shure® Mobile Tear Down Bench
Page 73 | Stk. 795222
\$1,667.00

2 Small Engine Tool Cabinet with Tools
Page 81 | Stk. 559114
\$6,795.00

3 Greene Mfg. Mobile Work Bench
Page 72 | Stk. 433669
\$2,237.00

4 Craftsman® Industrial 7000 Series Tool Chest
Page 233 | Stk. 305615
\$3,175.00

5 Craftsman® Industrial 3000 Series Tool Chest
Page 232 | Stk. 305621
\$453.00

6 Briggs & Stratton® Advanced Engine Training Kit
Page 483 | Stk. 203175
\$9,384.00

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CATALOG SECTIONS

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- 5** Mail P.O. Box 3717, Sioux City, IA 51102

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NEW PRODUCTS

Kreg Automaxx™ 24" Bar Clamp

Page 141 | Stk. 793915
\$46.50



Revell 1969 Camaro Z/28 Model Kit

Page 26 | Stk. 688690
\$23.70



Pinewood Derby® Car

Page 28 | Stk. 688840
\$17.30



Greene 4-Station Gas Welding Table

Page 461 | Stk. 433640
\$3,503.00



V-8 Engine Model Kit

Page 25 | Stk. 688700
\$72.90



Rikon 8" Benchtop Drill Press

Page 333 | Stk. 694170
\$188.00



Chaney Solder Activity Kit, 24-Students

Page 54 | Stk. 300958
\$135.00



Coats® Vero Series™ V200 Wheel Balancer

Page 508 | Stk. 558221
\$7,999.00



Miller LiveArc™ Welding Performance Management System

Page 443 | Stk. 566325
\$44,640.00

**FEATURED
PRODUCT**



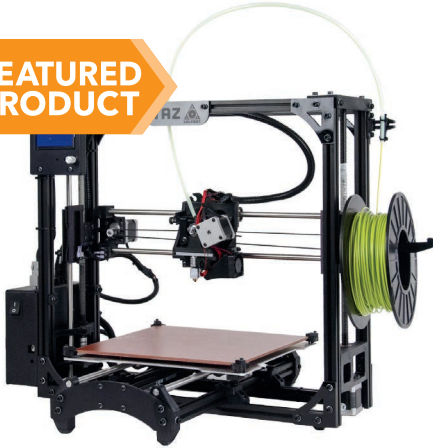
Powermatic 20" Band Saw

Page 342 | Stk. 656693
\$6,006.00



3D PRINTING

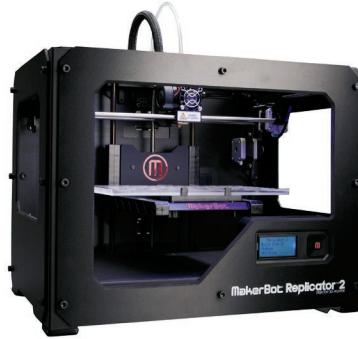
FEATURED
PRODUCT



LulzBot TAZ 5 3D Printer

The TAZ is a versatile, high-performance desktop 3D printer that respects your freedom to create. Merging technical expertise with design sensibilities, TAZ is engineered for quality.

Page 10 | Stk. 510701
\$2,200.00



MakerBot® Replicator 2X 3D Printer

Equipped with two extruders & optimized for ABS filament, the MakerBot Replicator 2X is prepared for future developments in 3D printing.

Page 13 | Stk. 512804
\$2,499.00



Afinia H480 3D Printer

3D Printer comes fully assembled with easy to install software for both the PC & Mac. 3D Printer can prototype a part or model that is up to 5" cubed in dimensions.

Page 9 | Stk. 190302
\$1,299.00



LulzBot Mini 3D Printer

The LulzBot Mini boasts proven technology & gives you the ability to use the latest new materials & software in the 3D printing industry.

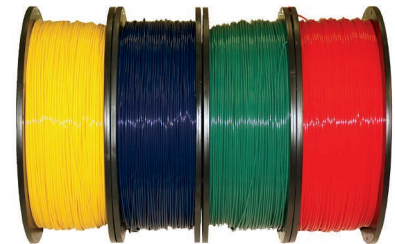
Page 10 | Stk. 510710
\$1,350.00



Afinia H800 3D Printer

H-Series 3D Printer provides a true "Out-of-the-Box 3D Printing Experience". 3D Printer comes fully assembled with easy to install software for both the PC & Mac.

Page 9 | Stk. 190320
\$1,899.00



PLA & ABS Filament

Shop our wide selection of filament in a rainbow of colors.

Pages 9-13

FABRICATION EQUIPMENT



Roland CAMM-1 Desktop Vinyl Cutter

Ideal for schools, this easy-to-use, affordable, versatile vinyl cutter, produces colorful vinyl graphics.

Page 45 | Stk. 769598
\$1,956.00



FEATURED
PRODUCT

Miller XMT® 304 CC/CV Multiprocess Welder

The multiprocess welder combines the advantages of inverter-based power with the built-in features & productivity of high-end MIG machines.

Page 449 | Stk. 567027
\$3,581.00



JET 7" x 12" Horizontal/Vertical Band Saw

Metalworking band saw has everything any operator needs to tackle even the toughest job.

Page 432 | Stk. 485807
\$1,484.00



Full Spectrum Desktop Laser Cutter & Engraver

This compact desktop CO2 laser cutter is capable of cutting 1/4" acrylic & 1/4" wood as well as marking anodized aluminum, glass, marble/granite & ThermoMark treated metals.

Page 15 | Stk. 416150
\$3,499.00



General CNC® Machine

Great for carvings on furniture, woodwork, doors & cabinets, plus 2D & 3D carved wooden signage.

Page 14 | Stk. 420865
\$7,464.00



Di-Acro 24" Finger Brake

Finger brake lends versatility & accuracy to the forming of angles, channels, flanges, "Vees" & box parts with speed & precision.

Page 406 | Stk. 325675
\$4,935.00

FURNITURE & STORAGE



Shain Stainless Steel Table

National Safety Foundation certified stainless steel table with galvanized steel legs & under-shelf.

Page 88 | Stk. 155084

\$370.00



Hann STEM Robotics Workstation

This workbench with shelves is a great centerpiece for any robotics program.

Page 66 | Stk. 439405

\$1,620.00



Durham Heavy-Duty Shelving

5-shelf extra heavy duty shelving unit holds 3,000 lbs. evenly distributed weight per shelf.

Page 107 | Stk. 345143

\$680.00

FEATURED
PRODUCT



Hann 8-Station Work Bench

This unit can serve as a training module or project center for up to eight students.

Page 66 | Stk. 439495

\$6,453.00

Tennsco Electronics Work Bench

Work bench features a panel leg construction with electrical outlet panel & riser, allowing for a variety of applications such as testing equipment & electronic component assembly.

Page 72 | Stk. 892611

\$535.00



Fleetwood Laptop Storage

High quality, rugged storage cart holds up to 12 laptops.

Page 100 | Stk. 407472

\$1,751.00



STEM KITS



K'NEX Exploring Wind & Water Energy

Build 6 renewable energy models, two at a time.

Page 42 | Stk. 498731
\$78.70



Fischertechnik Middle School STEM Lab

Energy, power & robotics lab program provides a standards-based curriculum involving inquiry, design & problem solving.

Page 40 | Stk. 406100
\$895.00



Bioloid STEM Standard Robot Kit

The kit comes with instructions for 7 example robots and 21 weeks of educational training.

Page 62 | Stk. 769103
\$349.00

PicoTurbine Solar Power Fun Racer

Ideal for learning the basics of solar cell technology & circuitry design.

Page 49 | Stk. 681536
\$25.60



littleBits Smart Home Kit

The Smart Home Kit can turn any household object into an internet-connected device.

Page 50 | Stk. 505115
\$262.00



Junior Tool Box Kits

Students will experience cutting & bending metal, as well as spot welding or use of pop rivets.

Page 403 | Stk. 232995
\$49.00



Model House Framing Kit

3/4" scale model house framing kit. Students construct their own hip roof house.

Page 35 | Stk. 478520
\$98.90



BUY IN QUANTITY & SAVE

Quantity Savings!

Look for this icon and **SAVE** when you buy in quantity!



Quantity Savings!

4-Student Butcher Block Wood Top

64"L x 54"D x 2-1/4"T

Page 69 | Stk. 128134

Each **\$786.00**

2+ **\$699.00**

Quantity Savings!

24"H Masonite Seat Stool

Colors: gray metallic, beige, black, brown or sand enamel finish.

Page 92 | Stk. 143268

Each **\$50.00**

12+ **\$46.00**



Quantity Savings!

4" x 24" Sanding Belt

Page 257 | Stk. 605442

Each **\$4.41**

10+ **\$3.70**



Quantity Savings!

Bib-Style Work Apron

28"W x 35"L

Page 122 | Stk. 885098

Each **\$8.25**

24+ **\$6.99**



Quantity Savings!

Monitor® Germicidal Eyewear Sanitizing Cabinet

22"H x 14"W x 9-1/4"L

Page 131 | Stk. 772684

Each **\$527.00**

3+ **\$475.00**



Quantity Savings!

Sebring® 400 Safety Glasses

Meets ANSI Z87.1+ standards.

Page 127 | Stk. 772689

Each **\$2.04**

24+ **\$1.84**



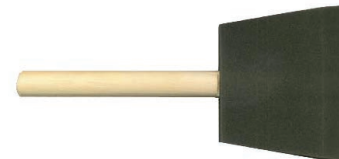
Quantity Savings!

Disposable Brush

Page 271 | Stk. 485604

Each **\$0.38**

48+ **\$0.31**



Quantity Savings!

CO2 Cartridge with Safety Weld Closure

Page 28 | Stk. 957923

Each **\$0.45**

100+ **\$0.39**



Quantity Savings!

Mousetrap

Page 26 | Stk. 543999

Each **\$0.76**

144+ **\$0.61**



Quantity Savings!

Birch Dowel Rods

48"L x 3/8" dia.

Page 210 | Stk. 474135

Each **\$1.60**

100+ **\$1.35**



3D PRINTERS



3Doodler 2.0 Handheld 3D Printer

3Doodler The 3Doodler is the world's first and best 3D printing pen that allows

you to draw in 3D by extruding heated plastic filament that cools almost instantly into a solid, stable structure. You'll be able to draw up into the air and create anything you can think of, whether it be a lamp shade, an architectural model, decorations, or even jewelry.

- Anodized aluminum casing
- LED notifies you when extruder is hot
- Manual temperature optimization
- Dual speed control
- Extrudes ABS or PLA plastic

3Doodler 3D Printer Includes pen, power adapter, cleaning tool, nozzle removal tool, mini screwdriver, maintenance cover, 50 strands of filament, quick start & user guide.

Stk.	Mfr.	Price
590500	3DOOD-V2-US	\$99.00

3Doodler 3D Printer Educational Bundle Includes 12 pens, 12 power adapters, 4 nozzle sets, 2 JetPacks, 12 Doodle stands, 6 cleaning tools, 6 nozzle removal tools, 12 mini screwdrivers & 1,200 strands of filament.

Stk.	Mfr.	Price
590501	3DOODV2EDUALLUS	\$1,000.00



Afinia H800 3D Printer

Afinia Printer comes fully assembled with easy-to-install software for both the PC and Mac. Printer can prototype a part or model, within .10mm accuracy, that has 30% of the strength of injection molded parts. Software features an easy-to-use interface for laying out, orienting, duplicating and scaling parts. Uses high-quality PLA and Premium 1.75mm ABS filament for 3D printing.

- Built-in HEPA filter removes microfine particles
- Fully-automated platform leveling & height sensing
- Ultra-fine 100-micron print resolution
- One button filament color changing
- Smart support material automatically created by software
- Easy filament spool loading
- Fully-enclosed system
- Mfr.'s 1-yr. limited warranty

Build Platform 10"W x 8"D x 8"H.

Size 19.1"W x 20.5"D x 19.5"H. Weight 55 lbs.

Includes USB cable, tool kit & 1 spool of natural/white premium ABS filament.

Please visit our web site for additional information.

Stk.	Mfr.	Price
190320	25169	\$1,899.00

Afinia H800 Extended Warranty

Afinia All Afinia H800 Printers include a 1-yr. mfr.'s warranty. The 1-yr. Extended Warranty, extends the life of your machine, trouble free, by covering it for unexpected parts and labor for an additional year. Warranty must be purchased within 30 days of printer shipment.

Stk.	Mfr.	Price
190321	25176	\$399.00



Afinia H480 3D Printer

Afinia Prototype a part or model that is up to 5" cubed in dimensions. The output is accurate to within .15 mm and has 30% of the strength of injection molded parts.

- Easy out-of-box setup & use
- Simple-to-install 3D software for PC & Mac
- Uses ABS plastic filament
- 1-yr. mfr.'s warranty

Build volume 5.5"W x 5.5"D x 5.3"H. Size 9.64"W x 10.23"D x 13.78"H.

Includes auto-leveling platform, calibration tool & cable, USB cable, 1 spool natural ABS filament, spatula, utility knife w/6 blades, snippers, allen wrench w/spare screws, extruder wrench, 3 platform perforated boards, filament feeder tube, tweezers & gloves.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
190302	24532	Printer	\$1,299.00

Afinia H480 Extended Warranty

Afinia All Afinia H480 Printers include a 1-yr. mfr.'s warranty. The 1-yr. Extended Warranty, extends the life of your machine, trouble free, by covering it for unexpected parts and labor for an additional year. Warranty must be purchased within 30 days of printer shipment.

Stk.	Mfr.	Price
190301	22152	\$199.00



Afinia Replacement Nozzle

Afinia Replacement nozzle for Afinia H-series 3D Printer models H479 and H480.

Stk.	Mfr.	Price
190315	22299	\$32.40



Afinia 1.75mm ABS Premium Filament

Afinia Premium filament certified for use in Afinia H-Series and compatible printers. Supports and raft break easily away from the model leaving a fine finish with high dimensional tolerances.

Filament dia. 1.75m +/- 0.10mm.

1.1 lb. Spool (500g)

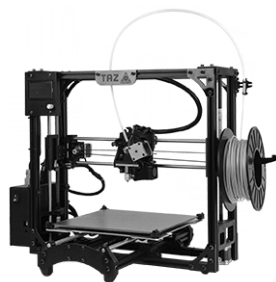
Stk.	Mfr.	Color	Price
190343	25659	Blue	\$39.20
190345	25673	Green	\$39.20
190342	25652	Red	\$39.20
190344	25666	Yellow	\$39.20
190340	25638	White	\$39.20
190341	25645	Black	\$39.20

1.5 lb. Spool (700g)

Stk.	Mfr.	Color	Price
190306	21991	Blue	\$50.40
190308	22005	Green	\$50.40
190305	21984	Red	\$50.40
190307	21998	Yellow	\$50.40
190303	21354	White	\$50.40
190304	21977	Black	\$50.40

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3D Printer Kits available on-line!
www.midwesttechnology.com



LulzBot TAZ 5

LulzBot A versatile, high performance desktop 3D printer that respects your freedom to create. With optimized software and firmware, the robust TAZ allows you to repeat projects time and time again.

With the all metal hot end, you can take advantage of the cutting edge market for new materials, from HIPS, PLA, and ABS, to wood-, metal- and stone-like! The PEI

print surface allows easy, low maintenance 3D printing so you don't have to worry about using tape, adhesives, or solvents to help objects stick to the print bed.

- Free software & open source hardware
- Controllable heat bed
- Tetherless printing through SD card w/multi-functional LCD controller
- Optional dual extruder mount (*sold separately*) prints 2 different colors or 2 different materials at once
- Mfr.'s 30-day money back guarantee, plus 1-yr. warranty & support
- Arrives pre-assembled & calibrated

Print area 11.7" x 10.8" x 9.8". Print volume 20,500cm³. Filament dia. 3mm. Max. operating temp. (*Tool Head*), 300°C. (*Heated Bed*), 120°C. Size 26.8" x 20.5" x 20.3". Weight: 24.25 lbs.

Includes Hexagon Hot End Tool Head w/.35mm nozzle, 24V power supply, filament feed tube, 9-piece tool kit w/bag, quick setup guide, manual & Slic3r software manual.

3mm Filament sold separately.

Stk.	Mfr.	Price
510701	KT-PR0017NA	\$2,200.00



TAZ Dual Extruder Head

LulzBot Print in 2 colors of the same material, or take advantage of multi-material 3D printing. Print more complex objects with support structures. Compatible with PLA, ABS, HIPS, PVA, Laywood & more. Features 2 standard extruders on a single carriage. Each extruder can heat up to 240° Celsius.

3mm dia. filament. .35mm nozzle.

Includes filament spool holder & components, cable zip ties, extruder head power cable & filament feed tube.

Stk.	Mfr.	Price
510720	KT-CP0079	\$495.00

3D Printer Kits available on-line!
www.midwesttechnology.com

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

LulzBot Mini 3D Printer



LulzBot The LulzBot Mini is a high-performance desktop 3D printer that's perfect for home users, makers, designers, engineers, architects, and anyone looking for an easy-to-use desktop 3D printer. The LulzBot Mini features self-leveling, self-cleaning, an easy carry handle, free and open source software, and a low maintenance PEI print surface allow you to focus on making and doing, while your 3D printer does the work.

- Free software & open source hardware that respects user freedom
 - Supports ABS, PLA, HIPS, PVA, Polyester, PETT, Polycarbonate, Nylon, PETG, UV, PCTPE, PC-ABS, wood, bronze & copper filled filaments
 - Open, non-proprietary filament format so you can stay on the cutting edge & save money on materials
 - Cura LulzBot Edition software comes standard. Other compatible software includes OctoPrint, BotQueue, Slic3r, Prinrun, MatterControl & many more
 - Mfr.'s 30-day money back guarantee, plus 1-yr. warranty & support
- Print area 6" x 6" x 6.2". Print volume 3,650 cm³. Filament dia. 3mm. Max. operating temp. (*Tool Head*), 300°C. (*Heated Bed*), 120°C. Size 17.1" x 13.4" x 15.2". Weight: 18.85 lbs.

Includes Hexagon Hot End, quick start guide, LulzBot mini reference poster, 5 replacement wiper pads, 2 mm Allen wrench, tweezers, dental pick, flathead bristle brush, part removal knife (*clam knife*), USB & power cable (*tethered use w/USB cable connected is required to operate this machine*) & USB drive w/source files.

3mm Filament sold separately.

Stk.	Mfr.	Price
510710	KT-PR0035	\$1,350.00



Polyimide Film Kapton Tape

3M 2.7 mil. polyimide film with silicone adhesive provides a superior build platform solution for your 3D printer. Designed for high temperature applications (-100° to 500°F). Amber color.

Stk.	Mfr.	Size	Price
590237	5413	2" x 36 yd.	\$131.00



Polyester Tape

3M An excellent solution for your 3D printer build platform. Durable, long lasting 3.2 mil tape with 2 mil polyester backing and 1.2 mil silicone adhesive. Works up to 400°F. Dark green.

Stk.	Mfr.	Size	Price
590238	8992	2" x 72 yds.	\$23.60

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



ABS Filament

ABS, or Acrylonitrile Butadiene Styrene, is among the most popular 3D printing materials in the world because it is easy to print and strong. ABS is a durable plastic that can be used for making functional / end use 3D printed parts or prototyping. ABS printed parts can be sanded or smoothed using an expert technique with acetone.

Advanced users have found that visible layer height on ABS-printed items can be significantly reduced with an acetone vapor bath. This is a process in which the ABS print is exposed to acetone vapor for a period of time. This technique allows users to have smooth and glossy ABS parts. The acetone vapor-treated parts may be strengthened when the printed layers together bind together.

1.75mm ABS Filament

Toner Plastics Works with Afinia H480, Replicator 1 & Replicator 2X.

Filament dia. 1.75 mm. Spool size 2.2 lbs. (1 kg).

Does not work w/Replicator 2.

Stk.	Mfr.	Color	Price
558213	MW-ABSPKI	4-pack. Dark Blue, Grape, Red, Yellow	\$169.00
512827	87387	Dark Blue	\$43.30
512843	87441	Light Green	\$43.30
512823	87369	Neon Orange	\$43.30
512834	87493	Grape	\$43.30
512820	87388	Red	\$43.30
512825	87385	Yellow	\$43.30
512815	87361	Natural	\$43.30
512816	87380	White	\$43.30
512822	87453	Brown	\$43.30
512817	87389	Black	\$43.30
512818	87386	Silver	\$43.30

3mm ABS Filament

Toner Plastics For use with LulzBot TAZ printers.

Filament dia. 3mm. Spool size 2.2 lbs (1 kg).

Stk.	Mfr.	Color	Price
512913	87468	Dark Blue	\$43.30
512908	87442	Light Green	\$43.30
512909	87448	Red	\$43.30
512911	87450	Yellow	\$43.30
512901	87642	Natural	\$43.30
512910	87449	White	\$43.30
512902	87367	Black	\$43.30



3D Printer Tool Kit

Midwest

Includes 15-pc. feeler gauge set, 2-pc. cleaning brush set, X-Acto standard knife set, 6-pc. mini pliers set, tweezers, nut driver, craft spatula, Phillips #1 screw-driver, flexible putty knife & 13" plastic tool box.

Stk.	Mfr.	Price
558210	MW-MKTP	\$109.00



PLA Filament

Poly(lactic acid) (PLA), is a thermoplastic aliphatic polyester also known as Polylactide. Considered to be a great starter filament, PLA is relatively easy to print and extrudes at a low temperature (180°C). PLA is one of the most commonly used filaments in 3D printing due to its affordability and ease of use.

PLA is specifically easier to use because it doesn't warp like other materials can, making it ideal for printing large items. Plus PLA is a plant-based renewable source, and many believe it emits a sweet and pleasant odor while printing. As PLA has minimal warping and shrinkage, PLA is ideal for making objects that need flat surfaces and hard angles, or objects that will fit together. PLA is more brittle than ABS, but is still considered very strong and is perfect for most household applications.

1.75mm PLA Filament

Toner Plastics Works w/Replicator 2 and earlier models.

Filament dia. 1.75 mm. Spool size 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
558214	MW-PLAPK1	4-pack. Dark Blue, Grape, Red, Yellow	\$169.00
512838	87402	Dark Blue	\$43.30
512812	87395	Dark Green	\$43.30
512813	87430	Neon Orange	\$43.30
512835	87401	Grape	\$43.30
512833	87368	Red	\$43.30
512810	87398	Yellow	\$43.30
512842	87376	Neon Yellow	\$43.30
512832	87359	Natural	\$43.30
512814	87374	White	\$43.30
512837	87394	Brown	\$43.30
512836	87375	Black	\$43.30
512841	87396	Silver	\$43.30

3mm PLA Filament

Toner Plastics For use with LulzBot TAZ printers.

Filament dia. 3mm. Spool size 2.2 lbs (1 kg).

Stk.	Mfr.	Color	Price
512912	87463	Dark Blue	\$43.30
512904	87426	Light Green	\$43.30
512905	87427	Red	\$43.30
512907	87429	Yellow	\$43.30
512900	87360	Natural	\$43.30
512906	87428	White	\$43.30
512903	87425	Black	\$43.30



3D Printer Storage Cabinet

Hann Master-keyed locking door cabinet features extra-heavy maple full-face framing with mortise and tenon joints (glued & stapled) and birch paneling. Holds 2 MakerBots & filament. Earth-friendly, UV clear natural finish. Shipped set-up.

- Upper cabinet includes 1 fixed & 1 adjustable shelf
- Lower cabinet includes 1 adjustable shelf

Includes filament feeder system & locks for doors.

Stk.	Mfr.	Size	Price
439460	TS-MKRBT	48"W x 22"H x 84"H	\$1,892.00

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904



Replicator™ Z18

MakerBot The ideal 3D printer for extra-large prototypes, models and products. Create professional-quality, high-resolution prototypes and complex models. Optimized for large spool PLA filament.

- Print multiple things at once
- Heated chamber
- ABS build platform

- Cloud connected
- Choose settings that range from fast draft to finer resolution
- On-board camera w/mobile control
- Smart Extruder
- Supports .stl, .thing, .obj & MakerBot
- Supports Windows (7+), Linux (*Ubuntu, Fedora*), Mac OS X (10.7+)

Build volume 12"L x 12"W x 18"H.
Size 19.4"W x 22.2"D x 32.6"H. Weight 90 lbs.

Includes large spool Natural PLA filament, build plate tape, USB & free software download.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
512791	MP05950	Printer	\$6,498.00

Service Plan

Stk.	Mfr.	Item	Price
512792	MP06167	1-Year	\$750.00
512846	MP06586	2-Year	\$1,539.00
512849	MP06587	3-Year	\$2,365.00

Mobile Cart Provides convenient access to your 3D printer & filament.

Stk.	Mfr.	Item	Price
512786	MP06134		\$1,250.00

Filament Case Feed filament without worrying about running out of filament, changing filament or interrupting printing. Protects & holds 1 XXL or 2 XL spools. Filament sold separately.

Stk.	Mfr.	Item	Price
512785	MP06133		\$225.00

XXL Spool True Color PLA Filament 1.75 mm dia. 10 lb. spool. Requires filament case.

Stk.	Mfr.	Item	Price
512886	MP06237	Black	\$225.00
512887	MP06238	White	\$225.00
512888	MP06239	Warm Gray	\$225.00
512889	MP06228	Cool Gray	\$225.00



MakerBot Smart Extruder

MakerBot Swappable extruder minimizes downtime and prepares you to quickly adapt your 3D printer to future innovations (*like new filament materials*). No special tools are needed. Powerful magnets snap it into place in seconds, letting you quickly resume printing when a replacement is needed.

Stk.	Mfr.	Item	Price
512798	MP06325	Fits Replicator 5th Gen & Mini	\$199.00
512799	MP06376	Fits Replicator Z18	\$209.00

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We have access to 1,000's of Products not listed here.

Call us for assistance. 800-831-5904



Replicator™ 5th Generation

MakerBot Speed, reliability, quality and connectivity for all your 3D printing needs. Optimized for large spool PLA Filament.

- Glass build platform
- Assisted leveling
- 3.5", full color user interface display
- Smart Extruder detects filament absence, pauses print & sends notifications
- On-board camera for print monitoring & easy sharing
- Mobile Control w/MakerBot Mobile app
- Store, organize & access 3D design files in cloud-enabled library
- Supports .stl, .thing, .obj & makerbot
- Supports Windows (7+), Linux (*Ubuntu, Fedora*), Mac OS X (10.7+)

Build volume 9.9"L x 7.8"W x 5.9"H.
Size 20.8"L x 17.4"W x 16.2"H. Weight 35 lbs.

Includes large spool natural PLA, 5 sheets blue tape, USB cable & free software download.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
512793	MP05825	Printer	\$2,899.00

Service Plan

Stk.	Mfr.	Item	Price
512794	MP06165	1-Year	\$350.00
512845	MP06584	2-Year	\$720.00
512848	MP06585	3-Year	\$1,105.00



Replicator™ Mini

MakerBot Unleash creativity with an educational, entertaining and useful 3D printer. Optimized for small spool PLA filament.

- Reliable, durable, easy-to-use
- Smart Extruder
- On-board camera
- Cloud Connected
- Fast & easy One Touch™ 3D printing
- Experiment w/a wide range of forms, colors & textures
- Print, manage & share 3D creations w/free MakerBot software for PC or Mac
- Supports .stl, .thing, .obj & MakerBot
- Supports Windows (7+), Linux (*Ubuntu, Fedora*), Mac OS X (10.7+)

Build volume 3.9"L x 3.9"W x 4.9"H.
Size 11.6"W x 12.2"D x 15"H. Weight 18 lbs.

Includes small spool of natural PLA filament, USB cable & free software download.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
512851	MP05925	Printer	\$1,375.00

Service Plan

Stk.	Mfr.	Item	Price
512850	MP06166	1-Year	\$150.00
512844	MP06582	2-Year	\$310.00
512847	MP06583	3-Year	\$475.00

3D Printer Kits available on-line!
www.midwesttechnology.com



MakerBot Replicator™ 2X

MakerBot Full-featured desktop 3D printer for exploring the frontiers of 3D printing. Equipped with 2 extruders and optimized for ABS filament, Replicator™ 2X is prepared for future developments in 3D printing. 100-micron layer-height resolution. Optimized for ABS filament.

- Aluminum build platform
- Completely re-engineered easy-load extruder
- 6-sided enclosure for stabilized ABS cooling
- Supports .stl, .thing & .obj
- Supports Windows (7+), Ubuntu Linux (12.04+), Mac OS X (10.6+)

Build volume 9.7"L x 6"W x 6.1"H.
Size 19.1"L x 12.8"W x 20.9"H. Weight 27.8 lbs.

Includes 1 lb. spool of natural ABS filament, USB, SD card & free software download.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
512804	MP05927	Dual Extruder	\$2,499.00
512806	MP05597	Service Plan	\$500.00

MakerBot .4mm Nozzle

MakerBot Replacement nozzle for Replicator 2 and Replicator 2X printers.

Stk.	Mfr.	Price
512790	MK8	\$14.40



Digitizer Desktop 3D Scanner

MakerBot Quickly and easily turn physical objects into 3D models to modify, improve, share and 3D print. With 2 clicks, the simple yet sophisticated software creates 3D models within 12 minutes.

Works seamlessly with MakerBot Replicator™ 3D Printers or the standard design

files may be used with other 3D printers. No design or 3D modeling skills are required to get started.

Maximum weight on turntable 6.6 lbs. Scan volume 8" x 8".
Size 18.7"L x 16.2"W x 8"H. Weight 4.7 lbs.

Includes software.

Please visit our website for additional information.

Stk.	Mfr.	Item	Price
512807	MP03955	Scanner	\$799.00
512808	MP05595	Service Plan	\$150.00

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



MakerBot Small Spool PLA Filament

MakerBot Compatible with the following MakerBot 3D Printers: Replicator Mini, Replicator 5th Generation, Replicator Z18, Replicator 2 & earlier models.

Filament dia 1.75 mm. Spool size 0.5 lbs. (.22 kg).

Translucent

Stk.	Mfr.	Colors	Price
512881	MP05759	Blue	\$39.20
512880	MP05761	Green	\$39.20
512884	MP05765	Orange	\$39.20
512885	MP05769	Purple	\$39.20
512882	MP05763	Red	\$39.20
512883	MP05767	Yellow	\$39.20
512879	MP05792	Natural	\$23.50

True Color

Stk.	Mfr.	Colors	Price
512871	MP05796	Blue	\$28.20
512877	MP05951	Green	\$28.20
512872	MP05787	Orange	\$28.20
512873	MP05788	Purple	\$28.20
512874	MP05789	Red	\$28.20
512876	MP05791	Yellow	\$28.20
512875	MP05790	White	\$28.20
512878	MP05793	Warm Gray	\$28.20
512870	MP05823	Black	\$28.20

MakerBot Large Spool PLA Filament

MakerBot Compatible with the following MakerBot 3D Printers: Replicator 5th Generation, Replicator Z18, Replicator 2 & earlier models.

Filament dia. 1.75 mm. Spool size 2 lbs. (0.9 kg).

True Color

Stk.	Mfr.	Color	Price
512859	MP05776	Blue	\$62.00
512867	MP05952	Green	\$62.00
512860	MP05777	Orange	\$62.00
512861	MP05778	Purple	\$62.00
512862	MP05779	Red	\$62.00
512864	MP05781	Yellow	\$62.00
512863	MP05780	White	\$62.00
512865	MP05783	Warm Gray	\$62.00
512858	MP05775	Black	\$62.00

Translucent

Stk.	Mfr.	Color	Price
512852	MP05758	Blue	\$75.80
512853	MP05760	Green	\$75.80
512854	MP05764	Orange	\$75.80
512855	MP05768	Purple	\$75.80
512856	MP05762	Red	\$75.80
512857	MP05766	Yellow	\$75.80
512866	MP05612	Natural	\$53.60

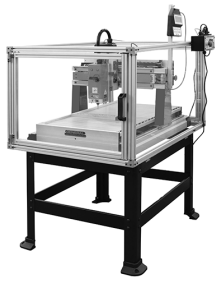
MakerBot Dissolvable Filament

MakerBot Designed for use as solid infill material with MakerBot ABS filament. Easily dissolves in limonene bath. Compatible with Replicator 2X.

Filament dia. 1.75 mm. Spool size 2.2 lbs. (1 kg).

Stk.	Mfr.	Price
512809	MP05417	\$89.20

CNC MACHINES



15" x 20" i-Carver

General CNC Easy-to-learn programming software and pendant-style hand-held operating controller eliminate the need for an external PC. Carves furniture, woodwork, doors and cabinets, plus 2D and 3D signage.

- Easy start-up procedure & unrivaled technical support
- Low backlash stepper motors, for excellent performance & low maintenance

- Rugged, high performance spindle included, w/automatic on/off control
- Extruded aluminum table, w/hold down clamps
- 1-yr. mfr.'s limited warranty
- CSA Approved

Model 40-915X. 110V, 6 Amps, 21,000 rpm.

Cutting capacity: X-axis 15", Y-axis 20", Z-axis 4".

Cutting speed to 118 in./min. Positional accuracy 0.004".

Size 32-3/4"W x 42-3/4"L x 27-1/2"H.

Includes software, controller, tool kit, starter cutting tools, 1/4" collet, stand & Lexan enclosure.

Stk.	Mfr.	Item	Price
420865	CNC201	10-seat License	\$7,464.00
420866	CNC202	10-seat License, Training & Set-up	\$8,980.00
420867	CNC203	25-seat License, Training & Set-up	\$9,938.00

8-piece CNC Tooling Kit

General CNC

Includes 1/4" end mill for clearing, 1/8" & 1/4" down spiral end mill for through-cutting, 1/32" conical V-bit, 1/4" & 1/8" ball nose end mill for 3D carving, plus 90° & 60° V-bits for carving.

Stk.	Mfr.	Price
420756	40-928	\$342.00

1/8" End Mill Cutter

General CNC For 40-913 & 40-915X.

Stk.	Mfr.	Price
420761	40-916	\$71.50

CNC Mill & Lathe Machinable Wax

Flexbar Self-lubricating, nonabrasive machinable wax will not fuse when machined. Sharp edges can be maintained, accurate threads can be cut and thin wall sections maintained with the quality of surface finish. 50-55 shore "D" scale hardness. 92 specific gravity. 575°F flash point. 226°F softening point. 7% volumetric shrinkage @ room temperature. Permanent, oil base, blue dye coloring.

Stk.	Mfr.	Shape	Size	Price
408800	15160	Rectangular Block	3" x 7" x 1.5"	\$26.40
408801	15161	Rectangular Block	3" x 7" x 3"	\$45.10
408808	15170	Cylinder	1.5" x 12"	\$23.80
408804	15165	Cylinder	2" x 12"	\$31.50
408805	15166	Cylinder	3" x 12"	\$60.40



CNC Plasma Cutting Systems

Torchmate Designed to be versatile, mobile and easy to use the Growth Series™ brings CNC Plasma Cutting, CNC Routing and CNC Plate Marking to you in one tight little package. The Growth Series™ encompasses 3 table sizes, the 2x2, 2x4 and 4x4 along water tables.

The Growth Series™ can be used to design and cut everything from intricate

and professional-quality metal parts, to chassis or suspension components, to signs and lettering. When combined with the water table cutting bed virtually all dust and smoke is contained.

Features solid steel construction, precision components and industry-standard motion controls that allow this small package to produce parts identical to large industrial CNC machines. Free unlimited phone & email tech support via mfr.'s trained, dedicated & professional support staff.

Includes thermal dynamic plasma cutter, table top CNC system, arc voltage height control w/magnetic breakaway (*machine torch required*), water-bed for fume control & material support table, plug-n-play USB electronics box (*all cabling included*), CAD/CAM software includes nesting, scanning & all tool path & kerf compensation, driver software accepts all DXF files & straight G-code & 25' CNC interface cable.

Systems shown are for plasma cutting only. Please call for pricing on routing, drilling, engraving & milling.

Material support slats not included.

Please visit our website for more information.

2x2 Plasma Pro System

Stk.	Mfr.	Price
558190	MW-TORCH2X2	Call for Price

2x4 Plasma Pro System **Includes** above, plus Protect Compose Module, unlimited student CAD/CAM educational license w/1 master teacher license.

Stk.	Mfr.	Price
558191	MW-TORCH2X4	Call for Price

4x4 Plasma Pro System **Includes** above, plus Protect Compose Module, unlimited student CAD/CAM educational license w/1 master teacher license.

Stk.	Mfr.	Price
558192	MW-TORCH4X4	Call for Price

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LASER CUTTERS



CO2 Hobby Laser

Full Spectrum Entry level desktop laser engraver and cutter designed for hobbyists capable of cutting/engraving many materials such as paper, 1/4" acrylic and 1/4" wood as well as marking anodized aluminum and Thermank treated metals.

Engrave from any Windows application that can print to a standard printer including CorelDraw, Adobe Illustrator, AutoCAD, Inkscape and even MS Word and MS Paint.

- Focusing mechanism allows for fully removable Z floor (unlimited material size)
- Air assist connection to blow away smoke at the laser head while laser is cutting
- Up to 1000 dpi resolution & 0.001" repeatability
- Includes 2" lens for cutting & engraving (other options available)
- SD slot for storage up to 32 GB, no PC required
- 1-yr. mfr.'s limited warranty on parts/labor (excludes consumable items)

Engraving area 20" x 12". Work area 20" x 12".
Size 31.5"L x 20"W x 8.25"H. Weight 60 lbs.

Includes dual processor ARM + DSP Retina Engrave 3D Ethernet, USB, Laser Direct Print software, honeycomb table, water pump, 4" exhaust port (fan sold separately) & air compressor.

Please visit our website for additional information.

Stk.	Mfr.	Price
416150	NEWHOBBY	\$3,499.00

Laser Rotary Attachment Engrave all the way around round objects like bottles, glasses, poles, etc

Stk.	Mfr.	Price
416154	5THGENROTARY	\$650.00

Exhaust Fan Exhaust fan pulls smoke out of laser cutter. A 4" dryer vent (not included) mounted in the wall is recommended for proper venting.

Stk.	Mfr.	Price
416153	LEF	\$200.00

Purex Fume Buster Small carbon / HEPA air filter / purifier removes smells from cutting woods/paper (not recommended for plastic). **Includes** particulate pre-filter, a HEPA filter & a bed of activated carbon pellets.

Stk.	Mfr.	Price
416151	PFB	\$1,755.00

Bofa AD350 Fume Extractor Fume extraction and filtration system has been designed to provide a cost-effective solution for light duty applications. **Includes** pre-filter, chemical filter & HEPA filter.

Stk.	Mfr.	Price
416155	L0542A	\$2,210.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.

CONSTRUCTION ZONE LAB MODULES

Questech Everything students need to successfully & safely acquire actual construction skills are included w/each module tools, equipment, curriculum. Even math & science teachers are scheduling time in Construction Zone Labs to give students examples of how these disciplines are used in daily life.

Supported by the Nat'l. Center for Construction Education & Research, students rotate through the modules, acquiring a real taste of what each discipline offers, which may lead them to pursue additional educational opportunities in the high-paying & much-needed careers of the construction trade.

- Self-contained locking modules in a cabinet or in a stand-up frame
- Triple stimulus method (visual, auditory & tactile) allows students to see, hear & do for best comprehension & retention
- Safe work practices are used & safety equipment is provided
- Academic integration achieved by real-life application of concepts
- Easy-to-use manual lab management system monitors students' progress through 10-day rotation
- Career component provides information about training, career outlook & projected earnings
- Training at your site or at Questech
- Actual job, hands-on activities
- Outcome-based curriculum
- For grades 8-12
- Professional full-sized tools
- Audio tapes aid in comprehension
- Quick visual tool inventory

Building from Blueprints



Questech Students construct a corner section of a model house, including window and door framing, joist layout, sub-flooring and truss construction. Working from a set of blueprints, students will gain experience in reading and following plans and instructions.

- Measure & cut studs, sole plate & cripples
- Construct header & sill joist
- Construct floor assembly & truss

Includes 5' locking desk, miter box, miter saw, razor blade handle, cutting/assembly board, floor pattern set, gusset pattern set, workstation, corner wall & truss kit.

Stk.	Mfr.	Grade Level	Price
684094	CZ036	8-12	\$4,235.00

Residential Wiring



Questech Students learn about basic electricity and how it travels around the home, then route wire and hook up electrical fixtures.

- Run wire from service panel to electrical components
- Wire a 3-way circuit
- Wire a doorbell circuit

Includes 5' locking desk, safety glasses, 3/16, 1/8 & #2 Phillips screwdrivers, tape measure, wire strippers, needle nose & lines pliers, 12V test light, cable ripper, 110V-12V transformer, mounted electrical boxes, 1 roll ea. 14-2 & 14-3 wires, light bulbs, wire nuts, screws, outlet switches & cover plates.

Stk.	Mfr.	Grade Level	Price
684096	CZ086	8-12	\$4,542.00



Residential Plumbing

Questech Students will learn about residential plumbing components and complete actual plumbing hookups, including supply lines, shower head and gas line.

- Install tub drain stopper & drain cover
- Complete hookups of supply lines, pipes & hoses
- Install shower head & spigot

Includes 5' locking desk, 8" wrench, 3/16 & #2 Phillips screwdrivers, pipe wrench, tube cutter, level, 2-handle kitchen faucet, double sink P trap, sink basket/strainers, 2-handle shower valve kit, hose bib, tub drain kit, 24" flex supply lines, 90° chrome shut offs, CPVC 1/4 turn x 1/2" shut offs, CPVC 1/2" std. shut off, 1/2 black pipe 4" nipple, 1/2 black pipe street 90°, 1/2 shut off (lever style), 1/2 black pipe floor flange, 1/4 flex gas line, channel lock, 10' x 12" CPVC pipe, waste tees, PVC 90°, clean out adpt. 1-1/2" PVC, Trap adpt. PVC 1-1/2", bathroom faucet, clean-out cap & work panel.

Stk.	Mfr.	Grade Level	Price
684095	CZ046	8-12	\$4,950.00



Construction Measurement

Questech Students learn to read standard, metric and tape rules and more.

- Use chalk line to snap straight line between points
- Use framing square to determine truss pitch
- Set up & adjust sight level, tripod & grade stick

Includes stand-up workstation w/locking tool cabinet, safety glasses, string line, line blocks, levels, master ruler, protractor, tape measure, folding ruler, carpenter square, marking gauge, sliding T-bevel & chalk line.

Stk.	Mfr.	Grade Level	Price
684093	CZ026	8-12	\$4,032.00



Cement Mason

Questech Students mix concrete, pour and finish it to create a decorative stepping stone.

- Mix, pour & finish concrete
- Care for concrete tools

Includes 5' locking desk, screed forms, trowel, measuring cups, shall shovel, buckets, forming pan & float.

Stk.	Mfr.	Grade Level	Price
684072	CZ012	8-12	\$4,950.00



AC & Refrigeration

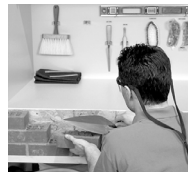
Questech Students test and service an AC unit, perform electrical, mechanical and maintenance tasks. They'll also learn about the installation, maintenance and operation of home AC and refrigeration systems.

Covers principles of gas expansion and compression, heat transfer, evaporation, condensation, thermostatic control, motors and electrical circuitry. Students will calculate cooling requirements and perform electrical, mechanical and maintenance tasks in a job simulation.

- Test system pressures & temperature
- Calculate cooling load for a given living space

Includes stand-up workstation w/locking tool cabinet, test meter (multimeter), window air conditioning unit mounted on workstation, filter, tape measure, fin comb, safety glasses, apron, test leads, Phillips screwdriver, parts tray, face panel (decorative panel).

Stk.	Mfr.	Grade Level	Price
684088	CZ056	8-12	\$6,073.00



Bricklayer

Questech Students mix mortar and lay a course of brick. They will learn about spacing, vertical and horizontal alignment, cutting, shaping and notching to construct and repair brickwork. They'll also disassemble a brick line.

- Level a line
- Cleanup techniques
- Rake & strike the joint

Includes stand-up workstation w/locking tool cabinet, story pole slide rod, story pole slide, masonry brush, mason level, cement hoe, joint trowel, brick line block, brick ties, joint raker (small wheel), shovel, bucket with lid, mason trowel & mortar box.

Stk.	Mfr.	Grade Level	Price
684073	CZ013	8-12	\$4,235.00



Cabinetmaker

Questech Students use cabinetmaking hand tools, a router, miter box and saw to cut and shape wood. They'll cut, shape and assemble parts of a wood product, perform basic cabinetmaking operations to construct a paper tray.

- Read & interpret an assembly drawing
- Apply Danish oil finish
- Measure, cut & plane wood
- Mill joints using router table

Includes 5' locking desk, backsaw, woodworking vise, can opener, chisel, cutting board, hammer, miter box, metric/standard tape measure, rubber gloves, router table & router, putty knife, miter gauge w/clamps, nail set, sanding blocks, smooth plane & shop apron.

Stk.	Mfr.	Grade Level	Price
684092	CZ076	8-12	\$4,746.00



Carpenter

Questech Students construct a wall section, layout, erect, install and repair wooden structures and fixtures using hand tools. They learn framing, estimating and blueprint reading.

- Measure & cut studs & fire stops
- Layout & nail parts
- Tilt up & place wall
- Check vertical level of wall

Includes stand-up workstation w/locking tool cabinet, handsaw, crowbar, tape measure, level, hammer, framing square & carpenter's apron.

Stk.	Mfr.	Grade Level	Price
684074	CZ014	8-12	\$4,950.00



Drywall Installer

Questech Students fit and apply wall board to a wall section, apply tape and compound, sand and smooth the surface. They'll learn about lathing, surface preparation and finishing. They'll also apply plaster, stucco and more to interior and exterior surfaces.

- Measure, cut & layout drywall
- Apply joint tape & joint compound

Includes stand-up workstation w/locking tool cabinet, T-square, drywall hammer, 4" & 8" joint knives, utility knife, tape measure, sanding block, handy boxes, compound pan & apron.

Stk.	Mfr.	Grade Level	Price
684071	CZ011	8-12	\$4,338.00



Electric Motor Repair

Questech Students learn motor disassembly, identification of parts, changing rotation direction, reassembly and changing the capacitor. They'll install, maintain and repair motors.

- Test internal circuits
- Replace motor's starting capacitor
- Complete a wiring diagram of the motor

Includes 5' locking desk, 1/2 HP AC motor, circuit tester, needle nose pliers, replaceable 3-prong plug, screwdriver, test receptacle, hex wrench, combination wrench, repair saddle, replacements capacitor, small AC motor & wire stripper/crimper.

Stk.	Mfr.	Grade Level	Price
684080	CZ031	8-12	\$4,235.00



Floor Covering Installer

Questech Students install and replace resilient tile, linoleum, vinyl sheets, and carpeting. They'll repair subfloors, cut and fit underlayments and install carpeting using tackless strips.

Includes stand-up workstation w/locking tool cabinet, knee kicker, carpet trimmer, utility knife, hammer & stair tool.

Stk.	Mfr.	Grade Level	Price
684083	CZ051	8-12	\$3,725.00



Insulation Installer

Questech Students calculate ratings for installation, then measure, cut and staple up fiberglass insulation. They'll also review batt, blanket, board, loose fill and other forms of insulation in homes and industry.

- Measure wall space
- Place insulation in wall
- Cut electrical outlet openings
- Figure job materials costs

Includes stand-up workstation w/locking tool cabinet, staple remover, dust mask, work gloves, staple gun, tape measure, straightedge, utility knife, cutting board, safety goggles & apron.

Stk.	Mfr.	Grade Level	Price
684087	CZ055	8-12	\$3,725.00



Electrical Wiring

Questech Using a stud wall, students wire a general purpose circuit including a receptacle outlet box, junction box, switch box and a light. They'll also learn electrical terms, installation, maintenance and repair of electrical systems, plus cover power line transmission of electricity from its source to consumption.

- Split & strip electrical wire
- Install light switch & fixture
- Make electrical connections

Includes stand-up workstation w/locking tool cabinet, 12V tester, spade bit, crank-handle screwdriver, tool pouch w/belt, light fixture, cable ripper, hammer, 12V bulbs, electric drill motor, awl, needle nose pliers, duplex receptacles w/covers, switch covers, junction boxes w/covers, boxes.

Stk.	Mfr.	Grade Level	Price
684070	CZ008	8-12	\$4,950.00



Machinist

Questech Students use tools and jigs to machine raw materials into finished products. They'll shape metal parts using a drill press, bending jig and drilling jig to learn accuracy and machine operation techniques. Students make dimensional computations and layout

parts. They'll make a padlock key ring from aluminum. Special drilling jig and bending fixture will be used. Apprenticeships and training are emphasized.

- Material layout
- Assembly
- Filing
- Drilling
- Sawing
- Bending
- Threading

Includes 5' locking desk, scratch awl, machinist vise (3-1/2"), metric/standard ruler, specially designed drilling & bending jigs, hacksaw, electric drill (3/8"), Allen wrench, 3/8" die, tap handle, adjustable wrench, 6/32" die, drill press, file card, die handle, brush, mill file (10"), combination square, 3/8" tap, 3/8", 5/16", 1/4" & #29 drill bits & automatic center punch.

Stk.	Mfr.	Grade Level	Price
684075	CZ018	8-12	\$5,359.00

Painter



Questech Students prepare and paint a wall section, apply protective or decorative coating materials. They'll sand surfaces to be coated and apply paint, varnish and other finishes.

- Mix & apply paint w/brush or roller
- Apply cleanup techniques

Includes stand-up workstation w/locking tool cabinet, can opener, paint edger, putty knife, hammer, mixing stick, paint brush, sanding block, paint roller & plastic bottles for paint storage.

Stk.	Mfr.	Grade Level	Price
684079	CZ027	8-12	\$4,032.00



Sheet Metal

Questech Students layout, fabricate, erect or install and maintain items made of steel, copper, stainless steel and aluminum. Using professional tools, they will practice laying out, cutting to size, bending and riveting of sheet metal in fabrication.

- Measure metal & cut it to shape
- Punch holes & bend metal
- Assemble pieces by riveting

Includes stand-up workstation w/locking tool cabinet, marking jig, pop rivet gun, aviation snips, scratch awl, ruler, center punch, tinners hammer, brake, pattern template, 6" file & hand punch.

Stk.	Mfr.	Grade Level	Price
684091	CZ066	8-12	\$4,746.00



Plumber

Questech Students assemble, install and repair plumbing fixtures and pipe in a section of stud wall, then determine labor and materials cost. They'll also assemble, install and repair pipes, fittings and fixtures of heating, water and drainage systems, according to specifications and plumbing codes. Students will use plastic, copper and galvanized pipe.

- Disassemble & repair a water faucet
- Cut, thread & ream pipe
- Replace faucet washer
- Install water supply lines

Includes stand-up workstation w/locking tool cabinet, adjustable wrench, chain pipe vise, hose bib faucets, tape measure, pipe reamer, pipe wrench, brush, drip pan, leather gloves, pipe cutter, pipe threader, screwdriver & quenching bucket.

Stk.	Mfr.	Grade Level	Price
684069	CZ002	8-12	\$5,972.00



Roofer

Questech Students learn about roof types, equipment and materials, and then shingle a section of roof according to building codes. They'll explore a variety of tasks in roofing materials (*other than sheet metal*) to make them

waterproof including composition shingles or sheets, wood shingles and asphalt and gravel.

- Install drip metal
- Measure & cut shingles
- Shingle roof section

Includes stand-up workstation w/locking tool cabinet, straightedge, roofing axe, utility knife, staple gun, staple remover, nail bar, tool pouch w/belt.

Stk.	Mfr.	Grade Level	Price
684089	CZ057	8-12	\$4,441.00



Telephone/Cable TV Installer

Questech Students install, connect and test telephone and cable TV wiring and equipment. They'll experience job tasks using professional materials and methods.

- Strip, connect & run wire
- Staple wiring to a stud frame wall
- Install modular jack & mounting plate

Includes stand-up workstation w/locking tool cabinet, 3-ring instruction holder, side cutter pliers, test handset, needle-nose pliers, screwdriver, adjustable wire stripper, crimper, wiring block, staple gun, tool pouch, ground clamp, connecting block, modular wall jack w/wall plate, tone generator & coaxial cable wall plate.

Stk.	Mfr.	Grade Level	Price
684086	CZ054	8-12	\$4,746.00



Landscape Design

Questech Students design and draw a landscape plan, select trees, shrubs and ground cover. They'll experience completing a landscape plan for a park and play area. Following step-by-step instructions, students learn procedures of the profession.

- Fundamentals of greenhouses & nurseries, plus career information
- Activities, fundamentals & complete job-related activities

Includes 5' locking desk, drawing board, T-square, 30/60° triangle, 45° triangle, scale, pencil sharpener, brush, drafting tape, paper, eraser, compass, french curve & pencils.

Stk.	Mfr.	Grade Level	Price
684090	CZ059	8-12	\$3,725.00



Tile Setter

Questech Students apply tile to walls, floors and ceilings. They'll apply mastic and adhesive base, cut and arrange tile using professional tools. Students explore a variety of job tasks and learn tile application methods and skills.

- Plan design
- Mix & apply grout

Includes stand-up workstation w/locking tool cabinet, measuring spoon, squeegee, mastic trowel, sponge, plastic container, floor tile & mixing bowl.

Stk.	Mfr.	Grade Level	Price
684076	CZ021	8-12	\$3,725.00



Wall Covering Installer

Questech Students calculate the amount of wall covering material needed, prepare the surface and install the covering on a section of wall.

Using professional paperhanger tools, they'll explore a variety of tasks in preparing the surface to be covered, including removing old wall coverings, measuring the area to be covered, cutting a length from the roll and carefully positioning the patterns to match.

Includes stand-up workstation w/locking tool cabinet, ruler, plastic water tray, hammer, seam roller, smoothing brush, razor knife, sponge, plumb bob, mixing stick, bucket & wall scraper.

Stk.	Mfr.	Grade Level	Price
684084	CZ052	8-12	\$3,725.00



Welder

Questech Students employ welding processes to braze and weld metal parts according to specifications. Activities include pattern selection, cutting, bending, assembly, arrangement of holding devices, brazing, welding and torch cutting of metal.

- Use jigs to bend & form
- Cut & braze parts into finished project

Includes 5' locking desk, acetylene cylinder, tank wrench, assembly jig, bending jig, can opener, firebrick, skull cap, gloves, linesman pliers, ruler, oxygen cylinder, welding jig, goggles, striker, bench vise, welding torch assembly, pressure gauges & tank holder.

Stk.	Mfr.	Grade Level	Price
684081	CZ033	8-12	\$5,869.00



Glazier: Window Install/Repair

Questech Students cut glass, remove and replace Plexiglas® panel and reinstall window sash and frame. The construction process highlights the role of the glazier.

Includes stand-up workstation w/locking tool cabinet, wooden T-square, cleaning fluid, rubber mallet, gloves, glass cutter, glazier's pliers, Phillips screwdriver, glass & Plexiglas® in holder & hardwood block.

Stk.	Mfr.	Grade Level	Price
684085	CZ053	8-12	\$3,725.00



Power Mechanics / Small Engine Repair

Questech Students inspect, disassemble, service and operate a working gasoline engine. They'll learn the theory of internal combustion engine operation, the fundamentals of power mechanics, become familiar with engine parts and gain hands-on experience.

- Inspect & replace head gasket
- Change & gap spark plug
- Remove & inspect air cleaner

Includes 5' locking desk, flat screwdriver, torque wrench, flashlight, ratchet handle, oil stick, 1/2" socket, spark plug, 13/16" socket, gauge wire, replacement spark plug, metric ruler, control cable, cut away & stripped engine to show internal parts, fully-operational 4-cycle engine.

Also includes Fundamental Activities Kit with instruction manual, supplemental textbook & workbook, ball bearing, roller bearing, needle bearing, piston, carburetor, clear plastic cylinder, oil foam air cleaner, compression ring, spark plug, & oil-control ring.

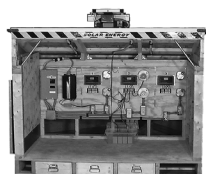
Stk.	Mfr.	Grade Level	Price
684077	CZ025	8-12	\$5,869.00

GREEN COLLAR ZONE MODULES

Questech Green Collar Zone hands-on alternative energy trainers prepare students and adults for careers in the growing green economy.

Solar Panel Installer, Wind Energy Technician and Weatherization Technician are real jobs in the sustainable energy arena; Questech's trainers make the technology easy to teach in the classroom.

STEM based curriculum integrates academic concepts into a safe work experience, using professional tools of each trade.



Solar Energy

Questech Students install solar panels on a roof system using industry-grade materials. They'll work with a solar panel mounting system, solar panel roof anchors, electrical wire, storage batteries, power inverter and solar charge controller, then tie all elements to a residential electrical service panel.

Includes Sine wave inverter, 50W solar panel, solar charge controller, 6V sealed batteries, cables, solar-mount flat-top standoff, solar-mount rail, brackets, wire stripper, wire cutter, Phillips & slotted screwdrivers, digital multimeter, voltage detector, ratchet, sockets, deep sockets, drill driver, tape measure, tool belt & chalk line.

Stk.	Mfr.	Price
684100	GCZ001	\$16,900.00



Wind Energy

Questech Students design, build and install a windmill power turbine generator. Activities include connecting it to a power inverter, and wiring the inverter to an electrical service panel. They'll compare wind power cost to a typical residential utilities cost.

- Demonstrate a gin pole concept for raising a windmill tower
- Test the circuits for voltage

Includes Sine wave inverter, wind generator, solar charge controller, batteries, cables, level, wire stripper, wire cutter, Phillips screwdriver, slotted screwdriver, digital multimeter, voltage detector, ratchet, sockets, deep sockets, tape measure & tool belt.

Stk.	Mfr.	Price
684101	GCZ002	\$16,900.00



Weatherization

Questech Students perform Energy Audit testing procedures (blower test to check for air leaks & heat loss test to determine insulation quality & efficiency). They'll learn techniques and problem-solving methods for insulating and sealing a structure for improved weather tightness.

- Measure, butt, install wall insulation
- Insulate & caulk window frame
- Insulate & weatherstrip door frame
- Install weather stripping
- Perform thermal test comparison for heat loss from 1-pane window vs. double-pane low E window (& replace 1-pane w/double-glazed window)

Includes safety glasses, Phillips screwdriver, insulation-removing hook tool, staple remover, remote thermometer, non-contact thermometer, tape measure, smoke generator, smoke fluid, gloves, dust mask, hard hat, caulk gun, removable caulk, utility knife, staple gun, staples, duct seal putty, heating unit & blower.

Stk.	Mfr.	Price
684102	GCZ003	\$17,900.00

FLIGHT



Syncro™ Mini Quadcopter

Estes

- Flies easily in any open indoor area
- Recharges w/USB cord
- Gyro provides smooth & stable flight
- Small LED lights add to the fun when flying in the dark
- 2.4 GHz controller links only to your aircraft, allowing multiple aircraft to fly together
- Flies in all directions on command

Includes USB charger cord, controller & 4 spare rotor blades.

Requires 2 AAA batteries, sold separately.

Stk.	Mfr.	Size	Price
402714	4609	1.75" dia.	\$45.00

ROCKETS



Meteor Rocket Kit

Scientific Explorer The baking soda and vinegar formula starts a chemical reaction inside the patented fueling module, creating enormous power that launches the rocket up to 100'. Experiment by varying the proportions of baking soda and vinegar or try balsamic vinegar to see if it gives an extra "kick" to the fuel and change the fuselage length to test flight characteristics.

Includes plastic bottle, 3 balsa wood fin template, precut clear tubing, nose cone, 10" foam tape, 2 red plastic film, silver duralar, fueling module, fin holder & instruction booklet.

Vinegar & baking soda not included.

Stk.	Mfr.	Altitude	L x Dia.	Price
621570	0SA200	100'	20"	\$20.00

Rocket Cars

ABS

Launch system & supplies, engines, glue, paint & tools sold separately.



Land Speed Rocket Car "Fly" this car on the ground! It's a land rocket on wheels. Students can work in teams to design, build and race for land speed records. Launch outside in the parking lot. Please allow 300' - 500' for run depending on engine size.

Stk.	Mfr.	Recovery	L x Dia.	Engine	Price
957973	731058	14" chute	31.25" x 1.378"	B or C	\$28.50

Spirit of America Rocket Car The next level of land rocket cars. It's a larger, flashier version of the Land Speed Rocket Car. Launch outside in the parking lot. Please allow 400' - 500' for run depending on engine size.

Stk.	Mfr.	Recovery	L x Dia.	Engine	Price
957974	700277	14" chute	31.25" x 1.378"	B or C	\$32.00

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



Create-Your-Own Tech-Pak™ Rocket

Estes Do you need a challenging rocket kit for your advanced or older students? Students build rockets from the ground up using this unique kit that's stocked with quality Estes' parts. They'll roll their own body tube and complete the rocket with reliable Estes compo-

nents. In addition to the manufacturing process, this kit allows students to experience a high degree of reliability and safety.

Recommended Engines: A8-3, 1/2A6-2, B4-4, B4-6, B6-4, B6-6, C6-5, C6-7.

Includes body tube form, gummed paper, 12" parachute, shock cord, engine hook, white card stock fins, launch lug, nose cone, engine tube, adapter ring & instructions.

Requires Porta-Pad® II Launch Pad, Electron Beam Controller, glue, finishing supplies, engines, igniters & recovery wadding, sold separately.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	48 or more
402829	2126	1,000'	15.1" x .976"	1	\$9.41	\$7.99

E2X (Easy-To-Assemble)

- No paint or special tools needed
- E2X® kits contain parts that are colored, easy to assemble, plastic fins or fin units and plastic nose cones
- Glue the parts together as instructed, apply the self-stick decals and attach the recovery system
- Assembly takes 1-hour or less

Requires glue, launch system, engines, igniters & recovery wadding, sold separately. Please visit our web site for complete specifications.



Alpha III E2X Series

Estes With nothing more needed than glue, you can be on the flying field in no time at all! Using standard engines, the Alpha III soars to heights over 1,100 feet. Whether you're a first time rocketeer or a long time flier, this 12" rocket is a true classic that should be in every collection.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, nose cone, 1-piece fin, self-stick decals & 12" parachute.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402725	1256	1,100'	12.3" x .98"	1	\$17.10	
402769	1751	1,100'	12.3" x .98"	12	\$97.20	\$87.50



Alpha III Launch Set E2X Series

Estes Designed with beginners in mind. With all pre-colored rocket parts and easily applied self-stick decals, you're ready for liftoff in minutes. With nothing more needed than glue for this launch set, you can be on the flying field in no time at all!

Recommended Engines: A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, plastic fins, 12" parachute, decals, nose cone, Electron Beam Launch Controller & Porta-Pad II Launch Pad.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402849	1427	1,100'	12.3" x .98"	1	\$28.10



AVG E2X Series

Estes Combines rockets from 3 of our popular bulk packs providing teachers a variety of skill levels and rockets for the classroom in a single pack.

Includes 4 each of Alpha, Generic & Viking rockets.

Please visit our website for more information.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	4 or more
402710	1753	1 Kit	\$69.70	\$63.00



Color The Sky E2X Series

Estes Complete collection of crayon rockets. Includes 12 rockets, each is a different color.

Recommended Engines: B4-2 (First Flight), B6-2, B6-4, C6-5.

Includes body tube, plastic fins, nose cone, self-stick decals & 18" parachute.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402752	1715	550'	19.8" x 1.64"	12	\$106.00	\$95.40



Firestreak SST E2X Series

Estes Assembly is so quick that if you are really short on time, you can assemble it at the launch site and be ready to send this speedy mini rocket into the air in less than 15 minutes! Rocket is molded in a bright purple color and also features colorful, easy to apply self-stick decals!

Recommended Engines: 1/2 A3-2T, A3-4T (First Flight), A10-3T

Includes body tube, nose cone, plastic fins, self-stick decals & streamer.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402705	0806	350'	10.2" x .86"	1	\$8.82	
402779	1792	350'	10.2" x .86"	24	\$146.00	\$131.00



Generic E2X Series

Estes Unleash your students' creativity! How more generic can you get than an all white rocket! A super easy-to-assemble rocket with no paint, no fuss, no muss! This Plain Jane rocket comes with a shiny silver-backed decal sheet for your students to custom decorate their own special rocket.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, plastic fin unit/engine mount, 1-piece nose cone, 12" parachute & decals.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402708	1764	1,100'	15" x .98"	12	\$88.30	\$79.00



Gnome E2X Series

Estes Features a single piece, chrome wrapped body tube, a bright blue precolored 1-piece fin unit, nose cone and upper launch lug ring. The rocket takes about 30 minutes to build and is finished off with a colorful, easy to apply self-stick decal.

Recommended Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T.

Includes body tube, 1-piece fin, nose cone, self-stick decal & streamer.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402702	0886	800'	10.30" x .54"	1	\$10.10	
402768	1750	800'	10.30" x .54"	12	\$97.70	\$88.00



Taser Launch Set E2X Series

Estes Kit features a brightly colored one piece body tube, molded plastic fin set and bullet shaped nose cone. Simply glue a few rocket pieces together, apply the colorful self-stick decals and in less than an hour you'll be ready for the launch pad!

Recommended Engines: A8-3, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, nose cone, molded plastic fins, self-stick decals, 12" parachute, Electron Beam Launch Controller & Porta-Pad II Launch Pad.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402897	1491	1,000'	16.5" x .98"	1	\$23.90



UP Aerospace SpaceLoft E2X Series

Estes Build and launch a REAL rocket with your students! The SpaceLoft is the first private rocket to launch at New Mexico's Spaceport America. The 1-piece fin unit and precolored body tube make this rocket easy to build. It is a mini engine rocket that launches with a standard Estes Porta-Pad II Launch Pad and Electron Beam Controller, sold separately. No paint or special tools needed.

Recommended Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T.

Includes body tube, plastic fin unit, plastic nose cone, streamer, decals & lesson guide.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402848	1793	800'	12.5" x .54"	12	\$53.10	\$47.80

Skill Level I

- Requires some painting, gluing and sanding
- Most feature laser cut balsa fins, plastic or balsa nose cones and high quality decals
- Step-by-step instructions make building very easy
- Assembly may take an afternoon

Requires finishing supplies, paint, glue, launch system, engines, igniters & recovery wadding, sold separately.



Taser Twin Skill Level I Series

Estes A simple to build rocket with two-stage rockets, the Taser Twin is sure to be a crowd pleaser on and off the launch pad.

Recommended Engines: B6-0, B6-6, C6-0, C6-7.

Includes body tube, nose cone, laser cut wood fins, waterslide decals & streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402784	3201	2,000'	15.4" x .74"	1	\$12.30



Alpha Skill Level I Series

Estes Ideal for illustrating basic rocket stability principles. Besides having an aerodynamic design, it is a very reliable launcher that can use a wide variety of engines. When your students build the Awesome Alpha, they will acquire many new modeling skills and experience teamwork and safety at the launch field.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5 or C6-7.

Includes body tube, balsa wood fins, molded nose cone, engine mount, 12" parachute & self-stick decals.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402720	1225	1,000'	12.3" x .98"	1	\$15.30	
402772	1756	1,000'	12.3" x .98"	12	\$97.20	\$87.40



Big Bertha™ Skill Level I Series

Estes The Big Bertha gives you a slow, realistic liftoff. What a thrill it is to watch! Propelled by powerful standard engines, this beauty travels to 500' and comes back to earth with a decorated 18" parachute.

Recommended Engines: B4-2, B4-4, B6-2, B6-4, C6-5.

Includes body tube, laser cut wood fins, molded plastic nose cone, 18" parachute & self-stick decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402775	1948	500'	24" x 1.64"	1	\$22.50



Viking™ Skill Level I Series

Estes Rocket can be built with three, four or five fins in 48 possible arrangements. Students can hypothesize how their fin arrangement will affect the rocket's flight then put it to the test by launching it. The perfect, low cost rocket for slim budgets and perfect to use for comparison studies in aerodynamics.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, nose cone, die cut card stock fins, self-stick decals & streamer.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402776	1949	1,600'	12.1" x .74"	1	\$12.30	
402771	1755	1,600'	12.1" x .74"	12	\$64.80	\$58.30



Wizard™ Skill Level I Series

Estes This Wizard conjures up magical, high-flying flights time after time and is a great rocket for wind drift studies and other flight competitions. It's the perfect high altitude rocket for beginners that need more of a building challenge.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes body tube, nose cone, laser cut wood fins, self-stick decals & streamer.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	4 or more
402728	1292	1,600'	12" x .74"	1	\$11.70	
402770	1754	1,600'	12" x .74"	12	\$61.80	\$55.00



Yankee™ Skill Level I Series

Estes The patriotic Yankee is a super performance model with a one-of-a-kind shaped nose cone. The aerodynamic nose cone gives this patriot the extra push it needs to fly way above the average rocket its size.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

Includes 1-piece body tube, laser cut wood fins, conical shaped nose cone, self-stick decals & streamer.

Quantity Savings!

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price	48 or more
402733	1381	1,850'	11" x .74"	1	\$11.20	\$9.99

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

Skill Level 2

- First tier of more advanced kits that require beginner skills in model rocket construction, finishing and painting
- Features laser cut wood fins, plastic or balsa nose cones, self-stick or waterslide decals, unfinished body tubes and step-by-step instructions
- These are unique designs that include multi-stages, payloads and scale models
- Assembly may take an day

Requires finishing supplies, paint, glue, launch system, engines, igniters & recovery wadding, sold separately.

Astron Elliptic II™ Skill Level 2 Series



Estes With its classic elliptical shaped fins and graceful styling the 2-stage rocket features easy straight forward construction with out of site performance. First tier of more advanced kits.

Recommended Engines: 1/2A3-2T, A3-4T, A10-3T (1st Stage), 1/2A3-4T (2nd Stage), A10-0T (Booster Stage).

Includes body tube, nose cone, laser cut wood fins, waterslide decals & streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402729	2447	925'	23.3" x .74"	1	\$11.70

Bull Pup 12D Missile Skill Level 2 Series



Estes The Bull Pup 12D is a highly detailed version of the USAF AGM-12D Bull Pup air to ground missile. This is a great kit to develop your scale model building skills.

Recommended Engines: A8-3, B4-4, B6-4, C6-5.

Includes 1-piece body tube, molded plastic tail, nose cone, laser cut wood fins, self-stick decals & 12" parachute.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402797	7000	675'	15.6" x 1.33"	1	\$17.60

Skill Level 3

- Second tier of more advanced kits that require moderate skills in model rocket construction, finishing and painting
- Features multiple laser cut wood fins and parts, unfinished body tubes, waterslide decals, balsa or plastic nose cones, vacuum-formed plastic detailing and step-by-step instructions
- These complex designs include scale models, payloads and multi-stages that can use D and E engines
- Assembly may take a few days

Requires 3/16" Maxi Launch Rod, glue, launch system, engines, igniters & recovery wadding, sold separately.

Magician Skill Level 3 Series



Estes Supersized payload rocket can handle all the power you put in the motor tube to send it on a magical mystery tour of the atmospheric kind! This sorcerer stands an impressive 33.5" tall and has a clear payload section.

Recommended Engines: D12-5, E9-6.

Includes body tube, nose cone, laser cut wood fins, waterslide decals, clear payload section & 18" parachute.

Requires Porta-Pad & Launch Controller, when launching E Engines, sold separately.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
402731	2440	1,600'	33.5" x 1.33"	1	\$20.60

ROCKET ACCESSORIES & SUPPLIES

Engines Estes

Mini Single Stage (13 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
402742	1503	1/2A3-2T	4	4	4	\$10.20

Standard Single Stage (18 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
402747	1598	A8-3	3	3	4	\$10.20
402749	1602	B4-4	3	3	4	\$10.70
402754	1606	B6-4	3	3	4	\$10.70
402758	1613	C6-3	3	3	4	\$11.20
402759	1614	C6-5	3	3	4	\$11.20

Standard Upper Stage (18 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
402760	1615	C6-7	3	3	4	\$11.20

Mighty "D" (24 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
402781	1566	D12-3	2	2	4	\$10.80
402782	1567	D12-5	2	2	4	\$10.80

Engine Bulk Packs

Estes

Includes 24 engines, 24 reusable igniter plugs, 30 igniters & 75 squares of recovery wadding.



Quantity Savings!

Stk.	Mfr.	Type	Price	6 or more
402840	1788	1/2A3-4T	\$49.50	\$44.50
402751	1781	A8-3	\$61.60	\$55.50
402741	1783	B6-4	\$62.50	\$56.30
402833	1789	C6-5	\$72.70	\$65.50

Electron Beam® Launch Controller



Estes Includes safety key & 17' of cable.

Use only with Estes igniters. Requires 4 AA alkaline batteries, sold separately.

Stk.	Mfr.	Price
402783	2220	\$24.80

AltiTrak™ Altitude Finder

Estes Track rocket to top of flight & lock in its altitude. Displays exact model rocket altitude on metric scale & elevation angle in degrees (*conversion table included for feet*). Precision instrument of durable plastic is easy to assemble.

Stk.	Mfr.	Price
402787	2232	\$21.80

Recovery Wadding

Estes Flame resistant wadding provides protection from hot ejection gases for parachutes & streamers. Required in most Estes rockets unless they are tumble recovery.

Includes 75 sheets for up to 25 flights.

Stk.	Mfr.	Price
402790	2274	\$5.93

Parachute

Estes Includes preassembled 18" parachute.

Stk.	Mfr.	Price
402880	302267	\$6.30

Starters

Estes Ready-to-use starters (formally known as igniters). Requires 1 per launch to ignite your engine. 6/pkg.

Stk.	Mfr.	Price
402801	2302	\$5.69

Blast-Off® Flight Pak

Estes Includes 24 model rocket engines, 6 each A8-3, B6-4, C6-5 & C6-7, plus 75 sheets of recovery wadding & 30 igniters.

Stk.	Mfr.	Price
402766	1672	\$63.00



Porta-Pad® II Launch Pad

Estes Quick assembly, no glue or tools required!
Includes blast deflector and standoff, 2-piece 1/8", launch rod, safety cap & key.

Porta-Pad II can accommodate a 3/16" Maxi launch rod, sold separately.

Stk.	Mfr.	Price
402780	2215	\$21.80



Maxi™ Launch Rod

Estes 3/16" dia. 2-piece launch rod is necessary for larger rockets that are powered by C11, D & E Engines.

Stk.	Mfr.	Price
402798	2244	\$11.90

MODEL GLIDERS



Paper Squadron™ Kit

Poof-Slinky Students will learn about aerodynamics while building, testing and rebuilding their paper airplane models. Great indoor or outdoor learning. For ages 6+.

Includes 16 different printed papers, 1 sticker sheet, 1 folding tool & instructions.

Stk.	Mfr.	Price
621560	2165BL	\$8.80



Cessna 185 Glider

AG Industries Excellent flying performance and detailed instructions with this rubber band powered, assemble-in-2-minutes glider. Glue and tools not required.

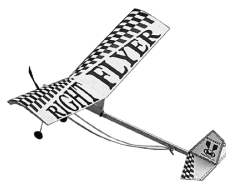
Stk.	Mfr.	Qty.	Price
194814	AG9862	1	\$9.60



Shoebbox R.O.G.

Midwest Products Fits right inside a shoebox and is designed to fly both indoors and outdoors. It will fly 40 seconds or more in a gym or over a minute outdoors. Light, but sturdy, glider has easy-to-adjust wings for great flying success.

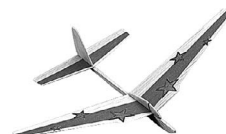
Stk.	Mfr.	Qty.	Price
536413	51401	8	\$34.20



Right Flyer

Midwest Products Big brother to the Shoebbox R.O.G., this plane has cambered airfoil wings and low thrustline for high endurance flights. Can be flown with or without landing gear for drag/weight experiments. 485 mm wingspan.

Stk.	Mfr.	Qty.	Price
536323	501	24	\$89.30
536420	50101	8	\$40.50



Star Gliders

Midwest Products Economical first step in aviation science. Recommended for elementary and middle school students.

Stk.	Mfr.	Qty.	Price
536327	505	35	\$38.80



Tuff Birds Glider

Revell This glider is incredibly fun to fly, and easy to build. No glue is required, and assembly takes just minutes. Balsa wings and body. For ages 8+.

Stk.	Mfr.	Qty.	Price
688750	RMXA3428	1	\$2.33



Delta Dart

Midwest Products The most popular teaching model for a quarter century. Features English/Spanish instructions and an improved prop assembly. Kit includes Teaching With Model Airplanes teacher's guide and is great for elementary and middle school students.

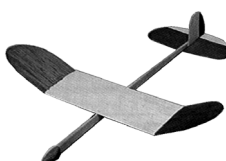
Stk.	Mfr.	Qty.	Price
536328	510	35	\$42.50
536437	3950	1	\$5.50



Super Delta Dart

Midwest Products This model plane is a larger version of the popular Delta Dart, featuring removable/adjustable wing which allows students to experiment with different wing positions, large 21-1/2" wingspan with 15-1/8" length, thicker balsa wood framing strips improve durability. Construction manual helps students achieve better results. Considered "next step" after Delta Dart. For grades 4-12.

Stk.	Mfr.	Qty.	Price
536332	509	24	\$63.80



Flip Glider

Midwest Products Features wing tip dihedral for stability and an airfoil that students sand to shape for optimal lift. Includes the Teaching With Model Airplanes guide. Great for middle school and high school students.

Stk.	Mfr.	Qty.	Price
536324	502	35	\$74.00



The Wright Bat

Midwest Products Experience flight inspiration with a model of the Wright Brothers' flying toy helicopter. This rubber band powered helicopter flies indoors or outdoors, assembles in minutes and requires no cutting or gluing. For ages 8+.

Includes sails, propeller, center support, rubber bands & instructions.

Stk.	Mfr.	Qty.	Price
536444	52202	1	\$6.74
536445	52201	8	\$32.30



Student Flight Evaluation Kit

AG Industries Great for learning how planes fly and evaluating flight performance resulting from changes made to the plane. Identical pre-cut balsa/paper planes provide a flight test kit in a box for comparing the main forces that act upon a plane (airfoil shape, wing camber, wing dihedral, drag & thrust).

Includes 5 planes w/clips, glue, launcher & manual.

Stk.	Mfr.	Qty.	Price
194831	AG500	1	\$26.40

Heritage Series Kit

AG Industries Professionally-designed classic planes for the serious modeler. Completion time is approx. 25-40 min.

- 2 light planes #'s 305 & 306 (Wilbur, Orville)
- Phantom I • Strega (modified P-51 Mustang)
- Hercules • Voyager

- 4 racers #'s 519-523 (Pappy, Amelia, Jacqueline, Billy)

Includes 10 planes w/clips, glue, ruler, launcher & manual.

Stk.	Mfr.	Qty.	Price
194830	Z1000	1 Kit	\$26.40



Competition Glider Kit

AG Industries This glider kit is excellent for ages 8 and up! Gliders are all pre-cut and easy-to-assemble. Project can be customized for 30-student class.

Includes 30 each pre-cut balsa fuselages, pre-cut fiber airfoils and dihedral gauges, student instructions, 2 teacher's manuals, contest, 39" x 30" target & game w/rules.

Stk.	Mfr.	Qty.	Price
194811	AG5000	1 Kit	\$79.20

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Tech Glider System Pack

Midwest Products Student's create their own competition-ready gliders. The 24-student class pack has everything needed to construct a plane that complies with the Flight Challenge National Catapult Glider Competition. Instructor's review and understanding of miniature flight technology included.

- Specially-weighted, correctly-sized select balsa wood blanks
- Outlines lead students through the engineering, construction & test flying of their own gliders
- Comprehensive teacher's manual, Mastering Catapult Gliders, Success in Class and in Competition, offers advanced aviation concepts
- Students learn the need for tooling & technology in designing & manufacturing the longest-flying gliders

Shown with Catapult Kit, sold separately.

Primary Pack Includes balsa blanks (fuselage, tail assemblies & wings), clay ballast, graph paper & Designer Outlines for 24 students, plus "Mastering Catapult Gliders - Success in Class & Competition" teacher's manual. Finished Tech Glider shown with Catapult Kit, sold separately.

Stk.	Mfr.	Price
536535	7150	\$63.00

Consumable Pack Includes balsa blanks (fuselage, tail assemblies & wings), clay ballast, graph paper & Designer Outlines for 24 students. Catapult sold separately.

Stk.	Mfr.	Price
536536	7151	\$47.70

Catapult Kit Includes 1 contest-legal catapult kit constructed of basswood w/rubber strip launch elastic.

Stk.	Mfr.	Price
536537	7152	\$18.00

GLIDER ACCESSORIES

15-to-1 Competition Winder

Midwest Products High-performance winder for twisting rubber motors fast. Laser-cut hardwood handle for easier gripping by young flyers. For models using 1/8" contest rubber or less.

Stk.	Mfr.	Price
536351	388	\$24.50

Rubber Band Winder

Midwest Products Students can quickly wind up their Midwest rubber band airplane & boat motors, then immediately begin testing for distance, speed & more! Labor-saving tool winds 5 revolutions for every single hand-cranked turn.

Stk.	Mfr.	Price
536320	389	\$7.70



Propeller Replacement Assemblies

Midwest Products For Delta Dart, Super Delta Dart & Shoebox R.O.G models.

Stk.	Mfr.	Size	Qty./Pkg.	Price
536318	380	6"	35	\$12.40



Replacement Rubber Motor Loops

Midwest Products For Delta Dart, Rogue, Tech Twin & Mr. Copter models.

Stk.	Mfr.	Qty.	Price
536315	370	35	\$6.80



Performax Contest Rubber

Midwest Products For Delta Dart, Super Delta Dart, Shoebox R.O.G and Right Flyer.

Stk.	Mfr.	Size	Price
536306	376	1/16" x 48'	\$8.12
536307	377	3/32" x 48'	\$9.00
536308	378	1/8" x 48'	\$10.10



Model & Hobby Cement

Elmer's Convenient and fast-drying, sets in 30 seconds with a strong, invisible bond. Ideal for all plastic-to-plastic bonds, including polystyrene model plastic. Water resistant, will not shrink, low odor and paintable. For indoor use.

Stk.	Mfr.	Size	Price
257800	E1013	1 oz.	\$3.73



Tacky Formula Modeling Glue

Midwest Products Flows easier from bottle for no waste. White glue is nontoxic & has no objectionable odors. For aviation, structures & transportation models.

Stk.	Mfr.	Size	Qty./Pkg.	Price
536310	362	1 oz.	24	\$25.00
536311	361	4 oz.	1	\$3.93



Craft Bond Tacky Glue

Elmer's Durable, clear-drying wet tack glue offers long-lasting bond and post-drying flexibility. Glue won't run and is ideal for multi-purpose craft projects involving porous and semi-porous materials (not for photos, bare metal, submerged, heated surfaces, or outdoors). Easy water cleanup. Safe and non-toxic.

Stk.	Mfr.	Size	Price
257350	E430	4 oz.	\$2.35



All Purpose School Glue Sticks

Elmer's Easy-to-use glue offers smooth application and water cleanup. Goes on and dries clear. Nontoxic.

Stk.	Mfr.	Size	Qty.	Price
257740	E510	0.21 oz.	1	\$0.63
257630	E556	0.24 oz.	30	\$16.20
257627	E501	0.24 oz.	60	\$28.40



Scotch® Mega Glue Stick

3M Strong, fast-bonding, and no mess. Purple is easy to see when applied, but dries clear. Great for paper, fabrics, and other lightweight items. Non-toxic and acid free.

Stk.	Mfr.	Size	Price
590407	6108-MEGA	1.41 oz.	\$2.73

MODEL KITS



Kiting Activity Kit

ABS Soar to new limits with this kite pack. Kit includes supplies for 24 students to make 3 different kites: a box kite, sled kite and flat diamond kite.

Includes instruction booklets.

Stk.	Mfr.	Qty.	Price
957941	740097	1 Kit	\$500.00



V-8 Engine Model

Revell See how an internal combustion engine works. As you turn the crank, each of the parts move, just like the real thing. Engine features moving pistons and connecting rods. A hand crank operates the pistons, camshaft rocker arms and valves. A superb educational tool on the inner workings and construction of a V-8 engine. For ages 12+.

Includes rubber fan belt, vinyl ignition wires, display stand & screwdriver.

Stk.	Mfr.	Scale	Size	Parts	Price
688700	85-8883	1:4	12"L	314	\$72.90



1965 Chevy Sidestep Pickup

Revell This '65 Chevy Stepside Pickup will stand out at any car show and turn heads at cruise nights but it can also still be a work horse to carry loads. Molded in white, clear and transparent red with chrome plated parts and black vinyl tires. For ages 10+.

Requires paint & glue, sold separately.

Stk.	Mfr.	Scale	Size	Parts	Price
688680	85-7210	1:25	7-3/4"L	143	\$25.90



1967 Chevelle SS

Revell The 1967 Chevelle SS 396 may have looked like a standard sports car from the outside, but inside, it was one of the most compulsively drivable muscle cars of its era. Only 612 SS 396s were ever produced, making them a

rare collector's item today. Kit features an opening hood with a detailed 396 cu. in. V-8 engine, a choice of a stock or lowered suspension, optional stock rally wheels or large-diameter custom wheels with disc brake detail, soft black tires, chrome-plated parts and decals with stock and custom graphics. For ages 10+.

Requires paint & glue, sold separately.

Stk.	Mfr.	Scale	Size	Parts	Price
688655	85-4285	1:25	7-7/8"L	113	\$25.90



1968 Dodge Charger Model Kit

Revell Build 1 of 2 plastic models. Optional complete 440 cubic inch or 426 Hemi V8 engines plus a separate engine stand. Detailed interior and chassis to build either stock muscle car vintage drag racer. Authentic factory stock detailing decals and competition graphics.

Molded in white, transparent red and clear. Chrome plated parts and black vinyl tires. Illustrated assembly guide. For ages 12+.

Requires paint & glue, sold separately.

Stk.	Mfr.	Scale	Size	Parts	Price
688653	85-4202	1:25	8-5/16"L	181	\$29.10



1969 Camaro Z/28

Revell The '69 was one of the best selling of all the Camaro® models over the years. The special Z/28™ package added a unique 302 cubic inch V-8 and other high performance parts to create a blend of good handling as well as powerful acceleration. Kit includes the Rally Sport™ front end trim and the rare dual quad and chambered exhaust options, plus the Rally Sport™ front end trim and the rare dual quad and chambered exhaust options. For ages 10+.

Requires paint & glue, sold separately.

Stk.	Mfr.	Scale	Size	Parts	Price
688690	85-7457	1:25	7-3/4"L x 2-3/4"W x 1-3/4"H	113	\$23.70



1970 Boss Mustang Model Kit

Revell Mustang body accurately molded in white polystyrene plastic. Choice of custom chrome mags, chrome Magnum 500 wheels or large diameter chrome custom wheels. Choose to ride on a set of standard or low-profile vinyl tires with realistic tread design. Complete interior detail. Build a highly detailed dual quads on a tunnel ram intake manifold or stock engine. Waterslide custom graphic and authentic factory stock decals. For ages 10+.

Requires paint & glue, sold separately.

Stk.	Mfr.	Scale	Size	Parts	Price
688650	85-2149	1:24	7-1/4"L x 3-1/8"W	90+	\$25.90



2013 Camaro ZLI

Revell One look at the Camaro ZLI and you're hooked. It's beautiful. Then, if you're lucky, you get a look under the hood at the 580 horsepower V-8, and any gear head will fall in love. Of course, with a price tag roughly in the "maybe one day, if I'm lucky" range, you're probably better off just building this exquisite model. Kit features a pre-decorated body, fully-detailed 6.2 liter V-8 engine and metal axles. For ages 12+.

Requires paint & glue, sold separately

Stk.	Mfr.	Scale	Size	Parts	Price
688660	85-4307	1:25	7-1/2"L x 4-1/4 x 2-1/8"H	48	\$21.60

DRAGSTERS & RACERS



Mousetrap Racer Kits

Midwest Products Comes complete with pre-cut parts and detailed instruction. Now, lower grade level students can participate in mousetrap racing. For grades 4+.

Stk.	Mfr.	Qty.	Price
536338	543	12	\$80.80
536443	54202	1	\$10.90

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Designer Assortment Kits

Midwest Products Mousetrap Racer Designer Assortment provides students with creative problem-solving challenges.

Kit includes all parts necessary to construct a vehicle of the student's design. Because each student receives the same materials, the instructor maintains control over the inputs - the only variables are the student's effort and problem-solving abilities. For grades 6-12.

Includes mousetrap, balsa blocks, plywood discs, dowels, string, rubber bands, brass eyelets & competition guidelines.

Stk.	Mfr.	Qty.	Price
536336	541	12 Kits	\$51.00



Mousetrap

Victor Metal bait pedal mousetrap.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	144 or more
543999	M040	1	\$0.76	\$0.61

Vehicle Problem-Solving Activity Kits

ABS Students enjoy experimenting with many design & propulsion situations using these exciting, hands-on activities with various vehicle styles. "Rodney the Rodent" challenges "humans" to consider many methods when creating their racers. Each easy-to-teach kit includes all the parts needed (unless noted), plus an activity guide. Competition & reference suggestions complete each fun educational experience.



Air Prop Racer

ABS This one will blow your hair back! "Rodney the Rodent" challenges "humans" to use the propeller to drive the Styrofoam® vehicle. Will they design the prop to push or pull? How will it be fixed to the racer? Many solutions are possible with this activity.

Stk.	Mfr.	Qty.	Price
957911	731009	1 Kit	\$7.15
957966	731009CP	12 Kit	\$66.50

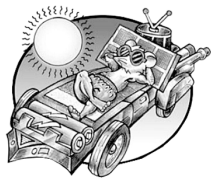


Egg Drop Vehicle

ABS Get out the drop cloth! "Rodney the Rodent" challenges "humans" to push this car off a table to see if their passenger - an egg - can survive a series of falls. Since only limited padding is included, students are required to muster their mental resources to safely cushion the egg's ride.

Egg(s) not included.

Stk.	Mfr.	Qty.	Price
957910	731007	1 Kit	\$7.15
957964	731007CP	12 Kits	\$66.50



Electric Car

ABS Let the sun shine! Students solve how to power the motor of this friction-driven vehicle. An inexpensive way to experiment with electric and solar power sources.

Includes all the parts needed, plus an activity guide.

Requires AA battery or solar cell, sold separately.

Stk.	Mfr.	Qty.	Price
957925	740060	1 Kit	\$9.90
957970	740060CP	12 Kits	\$85.50



Jet Balloon Racer

ABS Get that pin away from my car! "Rodney the Rodent" challenges "humans" to keep the air in the balloon so it can power the racer. This fun kit uses a light Styrofoam® car body.

Stk.	Mfr.	Qty.	Price
957909	731008	1 Kit	\$7.15
957965	731008CP	12 Kits	\$66.50



Marble Mania Vehicle

ABS Playing with marbles takes on a new roll! "Rodney the Rodent" challenges "humans" to design a vehicle that is actually powered by marbles. Make this a small group activity and watch your students compete for distance or originality.

Marbles sold separately.

Stk.	Mfr.	Qty.	Price
957948	731068	1 Kit	\$11.00
957971	731068CP	12 Kits	\$95.00
957937	802033	25 Marbles	\$9.98

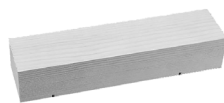


Mousetrap Vehicle

ABS Let's get going! "Rodney the Rodent" challenges "humans" to learn how a mouse-trap can actually power a car. Besides learning propulsion and design principles, competitions between racers make for exciting classroom learning!

Stk.	Mfr.	Qty.	Price
957900	731048	1 Kit	\$7.15
957969	731048CP	12 Kits	\$66.50

PINEWOOD DERBY RACERS



Pinewood Derby Basic Racer

Revell Here's the "blank canvas" you need to create a race-legal pinewood car that has a look and an edge that are all your own. Kit provides a basic wooden block that's shaped to

meet Boy Scouts of America regulations. It simplifies the most challenging parts of custom racer design - you just start here and add your choice of Pinewood Derby® wheels, weights, paint and decals. Licensed Pinewood Derby® Product. For ages 8+.

7"L x 1.75"W x 1.3"H.

Includes wood block w/pre-cut axle slots & instructions.

Stk.	Mfr.	Price
688830	RMXY9632	\$4.30



Pinewood Derby Wedge Basic Racer

Revell The Wedge is a race-legal head start toward creating a unique competitor, whether it's a high-tech F1 racer, sleek sports car or a low-profile custom design of your own. Complete set of official wheels and axles, plus axle

slots are already cut in for easy installation, so you can concentrate on creativity. Licensed Pinewood Derby® Product. For ages 8+.

7"L x 1.75"W. Nose 2/5". Tail 4/5".

Includes wood block w/pre-cut axle slots, 4 wheels, 4 axles & instructions.

Paint, weights & decals, not included.

Stk.	Mfr.	Price
688810	RMXY8660	\$4.84



Pinewood Derby Wheel & Axle Kit

Revell These are the "real deal" — the only wheels the BSA® accepts for Pinewood Derby® competition. Licensed Pinewood Derby® Product. For ages 8+.

Includes four 1-1/4" dia. wheels & 4 axles.

Stk.	Mfr.	Price
688820	RMXY9608	\$3.76



Pinewood Derby Hot Rod Racer

Revell Lightweight wonder with unique looks and wailing top-end speeds. Kit gives you a head start on creating a hot rod racer of your own. You start with a preshaped body and sandpaper to smooth it down. Official, race-legal wheels and axles to carry you to victory.

Weights to keep you legal. And the parts you need to make your 'rod look like the real thing. Licensed Pinewood Derby® Product. For ages 8 & up.

Includes shaped pinewood block, peel & stick decal sheet, 1 sheet ea. sandpaper (120 grit, 220 grit), 4 wheels, 4 axles, 4 screws, engine, exhaust pipes & instructions,

Stk.	Mfr.	Price
688800	RMXY8641	\$11.90

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Pinewood Derby Funny Car

Revell The original funny cars were created by moving the rear wheels forward on a passenger car. That made them look "funny" to drag-racing fans — and now, funny cars have a class of their own in racing. Kit comes with everything you need to be competition-ready fast.

Licensed Pinewood Derby® Product. For ages 8+.

Includes shaped wood block, peel & stick decal sheet, 1 sheet ea. sandpaper (120 grit, 220 grit), 4 wheels, 4 axles, 4 screws, wing, engine, exhaust, weight, 1 foam, brush, 1 small brush, 1 bottle ea. paint (orange, black) & instructions.

Stk.	Mfr.	Price
688840	RMXY9642	\$17.30

CO2 DRAGSTERS



CO2 Dragster Kits

ABS Everything students need to build an award-winning dragster! Design Guide shows how to build a Land Speed Record Assault Vehicle (LSRAV) using either metric or non-metric measurements.

Each kit includes 12" Styrofoam® body blank*, 12" pre-drilled wood body blank, 8 gram CO2 cartridge, 4 axle washers, 4 plastic wheels, 2 steel axles, 4" x 4" sandpaper, 11"x17" graph paper, 2 screw eyes, Plastic straw & Design guide.

Balsa Wood

Stk.	Mfr.	Styrofoam Blank*	Storage Box	Qty.	Price
957903	721007	Yes	Yes	1	\$9.77
957916	780256	Yes	No	50	\$311.00
957934	721008	No	Yes	1	\$9.56
957936	780256-WB	Yes	Yes	50	\$367.00

Basswood

Stk.	Mfr.	Styrofoam Blank*	Storage Box	Qty.	Price
957902	711005	Yes	Yes	1	\$8.09
957915	780254	Yes	No	50	\$260.00
957933	711006	No	Yes	1	\$7.88
957935	780254-WB	Yes	Yes	50	\$316.00



Dragster Mega Packs

ABS Mega Packs provide your classroom with everything needed for 50 students to finish their dragsters in style.

Includes 50 complete dragster kits, 5 paint stands, 2 decal kits (225/kit), 144 paint brush

assortment, two 18-piece acrylic paint sets, 50 sets of paintable brushed metal gray hub cap sets, Dragster Video & steering wheel trophy.

Stk.	Mfr.	Type	Qty.	Price
957931	780258	Basswood	1 Kit	\$497.00
957932	780259	Balsa Wood	1 Kit	\$561.00

Styrofoam® Body Blanks

ABS

Quantity Savings!

White

Stk.	Mfr.	Type	Size	Qty.	Price	100 or more
478204	711017	Blank	12" x 1-1/2" x 2-3/4"	1	\$0.55	\$0.49
957897	711018	Sheet	12" x 18" x 1-5/8"	1	\$3.92	



Wood Body Blanks

ABS Pre-drilled hole for CO₂ cartridge.

Quantity Savings!

Stk.	Mfr.	Type	Size	Qty.	Price	100 or more
478205	721015	Balsa Wood	12" x 1-5/8" x 2-3/4"	1	\$3.57	\$3.19
478207	711013	Basswood, Economy	12" x 1-5/8" x 2-3/4"	1	\$2.57	\$2.29
536301	305BASS	Basswood, Premium	12" x 1-5/8" x 2-3/4"	1	\$3.90	\$3.35

536301 | Meets TSA specifications.



CO2 Cartridge w/Safety Weld Closure

Leland Universal fit, 8 gram charge cartridge w/safety weld closure. Made to exacting specifications.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	100 or more
957923	30404	1	\$0.45	\$0.39



CO2 Cartridge w/Safe-sealing Puncture Cap

Leland 8-gram charge cartridge fitted w/ safe-sealing puncture cap that releases the CO₂ in the event that the cartridge is overheated. Especially important when around children. Universal fit. 99.5% purity.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	100 or more
957924	40105	1	\$0.53	\$0.48



Wheel Kits

ABS

Includes 4 ea. color wheels & axle washers, 2 ea. steel axles, screw eyes & straws.

Body blank required, but sold separately.

Quantity Savings!

Wheel Kit Only

Stk.	Mfr.	Color	Qty.	Price	100 or more
478214	700188	Black	1 Kit	\$1.43	\$1.35

Wheel Kit w/8 gram CO2 Cartridge

Stk.	Mfr.	Color	Qty.	Price	100 or more
478203	721061	Black	1 Kit	\$2.38	\$1.99
957942	731013	Red	1 Kit	\$2.75	
957943	731014	Blue	1 Kit	\$2.75	
957944	731015	Green	1 Kit	\$2.75	
957945	731016	Pink	1 Kit	\$2.75	
957946	731017	Yellow	1 Kit	\$2.75	
957947	731018	Orange	1 Kit	\$2.75	



Racing Slicks

ABS 6 spoke racing slicks.

Stk.	Mfr.	Color	Qty.	Price
478218	721025	Black	100	\$15.80

Front Wheels ABS Features 5 spokes & a reinforced hub.

Stk.	Mfr.	Color	Qty.	Price
478216	721020	Black	100	\$15.80

Spoked, Neon-colored Wheels ABS

Front

Stk.	Mfr.	Color	Qty.	Price
957917	721023	Orange	100	\$15.80
957919	721021	Yellow	100	\$15.80
957921	721024	Pink	100	\$15.80

Rear

Stk.	Mfr.	Color	Qty.	Price
957918	721028	Orange	100	\$15.80
957920	721026	Yellow	100	\$15.80
957922	721029	Pink	100	\$15.80



Hub Cap Sets

ABS Fits over rear spoke wheels. Paintable brushed metal gray.

Stk.	Mfr.	Type	Qty.	Price
957892	700250	Full Moon	4	\$0.76
957893	700251	Baby Moon	4	\$0.76
957894	700252	Racing	4	\$0.76
957895	700253	Triple Cutaway	4	\$0.76
957896	700267	4 of each style	16	\$2.10

Washers ABS

Stk.	Mfr.	Qty.	Price
478211	721042	100	\$4.03

Screw Eyes ABS

Stk.	Mfr.	Qty.	Price
478212	721041	100	\$7.04

Dragster Axles ABS

Stk.	Mfr.	Size	Qty./Pkg.	Price
957908	721040	1/8" x 2-1/2"	100	\$4.03

1/8" Dia. Straws ABS Used as axle bearings for dragsters or for building model bridges.

Stk.	Mfr.	Size	Qty.	Price
478215	721043	1/8" dia. x 8"L	500	\$11.40

Dry Transfer Decals ABS Fastest, easiest way to customize CO2 dragsters.

Stk.	Mfr.	Price
478209	700181	\$12.60



Dragster Paint Stand

ABS Solid plastic stand has an expired CO2 cartridge fixed to a thumb screw so dragsters can be attached & rotated for painting w/out being touched. Cleans easily.

Shown w/dragster, sold separately.

Stk.	Mfr.	Price
957905	731050	\$17.60



Extra Fine Graphite Lubricant

AGS Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

Stk.	Mfr.	Size	Price
942897	MZ-5	32 grams	\$5.02



Slide-All Dry Spray Lubricant

Elmer's Teflon dry spray lubricant provides more slip than silicone and graphite, but without oily stains.

Stk.	Mfr.	Size	Price
257619	E450	4 oz.	\$6.08



Pro Survivor Stopwatch

Accusplit Rugged, shock & water resistance. Million cycle switches operate cleanly, precisely & reliably. Large digits for easy viewing. Features split timing, time & date functions. 1.5 year battery life. 5-yr. mfr.'s warranty. Blue.

Includes lanyard, battery & instructions.

Stk.	Mfr.	Price
122001	AX601X-BU	\$20.00



Survivor Stopwatch

Accusplit WOS 2.5 operating system. Cum split only. Timing range 24 hours. Event/time-out. 1,2 fast finish. Split/release action. Alarm & date. XL liquid crystal display. Water resistant.

Includes lanyard, battery & instructions.

Stk.	Mfr.	Price
122000	S1XLBK	\$9.60



Hot Wire Thermocut Styrofoam/Polystyrene Cutter

Proxxon Easily cut Styrofoam®, Polystyrene & thermoplastic materials freehand or w/stencils. Makes a combination of straight, tight curves & smooth cuts. Large aluminum table w/printed grid, protractor & miter gauge ensures fast,

accurate cuts. LED indicates operation & helps prevent burns. Adjustable cutting wire temperature heats to maximum in under 1 sec.

Max. cut 5-1/2"H. Throat 13-3/4". Wire temp. 210°-390°.

110V. Table 15-11/32"L x 11"W. Weight 6.6 lbs.

Stk.	Mfr.	Price
303000	37080	\$179.00

Replacement Wire, 98' spool

Stk.	Mfr.	Price
303001	28080	\$14.90

We're experts when it comes to setting up your classroom, shop & lab.
Call us at 800-831-5904.



Thermocut Styrofoam Cutter

Proxxon For freehand cutting and construction in thick Styrofoam w/out crumbling. Stable frame w/pivotal fixture at the top & extendable lower wire fixture. Shape wire as desired. Variable temperature control heats up in 1 second. 2-yr. mfr.'s warranty.

Max cut 5-3/4"H. Throat 7.9".

Wire temp. 300°-600°. 12V. Size 12-3/4"L x 6-3/4"W. Weight 1 lb.

Includes 5 shapeable cutting wires (20 ga., 11.4"L).

Requires Micromot AC adapter, sold separately.

Stk.	Mfr.	Price
303010	27082	\$75.20

Micromot AC Adapter Proxxon

Stk.	Mfr.	Price
303012	38706	\$46.90

Thermocut Styrofoam Cutter Wire Proxxon Replacement wire. 10/pkg.

Stk.	Mfr.	Price
303011	28082	\$27.00

Polystyrene Sheets

ABS Sturdier than Styrofoam®, dense, lightweight expanded polystyrene foam is great for vehicle bodies, prototypes, intricate shapes, wings & more.

Stk.	Mfr.	Size	Qty.	Price
543471	MWPS-1	11-1/2" x 23-1/2" x 1"	1	\$3.00
543472	MWPS-1-1/2	11-1/2" x 23-1/2" x 1-1/2"	1	\$4.95
543473	MWPS-2	11-1/2" x 23-1/2" x 2"	1	\$6.90

Flight Dynamic Wind Tunnel



Kelvin Extremely quiet wind tunnel features absolutely straight air flow ideal for showing air currents. Wind speed can reach over 30-mph. Large window for easy viewing. Instructions test for & illustrate the effects of airflow, draft, coefficient of drag & aerodynamics.

Size 56"L x 18"W. Test chamber 6"W x 12"L.

Includes instructions, air indicator & test objects.

Shown w/Wind Tunnel Scale Pkg., sold separately

Stk.	Mfr.	Price
492174	841786	\$1,838.00

Kel-Lift & Drag Sensor™ Measures lift & drag using a rod connected to multiple sensors. Attaches item to interface rod. Mounts inside or below any wind tunnel. **Includes** interface w/USB port, USB cable, Windows® compatible software & Digital Wind Meter.

Stk.	Mfr.	Price
492175	841410	\$1,200.00

Wind Tunnel Scale Package Measures drag on a car in the wind tunnel. **Includes** scale, test tray & all accessories.

Stk.	Mfr.	Price
492176	841787	\$340.00

CAN'T FIND IT?

We have access to 1,000's of Products not listed here.

Call us for assistance. 800-831-5904

Dragster Launcher



Kelvin Eliminates the need for CO2 cartridges. Easy-to-use launcher uses compressed air delivered in equal amounts to launch dragsters. The 1- or 2-lane system launches vehicles safely & accurately. Ideal for teaching vehicle aerodynamics, mass ratios & speed ratios. Uses less

wood for body design & allows for multiple test launches.

Requires portable air compressor, sold separately.

Stk.	Mfr.	Size	Qty./Pkg.	Price
492180	840814			\$391.00

Portable Air Compressor For use w/Launcher

Stk.	Mfr.	Size	Qty./Pkg.	Price
291141	FP2028			\$133.00

Dragster Kits Each kit includes blank w/ pre-drilled hole, 4 wheels, 2 axles, 4 washers, 2 screw eyes & straw.

Stk.	Mfr.	Size	Qty./Pkg.	Price
492191	840917	7-1/2"L	10 Kits	\$42.30
492192	840918	10"L	10 Kits	\$45.90

Dragster Blanks Wood blank without hole.

Stk.	Mfr.	Size	Qty./Pkg.	Price
492165	390555	10"L	100	\$169.00
492166	390556	7-1/2"L	100	\$113.00

CO2 Dragster Raceway System & Ramps ABS



Manual Raceway System System simultaneously fires both vehicles from the start gate. Finish gate catches the car & designates the winner. **Includes** start gate, finish gate w/winning lane indicator & racing instructions. Timing & starting lights not included.

Stk.	Mfr.	Price
957960	731054	\$594.00

Electronic Raceway System Close to real dragster racing! 2 vehicles race against each other in their own lanes & are started w/real "Christmas tree" dragster lights. System can be set to fire both cars independently or simultaneously timed to 1,000th of a sec. **Includes** start & finish gates, firing handles & starting lights.

Stk.	Mfr.	Price
478233	740041	\$1,114.00

Elevated Racetrack for Electronic or Manual Systems Add realism & excitement to your race event w/this sturdy, elevated racetrack. Wood track has black & oak finish & stands solidly on steel legs, which fold up after use. Both start & finish gates fasten on track w/ bolts. Nine 8' sections total 72'L to meet TSA racing regulations.

Stk.	Mfr.	Price
957927	740065	\$1,804.00

Firing Pins For use w/Electronic Raceway System. 2/pkg.

Stk.	Mfr.	Price
478230	711049	\$15.50

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

AIRBRUSH & PAINT EQUIPMENT

PAINT & BRUSH SETS



Brush Assortment

Linzer Camel hair brushes with metal ferrules and plastic handles. Use for models, watercolors, hobbies and crafts.

Includes 24 of each #1, #2, #3, #4, #5 & #6.

Stk.	Mfr.	Price
942805	A9000	\$22.10



Brush Set

Linzer Pony hair brushes with metal ferrules and plastic handles.

Includes 2 ea. of #'s 1, 2, 3, 4, 5 & 6.

Stk.	Mfr.	Price
504000	A9018	\$2.34



Air-Opaque™ Paint

Badger For students wanting vibrant color with consistent results. Formulated for air brushes, technical pens and paint brushes on paper, illustration board and canvas, plus wood

and Styrofoam® models. Ready-to-use paints are quick drying, water resistant, pre-reduced, colorfast, water-based, nontoxic, nonflammable, noncarcinogenic. Mix paints for more colors.

Primary Set Includes crimson, yellow, blue, green, brown, black, white.

Stk.	Mfr.	Size	Colors	Price
222359	701	1 oz.	7	\$24.30

Secondary Set Includes scarlet, magenta, orange, violet, indigo, aqua, turquoise.

Stk.	Mfr.	Size	Colors	Price
222360	702	1 oz.	7	\$24.30

Acrylic Paint Sets



Sargent Art Opaque acrylic paints are non-toxic, water-based, relatively fast-drying and permanent. For use on wood, plaster, bisque and clay (*not a glaze for firing*), paper, paper mache, foam and canvas.

Premier Set Includes yellow, blue, green, red, black, white.

Stk.	Mfr.	Size	Colors	Price
196218	665420	3/4 oz. each	6	\$6.15

Primary Set Includes peach, violet, orange, brown, turquoise & magenta, yellow, blue, green, red, black, white.

Stk.	Mfr.	Size	Colors	Price
196219	665421	3/4 oz. each	12	\$11.30

Acrylic Craft Paint



Deep Flex Get creamy-smooth brushability and maximum coverage with these paints that are nontoxic, water-based, fast-drying and permanent. Use them on wood, plaster, bisque, clay, plastic, foam, canvas, paper, paper mache and most porous surfaces.

Stk.	Mfr.	Size	Colors	Price
478232	740094	1/2 oz. ea.	18	\$29.60

AIRBRUSH SETS



Model 350 Airbrush Set

Badger Single-action, bottom-feed, external mix airbrush is great for stippling and spraying broader areas. Sprays high-viscosity materials such as ceramic glasses and stains and hobby enamels. Made of high-impact nylon, resistant to solvents and paint chemicals.

Includes 3 sizes of fluid tips & needle assemblies, 3/4 oz. jar, 2 oz. jar w/cover, 8' braided air hose, 1/4" pipe thread fitting, wrench & manual.

Stk.	Mfr.	Price
222355	350-4	\$104.00



Crescendo™ Airbrush Set

Badger A durable, versatile airbrush that works continuously without breakdown. Spray regulators and tips change easily for greater diversity. Sprays properly reduced acrylics, acrylic enamels and lacquers, gouaches, fabric colors, inks, dyes, ceramic colors and glazes, watercolor, Air-Opaque™, Air-Tex™ and ACCU-flex™ colors.

- Bottom-feed, dual action, internal mix
- 1-piece, no-slip angled trigger for durability & comfort
- Snap-off handle for quick needle changes & cleaning
- Adaptable to 3 head sizes: fine, medium & large

Includes airbrush w/3 tips, spray regulators & needles (*fine, medium & large*), 8' braided air hose, 3/4 oz. jar w/jar adapter, two 2 oz. paint jars, 1/4 oz. metal color cup, 2 trigger pads, airbrush hanger & protective cap.

Stk.	Mfr.	Price
222352	175-7	\$153.00



Model 360 Universal Airbrush

Badger The only airbrush capable of performing in a gravity-feed as well as a bottom-feed mode.

- 360° front end rotation allows for either gravity or bottom feed usage
- Single nozzle/needle sprays from pencil-thin lines to 3" pattern

- Sprays all materials from acrylics to watercolors, inks to lacquers, Air-Opaque™, Air-Tex™ & MODELflex™ airbrush paints
- Finger-tight assembly tolerances
- Balance system corrects weight apportionment
- Trigger cushion is ultra comfortable & ergonomically correct
- Lifetime mfr.'s warranty on labor & Teflon seals

Includes all-purpose nozzle/needle, attachable jar, additional jar w/cover, trigger pad, protective cap & manual in plastic case.

Stk.	Mfr.	Price
222357	360-1	\$193.00



Hobby Spray Gun Set

Badger Basic set with everything needed to start working with spray gun. Perfect for jobs requiring a simple but effective spray. Step-by-step hobby guide is filled with helpful sections such as preparation for painting, camouflage, weathering and more.

Includes attachable 3/4 oz. jar, 6' air hose, propel regulator & can, 3/4 oz. mixing jar w/cover, 3 MODELflex™ colors, mixing pipette, manual & case.

Stk.	Mfr.	Price
222354	250-7	\$72.20

Anthem Airbrush Set



Badger User-friendly airbrush is versatile and comfortable. The thinner dia. needle and cone-shaped paint tip enable a single needle/tip configuration to spray virtually any desired material, eliminating the need for fine, medium or large needle/tip variations. Also enables novice

airbrush user to create and maintain the finest of lines with ease, yet meets the most exacting standards of accomplished users.

Includes airbrush w/protective cap, 8' braided air hose, 3/4 oz. jar w/jar adapter, 3/4 oz. jar w/cap, one 2 oz. paint jar, 1/4 oz. color cup & labeled box.

Stk.	Mfr.	Price
222356	155-7	\$145.00

Single-Action Airbrush Set



Paasche Sturdy, flexible single-action airbrush for all skill levels. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, 1/4 oz. metal color cup, 1 oz. color bottle assembly w/cap/gasket, 2 color-adjusting parts, 2 air caps, 2 wrenches, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640330	H-SET	\$72.20

Complete Airbrush Outfit



Speedy A great setup for the beginning or more experienced hobbyist and crafts maker. Features a hobby compressor with toggle switch for ample, oil-free air delivery.

Includes hobby compressor, airbrush quick-release 1 oz. jar & medium material nozzle, extra 1 oz. & 2 oz. jars, 8' air hose & bleeder valve for use w/non-bleeder airbrushes.

Stk.	Mfr.	Item	Price
279220	HS430		\$390.00
279320	HS1520SM	Replacement Jars 3/pkg., 1 oz.	\$14.70

Jar & Nozzle Assemblies

Stk.	Mfr.	Item	Price
278985	HS31	Fine	\$31.50
278986	HS32	Medium	\$31.50
278987	HS33	Heavy	\$31.50

Double-Action Airbrush Set



Paasche Sturdy, flexible double-action airbrush can spray patterns from fine detail to broader coverage handling light, medium and heavy fluids. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, head-protecting cap, 1/4 oz. metal color cup, 1 oz. bottle assembly w/cap/gasket, 2 tips, 2 needles, 2 air caps, wrench, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640331	VL-SET	\$94.30

AIR COMPRESSORS

Airstorm Air Compressor



Badger Lightweight, maintenance-free unit is excellent for moderate use. Features auto shut-off, hinged handle and 1/8" hose connection. ETL certified.

Air delivery (scfm) 0.81 @ 57 psi. Size 8-1/4"L x 5-1/2"W x 7-3/4"H. Weight 7.93 lbs.

Includes 6' cord w/3-pronged plug, on/off switch, 4 suction-cup feet & 1/8" to 1/4" hose adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
222365	180-15	110	1/6	57 psi	\$209.00

D500 Air Compressor



Paasche Economical, lightweight compressor works with all airbrushes spraying properly thinned fluids. Oil-free unit delivers 20-40 psi.

Air delivery (scfm) 0.4 @ 20 psi. Size 14"L x 6"W x 8"H. Weight 12 lbs.

Includes 6' cord w/3-pronged plug & 4 suction-cup feet.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
640332	D500	115	1/8	40 psi	\$113.00

DC600R Airbrush Compressor



Paasche Tank mounted compressor contained in a metal enclosure with carrying handle. Compressor shuts off when airbrush is not in use. Operating pressure 20 to 35 PSI with max pressure up to 65 PSI depending on airbrush being used.

• Protective case w/2 airbrush holders

- 1 gallon tank for pulsation free airbrushing
- Regulator & moisture trap
- Oil-free piston type
- Thermal protected
- Noise level 50db

Size 16"L x 6.5"W x 16"H. Weight 24 lbs.

Includes R-75 regulator & moisture trap.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
640335	DC600R	115	1/6	65 psi	1 gal.	\$273.00

Portable Air Compressor



Campbell Hausfeld For inflation, brad nailing, stapling and airbrushing. 1 gal. tank eliminates the pulsations caused by piston action. Conveniently placed, easy-read gauge for easy monitoring of air pressure. Sturdy handle allows handy transport and storage.

Air delivery (scfm) 0.51 @ 40 psi & 0.39 @ 90 psi.

Size 11.8"L x 11.8"W x 12.7"H. Weight 16 lbs.

Includes 2 inflation nozzles, needle & adapter, air chuck & 25' recoil hose.

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
291141	FP2028	120	100 psi	1 gal.	\$133.00

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SPRAY BOOTHS



HSSB Bench Top Spray Booth

Paasche Rugged, compact, portable, easy-to-assemble unit is perfect for small ceramics to radio control models. Intended to remove larger particles from the air (*but will not remove all hazardous airborne materials*). When spraying materials that have strong vapors or

harmful chemicals, vent exhaust outside (& when necessary wear goggles & protective paint/vapor mask). Made of durable, galvanized metal for easy cleaning.

115V, 1/4 HP, 1 Phase. Inside working area 16"H x 20"D.

Includes carbon & fiberglass filter system, vent & enclosed motor.

22"L (inside) 235 cfm. Weight 39 lbs. (shipping)

Stk.	Mfr.	Price
640370	HSSB-22-16	\$311.00

30"L (inside) 470 cfm. Weight 44 lbs. (shipping)

Stk.	Mfr.	Price
640371	HSSB-30-16	\$506.00

Charcoal Replacement Filter, 1/pkg.

Stk.	Mfr.	Price
640280	CHAR-8	\$8.60

Polyester Replacement Filters, 2/pkg.

Stk.	Mfr.	Price
640298	AG-8-2	\$6.88



BBF Bench Top Spray Booth

Paasche Made of 20 ga. galvanized steel, this unit's powerful motor filters dangerous fumes away from students. Its large size accommodates spraying of parts. Convenient, disposable fiberglass filters. Booths in single or multiple sections are ideal where space is limited.

Inside working area 2'W x 2'H x 2'6"D.

Outside size 2'1"W x 3'1"H x 3'D. 140 lbs.

Includes belt guard, draft gauge, 2 sets of filters, vent & enclosed motor.

Must be assembled & hardwired.

Stk.	Mfr.	Volts	HP	Phase	CFM	Price
640349	BBF-2	115	1/4	1	1,100	\$1,456.00
640350	BBF-2	230	1/4	3	1,100	\$1,456.00

Replacement Filters Paasche Convenient, disposable fiberglass filters. Fits Paasche BBF & EBF Series Bench Top Spray Booths. 12" x 25" x 2". 50/pkg.

Stk.	Mfr.	Price
640299	AG-12	\$90.20



Painting Hood & Cabinet System

Shain Fabricated of 18 ga. steel with corrosion resistant, powder coat baked epoxy finish. The upper booth enclosure includes a standard vapor-proof light and two filters set in an easy to change flange bracket system. Globe interior light is mounted and wired to common junction box.

Blower motor operates at an RPM designed to provide 100 LFM and approximately 3/4" of static pressure.

Blower is mounted on top and wired to common junction box. Cabinet constructed of solid hardwood, solid maple and maple veneers with locking double doors and 1 adjustable shelf. Galvanized steel top.

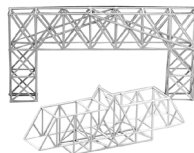
Dimensions: 36"W x 24"D x 97.75"H.

Dimensions: 36"W x 24"D x 97.75"H.

Secure cabinet to the wall for safety. Hardware not included.

Stk.	Mfr.	Price
155005	8200M	\$4,656.00

BRIDGE BUILDING KITS & TESTERS



Model Bridge Design Class Pack of 24

Midwest Products Creative problem-solving activity for middle and high school students.

They'll design and construct wooden bridges, then enjoy the thrill of destructive testing to calculate the bridge's efficiency and determine the best design.

Bridge building supports geometry, physics, technology education, mathematics and general science. In addition to classroom competition, there are numerous state and nationwide annual competitions which offer recognition and awards.

Select 360 pieces of either 1/8" x 1/8" x 24" balsa or 3/32" x 3/32" x 24" basswood. Balsa is lighter, basswood is stronger and more dense. Teaching with the Model Bridge Building Program booklet in every class pack to aid to your class planning (*also available separately*).

Includes wood & glue or 24 students, design parameters to conduct the competitive lab activity & manual.

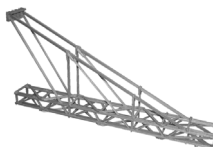
Quantity Savings!

Stk.	Mfr.	Type	Qty.	Price	4 or more
536360	8650	Basswood	1 Kit	\$63.80	\$54.00
536370	8660	Balsa Wood	1 Kit	\$68.00	\$59.00

Teaching with Model Bridge Building Program Booklet

Midwest Products

Stk.	Mfr.	Price
536373	8665	\$3.38



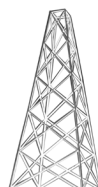
Boomilever Class Pack

Midwest Products Students learn the principles of physics and engineering while building a pre-designed boomilever. Kit prepares them for the Science Olympiad Boomilever Competition. Also great for classroom competition.

Overall size 16-3/4"L x 2"W x 8-1/4"H.

Includes balsa, basswood, glue & full-size building plans for 15 students, plus Teaching with Midwest's Boomilever Kit teacher's guide CD (*provides National Science Standards, web links & more*).

Stk.	Mfr.	Qty.	Price
536449	8676	1 Kit	\$128.00



Balsa Tower Class Pack

Midwest Products Hands-on, tower-building challenge is a creative, problem-solving kit with construction concepts and design secrets. Using premium balsa wood, students will fashion lap or butt joints for symmetrical, winning prototypes. Class pack for 24 students.

Includes 360 balsa strips of 1/8" x 1/8" x 24", B-size graph paper sheets, bottles of tacky formula glue, student instructions & teacher's manual.

Stk.	Mfr.	Qty.	Price
536359	8655	1 Kit	\$72.30

Place your order on-line!
www.midwesttechnology.com



Lift Bridge Operating Model

Midwest Products Scale model Bascule bridge, a drawbridge with counterweight continuously balances the bridge span. Teaches the concepts of center of balance, equilibrium and the lever of a simple machine. Intermediate-level kit (for grades 5-12) contains 1 leaf of the 2-leaf bridge.

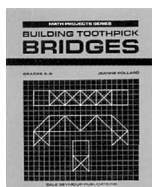
Overall size 12-3/4"L x 4-3/4"W x 5-1/4"H. Scale 1/130.

Includes precision laser-cut wood parts, hardware, adj. counterweight & roller platform.

Stk.	Mfr.	Qty.	Price
536450	86702	1 Kit	\$12.60

Class Pack Includes the above, plus Comprehensive Teacher's Guide CD which gives National Science Standards, web links, lesson plans for 2 grade levels (5 to 8 & 6 to 12).

Stk.	Mfr.	Qty.	Price
536451	8670	12 Kits	\$126.00



Building Toothpick Bridges

ABS Students will learn the business and teamwork aspects of bridge building. Brings practical approach to math, geometry and social studies through the exercise of building a bridge.

Includes teachers guideline & bridge plans.

Stk.	Mfr.	Price
957886	740174	\$52.70

Toothpicks

ABS

Stk.	Mfr.	Item	Qty.	Price
957887	740181	Round	800	\$5.60
957888	740182	Square	800	\$5.60

1/8" Dia. Straws

ABS Used as axle bearings for dragsters or for building model bridges.

Stk.	Mfr.	Size	Qty.	Price
478215	721043	1/8" dia. x 8"L	500	\$11.40

1/4" Dia. Straws

ABS Used for bridge building.

Stk.	Mfr.	Size	Qty.	Price
957884	700081	1/4" dia. x 7-3/4"L	300	\$8.14



Earthquake Structure Tester

Kelvin Have students design and build a tower, bridge or house from balsa wood. Then attach it to the Earthquake Machine and turn the earthquake on. Vary the speed using the variable speed power supply (sold separately) and see how long it takes before the structure begins to fall apart. Includes 1,000g weight which can be attached to the structure to give it more destruction mass.

Stk.	Mfr.	Price
492190	840880	\$672.00

Variable Speed Power Supply

Stk.	Mfr.	Price
492198	841051	\$196.00



Structural Stress Analyzer

AMT Authentic testing platform designed to be both dependable and durable, the SSA enables students to perform materials testing in the same manner found at the college level - a perfect experience for inclusion in the student portfolio. With forces up to 1,000 lbs. the SSA

displays real time data measuring force and deflection of classroom-constructed towers, bridges and tensile samples. This stress-strain relationship curve allows students to analyze and describe the performance of samples using college level concepts and vocabulary - an essential experience for college and career readiness.

- Rigid aluminum construction for stable desktop operation
- Maximum breaking force of 1,000 lbs.
- Proprietary graphing software & interface cable, for use with all Windows based operating systems
- Simple 2 button-operated LCD readout showing maximum force & deflection allows for both interfaced & standalone use
- Comprehensive user's manual & 20 day curriculum
- Mfr.'s 1-yr. warranty & tech support

Size 7"D x 19"W x 35"H. Weight 60 lbs. 120V.

Includes tensile testing adapter and 15 test samples.

Shown w/computer, mouse & monitor, not included.

Stk.	Mfr.	Price
197801	SSA1000KIT	\$4,030.00

Tensile Specimen AMT

Stk.	Mfr.	Item	Price
197811	TS-A	Aluminum	\$8.40
197812	TS-B	Brass	\$8.40
197813	TS-S	Steel	\$8.40



Tensile Tester

Fischer For testing of specimens that will require from 300 - 5,000 lbs. (+/- 1% Accuracy) of tensile load to cause fracture. Consisting of a load frame and a pumping system, the operator has precise control over the entire operation. Self-tightening grips accept up to 0.125" x 1.13" cross section, but the 5,000 lb. maximum load limits the largest

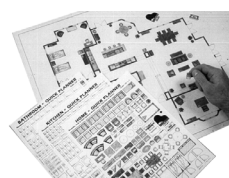
specimen that can be tested (varies according to material strength). Provides digital readout of live & peak loads. Meets ASME, AWS Codes & MIL Standards. Calibration (ASTM E4) traceable to NIST Standards.

Tester 31"H x 7"W x 4"D. Pump 6"H x 4"W x 14"D. Weight 34 lbs.

Includes hand-operated pump.

Stk.	Mfr.	Price
405903	TT2	\$2,941.00

HOME PLANNING KITS



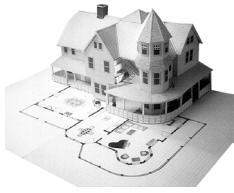
Home Quick Planner

Design Works Inc Kit allows you to organize and change plans without having to draw and redraw your layout. Provides a full assortment of 1/4" scale, pre-cut, reusable, peel and stick symbols to place directly onto sketch or blue-print or to 5,600 sq. ft. floor plan grid. Add

color and detail to each Quick Planner symbol to help visualize exactly how real item will look in the home.

Includes hundreds of furniture & architectural symbols, 5,600 sq. ft. floor plan, plus design notes & checklist to help design & evaluate plans.

Stk.	Mfr.	Price
322300	HQP	\$23.80



3-D Home Kit

Design Works Inc Build a 3-dimensional scale model of your design. Kit provides all materials to design floor plans and build a detailed 1/4" scale model of your design - up to 6,200 sq. ft. Use to improve design, save time and avoid costly mistakes.

Includes model building materials, hundreds of furniture & architectural symbols, instructions, floor plan grid, scale ruler & roof slope calculator & notes from a professional designer on how to plan & evaluate designs.

Requires scissors or X-Acto knife, metal straight edge & white glue or tape, sold separately.

Stk.	Mfr.	Price
322302	3-DHK	\$28.50



Young Architect Kit

Slinky Create 3-dimensional models in 3 easy steps. Design a floor plan using room templates, furnish floor plan using the floor guide and colored pencils and build a 3-dimensional model on top of your floor plan. Reusable design and building set for the aspiring young architect. For ages 10+.

Includes 9 room templates, 6 large pieces of tracing paper, 3 furniture guides, acrylic wall and blocks, sheet of peel and stick doors and windows, 18" x 24" acrylic work mat & 4 colored pencils.

Stk.	Mfr.	Price
621550	08701	\$87.50

MODEL BUILDING

House Framing Kits

Midwest Products These 3/4" scale model house framing kits provide all necessary materials for students to construct their own house. They learn the fundamentals of house framing & develop a strong sense of accomplishment when they finish their house. Students will learn to:

- Identify lumber by size, name & use in the wood frame
- Frame according to accepted building codes
- Understand & relate floor plan to framed structure
- Appreciate the importance of accuracy
- Define & use carpentry terms

Each kit includes 3/4" scale working drawings, instructions, micro-cut balsa wood, cutting tools, measuring tape, layout pencil, nails, custom miter jig & a work base that doubles as a foundation for the completed model.



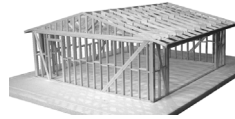
1-Story Hip Roof House

Midwest Products Model has 2 bedrooms, bathroom, kitchen, hallway, dining room, living room.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478520	100-IC	816	6-12	\$98.90

Refill Kit Includes foam base, micro-cut balsa wood & nails.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478521	R-100-IC	816	6-12	\$80.00



2-Car Garage

Midwest Products Truss roof structure.

Stk.	Mfr.	Grade Level	Price
478526	102-IC	6-12	\$98.90

Refill Kit Includes foam base, micro-cut balsa wood & nails.

Stk.	Mfr.	Grade Level	Price
478527	R-102-IC	6-12	\$80.00



2-Story Town House

Midwest Products Completed model has kitchen, bedroom, living room, 1-1/2 bathrooms and staircase. Kit combines conventionally-framed and balloon-framed walls (vaulted ceiling). Roof is framed with trusses and conventional rafters. Second story construction

uses floor joists and sub-floor sheathing.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478532	105-IC	730	6-12	\$98.90

Refill Kit Includes foam base, micro-cut balsa wood & nails.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478533	R-105-IC	730	6-12	\$80.00



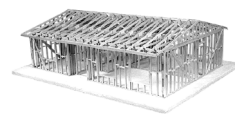
A-Frame Cabin

Midwest Products One bedroom A-frame cabin with spiral stairway, living room, bathroom, kitchen, bedroom and loft.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478524	101-IC	588	6-12	\$98.90

Refill Kit Includes foam base, micro-cut balsa wood & nails.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478525	R-101-IC	588	6-12	\$80.00



Truss Roof House

Midwest Products Completed model has 2 bedrooms, bathroom, kitchen, hallway, dining room and living room.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478530	104-IC	816	6-12	\$98.90

Refill Kit Includes foam base, micro-cut balsa wood & nails.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
478531	R-104-IC	816	6-12	\$80.00



Country House Kit

Matchitecture An easy and exciting construction technique, simply cut and glue microbeams together, according to the plans.

Each model is built with wood sticks called microbeams, which are cut, stuck and joined according to detailed plans and by following the step-by-step instructions. Every part of the construction is assembled directly on the acetate sheet provided. Intermediate skill level. For ages 12+.

Includes 2,180 microbeams, cutting tools, templates & instructions.

Stk.	Mfr.	Price
513000	MATCH6623	\$50.40

Wood Building Kits

Education Models Students also learn basic construction mathematics. 1" : 1' scale. Each kit includes materials, templates & instructions.



Garage Kit

Educational Models Building on the basics learned in the Utility Building Kit, the Garage Kit covers constructing doors, windows, trusses, and more.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
380701	201	384	6+	\$68.40



Home Kit

Educational Models This advanced construction kit will challenge students as they explore the more complicated aspects of building a

house from the foundation to the gable end. In addition to basic construction information, students will learn various math concepts.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
380702	301	886	6+	\$152.00



Utility Building Kit

Educational Models Students learn basic construction concept while creating a utility building

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
380700	101	64	6+	\$31.40

*Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904*



“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com



MICRO-CUT SCALE LUMBER

Basswood

Bud Nosen Select basswood strips cut to very close tolerances. Softwood has wonderful carving characteristics, yet is strong enough to hold the shape of intricate designs. Use for architectural or engineering models. Easy-to-cut and shape with hand or machine tools. Glues well and finishes easily with latex paint or polyurethane.

Quantity Savings!

Wood Strips

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
196076	3001-50PK	1/32" x 1/16" x 24"	50	\$9.00	\$8.10
196065	3151-50PK	1/16" x 1/16" x 24"	50	\$7.20	\$6.48
536500	3152-60PK	1/16" x 3/32" x 24"	60	\$9.72	\$8.75
196074	3153-50PK	1/16" x 1/8" x 24"	50	\$9.00	\$8.10
536502	3154-45PK	1/16" x 3/16" x 24"	45	\$10.60	\$9.50
196073	3155-50PK	1/16" x 1/4" x 24"	50	\$13.50	\$12.20
536504	3157-28PK	1/16" x 3/8" x 24"	28	\$10.60	\$9.52
536505	3158-24PK	1/16" x 1/2" x 24"	24	\$11.30	\$10.20
536362	3202-60PK	3/32" x 3/32" x 24"	60	\$10.80	\$9.72
196066	3253-50PK	1/8" x 1/8" x 24"	50	\$9.00	\$8.10
536510	3255-30PK	1/8" x 1/4" x 24"	30	\$9.18	\$8.26
196068	3255-50PK	1/8" x 1/4" x 24"	50	\$15.30	\$13.80
536511	3257-20PK	1/8" x 3/8" x 24"	20	\$9.36	\$8.42
196070	3257-50PK	1/8" x 3/8" x 24"	50	\$23.40	\$21.10
536395	3258-15PK	1/8" x 1/2" x 24"	15	\$9.18	\$8.26
196067	3258-50PK	1/8" x 1/2" x 24"	50	\$30.60	\$27.60
196071	3268-50PK	1/8" x 5/8" x 24"	50	\$34.20	\$30.80
536428	3259-12PK	1/8" x 3/4" x 24"	12	\$8.86	\$7.97
196069	3259-50PK	1/8" x 3/4" x 24"	50	\$36.90	\$33.30
536364	3354-36PK	3/16" x 3/16" x 24"	36	\$10.40	\$9.32
536513	3357-20PK	3/16" x 3/8" x 24"	20	\$11.60	\$10.50
536514	3358-15PK	3/16" x 1/2" x 24"	15	\$10.00	\$9.00
536365	3455-20PK	1/4" x 1/4" x 24"	20	\$9.36	\$8.43
196078	3455-50PK	1/4" x 1/4" x 24"	50	\$23.40	\$21.10
536515	3457-16PK	1/4" x 3/8" x 24"	16	\$9.22	\$8.30
536516	3458-12PK	1/4" x 1/2" x 24"	12	\$9.08	\$8.17
536366	3557-15PK	3/8" x 3/8" x 24"	15	\$11.40	\$10.30
536367	3658-10PK	1/2" x 1/2" x 24"	10	\$10.80	\$9.72

Wood Blocks

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
536377	3843	2" x 2" x 12"	1	\$2.20	\$1.98
536378	3847	2" x 4" x 12"	1	\$4.76	\$4.28
536379	3849	2" x 6" x 12"	1	\$7.00	\$6.30

Wood Sheets

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
536368	3163-15PK	1/16" x 3" x 24"	15	\$15.20	\$13.70
536369	3213-15PK	3/32" x 3" x 24"	15	\$17.60	\$15.80
536374	3263-15PK	1/8" x 3" x 24"	15	\$20.00	\$18.00
536375	3363-10PK	3/16" x 3" x 24"	10	\$15.20	\$13.70
536376	3463-10PK	1/4" x 3" x 24"	10	\$17.50	\$15.80

CAN'T FIND IT?
We have access to 1,000's of Products not listed here.
Call us for assistance. 800-831-5904

Balsa Wood

Bud Nosen Select Triple A Grade balsa wood strips cut to very close tolerances. Use for aircraft, architectural and engineering models. Light, but very strong wood is easy-to-cut and shape with hand tools, sanding blocks and X-Acto® style blades. Sand lightly for a velvet feel. Glues well and finishes easily with water-based paints or varnishes.

Quantity Savings!

Wood Strips

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
536380	1011-60PK	1/16" x 1/16" x 36"	60	\$12.00	\$10.80
536397	1012-57PK	1/16" x 1/8" x 36"	57	\$12.60	\$11.30
536461	1014-30PK	1/16" x 1/4" x 36"	30	\$8.40	\$7.56
536463	1015-28PK	1/16" x 3/8" x 36"	28	\$9.52	\$8.57
536398	1016-24PK	1/16" x 1/2" x 36"	24	\$10.60	\$9.50
196092	102224-100PK	3/32" x 3/32" x 24"	100	\$17.40	\$15.60
196091	1022-50PK	3/32" x 3/32" x 36"	50	\$13.00	\$11.70
196085	104324-100PK	1/8" x 1/8" x 24"	100	\$17.40	\$15.70
536477	1044-36PK	1/8" x 3/16" x 36"	36	\$10.80	\$9.72
536382	1043-36PK	1/8" x 1/8" x 36"	36	\$9.36	\$8.45
196082	1043-50PK	1/8" x 1/8" x 36"	50	\$13.00	\$11.70
536399	1045-30PK	1/8" x 1/4" x 36"	30	\$10.80	\$9.72
196084	1045-50PK	1/8" x 1/4" x 36"	50	\$18.00	\$16.20
536400	1046-20PK	1/8" x 3/8" x 36"	20	\$6.80	\$6.12
196087	1046-50PK	1/8" x 3/8" x 36"	50	\$20.00	\$18.00
536401	1047-15PK	1/8" x 1/2" x 36"	15	\$7.80	\$7.02
196083	1047-50PK	1/8" x 1/2" x 36"	50	\$26.00	\$23.40
196088	1050-50PK	1/8" x 5/8" x 36"	50	\$29.40	\$26.50
196086	1048-50PK	1/8" x 3/4" x 36"	50	\$35.00	\$31.50
536383	1054-25PK	3/16" x 3/16" x 36"	25	\$8.50	\$7.65
536482	1056-15PK	3/16" x 3/8" x 36"	15	\$7.50	\$6.75
536483	1057-12PK	3/16" x 1/2" x 36"	12	\$7.20	\$6.48
196081	107524-100PK	1/4" x 1/4" x 24"	100	\$35.10	\$31.60
536384	1075-20PK	1/4" x 1/4" x 36"	20	\$8.84	\$7.96
196080	1075-50PK	1/4" x 1/4" x 36"	50	\$26.00	\$23.40
536490	1076-15PK	1/4" x 3/8" x 36"	15	\$10.20	\$9.18
536402	1077-12PK	1/4" x 1/2" x 36"	12	\$8.40	\$7.56
536403	1211-6PK	1" x 1" x 36"	6	\$16.20	\$14.60

Wood Blocks

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
536392	1713	1" x 1" x 12"	1	\$1.12	\$0.99
536405	1723	1" x 2" x 12"	1	\$2.06	\$1.85
536407	1733	1" x 3" x 12"	1	\$2.98	\$2.68
536406	1731	1/2" x 3" x 12"	1	\$1.66	\$1.49
536393	1725	2" x 2" x 12"	1	\$3.14	\$2.80
536408	1735	2" x 3" x 12"	1	\$4.62	\$4.16
536394	1736	3" x 3" x 12"	1	\$7.00	\$6.30

Wood Sheets

Stk.	Mfr.	W x Thick. x L	Qty.	Price	5 or more
536404	1130-20PK	1/32" x 3" x 36"	20	\$22.40	\$20.20
536385	1131-20PK	1/16" x 3" x 36"	20	\$22.80	\$20.60
536417	1142-20PK	1/16" x 4" x 36"	20	\$35.60	\$32.10
536386	1132-20PK	3/32" x 3" x 36"	20	\$26.40	\$23.80
536387	1133-20PK	1/8" x 3" x 36"	20	\$33.20	\$29.90
536418	1144-15PK	1/8" x 4" x 36"	15	\$36.30	\$32.70
536388	1134-10PK	3/16" x 3" x 36"	10	\$19.60	\$17.70
536389	1135-10PK	1/4" x 3" x 36"	10	\$24.60	\$22.20
536414	1146-10PK	1/4" x 4" x 36"	10	\$39.80	\$35.90
536390	1137-5PK	3/8" x 3" x 36"	5	\$15.00	\$13.50
536416	1148-5PK	3/8" x 4" x 36"	5	\$26.40	\$23.80
536391	1231-5PK	1/2" x 3" x 36"	5	\$20.70	\$18.70
536415	1241-5PK	1/2" x 4" x 36"	5	\$38.50	\$34.70

Density-graded Balsa Wood Strips

Midwest Products Use for aircraft, architectural and engineering model building.

Stk.	Mfr.	Density	Avg. Mass/Stick	W x Thick. x L	Qty.	Price
536303	390	Light	1.22 grams	1/8" x 1/8" x 36"	100	\$46.00
536304	391	Medium	1.36-1.63 grams	1/8" x 1/8" x 36"	100	\$46.00
536305	392	Hard	1.81 grams	1/8" x 1/8" x 36"	100	\$46.00

TOOLS & SUPPLIES



Model & Hobby Cement

Elmer's Convenient and fast-drying, sets in 30 seconds with a strong, invisible bond. Ideal for all plastic-to-plastic bonds, including polystyrene model plastic. Water resistant, will not shrink, low odor and paintable. For indoor use.

Stk.	Mfr.	Size	Price
257800	E1013	1 oz.	\$3.73



Tacky Formula Modeling Glue

Midwest Products Flows easier from bottle for no waste. White glue is nontoxic & has no objectionable odors. For aviation, structures & transportation models.

Stk.	Mfr.	Size	Qty./Pkg.	Price
536310	362	1 oz.	24	\$25.00
536311	361	4 oz.	1	\$3.93



Craft Bond Tacky Glue

Elmer's Durable, clear-drying wet tack glue offers long-lasting bond and post-drying flexibility. Glue won't run and is ideal for multi-purpose craft projects involving porous and semi-porous materials (not for photos, bare metal, submerged, heated surfaces, or outdoors). Easy water cleanup. Safe and non-toxic.

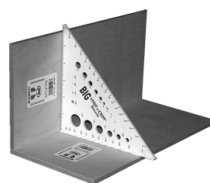
Stk.	Mfr.	Size	Price
257350	E430	4 oz.	\$2.35



Scale Lumber Gauge

Midwest Products Quickly, accurately identify and size scale lumber. Includes built-in strip identification gauges in model railroad gauges O, HO and N. Also features a 12" ruler with 1/16" increments on one side and 30cm ruler on the other side in 1mm increments.

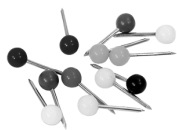
Stk.	Mfr.	Price
536356	1124	\$6.75



Hobby & Craft Square

Midwest Products Versatile tool features ruler, 90° square, strip ID gauge (1/16" to 1/2"), dowel/tubing ID gauge (1/16" to 1/4"), protractor (5° increments) and quick-align stop rail.

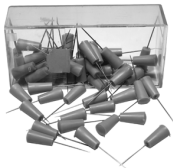
Stk.	Mfr.	Size	Price
536355	1123	4"	\$5.63
536422	1137	6"	\$6.75



Map Tacks

Moore Brightly colored, spherical-head map tack assortment. 1/8" head, 5/16" point.

Stk.	Mfr.	Qty.	Price
196366	M100A	50	\$4.86



Grip Pins

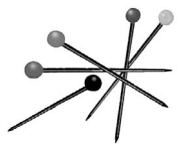
Midwest Products Easy-grip tapered barrel body. Wide shoulder eliminates "cross-pinning." Extra long stainless pin shaft allows assemblies to be built on top of each other. Larger size minimizes pin loss.

Stk.	Mfr.	Qty.	Price
544003	587	50	\$5.94



T-Pins

Stk.	Mfr.	Length	Qty.	Price
196015	PIN125	1-1/2"	35	\$6.85
196016	PIN130	1-3/4"	40	\$6.85
614319	189-24	1-1/2"	450	\$15.50
614320	189-32	2"	350	\$15.50



Color Ball Pins

Alvin Easy to grip, easy to find and have an extra long shaft.

Stk.	Mfr.	Length	Qty.	Price
196022	PIN135	1-1/4"	100	\$6.17

Easy Cutters

Midwest Products Fast and accurate for cutting small wood strips to length. Easy-to-use cutter has alignment angle plate. Cutter eliminates the need for expensive, intimidating power tools.

- Cut 1/2" square basswood strips or 1" wide sheets; model aircraft longerons & cap strips to length

- Die-cast alum. alignment angle plate w/English & metric marks
- Built-in protractor to easily cut 45°, 60°, 90°, 105° & 120° angles
- High carbon steel blade double-ground & heat-treated to stay sharp
- Safety latch keeps blade out of the way when not in use
- Comfort textured grips makes cutting easier on your hands

Stk.	Mfr.	Price
536357	1126	\$18.40

Super Easy Cutter Smaller & more compact for use by students w/ smaller hands. Cuts strips up to 1/4" T.

Stk.	Mfr.	Price
536427	1128	\$16.20

Easy Cutter Ultimate Fast and accurate, tool features self-indexing, movable fence with preset angles. Cuts strip wood up to 1/2". Accurately cuts angles in seconds. Adjustable fence w/7 popular angles (45° to 135°). No-slip rubber grip and safety lock handle.

Stk.	Mfr.	Price
536353	1134	\$22.70

Replacement Blade Fits Easy Cutters 1126 & 1134.

Stk.	Mfr.	Price
536358	AC1126-R	\$12.40



Handi-Cut Utility Cutter

Craftsman Super sharp stainless blades slice through a wide range of materials. Rugged alloy steel frame with integrated in-handle blade storage. Ergonomically shaped handle equipped with vinyl grips. Mfr.'s lifetime warranty.

Includes blade.

Stk.	Mfr.	Item	Price
305750	37301		\$24.80
305745	37253	Replacement Blades, 5/pkg.	\$9.36

Multi-Purpose Utility Cutter



Master Mechanic Molded comfort grip with blade storage in the handle. Uses standard utility blades.

Includes 5 blades.

Stk.	Mfr.	Price
943291	GSTV1112	\$13.90

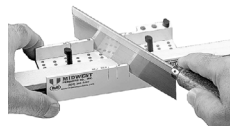
Razor Saw & Aluminum Miter Box Set



Zona Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Blade	TPI	Thickness	Price
613842	35-550	Saw	6-1/2"	42	.010"	\$8.80
613846	37-240	Miter Box				\$19.10
613843	35-241	Saw & Miter Box				\$24.00

Easy Miter Box w/Saw



Midwest Products Keep cutting material firmly in place with 3 unique cam clamps and work bench lip. Easily cut material up to 2" wide and 1/2" thick at 45°, 22-1/2°, 30° and 60° angles.

Stk.	Mfr.	TPI	Price
536322	1136	32	\$13.50

Miter Trimmer



Robert Larson Make perfect miter cuts on stock up to 4" and when squaring stock up to 6". Both right and left cuts can be made at angles between 45° and 90°. The ground base surface and 2 razor sharp knives offer controlled shaving and leave a glass smooth finish in the stock.

Stk.	Mfr.	Price
768878	800-3500	\$404.00

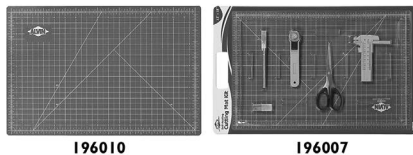
No. 5 Heavy-Duty Knife



X-Acto Contoured handle for sure grip. Supplied with No. 19 blade for precise, heavy-pressure cutting of heavyweight material.

Stk.	Mfr.	Handle	Price
477585	X3205	4-1/4" Plastic	\$6.23

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Cutting Mats & Kit

Alvin Self-healing, reversible 3mm thick mats. Durable composite vinyl material, for use with rotary and straight utility

blades, can be cut without showing cutting lines.

Printed grid pattern includes guide lines for 45° and 60° angles and 1/2" grid lines (mats 24" x 36"+ & above have horz. & vertical graduated marks). Fully-numbered edges are graduated with 1/8" marks extending beyond zero baseline. Non-stick surface is impervious to abrasions and liquid spills. Black on 1 side, green on the other (gridded on both).

Stk.	Mfr.	Size	Price
196006	GBM0812	8-1/2" x 12"	\$5.04
196010	GBM1218	12" x 18"	\$9.90
196011	GBM1824	18" x 24"	\$16.70
196012	GBM2436	24" x 36"	\$31.70

6-Piece Kit Includes mat, artist's knife w/spare blade, 7" scissors, rotary cutter & circle cutter w/spare blades.

Stk.	Mfr.	Size	Price
196007	GMK818	12" x 18"	\$39.70

Cutting Mat & Knife



X-Acto Portable cutting solution. Protects work surface from the nicks and cuts from blades and cutting tools.

Includes a #1 knife & cutting mat.

Stk.	Mfr.	Size	Price
476988	X7768	4" x 7-1/2"	\$11.20

Cellfoam 88™

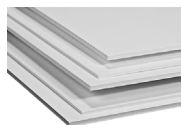


Midwest Products Extruded, closed-cell polystyrene foam sheets are lighter than Balsa and tougher than foam board. Use for "foamie" models, craft projects and architectural models.

Consistent, smooth flat surface without paper liners. Accepts most paints (water-based, enamels & latex), most adhesives (epoxy, foam-safe CA, water based & polyurethane) and can be sanded.

Stk.	Mfr.	Size	Qty.	Price
536595	5920	11-1/2" x 11-1/2" x 1/8"	4	\$5.44
536596	5921	11-1/2" x 11-1/2" x 3/16"	3	\$5.44
536597	5922	11-1/2" x 11-1/2" x 3/8"	2	\$5.44

White Foam Board



Elmer's For mounting, framing, silk screening and more. Resilient polystyrene cores ensure a clean precise cut with mat cutter, rabbet cutter or utility knife. Ideal for dry or vacuum mounting (from 180° to 220°F). Boards resist warping, denting and crushing.

Bonds easily with fabrics, paper and many other materials.

Stk.	Mfr.	Size	Qty./Pkg.	Price
196377	90109	20" x 30" x 3/16"	25	\$102.00
196379	90105	24" x 36" x 3/16"	25	\$143.00
196378	90510	30" x 40" x 3/16"	25	\$196.00

Wax Paper



Reynolds Protect table tops and other surfaces from glue and paint.

Stk.	Mfr.	Size	Price
543663	330	12" x 75'	\$3.25



#8 Lightweight Retractable Utility Knife

X-Acto Multi-purpose knife makes precise cuts through paper, mat board, foam board, delicate fabrics, sheet metal, plastic and more.

Includes 1 blade.

Stk.	Mfr.	Price
477588	X3208	\$2.49

#8 Lightweight Utility Knife Blades X-Acto Fits #8 Lightweight Retractable Utility Knife Mfr. X3208.

Stk.	Mfr.	Qty.	Price
476810	X208	5	\$3.24

Rabbet Cutter



FoamWerks Create perfect adjoining joints. Dual-blade action creates 1-stroke finished results. Use with right or left hand. Features ergonomic handle and on-board blade storage.

Includes 2 blades.

Stk.	Mfr.	Price
536588	WC4010	\$15.10

Straight/Bevel Cutter



FoamWerks Features adjustable blade depth, ergonomic handle and on-board blade storage. Works with 3/16" (5mm) foam board and can be used with any suitable straight edge. Transform from a straight cutter to a bevel cutter by rotating the angled base block.

Includes 2 blades.

Stk.	Mfr.	Price
536585	WC6010	\$15.10

90° Rabbet Cutter



Alvin Use on foam board to make perfect 90° comers and eliminate the exposure of internal foam. For use on all 3/16" foam boards. Ideal for model makers. Uses single edge razor blades.

Stk.	Mfr.	Price
196148	RB316	\$16.40

Single Edge Razor Blades Master Mechanic Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
943279	741330	10	\$2.21
942846	521013	100	\$8.55

Safe-T-Cut Straightedge



Alvin Ensure safe, accurate cutting with this unique vertical hardened aluminum straight-edge. Ideal for studio, shop or classroom use. The precision-rule edge is graduated in inches (1/16) and centimeters (1mm) for easier-than-ever trimming. Extra-wide 3-1/2" base

with nonskid rubber backing helps prevent slipping and accidental cuts. Convenient hanging ring.

Stk.	Mfr.	Length	Price
196194	SE12	12"	\$35.90
196195	SE18	18"	\$43.50

FISCHERTECHNIK

STEM Labs

STEM Lab Programs are a standards-based curriculum involving inquiry, design and problem solving, especially developed for use with the Fischertechnik construction system. These programs were created by Tom White, Distinguished Educator and STEM Program Designer.

Project Themes:

- Sketching & Documentation
- Energy Conversion Systems
- Introduction to Control Systems
- Simple Machines
- Basic Electricity
- Introduction to Energy & Power
- Conversion & Storage of Energy
- Human/Machine Collaboration
- Mechanisms
- Mobile Robotics



Middle School Energy, Power, Robotics

Fischertechnik Includes over 160 different types of components (859 pieces in all) including gears, sensors, actuators, blocks, panels, motors, axles, wheels, a photocell, gearboxes, lights, an electronic magnet, encoder motors &

I ROBO TX Controller interface unit with a power supply, plus all assembly instructions, ROBO Pro Programming Software & complete curriculum.

Stk.	Mfr.	Price
406100	519340	\$895.00



High School

Fischertechnik Includes over 200 different types of components (1,186 pieces in all) including gears, sensors, blocks, panels, motors, axles, wheels, compressors, pneumatic parts, gearboxes, switches, lights, an electronic magnet, encoder motors &

I ROBO TX Controller interface unit with a power supply, plus all assembly instructions, ROBO Pro Programming Software & complete curriculum.

Stk.	Mfr.	Price
406101	519341	\$995.00

Science & Technology PROFI Sets

Fischertechnik Profi sets are an ideal way to explore many important aspects of STEM Education. These sets help to provide the technicians of tomorrow with a hands-on learning experience in the areas of mechanics, statics, pneumatics, physics, simple machinery, electronics and renewable energies. These sets are widely used in middle and high schools as well as in colleges and universities across the globe. Each set comes with both full color instructions, as well as a black and white, multi-language teaching and activity guide. Recommended for age 9+.



Mechanic + Static

Fischertechnik The ideal introduction to fundamentals of engineering and construction for all future mechanical engineers. The areas of dynamics, statics, gears, structure, and bracing are all addressed as students learn by building models that illustrate the principles behind these concepts.

This set will help students to answer questions such as:

- How does a gear box work?
- How is the movement of a windshield wiper produced?
- How do you design a stable bridge?
- What is a planetary gear?
- ...and much more

Includes 500 components for building 30 different models, instruction booklet, mini motor, switch & battery tray.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
406055	93291	\$152.00

Pneumatic



Fischertechnik Educational construction set helps students learn the principles behind pneumatics and uses realistic models (8 total) to demonstrate how compressors, pneumatic valves and cylinders work. Powerful and compact compressor guarantees a reliable supply of compressed air to the models.

Includes 360 components, plus a compressor, 4 pneumatic cylinders, four 4/3-way manual valves, activity booklet & battery holder (for 9V block batteries).

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
406085	516185	\$168.00

Oeco Energy



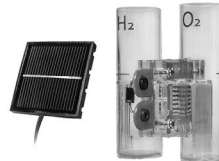
Fischertechnik How can ecological electric power be produced? "Renewable energies" will become our most important suppliers of energy in the future. Production, storage and use of electricity from natural energy sources such as water, wind and the sun are graphically illustrated using various models and numerous experiments.

These 2 solar modules not only guarantee more power; the many attachment possibilities ensure flexible use in the models. The Gold Cap included for power storage can release the stored power at a slower rate. This helps student understand energy forms of the future.

Includes 10 models (built one at a time), 320 parts, plus instructional booklet, solar motor (2V), 2x solar modules (1V; 400 mA), Gold Cap power storage device (2,7V/25 F), LED & on/off switch.

This set can be combined with the Fuel Cell Kit (Mfr. 520401) to allow you to build additional models & operate them with a fuel cell.

Stk.	Mfr.	Price
406120	520400	\$158.00



Fuel Cell Kit

Fischertechnik How does a fuel cell work and how does it generate hydrogen? Kit brings this technology of the future directly into the classroom and provides answers to these and other questions!

Includes instructional booklet, reversible fuel cell with integrated hydrogen storage unit & solar module (1V, approx. 400 mA).

Stk.	Mfr.	Price
406121	520401	\$121.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.

Robotics & Programming

Fischertechnik Robotics and Programming line allows you to construct fully functional robotic models, then program them with your Windows based computer and the easy-to-use ROBO Pro graphic software. These sets are also widely used schools and universities.



Robotics LT Beginner Set

Fischertechnik With over 200 components and the aid of sensors (phototransistor, mini-switches) and actuators (XS motor, indicator lights), students can construct 12 easy-to-understand models such as a hand dryer, stamping

machine, lighthouse with blinking light, merry-go-round or automatic sliding door. The controller has 3 inputs for sensors, 2 outputs for motors or indicator lights and a USB interface for simultaneous power supply. The Pro Light software makes quick programming easy. The detailed didactic activity booklet supports the learning process for children making programming easy to understand. For 8+.

Includes didactic activity booklet, ROBO LT Controller (USB interface/ USB power supply), software ROBO PRO Light, XS motor, 2x light, lens tip lamp, phototransistor & 2x switch.

Stk.	Mfr.	Price
406135	524370	\$221.00

ROBO TX Explorer

Fischertechnik The ideal set for robotic competitions. Explore unknown areas, measure distances, follow trails, show driving directions by means of blinking signals, recognize colors, measure temperatures, avoid obstacles without

touching them, recognize day and night, turn headlights on and off automatically, trigger an alarm and more.

Includes 400 components to construct 6 models, plus 2 encoder motors, 3 indicator lights, buzzer, optical color sensor & an IR Trail Sensor & construction booklet.

Requires ROBO TX Controller, ROBO Pro Software and Accu Set (all sold separately).

Stk.	Mfr.	Price
406070	508778	\$264.00

Robot TX Kit

Fischertechnik Learn about true industrial robotics. This set provides you with instructions and materials for building 4 reality-based and fully functional industrial simulation robots, including a high-rack storage robot, 3-axis robot and 2 other grapples robots. Stable and sturdy

aluminum channels are used in all models. The instructional activity booklet provides support in the form of background information, projects and programming tips. For ages 10+.

Requires ROBO TX Controller, ROBO Pro software & either Accu Set or Energy Set to perform all functions (each sold separately).

Stk.	Mfr.	Price
406080	511933	\$305.00



ROBO Pro Software

Fischertechnik Easy to use programming software. Beginners can quickly begin programming through the use of simple flow charts consisting of various software building blocks. The exchange of information can be done through variables and graphical connections as well. This allows the program functions to be displayed in a clear and understandable manner.

The graphic programming language ROBO Pro provides all the key elements of a modern programming language, such as arrays, functions, recursions, objects, asynchronous events and quasiparallel processing, making it a useful tool even for professional programmers. Programs are translated directly into machine language for efficient execution of even the most complex programs. Even advanced programmers will find that ROBO Pro knows no limits. With ROBO Pro, it's easy to write teach-in programs or exchange data with other Windows software.

Compatible with Windows XP, Vista & 7.

Stk.	Mfr.	Price
406058	93296	\$45.40



Robotics TXT Discovery Set

Fischertechnik Complete Robotics Set with 310 parts, controller and software for control of mobile and stationary robot models. Transfer images via USB or WiFi, color recognition, line tracing and motion recognition. The controller features a color 2.4" touch display, combined WLAN/Bluetooth

module, micro SD card slot, IR receiver diode, integrated loud speaker, 4 motor outputs, 8 digital/analog inputs and 4 high speed numerical inputs. With the ROBO Pro software it is possible to program apps for controlling the models with a smartphone/tablet PC (presently for android). Additional sensors and actuators such as encoder motors, XS motor, mini-switches, NTC resistors, phototransistors and LED's allow construction of mobile rover vehicle, surveillance stations, alarm centers and more. Preprogrammed modules are provided for beginners.

Includes ROBOTICS TXT Controller, software ROBO Pro, USB camera (1 MP), 2 encoder motor, XS motor, 2 LED's, 2 switches, phototransistor & NTC resistor.

Stk.	Mfr.	Price
406130	524328	\$549.00

Robotics TXT Controller

Fischertechnik Controller is easy to operate with the color 2.4" touch display. Combined Bluetooth/WiFi RF module provides a wireless interface for numerous applications. Interfaces also include a USB host port. Integrated Micro SD card slot allows expansion of memory capacity. Controllers can be coupled. Visit our website for more information.

Requires Accu Set or Power Set, sold separately.

Stk.	Mfr.	Price
406125	522429	\$406.00

Accu Set NiMH Battery & Charging Unit

Fischertechnik Ideal for powering mobile models. Battery charger with microcontroller for reliable protection from overcharge. Very short recharging time, maximum 2 hours. High-powered NiMH Accu Pack with short-circuit protection, 8.4V/1500 mA. 120V/60Hz.

Stk.	Mfr.	Price
406030	57487	\$108.00

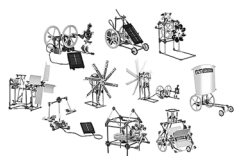
Place your order on-line!
www.midwesttechnology.com

K'NEX

STEM K'NEX Sets focus on science, technology, engineering and mathematics concepts taught through problem-solving, discovery, exploratory learning and critical thinking. It requires students to be active participants in the learning.

Dynamic K'NEX models offer hands-on learning opportunities that encourage scientific inquiry, investigation and experimentation. Models are fully-functioning replicas of real-world machines/structures enabling students to relate the concepts to the world they live in. Color-coded building instructions allow students of varying levels to participate and succeed.

Teacher guides, with inquiry-based lessons, challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action. The lessons include objectives, activities, key concepts, journals and worksheets, everything you need to introduce the concepts and assess what the students have learned. Teacher guides are aligned to National Science, Technology, Engineering and Math standards, including Common Core Mathematics and Next Generation Science Standards.



Renewable Energy

K'NEX Students generate electricity to operate models as they compare/contrast the power and efficiency of wind-, solar- and water-powered machines.

3 groups of students work simultaneously on projects of real-world significance learning

about issues impacting the future. Builds 9 models, 3 at a time. Supports 6 - 12 students working in teams.

Includes 550 pieces, solar cell (1.38V - 500mA), 3 motors w/power cords, energy storage capacitor, building instructions, comprehensive Teacher's Guide w/inquiry-based lesson plans & background information, plus plastic storage tub.

Stk.	Mfr.	Grade Level	Price
498726	78976	5-9	\$162.00



Exploring Wind & Water Energy

K'NEX Go green and bring STEM concepts to life. Designed to address critical science, technology and engineering concepts in the middle school classroom and provide instructional models that will enhance students' understanding of these important concepts. Build 6 renewable energy models, 2 at a time. Supports 1-2 students working as a team.

Includes 288 pieces, building instructions, Teacher's guide & molded storage tub w/lid.

Stk.	Mfr.	Grade Level	Price
498731	77051	5-9	\$78.70



Investigating Solar Energy

K'NEX Learn how to harness the energy of the sun into electricity to power K'NEX models. Builds 3 models, 2 at a time. Teacher's Guide provides guidance to the teacher as they present a comprehensive STEM experience for their students. Students will be given a specific

problems, ask questions and conduct research using fair and consistent testing procedures, chart and analyze their data, refine solutions through feedback from their designs, and communicate their results.

Includes 128 pieces, solar panel, motor, building instructions, Teacher's guide & storage tub w/lid.

Stk.	Mfr.	Grade Level	Price
498732	77075	5-9	\$78.70



Intro to Simple Machines: Levers & Pulleys

K'NEX Build 8 different replicas of real-world models, one at a time. Set includes building instructions with real-life photos and key facts for each model. Models demonstrate 1st, 2nd and 3rd class levers along with fixed, movable

and combination pulley systems. Supports 2 - 3 students working as a team.

Includes 178 pieces, Teacher's guide CD & plastic storage case w/lid.

Stk.	Mfr.	Grade Level	Price
498762	78610	3-5	\$41.80



Intro to Simple Machines: Wheels, Axles & Inclined Planes

K'NEX Build 7 different replicas of real-world models, one at a time. Models demonstrate how a wheel and axles turn, 2 levels of inclined planes, plus screw and wedge. Supports 2 - 3 students working as a team.

Includes 221 pieces, Teacher's guide & molded case w/lid.

Stk.	Mfr.	Grade Level	Price
498763	78620	3-5	\$41.80

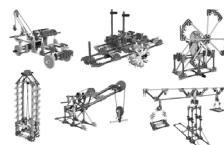


Intro to Simple Machines: Gears

K'NEX Build 7 different replicas of real-world models, 1 at a time. Demonstrate 2 spur gear, 2 crown gear and 2 sprocket gear examples. Supports 2 - 3 students working as a team.

Includes 198 pieces, Teacher's guide CD & molded storage tray w/movable dividers & lid.

Stk.	Mfr.	Grade Level	Price
498764	78630	3-5	\$41.80



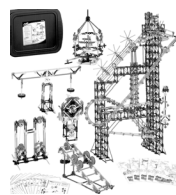
Exploring Machines

K'NEX Build 30 fully-functioning replicas of real-world machines, up to four at a time! Models demonstrate: levers, pulley systems, wheels and axles, inclined planes and more. Supports 8-12 students working in teams.

Includes 1,432 pieces, Teacher's guide, plus

molded storage tray w/lid.

Stk.	Mfr.	Grade Level	Price
498761	78600	5-9	\$183.00



Simple Machines Deluxe

K'NEX Students build 60 fully-functioning machine models that highlight mechanical principles and relate to the real world. Set uses discovery-based problem solving challenges to investigate machine operation, form and function, plus work performed. Supports 10 - 15

students working in teams.

Includes 3,447 K'NEX rods, connectors, pulleys, tires, strings, gears, 12V motor & adapter, 1 of each Simple Machine Educator Guide (for levers, pulleys, wheels & axles, gears & inclined planes), 57 comprehensive lesson plans, bonus parts & instructions to build the Big Ball Factory (a 4' tall Rube Goldberg complex machine).

Stk.	Mfr.	Grade Level	Price
498835	79520	3-9	\$347.00



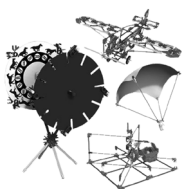
Forces, Energy & Motion

K'NEX The racer set curriculum is organized as a series of objectives achieved through classroom discussion and laboratory exercises. Students investigate potential and kinetic energy, and identify the differences between energy associated with position and condition.

An exciting, hands-on opportunity to address fundamental physical science concepts. Build 11 models, up to 4 at a time. Supports 12- 16 students working in teams.

Includes 442 K'NEX rods & connectors, 2 battery motors, 2 flywheel motors, 4 transparent spring motors, 80-page Educator Guide w/8 extensive lesson plans, 7 inquiry-based lesson plans etc. w/Teacher's Guide & plastic storage tub w/dividers.

Stk.	Mfr.	Grade Level	Price
498767	78790	5-9	\$144.00



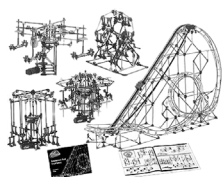
Energy, Motion & Aeronautics

K'NEX Students to investigate a variety of concepts related to Newton's Laws and aeronautics. These concepts include aeronautics as it applies to force and motion as well as the effects on individuals who work and live in space.

The teacher's guide follows a modified version of the 5E instructional model – Engage, Explore, Explain, Elaborate, and Evaluate. Students will use the Scientific Inquiry and the Engineering Design Processes extensively throughout the lessons as they explore, create, invent, and innovate. Lessons include worksheets, key terms, design briefs, design challenges, research and design logs, and rubrics. Supports 6 - 9 students working in teams.

Includes 1,430 K'NEX pieces, building instruction booklets, comprehensive teacher's guide w/9 lessons, student worksheets & answer sheet.

Stk.	Mfr.	Grade Level	Price
498850	79621	5-9	\$169.00



Amusement Park

K'NEX Build 13 classic amusement park rides including a roller coaster with clothoid loop, carousel, ferris wheel, pirate ship (*classic pendulum*), scrambler, swing and boom rides, plus half pipe and inclined plane ramp system (with circular loop).

Explore gearing options for rotating rides. Build at least one roller coaster model at a time, or build any 2 of the smaller rides simultaneously. Models are compatible with data logging sensors from Vernier, Pasco and Texas Instruments. Support 6 - 8 students working as teams.

Includes 2,264 K'NEX pieces, building instructions plus CD of add'l. instructions, 78-page teacher's guide w/11 lesson plans & 3 storage trays w/ movable dividers & lids.

Stk.	Mfr.	Grade Level	Price
498721	78890	5-9	\$278.00



Motor Pack

K'NEX Battery-powered motors turn concept models into technology at work. Build, investigate, and experiment with motorized models

that have constant speeds and continuous operation. Build 2 models with different gearing systems and operate them side-by-side to observe the effects of each system.

Includes 2 motors.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Grade Level	Price
498725	78910	3+	\$26.70



Computer Control

K'NEX Dynamic STEM set challenges students to build and control models using the Computer Control interface.

• Builds 5 models, one at a time

- Write programs to control on-screen models using the software included, then download into the interface's memory & use to operate the models
- Interface can control up to 2 motors, 6 output devices (*buzzers, bulbs, LEDs*) & 4 input devices (*push button switches, reed switches, light switches, etc.*) simultaneously
- Models are fully functioning replicas of a Sliding Door, Elevator, Bascule Bridge, Oscillating Fan & Super Spinner Ride
- Compatible with interactive whiteboards
- PC Compatible

Key Concepts include:

- Design process/Engineering design process
- Systems & organization
- Communication of mathematical thinking
- Forces, energy & motion, troubleshooting & optimization
- Exploratory learning & more!

Includes 699 K'NEX pieces, computer control interface & software, 2 motors, 3 LEDs, 1 buzzer, 2 push button switches, 2 reed switch, 4 magnets, building instructions, student challenges & teacher guide, plus storage container.

Stk.	Mfr.	Grade Level	Price
498785	79018	4-6	\$540.00



STEM Explorations

K'NEX Modules are hands-on, cooperative activities providing stimulating inquiry and problem solving through design.

With the software, interface, various input/output devices, motors, rods and connectors, students will experience problem solving in

design and automation using programming, construction techniques, and devices to help them understand how to program and operate computer controlled devices. Build 9 computer controlled models, 1 at a time.

Includes 820 K'NEX parts, interface & software (*with site license*), motors, push button switches, reed switches, a buzzer & LEDs, plus storage container.

Stk.	Mfr.	Grade Level	Price
498722	79118	5-9	\$540.00

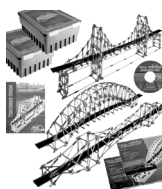


Introduction to Structures: Bridges

K'NEX Build 13 different bridge models, 1 at a time. Demonstrates beam, truss, arch, cantilever, suspension, cable-stayed and movable/bascule. Supports 2-3 students.

Includes 207 pieces, Teacher's guide CD & molded storage case w/lid.

Stk.	Mfr.	Grade Level	Price
498766	78640	3-5	\$41.80



Real Bridge Building

K'NEX A versatile, adaptable, reusable and fun bridge-building alternative. Students will discover the history and benefits of each bridge type, plus test load capability, strength and stability.

Set builds seven 5-6' long replicas of real world bridges, 2 at a time. The greatest flexibility for hands-on experiences in bridges or architecture curriculum. Support 6 - 8 students working as a team.

Includes 2,282 K'NEX rods, connectors, pulleys, hubs & strings, Educator Guide & 2 plastic storage tubs.

Stk.	Mfr.	Grade Level	Price
498765	78680	5-9	\$196.00

HEAT TRANSFER PRESSES



Digital Knight 14" x 16" Clamshell

Geo Knight Economical, business-grade digital press opens for full access to the lower bottom table. Teflon-coated 3/4" heat platen back raises above and away from the bottom table for wide access.

The solid steel frame allows shirts to slide over the table with complete drape around and under the loading area. Portable, heavy-duty machine (83 lbs.) is ideal for rooms with space limitations.

- Digital features include temperature control (32°-600°F), automatic timer, dual pre-press timer & pressure bar graph
- SuperCoil-Microwinding™ heater w/indicator light
- Records number of completed pressing cycles
- Temperature readout accuracy +2°F (displays °C or °F)
- Self-lifting gas-spring
- Selectable end-of-cycle alarms
- Extreme high-pressure capability
- Hardened, high-strength pivot points
- Mfr.'s warranty: heat platen (lifetime), control (3-yr.), entire press (1-yr.)

Stk.	Mfr.	Heat Area	Price
967584	HFCGKCL14	14" x 16"	\$1,244.00



JetPress 12" x 14" Swinger

Geo Knight Print any computer image (photo, clip art, artwork, lettering, web image) to Inkjet2T Transfer Paper using an inkjet printer. Then, place it onto a T-shirt, mouse pad, cap or most any absorbent material via the heat press machine.

Easy-to-use JetPress Portable printing press features a solid steel welded frame, silicone pad pressing surface, smooth swing-away action and adjustable height (for items over 1" T).

- Adjustable temperature control (over 400°F)
- Heat indicator light
- Digital countdown timer w/alarm
- 1-yr. mfr.'s warranty

Stk.	Mfr.	Heat Area	Price
967582	HFGSKJPI4	12" x 14"	\$738.00



Digital Knight 4" x 7" Cap Press

Geo Knight Printing the front face of any sized headwear. Unique hold-down device pulls the rear strap of the headwear down against the pressing surface, holding the cap in place. 1-yr. mfr.'s warranty.

- Fully digital temperature control 32°- 600° F range
- Automatic digital timer & dual pre-press timer
- 70 programmable presets
- Records number of pressing cycles done

Stk.	Mfr.	Heat Area	Price
967553	DK7	4" x 7"	\$804.00

Transfer Paper Welsh Easy-to-peel, no-stick transfers w/superior color reproduction. Washable, contains no solvents. For Epson, Canon, HP & other non-thermal inkjets.

Stk.	Mfr.	Qty.	Price
967555	D2J2T8-10	10	\$13.70
967556	D2J2T8-50	50	\$65.00

White T-shirts Welsh Hanes Stedman cotton heavyweight shirts.

Stk.	Mfr.	Size	Qty./Pkg.	Price
967562	ITHW-S	Small	12	\$90.70
967563	ITHW-M	Medium	12	\$90.70
967564	ITHW-L	Large	12	\$90.70
967565	ITHW-XL	X-Large	12	\$90.70

Mouse Pads Welsh

Stk.	Mfr.	Color	Size	Qty.	Price
967566	IRM4	White	1/4" x 7-1/2" x 9-1/4"	100	\$326.00

SCREEN PRINTING



Introductory Thermal Kit

Welsh Includes 20 Thermal Screen Sheets, 70 mesh (8-3/4" x 11"), 4 oz. Versatex water-based screen printing inks (1 ea. black, red, blue, yellow, green, orange), 12 reusable plastic frames (4 full, 4 half, 4 quarter size), 3 squeegees (1 ea. full, half, quarter size), 1 roll screen-mounting tape (1/4" x 60 yds.), 1 plastic spatula & instructions.

Stk.	Mfr.	Price
967507	TKII	\$252.00



Deluxe Thermal Kit

Welsh Includes 40 Thermal Screen Sheets, 70 mesh (8-3/4" x 11"), 4 pints Versatex water-based screen printing inks (1 ea. black, red, blue, yellow), 16 reusable plastic frames (4 full, 6 half, 6 quarter size), 6 squeegees (2 ea. full, half, quarter size), 1 roll screen-mounting tape (1/4" x 60 yds.), 1 plastic spatula & instructions.

quarter size), 1 roll screen-mounting tape (1/4" x 60 yds.), 1 plastic spatula & instructions.

Stk.	Mfr.	Price
967508	TKDI	\$414.00

Versatex Water-Based Screen Printing Ink

Welsh Make permanent prints on T-shirts, banners, tote bags, buttons, posters, greeting cards, etc. Brilliant, blendable colors are nontoxic, fast drying & wash fast after heat-setting.

Stk.	Mfr.	Color	Size	Price
967569	T3P	Black	16 oz.	\$15.80
967570	T3P	Blue	16 oz.	\$15.80
967571	T3P	Brown	16 oz.	\$15.80
967572	T3P	Light Green	16 oz.	\$15.80
967573	T3P	Dark Green	16 oz.	\$15.80
967574	T3P	Magenta	16 oz.	\$15.80
967575	T3P	Orange	16 oz.	\$15.80
967576	T3P	Bright Red	16 oz.	\$15.80
967577	T3P	Dark Red	16 oz.	\$15.80
967578	T3P	Turquoise	16 oz.	\$15.80
967579	T3P	Violet	16 oz.	\$15.80
967580	T3P	White	16 oz.	\$15.80
967581	T3P	Yellow	16 oz.	\$15.80

Screen Mounting Tape Welsh Double-sided for mounting thermal screens to frames

Stk.	Mfr.	Size	Price
967511	T4T	1/4" x 60 yds.	\$17.90

Reusable Plastic Frames Welsh For mounting screens.

Stk.	Mfr.	Size	Price
967513	T4FF	Full (7-3/4" x 10-1/2")	\$5.17
967514	T4FH	Half (4-7/8" x 7-1/2")	\$3.13
967515	T4FQ	Quarter (3-3/4" x 4-7/8")	\$2.38

Contoured Squeegees Welsh

Stk.	Mfr.	Size	Price
967547	T4SQF	Full (7-3/8"W)	\$19.90
967548	T4SQH	Half (4-3/8"W)	\$14.60
967549	T4SQQ	Quarter (3-3/8"W)	\$12.50

VINYL CUTTERS



Stika Desktop Cutters

Roland Easy-to-use, affordable, versatile vinyl cutters produce colorful POP displays, labels and iron-ons. Bundled CutStudio™ software lets students create larger signs, then tile them into smaller sections for cutting. Allows tiling of

up to 16 designs. Software repositions, rotates, mirrors and enlarges images while maintaining the original quality. Cut TrueType fonts without outlining. Simple to use, just print registration marks on graphics with your desktop printer, load the printed graphics into the cutter, set the position of the registration marks with the Stika driver, and make professional-looking graphics.

Interface - USB 1.1, compatible w/Windows 98 SE/ME/2000/XP & Mac OS 9 or later. All offer plug-&-play capabilities.

Includes AC adapter, power cord, USB cable, replaceable blade protector, blade w/blade holder, pin, material & application tape for test cuts, Roland Software Package CD-ROM (w/CutStudio design software, plug-ins for Corel-Draw 10, 11, 12 & Adobe Illustrator 9, 10, CS, Stika Windows Navi utility) & manual.

Accepts PVC or label material of 0.004" or less. Total material thickness w/backing of 0.012" thickness or less.

Size 13-3/8"W x 8-1/8"D x 4-1/2"H. Weight 4.9 lbs.

Stk.	Mfr.	Media Width	Max. Cutting Area	Cutting Speed	Price
769591	SV-8	8-7/16"	6-1/4"W x 39-5/16"L	40 mm/sec.	\$563.00

Size 17-3/8"W x 8-1/8"D x 4-1/2"H. Weight 6 lbs.

769592	SV-12	12"	9-13/16"W x 39-5/16"	40 mm/sec.	\$702.00
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Size 20-5/8"W x 8-1/8"D x 4-1/2"H. Weight 7.3 lbs.

769593	SV-15	12" / 15"	13-3/8"W x 39-5/16"L	100 mm/sec.	\$966.00
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CAMM-1 Desktop Vinyl Cutter

Roland Equipped with a completely redesigned cutting and blade holder, the GS-24 offers greater stability and a 39.5% increase in downforce (from 250g to 350g). Cut like never

before on thick, dense substrates, vehicle graphics, signs and decals, decorated apparel, specialty graphics, and more.

CutStudio™ software allows you to quickly, easily, and effectively enlarge, reduce, reposition, rotate, and mirror images. The GS-24 also cuts oversized images using an improved tiling function, and cuts true type fonts without the need for outlining. Supports BMP, JPG, STX, AI, and EPS file formats, as well as the ability to cut directly from Adobe Illustrator or Corel Draw.

- Innovative, digital servo motor offers exceptional precision
- Overlap cutting (up to 10x), for cutting thicker media like magnetic materials & card stock
- Perforated cutting function makes it easy to create labels & decals ready for individual sale
- Efficiently cuts up to 20" per-second, providing maximum productivity
- Mfr.'s 3-yr. warranty

Size 33.9"W x 12.56"D x 9.17"H Weight 29.77 lbs.

Includes AC adapter, power cord, blade, blade holder, roller base, alignment tool, USB cable, Roland CutStudio software & set up guide.

See our website for software requirements.

Stk.	Mfr.	Media Width	Max. Cutting Area	Cutting Speed	Price
769598	GS-24	2" to 27-1/2"	22.9"W x 984.25"L	19.69"/sec.	\$1,956.00

VINYL CUTTER ACCESSORIES

Stika Signmaking Starter Kit

Ordway

Includes: 4 rolls of MacTac vinyl (1 ea. black, white, red & blue @ 12" x 11'), high-carbine plotter blade, 45° blade for vinyl cutting plotters, 12" x 100' application tape, retractable snap-off blade cutter, Ordway weeding tool, Ordway weeding tweezers, Lil Chizler, 5" Ordway squeegee, 4 oz. bottle application fluid, 4 oz. bottle adhesive remover, 1" rivet brush & 2 replacement retractable cutter blades.

Stk.	Mfr.	Price
835860	8300-KIT	\$178.00

MACal 8300pro Vinyl

MacTac A general purpose signage film for flat to slightly curved surfaces. 2.8 mil. cadmium-free high gloss vinyl w/up to 5 yrs. outdoor life. Coated w/durable, permanent acrylic, pressure-sensitive adhesive. Good dimensional stability & excellent cutting & weed ability. 83# white kraft liner has excellent stability & layflat w/yellow backprinting.

8" x 33'

Stk.	Mfr.	Color	Price
835800	8359-00-8	Medium Red	\$27.70
835801	8339-00-8	Medium Blue	\$27.70
835802	8389-00-8	Black	\$26.60
835803	8305-00-8	Yellow	\$27.70
835804	8329-01-8	White	\$26.60
835805	8349-00-8	Medium Green	\$27.70
835806	8359-12-8	Burgundy	\$27.70
835807	8301-00-8	Orange	\$27.70
835808	8379-00-8	Gold	\$35.00

12" x 33'

Stk.	Mfr.	Color	Price
835815	8359-00-12	Medium Red	\$35.00
835816	8339-00-12	Medium Blue	\$35.00
835817	8389-00-12	Black	\$33.30
835818	8305-00-12	Yellow	\$35.00
835819	8329-01-12	White	\$33.30
835820	8349-00-12	Medium Green	\$35.00
835821	8359-12-12	Burgundy	\$35.00
835822	8301-00-12	Orange	\$35.00
835823	8379-00-12	Gold	\$44.00

15" x 33'

Stk.	Mfr.	Color	Price
835830	8359-00-15	Medium Red	\$35.00
835831	8339-00-15	Medium Blue	\$35.00
835832	8389-00-15	Black	\$33.30
835833	8305-00-15	Yellow	\$35.00
835834	8329-01-15	White	\$33.30
835835	8349-00-15	Medium Green	\$35.00
835836	8359-12-15	Burgundy	\$35.00
835837	8301-00-15	Orange	\$35.00
835838	8379-00-15	Gold	\$44.00

Appli-Tape 4075

MacTac Standard-grade paper application tape. Releases clean & easy. High tolerance to humid environments. Excellent for plotter & thermal die cuts of all size decals.

Stk.	Mfr.	Size	Price
835845	4075-8	8" x 100 yds.	\$53.60
835846	4075-14	14" x 100 yds.	\$93.70

LASER TECHNOLOGY & EQUIPMENT



Digital Photometer

Industrial Fiber Optics Measures power levels of laser beams, demodulating optical signals for audio applications and solar experiments. Offers 4 scale measurements from 20 microwatts to 20 milliwatts. Battery power, portability and adjustable detector height offers flexibility.

Analog output to 2 banana jacks is a conditioned electrical voltage that is directly proportional to light incident upon the photodetector with a frequency range up to 10 kHz. This allows it to be connected to a strip chart recorder for solar monitoring, oscilloscope for observing time-dependent optical signals or to an amplified speaker for voice transmission. Meter will also act as an audio receiver to demodulate laser signals.

- 4 ranges
- All solid state detector & electronic design
- Calibrated at 632.8 Nm
- Sensitive to visible & IR light

Includes metal optical stand, manual, two 9V batteries & case.

Stk.	Mfr.	Price
535610	IFPM	\$252.00



Laser Communication Kits

Industrial Fiber Optics Versatile laser with very wide electrical modulation capacity and digital audio jack (w/low 100 Hz for laser audio communication experiments) and RF video jack (w/70 Mhz for simultaneous transmission of color

video picture & sound) allow students to perform dynamic optical communication demonstrations:

- Voice communication
- AM/FM radio transmission
- Video from camcorder
- RF video from VCR or DVD player
- Digital line-of-sight computer links

Laser can also conduct regular laser, optics and fiber optic experiments showing the properties of:

- Tyndall's light-guiding-in-water experiments
- Critical angle determination in materials
- Perimeter security using laser beams
- Convergence/divergence of lenses
- Speed of light measurement
- Light shows
- Light polarization
- Refraction & reflection
- Brewster's angle measurements

Visit our website for more information.

Includes highly-linear 0.8 mW 635 nm Class II diode lab laser, optical RF video receiver, interconnecting cables, power adapters & manual.

Video Project Demonstrate TV picture and sound transmitted over a laser beam.

Stk.	Mfr.	Price
535611	IF-UL08-635X	\$510.00

Communication Kit Laser project capable of demonstrating the versatility of data transmission with light. Also includes microphone, AM/FM radio, patch cords & audio receiver.

Stk.	Mfr.	Price
535612	IF-UL08-635Y	\$600.00



Student Lab Starter Set

Industrial Fiber Optics Contains all the lenses and optic accessories necessary to perform a large number of demonstrations and student labs.

Includes Helium-neon Laser, Hard-seal, Class II 0.8 mW (ML810) Photometer, 8-range (45-230) Laser Optics Lab (45-600).

Stk.	Mfr.	Price
543830	MW45-810	\$964.00



Laser Optics Lab

Industrial Fiber Optics Laser optics lab contains more than 30 optical parts and accessories. With the lab components and instructions, students can:

- Measure wavelength of light using techniques of Young, Michelson & Lloyd
- Constrict optical levers to detect & measure movements so small they are almost imperceptible to the human eye
- Test a lens for defects, collimate light & check vision
- Capture light in an arcing water jet or a glass fiber & investigate fiber optics phenomena
- View a hologram, observe interference rings & measure the diffraction patterns with a ruler
- Determine index of refraction of a liquid or transparent solid by measuring bend in intense laser beam as it enters or leaves material
- Investigate reflection, refraction & critical angle
- Study characteristics of light: wavelength, interference, diffraction & polarization

Includes optics bench system (metal component carriers that attach magnetically to steel optical table), 3 lenses, 4 mirrors, coated beam splitter, triangular prism, beam spreader, air wedge, transmission hologram, diffraction mosaic, diffraction grating, fiber optics light guide, pair of glass interference plates plus polarizing & color filters, plus 68-page manual.

Stk.	Mfr.	Price
535620	45-600	\$191.00

Helium-neon Lasers



Industrial Fiber Optics Provides 20,000 hours of continuous operation. For individual student lab work or hands-on group demonstrations. Rugged extruded aluminum housing contains laser tube and all power supply

components. Has standard 1/4" camera-type threaded hole in bottom for tripod or optical bench mounting. Threaded optics mount over front aperture to facilitate mounting lenses, filters or collimators. Slide shutter over front aperture blocks beam without having to shut off power (as required by US CDRH).

- Rear end cap w/power switch & indicator lamp, fuse holder & line cord w/3-prong grounded plug
- Hard-seal laser tube ensures long, dependable life
- Solid-state power supply mounted on printed circuit board
- Labels & safety features to meet all US CDRH regulations
- Shock-resistant mountings
- Full-length rubber strips along bottom

Class II Laser 0.5 mW Ideal for individual work in the student laboratory or for group demonstrations. Power requirements: 105-125VAC, 30 watt.

Stk.	Mfr.	Optical Output Power	Price
535540	ML800	.05 mW	\$468.00

Class II Laser 0.8 mW Same as ML800 but w/output power of 0.8 mW. Beam is visible in bright or semi-darkened room of average size, but to see fine details in diffraction pattern or make holograms or precise intensity measurements of laser output, a relatively dark room is suggested.

Stk.	Mfr.	Optical Output Power	Price
535547	ML810	.08 mW	\$480.00

Class IIIA Laser 2.0 mW For shorter exposure times in holography, better fringe visibility for interferometry, greater irradiance for long distance communications & for large area illumination. Excellent beam power stability w/less than 5% variance after warm up.

Stk.	Mfr.	Optical Output Power	Price
535555	ML820	2.0 mW	\$399.00

WIND ENERGY



STEM Plus 4 V3 Turbine Competition Kit

Picoturbine Takes learning to the next level by adding competition to the equation. Each interface allows up to 4 alternating power sources to be compared at one time. Using a PC, students see real time data comparison of

RPM's and power output of their alternators.

- Works seamlessly w/PicoTurbine Savonius V3 Wind turbine kit
- Students learn what helps or hinders alternator efficiency through trial & error

Includes STEM Plus interface & 4 PicoTurbine SavoniusV3 Wind turbines, 1 cable & 1 CD.

Stk.	Mfr.	Price
681510	PVSI	\$240.00



Savonius Model Wind Turbine V3 Kit

Picoturbine Kit is a fully functioning miniature vertical windmill. Users learn how S-foil wind blades capture energy from any direction. They build an alternator that uses magnetic induction to produce electrical current. Ideal for science fair projects and classroom demonstrations.

- Injection molded base & frame
- Produces approximately 1.5-6.0V/50mA at wind speeds of 12 mph
- For ages 10 & up

Includes sets of recycled plastic s-foils, disc & blades, 4 ceramic grade-five magnets & pre-wound 4 (220)-turn copper coils.

Stk.	Mfr.	Size	Price
681520	PWV3	8"H x 5.7"W x 5.7"D	\$43.80

SKY-Z Horizontal Wind Turbines



Picoturbine Explore wind energy in this compact, innovative turbine design. Its features include 8" blades within a 3 or 6-blade hub with pitch angles, as well as 4 coils and 4 magnets to build and customize the generator. Turbine creates alternating current power. Built-in LED light helps to indicate the generated power.

26" blade to floor, 18" nose to floor, 6.2" base

SKY-Z Includes 4 types of rectification experiments, 3-blade hub & three 8" blades.

Stk.	Mfr.	Price
681515	PWH1	\$78.00

SKY-Z Plus Includes 4 types of rectification experiments, 6-blade hub & six 8" blades.

Stk.	Mfr.	Price
681516	PWH2	\$97.50

Sky-Z Mini Turbine Basic DC

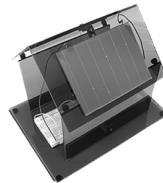
Picoturbine

- 20" tall wind turbine w/DC motor
- Max efficiency at 2,700 RPM's
- Power up to 1.2W
- Variable hub w/pitch angles
- Mfr.'s 1-yr. limited warranty

Includes set of six 6" blades, 6-blade hub & 6-24V DC motor.

Stk.	Mfr.	Price
681565	PWH16	\$68.30

SOLAR POWER



54-in-1 Solar House Lab

Chaney Students create a model house made of Plexiglas and install an amorphous silicon glass solar panel to simulate how to harness the sun's energy. This kit will introduce students to basic technology and fundamental concepts used in common household devices such as lighting, thermostats, fire alarms

and burglar alarms. These technologies include solar panels, motors, fans, resistors, diodes, LEDs, switches, lamps and batteries.

Easy-to-follow pictorial diagrams will guide the student through 26 chapters containing a variety of activities and useful experiments along with fun and interesting facts relating to solar energy. Kit offers a hands-on approach that is applicable for use in grades 6 through college. No soldering or additional batteries required. Re-usable and safe to use. Beginner skill level.

Includes parts, components, wires, breadboard, solar panel & detailed instruction manual.

Stk.	Mfr.	Price
301000	C7041	\$60.00



EcoStem Village Kits

ECO CAD Students build solar house kits and conduct simulated Power Grid experiments with solar panels, rechargeable batteries, LEDs, fans, water pumps, a 3-blade wind turbine and a remote controlled electric car. They connect multiple houses together in an electrical Power

Grid to simulate electrical blackouts and brownouts. It is a great way to have students assemble and wire each house to learn about renewable energy and how the real Power Grid works.

Each house supports up to 2 students. No cutting or trimming required. Assembly requires only a screwdriver. More houses and accessories can be added to the grid.

Each kit includes pre-cut, pre-drilled coroplast foundation, walls, ceiling & roof, 4 ceiling LEDs with attached wires, 3 AA rechargeable NiMH batteries w/battery holder & wires, 2 solar panels (6V 150ma) w/attached wires, ceiling motor-fan w/attached wires, aggregator circuit board (EV-AB) w/4 input & 4 output switches plus push terminals that accept wires from the components above & connectors for CAT5 cables on each end to attach the houses together into a power grid, CAT5 cable (3'L) w/attached 8-pin connectors on each end, mounting hardware (screws, angle brackets, etc.), USB Module (EV-USB), energy monitoring software classroom license (Windows), 6 hand held, battery operated 27 LED lights, 3 multi-function meters, 3-blade wind turbine, remote controlled, super-capacitor electric car, mini water pump, complete experiments, student exercises & teacher guide.

Stk.	Mfr.	Item	Price
379850	EV-COL	3 House Kit	\$995.00
379851	EV-HOUSE	1 House Kit	\$249.00



Solar Deluxe Educational Kit

Elenco Solar power harnesses the sun's power with environmental-friendly D.I.Y. kit. A series of experiments teaches the basics of solar energy. They'll learn how to make electrical and solar circuits, how to increase voltage and current and how to use solar power to

produce energy for a radio, calculator, battery charger, a cassette player and more. For ages 10 & up.

Includes fan unit, musical unit, plastic lamp, DC motor, solar cell module w/stand, yellow plastic turntables (4 sizes), paper airplane & bird models, jumper, connecting wires, screwdriver, screws, nuts & assembly manual.

Stk.	Mfr.	Price
390492	SK-40	\$24.20



Electricity Learning Kit

Picoturbine Solar Lab 1.0 demonstrates solar cell and electrical circuitry concepts. 9 step-by-step labs of easily understood experiments. Each lesson teaches introductory knowledge on solar cells as they integrate into circuits.

Includes manual, solar powered battery charger (batteries included), 7-function multimeter for circuitry testing and experimentation & high quality solar cells.

Stk.	Mfr.	Price
681530	PSL4	\$62.40



Solar Power Kit

Elenco 150 challenging experiments teach students how to convert solar energy. They'll build a solar electric generator, motor, water heater, furnace, thermometer, crane and solar energy mobile. Unique experiments with color optics, electroplating, stroboscopes, thermodynamics and Moiré patterns.

Includes crane arm, diode, electrodes, galvanometer set, heat absorber bag, LED, magnifying glass, mirror, motor, plastic arm, jar w/lid, resistor, solar cell, test tube w/metal holder, thermometer, supplies & manual.

Stk.	Mfr.	Price
390288	EDU-8405	\$47.30



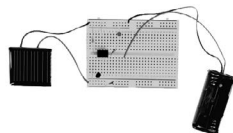
Basic Solar Education Kit

Picoturbine Mini solar panel with motor and plastic fan for school projects and experimenting. Can be used indoors using a 100-150W bulb, from a distance of about 6-12".

Panel measures 2.5" x 3.5". Output 0.9V, approx. 400mA.

Includes solar cell, motor, fan & 3' wire.

Stk.	Mfr.	Price
681500	PSL1	\$20.80



Solar Energy Experiment Kit

Velleman 10 fun solar powered projects. Projects include: LED, attention grabber, cricket, battery charger, garden light, musical instrument, IR remote tester, motion detector and alarm simulator. No soldering required.

Includes breadboard, micro controller & manual.

Stk.	Mfr.	Price
949040	EDU02	\$33.90



Mini Lab Solar Energy Kit

Slinky A complete lab with solar collector, solar heater, energy focusing lens & thermometer. Conduct over 25 fun and safe sun-related experiments. Collect and measure energy using a variety of solar tools. For ages 8+.

Includes 9-piece solar energy lab & instruction booklet.

Stk.	Mfr.	Price
621497	02010	\$10.00

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



6-in-1 Educational Solar Kit

OWI Students learn the benefits of solar energy by creating fun, battery-free models. Beginner building kit shows how solar power drives a small motor. Snap-together parts build 6 different working models (car, dog, airplane, plane, windmill & revolving plane).

Includes 21 snap-together parts, solar panel (75mA), DC motor & manual.

Stk.	Mfr.	Price
390336	OWI-MSK610	\$26.40



Solar Astronaut Robot Kit

Picoturbine Beginner's kit requires little to no previous knowledge of electronics to construct and operate. The instructions walk the users through the construction process of building this easy to use solar powered robot. 105 moving parts powered by solar cell or can switch to 1 AA battery. No soldering required. For ages 8+.

Includes solar cell, gears, shafts, motor & plastic body.

Batteries not included, sold separately.

Stk.	Mfr.	Price
681502	PSL6	\$25.60



Super Solar Racing Car

OWI Easy-to-assemble and demonstrates alternative energy principles. No batteries and tools required and less than a dozen parts to assemble.

Stk.	Mfr.	Price
390265	OWI-MSK671	\$16.50



Sonic F1 Solar Car Kit

OWI Dragster offers aerodynamics, transmission, speed and style for exciting racing. Green technology vehicle uses the sun to attain amazing speeds. Easy to build (just 8 parts!) and fun to compete.

Includes parts & solar cell (1.1V, 50mA).

Stk.	Mfr.	Price
390268	OWI-MSK674	\$21.90



Photon Solar Racer Kit

Elenco Sleek solar car teaches students about solar energy and its conversion to useful applications. Paintable, clear plastic racer runs on a high efficiency solar cell. No soldering required.

Stk.	Mfr.	Price
390270	AK-590	\$35.10

We're experts when it comes to setting up your classroom, shop & lab. Call us at 800-831-5904.



Solar Power Fun Racer

Picoturbine Ideal for learning the basics of solar cell technology and circuitry design. This beginner's kit requires little to no previous knowledge of electronics to construct and operate. The instructions walk the users through the construction process of building this easy to use solar powered racecar. No soldering required.

Stk.	Mfr.	Price
681536	PSL5	\$25.60

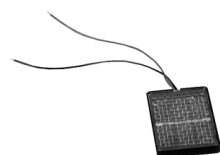


T3 Transforming Solar Robot

OWI Easily transforms into 3 designs: Tank, Robot and Scorpion. Only basic building skills are required. For ages 9+.

Includes solar panel (75mA) & DC motor.

Stk.	Mfr.	Price
390293	OWI-MSK614	\$25.70



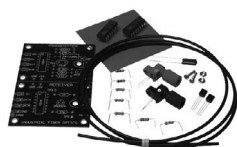
Encapsulated Solar Cells

Velleman Polycrystalline solar cell for educational purposes.

Includes red & black lead wires.

Stk.	Mfr.	Volts	Current	Size	Price
949230	SOL1	0.5	400mA	1.8" x 2.8" x 0.2"	\$6.96
949231	SOL2	0.5	800mA	2.6" x 3.7" x 0.2"	\$12.00
949232	SOL3	1	200mA	1.8" x 3.0" x 0.2"	\$7.80

FIBER OPTIC



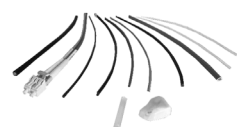
Educational Communication Kit

Industrial Fiber Optics Inexpensive kit examines fundamentals of fiber optic communication technology. Assemble and test digital fiber optic links. Construct high-voltage isolation for telephones, modems and computers. Kit is an easy-to-assemble, digital link for experimenting

and science projects. Soldering experience recommended for assembly.

Includes red LED & photodetector, one meter of optical fiber, printed wiring boards, polishing film, oscillator chip, electronic components & instruction booklet.

Stk.	Mfr.	Price
535608	IF-E22	\$27.00



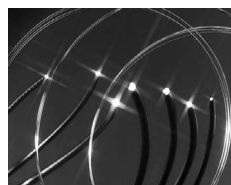
Deluxe Fiber Assortment Kit

Industrial Fiber Optics A low-cost sampling of 12 or more different optical fiber optical materials or cable that would be expensive if purchased individually. Kit contains at least two pieces of fluorescent fiber, a glass coherent

light guide and a sample of the ulexite stone.

Includes lengths of glass fiber, jacketed & unjacketed plastic core materials, multi-fiber light guides & coherent fiber guide.

Stk.	Mfr.	Price
535606	IF-FGB2	\$18.00



Optical Sample Kit

Industrial Fiber Optics Demonstrates fiber optic principles. Contains an assortment of fiber core diameters. These fiber lengths are commonly used in illumination projects as well as in model airplanes, model automobiles and small-scale railroad construction.

Stk.	Mfr.	Price
535607	IF-53883	\$27.00



Optical Voice Link Kits

Industrial Fiber Optics Suitable for science projects, short audio fiber optic curriculums for schools, classroom demonstrations, hands-on industrial training and voice transmission in electrical isolation applications. No special tools or prior experience necessary. Link can be extended to 200'.

Includes printed wiring boards, switches, electronics, microphone, 8-ohm speaker, 9.8' fiber optic cable, & an uncomplicated tutorial & step-by-step assembly instruction manual.

Requires two 9V batteries, sold separately.

Stk.	Mfr.	Item	Price
431832	IF-OVL10-K	Ready-to-Assemble Kit	\$70.50
431833	IF-OVL10-A	Assembled Kit	\$135.00



Fiber Optic Experiment Kit

Industrial Fiber Optics Ideal for designing experiments, original science projects and short-distance optical isolation applications.

Includes 3.3' (1 meter) of 1000 µm plastic optical fiber, matched LED & photodetector (IF E91A and IF D92, respectively) with integral fiber optic connectors, instructional design information & application hints.

Stk.	Mfr.	Price
431829	IF-E10	\$9.45



Fiber Optic Minicourse

Industrial Fiber Optics This short course is intended as a supplement to other more general electronics classes. Class length is variable, to meet instructors' time constraints: 5 to 10 1-hour periods, plus two 2-hour experimental sessions.

The course begins with "The History of Fiber Optics", followed by sections describing fiber optic communications systems and their individual components. Also included are a list of additional reading references and a helpful fiber optic glossary. Experimental sessions involve students in assembling and testing a fully functional fiber optic digital communication link with separate transmitter and receiver modules.

No prior fiber optics experience or special tools are needed for assembly and demonstration.

Includes full-color classroom manual & kit containing all required electronic components, including printed wiring boards, fiber optic LED, photodetector & cable.

Stk.	Mfr.	Price
431827	IF-MC10	\$51.00

NON-SOLDERING ELECTRONIC PROJECT KITS

littleBits Kits Kits consists of tiny circuit-boards with specific functions engineered to snap together with magnets. No soldering, no wiring, no programming, just snap together for prototyping, learning and fun. Each bit has a specific function (light, sound, sensors, buttons, thresholds, pulse, motors, etc.), and modules snap to make larger circuits.



littleBits Base Kit

littleBits A fantastic foundation for a journey into creation and design. 10 color-coded Bits modules guarantee to keep curious minds engaged for hours. With over 150,000 possible circuit combinations, there's certainly nothing basic about the Base Kit. For ages 8+.

Includes DC motor, light sensor, button, power, bright LED, buzzer, bargraph, dimmer, 2 wires, motorMate, battery, cable, screwdriver & booklet.

Stk.	Mfr.	Price
505100	650-0119	\$108.00



littleBits Premium Kit

littleBits Designed for those that crave creativity and includes everything you need to start designing and prototyping your own inventions. 14 color-coded Bits modules make over 600,000 possible circuit combinations! Look

forward to such favorites as the pressure sensor, vibrate motor and the all-new servo motor, a controllable motor that can swing back and forth.

Includes fan, slide dimmer, roller switch, branch, 2 long LEDs, power, pulse, vibration motor, 2 wires, pressure sensor, servo w/accessories, sound trigger, vibrateSnap, screwdriver, battery, cable & booklet.

Stk.	Mfr.	Price
505101	650-0120	\$162.00



littleBits Classroom Kit

littleBits This set, customized for educators, contains 26 color-coded uniquely functioning modules that snap together magnetically to create larger circuits for prototyping, learning

and design challenges. Set is the ideal resource for STEM and STEAM (Science, Technology, Engineering, Art and Mathematics) teaching and learning. 1 Classroom set is perfect for 4 students working individually or 8 students working in pairs. For ages 8+.

Includes Base Exploration Kit, Premium Exploration Kit, 2 quick-start instruction booklets w/circuit & project ideas, 2 additional power bit modules, 2 9V batteries, cables & 2 screwdrivers.

Stk.	Mfr.	Price
544856	650-0011	\$279.00



littleBits Space Kit

littleBits Designed in collaboration with NASA scientists and engineers, this kit brings you fun and powerful ways to explore Earth and Space science in the classroom. 12 modules, 5 NASA lesson plans and 10 STEM activities.

Learn scientific principles like Electromagnetic, Kinetic and Potential Energy. Make a Mars Rover or an ISS; transmit music wirelessly and more. For ages 14+.

Includes dc motor, light sensor, 2 power modules, 2 wires, bright LED, microphone, IR LED, number, remote trigger, speaker, battery & cable, screwdriver, motorMate, audio cable & 1 activities booklet

Stk.	Mfr.	Price
505110	650-0123	\$162.00



littleBits Smart Home Kit

littleBits Kit can turn any household object into an internet-connected device. Instead of buying different smart products, you can reinvent the things you already have. Control your AC from anywhere. Automate your curtains to

open at sunrise. Make a remote-controlled pet feeder. Kit makes it easy to snap the internet to anything.

Includes USB power, light sensor, button, servo, sound trigger, bright LED, split, synth speaker, MP3 Player, IR Transmitter, temperature sensor, cloud-Bit™, threshold, number, screwdriver, Shoes, Servo accessories, mounting boards, USB power adapter/cable & AC switch.

Stk.	Mfr.	Price
505115	680-0001	\$262.00



littleBits Arduino Coding Kit

littleBits This kit contains 8 prototyping modules. It's everything you need to get started with electronics and programming. Make your own Etch-a-Sketch™! Program a visual display! Learn the basics using the Arduino programming environment, without the breadboarding,

soldering or wiring normally required. Perfect for hackers, designers, makers and tinkerers of all levels. For ages 14+.

Includes bargraph, button, 2 dimmers, power, servo, fork, Arduino, battery & cable, micro USB cable & mounting board.

Stk.	Mfr.	Price
505116	680-0002	\$96.60



littleBits Hardware Kit

littleBits This kit is the quickest way to get started developing your own module for the bitLab. The 2 proto modules allow you to connect to PCBs and breadboards while the perf module allows you to build a small circuit right on the module. When you're ready to design your PCB, you can use the included gray

bitSnap™ connectors to attach to the board. We've also included color-coded stickers so you can easily denote your bitSnaps as power, input, wire, or output. For ages 14+.

Includes 2 proto modules, perf module, 12 bitSnaps (6 male & 6 female) and color-coded bitSnap stickers (blue, pink, orange & green).

Stk.	Mfr.	Price
505120	680-0005	\$43.40



littleBits Power Bit Module

littleBits Power bit lets you use a 9V battery to supply electricity to your littleBits. Snap in the battery & cable (sold separately) and flip the switch to turn it on. For ages 8+.

Stk.	Mfr.	Price
505090	650-0061	\$7.30



littleBits 9V Battery & Cable

littleBits For use with the power Bit, and won't work with the USB or coin battery Bits. For ages 8+.

Includes 9V alkaline battery & cable.

Stk.	Mfr.	Price
505080	660-0006	\$6.25



Electricity Kit

Poof-Slinky Hands-on introduction to electricity and electrical circuits. Learn about series, parallel, short circuits, voltage switches, current, resistance and more. For ages 8+.

Includes circuit board, battery holder, brass strip, 2 light bulbs w/holders, switch, 11 long wires, 11 short wires, 2 bulb holder clamps, morse code switch, 22 washers, 33 brads, 2 resistors, plastic jar w/lid, steel wool, 14 springs & manual.

Requires 4 AA batteries, sold separately.

Stk.	Mfr.	Price
621506	02018	\$11.00



Electro-Magnetix Kit

Poof-Slinky More than 30 experiments, magic tricks and games, plus the simplest, yet most mysterious, electromagnetic motor ever built. For ages 8+.

Includes 57-piece lab kit & instruction booklet.

Requires 1 D battery, sold separately.

Stk.	Mfr.	Price
621505	02017	\$10.00



Mini Lab Electric Motor Kit

Slinky Explore the world of electro-magnetics and how it causes a motor to do the things it does. Build a battery powered motor, attach it to your boat and watch it cruise. For ages 8+.

Includes electric motor kit, 9"L plastic boat & instruction booklet.

Requires 1 D battery, sold separately.

Stk.	Mfr.	Price
621500	02013	\$11.00



Tin Can Mechanical Man

Poof-Slinky Use a pop can (*not included*) to make Mechanical Man. Easy to follow instructions. For ages 8+.

Requires 1 AA battery, sold separately.

Stk.	Mfr.	Price
621520	02032	\$10.00

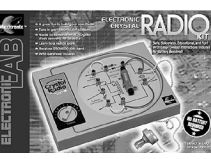


Crystal Radio Kit

Poof-Slinky Build a working crystal radio that will pick up radio stations, plus experiment with radio waves while learning chemistry basics. No batteries or soldering are needed. For ages 8+.

Includes diode, base, 4 rubber bands, tuning rod, 2 connecting wires, coil wire, sand paper, earphone, 3 nuts, 3 bolts, 4 washers, coil tube, tuning ball & manual.

Stk.	Mfr.	Price
621499	02012	\$11.00



Electronic Crystal Radio Kit

Elenco No batteries required, crystal diode converts RF (*radio frequency*) to audio so you'll be able to tune in your favorite AM radio stations.

Includes earphone, all parts needed & easy-to-read instructions.

Stk.	Mfr.	Price
390391	MX-901C	\$16.50



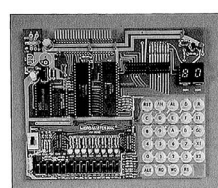
Remote Control Car Kit

Elenco Solderless kit teaches gears, motors, printed circuit boards, integrated circuits, plus basic transmitters, receivers and electronic switching theories. As students construct each section, they'll explore and troubleshoot the circuitry. Car features 7 remote functions, flash-top light and single channel operation.

Includes remote control, detailed color assembly & training manual.

Requires 9V & 4AA batteries, sold separately.

Stk.	Mfr.	Price
390331	FUN-875	\$37.00

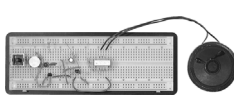


Computer Theory Kit

Elenco Teaches students to write into RAM, ROM and run an 8085 microprocessor. Uses the 8156 IC, 2048 Bit static MOS RAM with I/O ports and timer and the 2816 E2 Prom, electrically erasable programmable ROM. Learn how to scan the keyboard and display. No previous computer knowledge required.

Includes lesson manual & experiments.

Stk.	Mfr.	Price
390460	MM-8000K	\$198.00

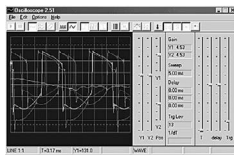


Basic Electronic Experiment

Elenco Transform breadboard into an electronic learning center. Perform 50+ experiments including electronic keyboard, water alarm, finger-touch lamp, electronic kazoo, battery tester, magnetic bridge, voltmeter, morse code and more.

Includes parts for 50 experiments w/manual, breadboard & 9V battery.

Stk.	Mfr.	Price
390494	PK-101B	\$31.40



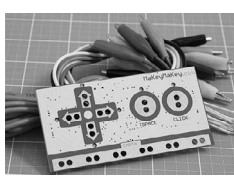
Basic Electronics Kit with Computer Interface

Elenco Computer interface turns PC into an oscilloscope and spectrum analyzer. See visually how oscillators and amplifiers work. Analyze your own voice on the monitor. Includes 50+ experiments including Basic Electronics Kit (PK-101), plus experiments to create audio amplifiers, oscillators, siren, space gun, burglar alarm, speaker microphone and more.

Includes parts for 50 experiments w/manual & 9V battery.

Requires Breadboard (Mfr. 9830), sold separately.

Stk.	Mfr.	Price
390495	PK-201	\$52.40



MaKey MaKey Standard Kit

Maker Shed Kit is an Arduino-based device that lets you turn nearly anything into a computer key. Just attach alligator clips to food, people, liquids, Play-Doh, or any other somewhat conductive material for a whole new level of interactivity and fun. Kit uses high resistance switching to detect connections. This allows it to detect a "button press" even if the material is only somewhat conductive. Onboard ATmega32u4 communicates to your computer with the HID (*Human Interface Device*) protocol allowing it to "act" as a keyboard or a mouse.

Includes HID board, mini-USB cable, jumper wire pack & alligator clip pack.

Stk.	Mfr.	Price
513200	MKJLI	\$75.00



Raspberry Pi B Starter Kit

Maker Shed Kit includes virtually everything you need to get your Pi up and running, including a power supply, USB cable, and SD card. The Raspberry Pi B is a small computer that runs Linux. It has many capabilities of a traditional PC, including word processing, web browsing, and games.

Includes Raspberry Pi Single-Board Computer, MAKE 3.14 Breakout, MAKE: Pi Enclosure, USB power supply (1A) & USB cable, SDHC flash memory card, deluxe full-size breadboard & jumper wires, Mintronics: Survival Pack Guts (60+ components), HDMI high-speed cable & Getting Started with Raspberry Pi Book.

Stk.	Mfr.	Price
513205	MSRPIK2	\$147.00



Raspberry Pi B+ Bundle

Maker Shed Getting Started with Raspberry Pi B+ Bundle is the perfect way to get into all things Raspberry Pi B+. Features extra USB ports, micro SD slot and GPIO pins.

Includes Raspberry Pi Model B+ board, 8 GB microSD NOOBS Operating System Card &

Getting Started With Raspberry Pi 2nd Ed.

Visit our website for more information.

Stk.	Mfr.	Price
513210	MSBUN76	\$52.50

Getting Started w/Arduino Kit V3.0



Maker Shed The Arduino microcontroller is the open source electronics prototyping platform that's taken the maker world by storm. Using the included components, you'll create electronics projects that sense and react to the physical world around you.

The Getting Started Kit will teach you how to:

- Wire up, program & blink the most basic of actuators, an LED
- Connect sensors & then monitor them for changes in values
- Write sketches to perform tasks in response to real-world data input
- Work w/included sensors, switches, breadboard & jumper wires to prototype circuits that respond to light levels, touches & more

Includes Arduino UNO, USB cable, 9V battery pack w/DC plug (requires simple soldering), clear breadboard, deluxe jumper wires, 7 LEDs (2 red, 2 green, 2 blue, 1 RGB), 10kΩ Ohm resistors, 10 220Ω resistors, 1 270Ω resistor, 2 photoresistors, 2 momentary buttons & clamshell box.

Stk.	Mfr.	Price
513215	MSGSA	\$73.20

Quartz Clock Movement Module Kits



Primex Use hands-on projects can for individual or group activity to promote interest in science and electronics. Students assemble the clock movement to create a working clock.

Includes unassembled quartz movement, mounting hardware, hr./min./sec. hands, AA battery, 5-7/8" dia. styrene dial & assembly instruction.

Stk.	Mfr.	Item	Price
682020	10005	Kit only	\$8.25
682083	49650	Kit w/Lesson Plan Guide	\$9.90

Wall Clock Kits



Primex Great for middle or high school students learning manufacturing and/or graphic curriculums. Students will step through the process of producing a finished product in a manufacturing environment.

Includes frame, lens, clock movement, hands, dial backing, template & instructions.

Stk.	Mfr.	Color	Price
682040	34487	Blue Frame	\$11.10
682042	34488	Red Frame	\$11.10
682043	34489	Black Frame	\$11.10
682044	34490	White Frame	\$11.10

Customizable CD Clock Kit



Primex Perfect for graphics and marketing curriculums, this kit contains a CD with a clock dial template. Load onto a computer and use in conjunction with free downloadable Avery software. Change the numeral font style, size, add a photo and personalize with names, dates, etc.

Includes quartz clock movement, hardware, hr./min./sec. hands, 5" frosted acrylic easel, Dial Graphic Template CD & sheet of 2 Avery CD labels.

Stk.	Mfr.	Price
682050	35383	\$12.90

Arabic Clock Insert



Primex Inserts are high-quality clocks designed to meet your economical needs. Plastic bezel, backplate and lens. Friction-fit mounting system. 3-yr. mfr.'s warranty.

Overall Dia. 3-1/4" (83 mm).
Mounting 2-29/32" dia. x 5/8"D.

Requires 1 AA battery, sold separately.

Stk.	Mfr.	Price
682023	15559	\$11.00

C Cell Clock Movement with Hands



Primex Long life movement runs up to 3 years on C battery. Small size offers flexibility for mounting in small or large clocks. 3-yr. mfr.'s warranty.

Size 2-3/4"H x 2-3/16"W x 1"D.

Includes pair of hands & hanger.

Requires C battery, sold separately.

Quantity Savings!							
Stk.	Mfr.	Dial Thickness	Shaft L.	Shaft Dia.	Qty.	Price	50 or more
682000	101590	5/16" max.	1-3/16"	3/8"	1	\$12.10	\$10.30

AA Cell Quartz Clock Movement with Hands



Primex Super-accurate timekeeper. Built-in molded hanger strong enough to hold up to 4 lbs. Fits in a 3" dia. hole. 6-yr. mfr.'s warranty.

Size 2-7/32"H x 2-7/32"W x 5/8"D.

Includes pair of hands.

Requires AA battery, sold separately.

Quantity Savings!							
Stk.	Mfr.	Dial Thickness	Shaft L.	Shaft Dia.	Qty.	Price	100 or more
682010	104000	3/4" max.	1-3/16"	5/16"	1	\$3.19	\$2.75

All-In-One Project Labs

Elenco Labs teach students about electronics from A-Z. They'll learn about electronic parts, reading schematics & writing diagrams while building up to 500 different & interesting projects. Uses spring hook-up method. No soldering required. For ages 10+.



300-in-1

Elenco A great introduction to the world of advanced electronics is covered in this lab containing an easy-to-read, illustrated, lab-style manual. Uses spring and breadboard hook-up methods.

Includes all parts & instructions needed to build:

- Transistor Radio • Multiple Counter • Rain Detector • IC Organ
- Digital Light Dimmer • Voltage Drop Alarm • Burglar Alarm
- Tone Burst Generator • Logic Checker • Delayed Timer
- Audio Signal Tracer • Function Generator • Electronic Game
- Electronic Candle • Voltage Controlled Amplifier • Optical Volume
- Voice Level Meter • Multiplier • Metal Detector • & many more!

Requires 6 AA batteries, sold separately.

Stk.	Mfr.	Price
390388	MX-908	\$139.00



50-in-1

Elenco Ideal for beginners, this lab explores the workings of circuitry including voltage, current, resistors, capacitors, transistors, diodes, transformers, speakers and antennas.

Includes all parts & instructions needed to build:

- Finger Touch Lamp • Magnetic Bridge • Voltmeter • Morse Code • Alarm
- Electronic Noisemaker • Electronic Kazoo • Electronic Keyboard
- Transistor Radio • Radio Announcer • Metal Detector

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
390384	EP-50	\$22.50



75-in-1

Elenco The basic principles of electricity, electronics, physics and magnetism are covered in this lab containing an easy-to-read, illustrated, lab-style manual.

Includes all parts & instructions needed to build:

- Timer Buzzer • Electronic Organ • Sound-sensor Timer • Sound Alarm
- Motion Detector • 4-Level Photometer • Burglar Alarm • First-aid Siren
- 2-Stage Timer Sound • Photo-level Alarm • Pulse Width Modulation
- Voltage Detector • Logic Tester • Water Level Alarm • Conductivity Tester
- Electronic Coin Toss • Sound Level Meter • Optical Volume • Motion LED
- DC to DC Converter • & many, many more!

Requires 4 AA batteries, sold separately.

Stk.	Mfr.	Price
390385	MX-905	\$58.50



130-in-1

Elenco The basic principles of voltage, current, resistors, capacitors, transistors, diodes, transformers, speakers and antennas. Lab contains an easy-to-read, illustrated, lab-style manual.

Includes all parts & instructions needed to build:

- Electronic Siren • LED Strobe Light • Light Dimmer • Sound Amplifier
- Winking LED's • Sound Machine • Pencil Organ • Burglar Alarm
- AM Radio Station • Logic Tester • Metal Detector

Requires 6 AA batteries, sold separately.

Stk.	Mfr.	Price
390269	EP-130	\$45.00



500-in-1

Elenco Learn the basics of electronics and put that knowledge to work creating 500 electronic experiments, special lighting effects, radio transmitter and receivers, amazing electronic sound effects, cool games and more.

Features built-in breadboard for easy wiring and connection of components, and an LCD (liquid crystal display) indicates the information during the experiments in process. Uses breadboard and spring hook-up methods to build knowledge by exploring amplifiers, analog and digital circuits, plus how to read schematic diagrams.

Includes transistors, transformers, diodes, resistors, capacitors, phototransistors, CDs, integrated circuits, speaker, earphone, LED's, LED digit display & fact-filled illustrated lab-style manual.

Requires 6AA batteries, sold separately.

Stk.	Mfr.	Price
390389	MX-909	\$360.00



4-In-One Action Kit Lab

Elenco Students will build an operating motor, discover how an electric bell is constructed and how it rings, and they'll find out how a generator makes electricity. The lab features a meter to measure the amount of electricity used in experiments. For ages 8+.

Some experiments include

- Electromagnet & reverse polarity
- Using a generator to control a motor's forward/reverse rotation & to operate an electric bell
- Color mixing w/rotating color disc

Includes all parts needed & easy-to-read illustrated lab-style manual.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Price
390390	MX-902	\$41.40

CAN'T FIND IT?

We have access to 1,000's of Products not listed here.

Call us for assistance. 800-831-5904

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

Snap Circuits®

Elenco Snap Circuits make learning electronics easy & fun! Students follow colorful pictures to build exciting projects such as AM radios, burglar alarms, doorbells & more. Parts are mounted on plastic modules & snap together with ease. No tools required. For students age 8+.

Requires batteries, sold separately.



Snap Circuits Jr.

Elenco Students will have hours of fun building more than 100 projects while learning the basics of electronics.

Some experiments include:

- Flying saucer
- Spin draw
- Sound activated switch
- Alarms & touch circuits
- Games

Includes 30+ parts including a photoresistor, music IC, motor, space war IC & manual.

Requires 2 AA batteries.

Stk.	Mfr.	Price
390339	SC-100	\$34.20



Snap Circuits

Elenco Students will build more than 300 projects while learning how transistors and capacitors function, how to make time delay circuits and how oscillators and photo sensors work.

Some experiments include:

- AM radio
- Radio announcer
- Lie detector
- Burglar alarm
- Plus, experiments from Snap Circuits, Jr. Kit

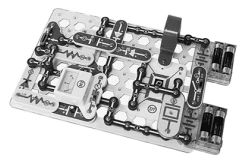
Includes 60+ parts including 2 transistors, microphone, power amplifier IC, variable capacitor & manual.

Requires 4 AA batteries.

Stk.	Mfr.	Price
390340	SC-300	\$65.40

Snap Circuits w/Computer Interface **Includes** the above plus, 73 computer-interfaced experiments.

Stk.	Mfr.	Price
390348	SC-300S	\$84.90



Snap Circuits Pro

Elenco With this pro-version kit, students will build more than 500 projects and learn how 7-segment displays, meters, relays, transformers and diodes work.

Some experiments include:

- FM radio
- Adjustable light control
- Digital voice recorder
- AC generator
- Plus, experiments from Snap Circuits, Jr. & Snap Circuits Kits

Includes 75+ parts including voice recording IC, FM radio module, analog meter, transformer, relay, 7-segment LED display & manual.

Requires 4 AA batteries.

Stk.	Mfr.	Price
390341	SC-500	\$97.50

Snap Circuits Pro w/Computer Interface **Includes** the above plus, 73 computer-interfaced experiments.

Stk.	Mfr.	Price
390349	SC-500S	\$117.00

RC Snap Rover Kit



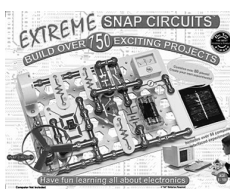
Elenco Colorful Snap Circuits parts connect together easily allowing students to effortlessly complete a wireless Snap Rover vehicle. Navigation is made simple using the remote control.

- L & R turning control
- Race up to 3 Rovers at the same time
- Night mission red/blue side lights
- Multi-function, wireless remote control
- Build 20+ projects
- Forward/backward motion
- Headlight
- Colorful moving gear
- Sound fx

Includes 30+ parts, remote control & manual.

Requires 9V & 6 AA batteries.

Stk.	Mfr.	Price
390344	SCROV-10	\$87.70



Snap Circuits Extreme

Elenco Action-packed kit allows students to build more than 750 projects including 73 computer interfaced experiments.

Some experiments include:

- Strobe light
- Solar power
- Transistor AM radio
- Electromagnetism
- Rechargeable battery
- Vibration switches
- Plus projects from Snap Circuits, Jr., Snap Circuits, Snap Circuits Pro & Pro w/Computer Interface Kits

Includes 80+ parts including solar cell, electromagnet, vibration switch, computer interface & manual.

Requires 4 AA batteries.

Stk.	Mfr.	Price
390343	SC-750	\$137.00

ELECTRONIC SOLDERING KITS



Classroom Solder Activity Kit

Chaney An economical way to introduce students to the field of electronics. Bulk package contains all the parts (400) and PC boards to build 24 kits. Activity box contains etched and drilled 2-1/2" x 1" nonfunctional PC boards and all the components and circuit boards necessary to give 24 students ample soldering practice. Beginner skill level kit. For ages 13+.

Includes resistors, capacitors, diodes, LEDs, 2 sizes of IC sockets & transistors, instructions, zip bags, PC boards, Teacher's Power Point instruction CD & demonstration PC board.

Stk.	Mfr.	Price
300958	C6774	\$135.00



4-in-1 Solder Kit

Chaney If you are introducing soldering to your students, you'll want this value packed 4-in-1 package. Each kit operates on its own and can be mounted if the student desires. At the conclusion, the student has built 1 non functional kit (*Learn to Solder*) and 3 fully operating kits (*Phasor Ray*, *Red Star Flasher*, *Yes/No Decision Maker*) that he/she can enjoy. Beginner skill level kit. For ages 13+.

Includes complete set of parts for each kit, PC boards & instructions.

Each kit requires a 9V battery, sold separately.

Stk.	Mfr.	Price
300970	C6881	\$23.70



Learn to Solder Kit

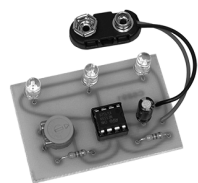
Chaney Kit designed for the student who has no experience with soldering. Kit has 30 components to solder. The first 20 components to be soldered are used to gain soldering experience, but the last 10 components, when soldered in, make up a bright red and yellow

alternating LED flasher! The LED flasher portion is built after the student has soldered in the 20 practice components, which include: capacitors, a transistor, resistors, and an IC socket. When the student completes this kit, they should have developed good soldering techniques and have a functioning LED flasher. Beginner skill level kit. For ages 13+.

Includes parts & instructions.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
300910	C6445	\$12.00



Blinder LED Flasher

Chaney Kit features 3 crystal clear special LEDs which create brilliant flashes of orange-red light. Light output of this flasher kit can even be seen in direct sunlight. Flash rate is adjustable with the built-in trimmer potentiometer. Beginner skill level. For ages 13+.

Includes parts, PC board & instructions.

Requires 9V battery, sold separately.

Stk.	Mfr.	Qty.	Price
300985	C6891	1	\$7.44
301006	C8100	25	\$102.00



Jitterbug Robot

Chaney This little robot is waiting for night, or when it's completely dark, to roam. Light sensor allows the jitterbug to move with the help of a tiny vibrating motor. Customize its antennas and legs. Flashing LED allows you to find it in the dark. Operates on a 3V CR2430 coin battery. Beginner skill level. For ages 13+.

Includes parts, battery, PC board & instructions.

Stk.	Mfr.	Qty.	Price
300979	C6984	1	\$9.82
301010	C8104	25	\$143.00



Secret Alarm

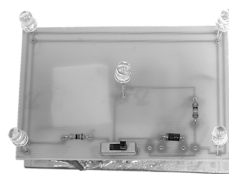
Chaney This is the perfect device to scare off someone who opens your desk, dresser, file cabinet, lunch box, etc. Uses sensitive CDS and SCR circuit to respond to light. As long as it is kept in the dark it is quiet, but when light hits

the sensor, watch out! Beginner skill level kit. For ages 13+.

Includes parts, PC board & instructions.

Requires 9V battery, sold separately

Stk.	Mfr.	Price
300920	C6455	\$13.20



Solar Camping Light

Chaney Kit features a small slide switch so you can illuminate your immediate camp surroundings when switched to the "full power" position (4 ultrabright LEDs having approx. 2 hrs. of illumination). Or you may choose to relax in your tent with the "nightlight" position (1 warm

white LED offers all night illumination). Light is housed in the bottom of a recycled 2 liter soda bottle and hung by an "L" bracket. Beginner skill level. For ages 13+.

Includes PC board, solar panel, rechargeable NiMH battery, LEDs & parts.

2 liter soda bottle not included.

Stk.	Mfr.	Price
300980	C6985	\$22.50



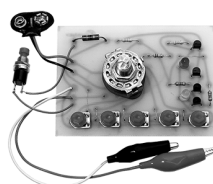
Super LED Chaser

Chaney Here is an exciting visual display! 3 groups of 2 LEDs light up sequentially to provide a red display. Kit uses 6 jumbo LEDs and 3 transistors. Kit requires soldering of components to the PC board while building with red LEDs. Intermediate skill level. Soldering experience required. For ages 13+.

Includes parts, PC board & instructions.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
300965	C6825	\$7.02



Battery Tester Solder Kit

Chaney Simple to use and tests all types of common batteries. LED lights indicate whether battery is good or bad. 5 calibration trim pots allow you to set up your tester to test any 5 different type batteries. Beginner skill level kit. For ages 13+.

Includes parts, PC board & instructions.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
300905	C6414	\$13.90



Power Supply Solder Kit

Chaney Ideal for powering breadboard experiments, small tape recorders, radios, amplifiers, calculators and various electronic projects. Kit features a transformer, circuit protecting fuse, power transistor, full-wave rectification, two radial electrolytic capacitors, LED power indicator, On/Off switch, a potentiometer and other components. Reliable circuit design with momentarily short circuit protection. Outputs a maximum current of 100mA @ 12V and 200mA @ 6V or less. Operates from standard 120VAC. Intermediate skill level kit. Soldering experience required. For ages 13+.

Includes parts, PC board & instructions.

Stk.	Mfr.	Price
300950	C6724	\$15.70

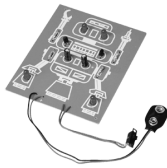
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Soldering Kits

Kits come complete with all electronic parts necessary to assemble the circuit, a printed circuit board (PCB) & an instruction sheet with parts placement diagram, assembly steps & discussion of operation. Each PCB is etched & drilled.

Batteries or Battery Eliminator, if required, sold separately.



LED Robot Blinker

Elenco Learn about free-running oscillators. You'll have fun building, displaying and learning about the LED Robot Blinker.

Requires 9V battery.

Stk.	Mfr.	Price
390338	K-17	\$11.40



Motion Detector

Elenco This super sensor detector sounds an alarm if someone approaches the unit. Learn the basics of motion detector technology. Uses pyroelectric infrared sensor.

Requires 9V battery.

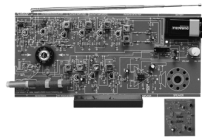
Stk.	Mfr.	Price
390475	AK-510	\$20.90

AM/FM Radio Kit

Elenco Kit is a "superheterodyne" receiver of the standard AM (amplitude modulation) and FM (frequency modulation) broadcast frequencies.

Includes radio mounting stand & 64 page manual.

Requires 9V battery.



Stk.	Mfr.	Price
390444	AM/FM-108CK	\$48.20



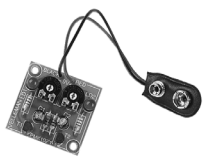
Soldering Starter Kit w/Tools

Velleman Students experiment with LED light and sound variables, plus learn about lead-free soldering.

Includes 20W soldering iron & stand (w/ cleaning sponge), Flashing LED's Kit, LED Sound-to-Light Kit, 4.3" hardened carbon-steel mini-diagonal wire cutter & lead-free solder.

Requires two 9V batteries.

Stk.	Mfr.	Price
949050	K/STARTULF	\$33.50



Flashing LED's

Velleman Produces adjustable flashing speed with 2 potentiometers

Requires 9V battery.

Stk.	Mfr.	Price
949100	MK102	\$5.16



Decision Maker

Velleman Push a button to start flashing yes/no LEDs. Flashing speed gradually decreases until 1 remains lit.

Requires 9V battery.

Stk.	Mfr.	Price
949120	MK135	\$8.63



Clap On/Off Switch

Velleman Operates lighting with a handclap. Surrounding noises won't affect operation.

Requires 12V Battery Eliminator or power adapter.

Stk.	Mfr.	Price
949124	MK139	\$17.90



Traffic Light

Velleman Miniature traffic light as used at 4-way junctions. Realistic operation with adjustable delay. 12 LEDs.

Requires 9V battery.

Stk.	Mfr.	Price
949117	MK131	\$12.80



3W Mono Amplifier Kit

Velleman Small but powerful amplifier suits a wide range of applications such as: microphone amp for doorbells, melody generators, intercom, sound effects, earphones, radio receivers, PC sound card, musical instrument and more.

- No additional heatsink required
- Single supply
- Wide supply range

Stk.	Mfr.	Price
949065	K8066	\$13.90



Space War Gun Kit

Elenco Produces a rapid fire or single shot with 2 flashing LEDs.

Requires 9V battery.

Stk.	Mfr.	Price
390310	K-10	\$11.40



Burglar Alarm Kit

Elenco An easy-to-build alarm control for car, house, room or closet. After alarm is on the only way to turn it off is to open S1.

Requires 9V battery.

Stk.	Mfr.	Price
390412	K-23	\$11.40



Sound Activated Switch

Elenco Light will go on or off with the clap of your hands.

Requires 9V battery.

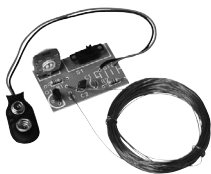
Stk.	Mfr.	Price
390442	K-36	\$14.30



Telephone Bug

Elenco Size of a dime yet it transmits both sides of a telephone conversation to any FM radio. Powered by your phone.

Stk.	Mfr.	Price
390441	K-35	\$11.40



Metal Detector

Elenco Find money, old treasure. Get started in the hobby of metal detecting.

Requires 9V battery.

Stk.	Mfr.	Price
390424	K-26	\$11.40



Solder Practice Kit: European Siren Kit

Elenco Build a flashing European siren, learn good soldering techniques and become familiar with a variety of electronic components.

Requires 9V battery.

Stk.	Mfr.	Price
390295	SP-1A	\$12.00

Kit w/Tools Includes 30W soldering iron & wire cutters.

Stk.	Mfr.	Price
390471	AK-100	\$20.90



Practical Soldering Project Kit

Elenco Exercises include identifying components, color code reading of resistors, capacitors and inductors, plus desoldering and complete voltage and resistance analysis of circuit. 163 solder points (*standard soldering connections, close tolerance soldering & tack soldering*).

Includes color code calculator, written & visual exam of performed soldering connections.

Requires 9V battery.

Stk.	Mfr.	Price
390296	SP-3B	\$12.00



MAKE: Electronics Book

Maker Shed This impressively clear, well-written, and lavishly illustrated book carefully steps you through 36 experiments. Learn about electronics by trying first, breaking things and learning from your mistakes and experiments of discovery. Learn how to set up a productive and organized workspace

w/ the tools and parts you need. Learn about key electronic components and their functions in a circuit. Create an intrusion alarm, holiday lights, wearable electronic jewelry, audio processors, a reflect tester, an electronic combination lock and an autonomous robot cart that can sense and avoid obstacles. Get clear, easy-to-understand explanations about what you're doing and why it works (*or why it fails*). 352 pages.

Stk.	Mfr.	Price
513220	9780596153748	\$32.80



MAKE: Electronics Components Pack I

Maker Shed Learn voltage, amperage and resistance with this companion Electronics Components Pack to the MAKE: Electronics Book (*sold separately*). Includes all components necessary to complete the experiments from the first two sections of the book. All parts are

spec'd directly from the book and author Charles Platt to ensure compatibility. Most of the parts included are reused throughout the book and can be re-purposed for use in future projects.

Includes 9V alkaline battery, 9V battery snap, 6 AA 1.5V batteries, 3 AA battery holders (*single, two, four*), AC adapter (*multi DC output: 3V to 12V @ 500mA*), 5 ea. alligator clips (*black, red*), 4 bipolar NPN 2N2222 transistor, 4 ea. ceramic capacitors (*.0047uF (4700pF), .047uF*), 2 ea. electrolytic capacitors (*2.2uF, 22uF, 1,000uF*), deluxe screw terminal breadboard w/70 pc., jumper wire kit, 2 DPDT 12VDC non-latching relay, 2 DPDT toggle switches (*replaces SPDT in book*), 1 ea. 22 ga. solid x 25' hookup wire (*black, red, yellow*), 5 ea. LEDs (*3mm green, 5mm green, 3mm red, 5mm red*), 8 ohm loudspeaker, linear potentiometers (*one 1m, two 2k*), 4 programmable uni-junction 2N6027 transistor, SPST off/on pushbutton, 10 ea. resistors (*1K, 2K, 4.7K, 10K, 15K, 27K, 33K, 51K, 100K, 330K, 470K, 100 ohm, 180 ohm, 220 ohm, 330 ohm, 470 ohm, 680 ohm*) & component case.

Stk.	Mfr.	Price
513203	MERS I	\$116.00



Compact Digital Multimeter Kit

Elenco Economical, pocket-size unit with 7 functions, 17 ranges. Features transistor test, diode check and audible continuity test.

DC Volts: 200mV, 2000mV, 20V, 200V, 600V
AC Volts: 200V, 600V

DC Current: 200µA, 2000µA, 20mA, 200mA, 10A

Resistance: 200Ω, 2kΩ, 20kΩ 200kΩ 2000kΩ

Includes test leads, 9V battery & manual.

Stk.	Mfr.	Price
390350	M-1008K	\$29.30



Analog Multimeter Kit

Elenco

- 20,000 ohms/volt
- 23 ranges
- 3-1/2" meter
- Mirrored scale

- Checks transistors/diodes
- 10A DC reading
- Audible continuity
- dBA scale
- Battery test

Includes test leads, batteries & manual.

Stk.	Mfr.	Item	Price
390458	M-1250	Assembled Kit	\$33.50
390459	M-1250K	Ready-to-Solder Kit	\$35.60

CAN'T FIND IT?
We have access to 1,000's of Products not listed here.
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Soldering Stations

Elenco Station is electronically controlled from 5 to 40 watts.

- Iron holder funnel
- Sponge pad for cleaning tip
- Cushion grip handle

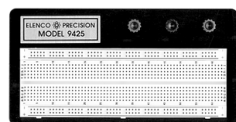
- Power on/off with indicator light
- Heavy-duty iron w/plated conical tip

Stk.	Mfr.	Item	Price
390377	SL-5K-40	Ready-to-Assemble Kit	\$47.30
390378	SL-5-40	Assembled Kit	\$47.30

Replacement Tips

Stk.	Mfr.	Item	Price
390382	SR-2BT	Wedge Tip	\$5.75
390383	SR-2BT2	Conical Tip	\$5.75

ELECTRONIC PARTS & SUPPLIES



Breadboards

Elenco

Breadboard 9425 830 test points, 126 separate 5-point terminals and 8 horizontal bus lines of 25 common test points each. Capacity up to eleven 14-pin or thirty 16-pin dip ICs. 3 coded black, red and green binding posts. Base of heavy black anodized aluminum.

Stk.	Mfr.	Size	Price
390317	9425	3-3/4"L x 7-1/4"W	\$17.90

Breadboard 9830 Contains 830 tie points with four independent common bus lines for easy connections to common lines. Numbers and letters are printed in black, bus lines in red and blue. Snap lock permits unlimited interlocking of additional boards. Base of heavy black anodized aluminum.

Stk.	Mfr.	Size	Price
390329	9830	2-1/8"L x 6-1/2"W	\$10.40



Grounding Wrist Strap

Elenco Velcro adjustable wrist strap allows full freedom of movement while protecting components from static damage. Ideal for assembly, laboratory and field service work. Alligator clip included.

Stk.	Mfr.	Price
390298	WVS-1	\$5.75



Alligator Lead Set

Elenco Jumper clip lead set in 5 colors including red, black, yellow, white and green. 14"L, 10/set.

Stk.	Mfr.	Price
390301	TL-6	\$8.63



Banana to Alligator Set

Elenco Stackable banana to alligator clip. 36"L.

Stk.	Mfr.	Price
390299	TL-5	\$5.75



Banana to Minigrabber Set

Elenco Stackable banana to minigrabber. Black and red leads. 36"L.

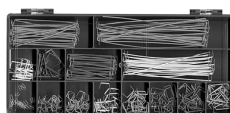
Stk.	Mfr.	Price
390305	TL-12	\$8.05



Minigrabber to Minigrabber Set

Elenco IC clip test lead set. Red & black test leads w/ IC clip (*mini-grabber*) on each end. 20 ga. wire. 36"L.

Stk.	Mfr.	Price
390302	TL-9	\$9.09



Jumper Wire Kits

Elenco Kits contain 14 different lengths of pre-stripped, pre-formed #22 solid wire in various colors. Storage case included.

Stk.	Mfr.	Qty.	Price
390312	JW-140	70 Lengths	\$9.78
390313	JW-350	350 Lengths	\$16.70



Magnet Wire

Kelvin Copper enamel wire. 1 lb.

Stk.	Mfr.	Gauge	Length	Price
492164	330128	22	514'	\$25.30



Hook-Up Wire Spools

Elenco Insulation rated to 300V.

Solid For general wiring that is not subject to repeated flexing & for solderless breadboards. Maximum recommended current 7A.

Stk.	Mfr.	Gauge	Color	Length	Price
390275	884410	22	Black	25'	\$3.60
390276	884420	22	Red	25'	\$3.60
390277	884440	22	Yellow	25'	\$3.60
390278	884450	22	Green	25'	\$3.60
390279	884490	22	White	25'	\$3.60

Stranded For general wiring that may be subject to repeated vibration or flexing. Maximum recommended current 3.5A.

Stk.	Mfr.	Gauge	Color	Length	Price
390280	885210	24	Black	25'	\$3.36
390281	885220	24	Red	25'	\$3.36
390282	885240	24	Yellow	25'	\$3.36
390283	885250	24	Green	25'	\$3.36
390284	885290	24	White	25'	\$3.36

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Basic Electronics Parts Kit

Elenco Includes plastic case with:

- LEDs standard T 1-3/4 size (5 ea. red, green, yellow)
- mylar capacitors 100V radial dIP - (2 ea. .001μF, .0047μF, .01μF, .047μF, .1μF, .33μF)
- resistors 1/4W (5 ea. 10Ω, 100Ω, 470Ω, 1kΩ, 2.2kΩ, 4.7kΩ, 8.2kΩ, 10kΩ, 18kΩ, 27kΩ, 47kΩ, 82kΩ, 100kΩ, 220kΩ, 330kΩ, 470kΩ, 1MΩ)
- displays (2 ea. 7-segment common cathode, 7-segment common anode)
- electrolytic capacitors 50V radial (2 ea. 1μF, 4.7μF, 10μF, 47μF, 100μF, 470μF, 1000μF)
- integrated circuits (2 ea. 7805, 7812 regulators, LM386 audio amp, 555 timer, 741 op-amp, 74LS00, 74LS02, 74LS08, 74LS10, 74LS47, 74LS74, 74LS86, CD4013, CD4017)
- transistors (2 ea. PN2222, PN2907, 2N3055, 2N3904, 2N3906, 2N5457)
- ceramic disc capacitors 500V (2 ea. 2.2pF, 4.7pF, 10pF, 1pF, 22pF, 47pF, 100pF, 220pF, 470pF, 680pF)
- diodes (2 ea. 1N4148, 1N4001, 1N34, 1N4728, 1N4733, 1N4739, 1N4743, 1N4747)
- inductors (1 ea. 4.7μH, 10μH, 47μH, 100μH, 470μH, 1μH, 10μH, 33μH)
- trim pots single tum (1 ea. 500Ω, 1kΩ, 5kΩ, 50kΩ, 100kΩ, 500kΩ, 1MΩ)
- switches (2 ea. push-button, SPDT slide, DPDT slide, 8-position DIP)
- plus (25' 22 AWG hook-up wire, red & black alligator lead sets, 5V DIP relay, photo cell, microphone, speaker, buzzer, 9V battery snap, 1.5A 100V bridge, 4A 200V SCR)

Stk.	Mfr.	Price
390493	CK-1000	\$90.00



365-Piece Resistor Kit

Elenco

Includes 5 ea. of 73 standard values from 1Ω to 1MΩ (1/2W) & slide-out carton.

Stk.	Mfr.	Price
390497	RK-365	\$18.00



Capacitor, Diode & LED Kits

Elenco

100-Piece Capacitors Ceramic disc, mylar & electrolytic-type capacitors. **Includes** 30 Ceramic from 10pF to 470pF, 35 Mylar from .001μF to .22μF, 35 Electrolytic from 1μF to 1000μF.

Stk.	Mfr.	Price
390501	CAPK100	\$18.00

465-Piece Capacitors 365 resistors & 100 capacitors. **Includes** 1/2w Resistor Kit containing 5 each of 73 standard 5% carbon film resistors, 30 Ceramic from 10pF to 470pF, 35 Mylar from .001μF to .22μF, 35 Electrolytic from 1μF to 1000μF.

Stk.	Mfr.	Price
390502	RCK465	\$32.40

80-Piece Diode Assortment of silicon, zener, germanium, bridge & switching diodes. **Includes** 20 types.

Stk.	Mfr.	Price
390503	DIOK80	\$18.00

80-Piece LED 18 varieties. **Includes** small, standard, large, rectangular, bi-color, blinking & ultra bright, red, amber, green, blue, yellow & white.

Stk.	Mfr.	Price
390504	LEDK80	\$18.00



DC Electric Motors

Velleman Use motor to power robotics, models, science projects & solar power demonstrations.

Stk.	Mfr.	Operating Range	Speed (rpm)	Size	Price
949180	MOT1N	1.5-3V	14,200	1-1/2" x 15/16"	\$1.62
949181	MOT2N	2.5-6V	14,500	1-3/4" x 15/16"	\$3.24



Battery Holders

Velleman

Stk.	Mfr.	Type	Qty.	Price
949020	BH9V	9V holder w/leads	1	\$0.84
949022	BH11ID	D holder w/solder tags	1	\$0.84
949024	BH21ID	C holder w/solder tags	1	\$0.98
949026	BH31ID	AA holder w/solder tags	1	\$0.50
949028	BH41ID	AAA holder w/solder tags	1	\$0.70
949030	BS-TR	T-style snap	1	\$0.76
949032	BS-IR	I-style snap	1	\$0.76



Precision Tweezers

General Fine quality tweezers with a strong point bevel.

Stk.	Mfr.	Length	Price
418762	401AA	5"	\$9.22



Industrial Tweezers

General Quality tweezers for toolmakers, mechanics, electronic assemblers, repairmen & hobbyists.

Stk.	Mfr.	Item	Length	Price
418764	408	Bent Nose	4-1/2"	\$7.22
418766	410	Narrow Sharp Point Nose	4-1/4"	\$5.94



Lighted Tweezers Set

General Built-in LED illuminates work area. Made from heat-treated steel w/corrosion-resistant black finish. Non-slip cushion grip.

Includes serrated bent tip, serrated blunt tip & smooth pointed tip tweezers.

Stk.	Mfr.	Item	Price
418880	70400	3-Piece Set	\$30.00



Tweezers Set

General Assorted nickel-plated steel tweezers set in a clear vinyl pouch.

Stk.	Mfr.	Item	Price
418770	C421	6-Piece Set	\$41.40



Seizer w/Serrated Jaws

Xcelite Clamps firmly onto wires for soldering. Acts as a heat sink & retrieves small parts from hard-to-reach places. Precision-machined, tempered stainless steel. Box-joint construction w/3-position snap lock.

Stk.	Mfr.	Item	Length	Price
308826	42HV	Straight Nose	5-1/2"	\$13.90
308827	43HV	Curved Nose	5-1/2"	\$14.10



5-piece Precision Screwdriver Set

Craftsman Color-coded swivel heads for easy identification.

Includes slotted (3/32" x 1-1/2", 1/8" x 2-1/2"), Phillips (#00 x 1-1/2", #0 x 2-1/2") & Torx (T10 x 2-1/2").

Stk.	Mfr.	Price
305767	41632	\$23.60



UltraTech™ Precision Screwdriver Set

General UltraTech™ Precision Screwdrivers in 3 Versa-Grip comfort handle sizes (1" to 2-1/2"). Color-coded rings allow quick blade ID.

Includes 3 slotted (1/16", 3/32", 1/8"), 3 Phillips (#'s 00, 0, 1) & Torx (T6).

Stk.	Mfr.	Item	Price
419150	67123	7-Piece Set	\$24.40



Precision Screwdriver Set

General Precision screwdriver set with 17 interchangeable extended-shaft, heat treated blades for electronic, computer and jewelry repair. Black oxide blade coating prevents rust and corrosion. Locking screw chuck secures blades and allows quick changes. Versa-Grip comfort handle provides precision feel.

Includes 4 slotted (3/64", 1/16", 5/64", 3/32"), 2 Phillips (#'s 000, 00), 4 Torx (T#'s 6, 7, 8, 9), 3 hex (.50, 1/16", 5/64"), 3 nut drivers (3/32", 1/8", 5/32"), awl/scribe & handle, plus vinyl zip case.

Stk.	Mfr.	Item	Price
419151	63518	18-Piece Set	\$26.60

BATTERIES, CHARGERS & TESTERS

Batteries



Stk.	Mfr.	Type	Qty.	Brand	Price
687722	6V	6V carbon zinc	1	Duracell	\$6.92
687755	6V	6V alkaline	1	Energizer	\$24.40
687715	9V	9V alkaline	1	Duracell	\$7.56
687731	C	C alkaline	4	Duracell	\$13.70
687745	D	D alkaline	4	Duracell	\$13.70
687720	AA	AA alkaline	4	Duracell	\$7.09
687734	AAA	AAA alkaline	4	Duracell	\$7.09
943197	L91BP-2	AA Li-ion	2	Energizer	\$8.15
943198	L92BP-2	AAA Li-ion	2	Energizer	\$8.15

Rechargeable Ni-Mh Batteries

Energizer

Stk.	Mfr.	Type	Qty.	Price
942713	NH22NBP	9V	1	\$15.50
942709	NH35BP-2	C	2	\$15.50
942711	NH50BP-2	D	2	\$15.50
942719	NH12BP-2	AAA	2	\$11.50
942717	NH15BP-2	AA	2	\$11.50
942715	NH15BP-4	AA	4	\$19.10



Universal Battery Charger

Energizer Charges up to 8 AA, 8 AAA, 4C, 4D or 1 9V NiMH rechargeable batteries.

Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off

to prevent over charge, short circuit and reverse polarity protection & bad battery detection. Energy Star rated.

Includes AC adapter.

Stk.	Mfr.	Price
943265	CHFC	\$44.50



Battery Tester

Gardner Bender Analog meter with a 9-position rotary selector switch. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo & lantern cells, 6V lantern cell, 12V & 5V photo cells.

Includes test leads & instructions.

Stk.	Mfr.	Price
416600	GBT-500A	\$12.50



Analog Battery Tester

Gardner Bender Analog meter with low/good indicator. Moveable contact arm fits various battery sizes. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, 9V & 1.5V button cells.

Includes instructions.

Stk.	Mfr.	Price
416602	GBT-3502	\$10.10

POWER SUPPLIES



Variable Voltage Power Supply Kit

Elenco Portable power supply for students, technicians and hobbyists. Ideal for breadboarding and prototyping. Short protected IC thermo. Assembly required.

Input voltage 120VAC.

Output voltage 0VDC - 15VDC.

Output current 0.3A @ 12V, 0.2A @ 15V.

Stk.	Mfr.	Price
390345	XP-15K	\$29.90

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Battery Eliminator

Elenco Substitutes for AA, AAA, C, D and 9V batteries. Rotary switch selects voltage. Advanced, solid-state electronics provide LINE and LOAD regulation of volt output. Voltage selector switch won't allow output volts to

increase while adjusting between volt ranges. Fuse in series with output of power supply provides short-circuit protection.

Input 120VAC. Output current 1 amp max. Accuracy +5%. Output voltage 1.5, 2.2, 3, 4.5, 5, 6, 7.2, 9, 10, 13.8, 15VDC.

Stk.	Mfr.	Price
390479	XP-100	\$71.40



Voltage Supply

Elenco Current limiting adjustment is easy: simply short output and adjust limit control to read desired maximum current. Use in labs, service shops, schools, home and industry. 4 supplies in 1 unit.

- Output voltage is continuously variable & precisely held to your setting
- Maximum output current is externally adjustable
- Special circuit protects equipment, user & itself

Output: voltage 0-20, 5, -5, 12; current 2.5A, 3A, .5A, 1A.

Input voltage 120 VAC. Load & line regulation 1 volts (each).

Ripple max. RMS 005V. Output impedance 025 ohms.

Current & short protection (each) 1 to 1A lim. Meter 30V, 3A.

Stk.	Mfr.	Price
390315	XP-581A	\$156.00

TECHNICIAN TOOL KITS



Computer Service Tool Kit

Elenco Tools in a black vinyl zippered case.

Includes deluxe 25W soldering iron, solder-ease kit & solder tube, soldering iron wire stand, desoldering pump, 4-1/2" diagonal cutters, IC puller, IC inserter (14-16 pin), 5" needle nose pliers, spare parts tube, 3-prong parts

retriever, premium wire stripper, 4 screwdrivers (3/16" & 1/8" slotted, #'s 0 & 1 Phillips, tweezers) & 11-pc. screwdriver bit set (3 nut drivers, 2 slotted, 2 Phillips, 3 star bits).

Stk.	Mfr.	Qty.	Price
390335	TK-1200	29-Piece Set	\$78.00



Deluxe Technician Tool Kit

Elenco Tools in a black vinyl zippered case with handles.

Includes 25W soldering iron w/3-wire grounded plug & wire stand, stainless steel, vinyl-grip puller, digital multimeter, desoldering vacuum pump, 4-pc. solder ease kit, 5" cushion-grip, springed needle nose pliers, desoldering wick, 6-pc. precision screwdriver set, 4-1/2" cushion-grip, springed diagonal cutters, solder tube, premium cushion-grip wire stripper/cutter/crimper/pliers, parts box & 11-pc. screwdriver bit set (3 nut drivers, 2 Phillips, 2 slotted & 3 star bits).

Stk.	Mfr.	Qty.	Price
390332	TK-1500	32-Piece Set	\$82.90



Electronic Tool Kit

Elenco Professional technician service tool kit in a metal reinforced tool case with heavy-duty handle and locks. Removable, double-sided pallet handles most of the tools listed with additional tool storage in the lower half. Ramp in tool case secures meter.

Includes deluxe 25W soldering iron, soldering iron holder, 4-pc. solder ease kit, desoldering wick, desoldering pump, solder tube 63/37 rosin core, premium wire stripper, 6-pc. precision screwdriver set, 3 screwdrivers (3/16" slotted, #1 Phillips, pocket), IC puller, mini diagonal cutters, safety goggles, 11-pc. screwdriver bit set (handle, 3 nut drivers, 2 slotted, 2 Phillips & 3 star bits) & mini long nose pliers.

Shown with meter & calculator, sold separately.

Stk.	Mfr.	Qty.	Price
390333	TK-3000	34-Piece Set	\$137.00

ROBOTICS



Robotic Arm Edge Kit

OWI Students will command the gripper to open and close with 120° wrist motion, 300° elbow range, 270° base rotation, 180° base motion, 15" vertical reach, 12.6" horizontal reach and 100 g lifting capacity.

Added features include a search light on the gripper and a safety gear audible indicator on all 5 gear boxes to prevent any potential injury or gear breakage during operation. Total command and visual manipulation using the 5's (5 switch-wired controller, 5 motors & 5 joints).

Includes pre-assembled PC board, hardware & mechanical-drive systems.

Requires 4 D batteries, sold separately, plus basic hand tools for assembly.

Stk.	Mfr.	Item	Price
390287	OWI-535		\$70.30
390274	OWI-535-USB	PC Interface Kit	\$50.40



TeachMover II Microbot

Questech Challenge students to expand their robotic workcell knowledge using the TeachMover II. Features an updated PC board that has additional memory and an auxiliary motor that outputs programs from the Teach Pendant allowing students to synchronize the

movements of other material handling accessories.

- Internal power supply w/8 axis (vs. 6 axis on original TeachMover)
- Added height of base increases robot work envelope (+3.5")
- Rotary table can be programmed w/Teach Pendant
- Configuration 5 revolute axis & integral hand
- Teach control 4-mode, 17-function keyboard
- Control method Point to Point (PTP)
- Programming capacity 300 steps
- Gripper opening 3"

Includes teach control, power supply, interface cable, 10-day curriculum, rotary table & case.

Stk.	Mfr.	Price
684064	00200	\$5,920.00



Mini Mimsy Robot Lab

Picoturbine Students may assemble in a single class period and use either pre-programmed experiments or write their own programs using the free Arduino IDE. Programming and wireless control can be accomplished using Mac, PC, iPad, or Android devices.

- Arduino Nano microcontroller w/I/O shield
- Continuous rotation servo drive train w/selectable gear ratio
- LCD screen shows running program information
- Extendable using 3D printed parts & sample 3D parts files

Includes 4 sensors (*bump, IR rangefinder, line following light & pushbutton for start/pause*), 10 experiments & sample programs.

Stk.	Mfr.	Price
681525	PRB10	\$207.00

Bioid Robot Kits

The Bioid platform consists of components and small, modular servo motors called the AX-12A Dynamixels, which can be used in a daisy-chained fashion to construct robots of various configurations, such as wheeled, legged, or humanoid robots.

The robot is programmed with RoboPlus - a C language based software solution. The platform is currently in use by the U.S. Naval Academy in their Mechanical Engineering courses, and is also popular in the RoboCup international robotics competitions.

Bioid STEM Standard



Robots Lab Kit is optimized for various robot projects. The kit comes with instructions of 7 example robots and 21 weeks of educational training. It provides an organized learning system by blending Science, Technology, Engineering and Mathematics.

Includes CM-530, 2 AX-12W DYNAMIXEL robot actuator, IR sensor array, 3 single IR sensor, 6 battery box, parallel power board, OLLO compatible plates & rivets, BIOLOID compatible frames, bolts/nuts, 6 3P BIOLOID compatible cables, screwdriver, OLLO tool, 3 5P sensor cable, battery cable, mini USB cable, 2 STEM curriculum guides & RoboPlus CD.

Stk.	Mfr.	Price
769103	BIOLOID STEM	\$349.00

Bioid Premium Kit



Robots Lab Kit is a do-it-yourself educational robot kit using modular DC servo blocks. By using the components included into the kit, you can build various types of robot such as a scorpion, a spider, a dinosaur or a puppy.

- Excellent humanoid walking performance (*Adjusting posture while walking*)
- Various sensors including Gyro, DMS, IR & more external ports
- Remote control capability (*IR-default, Zigbee-optional*)
- C-style programming & motion teaching with RoboPlus S/W (*USB Interface included*)
- Transparent humanoid skin for customization
- Digital Packet communication with daisy chain topology
- Building various robots using versatile expansion mechanism

Includes CM-530 (*main controller-ARM cortex (32bit)*), 18 AX-12A servo motors (*Robot Actuator, Dynamixel*), gyro sensor (*2 Axis*), DMS, 2 IR sensor, RC-100A (*remote controller*), head & chest skin, SMPS for external power (*1.2V, 5A*), rechargeable battery (*11.1V, 1000mA/PCM*), lipo balance battery charger, screwdriver, cable holder, plastic frame set, quick start book & RoboPlus software CD.

Stk.	Mfr.	Price
769104	BIOLOID PREMIUM	\$1,230.00



Robots Lab Box

Robots Lab A revolutionary teaching-aid demonstrating Algebra I & II, Physics, Geometry, Trigonometry and Pre-Calculus' core concepts using robots. The easy-to-use tablet includes 50 hrs. of interactive lessons, in-class quizzes and instructional videos, helping students understand why math is relevant to their world.

Without any prior experience in robotics or computer science, teachers can demonstrate abstract concepts like slope, sine, cosine and vectors right out of the BOX. The lesson plans are strictly aligned with mandated Common Core, TEKS and STAAR standards for middle and high school. Designed by teachers for teachers this affordable solution improves student's understanding and information retention; robots are the best engagement tool math and science classes have ever seen. 1-yr. mfr.'s warranty.

Includes tablet computer w/lessons, quizzes & 50 apps, ArmBot (*robotic arm*), AR.Drone (*quadcopter*), Sphero (*robotic ball*), Mobot (*mobile robot*) & 12 accessories.

Standard Edition

Stk.	Mfr.	Price
769100	ROBOTSLAB-ST	\$3,528.00

Deluxe Edition Includes the above, plus 30 extra lessons (*subscription for 1-yr.*) & 1-yr. mfr.'s extended warranty.

Stk.	Mfr.	Price
769101	ROBOTSLAB-DE	\$3,999.00

Tumbling Robot



Elenco This little robot is tough! Run by a single motor, he walks with a decidedly "angry" pace - and if he falls over, he picks himself up again! An awesome design with an amazing gear mechanism, he will not quit! Easily built in under 1-hr. 3 modes: fall/get up, dance and somersault. For ages 12+.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Price
390267	EDU-62019	\$32.20

Robotics Kit



Elenco Join forces with the world of robotics and assemble 3 fantastic robots (1 at a time). One robot detects objects using infrared rays, the wake-up robot is sensitive to light and the third robot is operated by any TV remote control.

A separate circuit and body are supplied for each robot just fix the selected circuit onto the robot base and add the corresponding transparent body. No soldering required.

Includes 1 pre-assembled PC board & 3 robot bodies.

Stk.	Mfr.	Price
390266	EDU-7090	\$42.80



“ Having trouble finding what you're looking for? ”

Cindy Jungers ext. 3107
cjungers@midwesttechnology.com



Sound Reversing Car Kit

Elenco Learn electronics and mechanism by building this Sound Reversing Car. It is a simple voice control robot car by using a microphone as its detector. The car will move forward when you switch on the unit. When the microphone detects noise it will turn to the left for a

few seconds then keep forward moving again until the next signal received by the microphone. For ages 14+.

Requires 2 AA batteries, sold separately. Soldering Required.

Stk.	Mfr.	Price
390307	21881	\$20.90



Scarab Robot Kit

Elenco A robot that uses 2 touch sensors to detect obstacles. When its antennas (*touch sensor*) detect an obstacle; robot will first step back and then automatically execute a two-step maneuver to avoid the obstacle. Robot can also be configured with different sets of movements. Ages 13+.

Includes 2 sets of legs.

Requires 4 AA batteries, sold separately. Soldering required.

Stk.	Mfr.	Price
390306	21884	\$42.80



Jungle Robot Kit

OWI Robot transverses hand-over-hand like an orangutan or walks on the ground like a gorilla. If it's asleep, say "Wake up!" and Jungle Robot will start climbing or walking for a pre-set time, then reset itself waiting for another command. 2 move legs on each side by crankshaft. Sound sensor control with

condenser microphone/transistor light sensor/photo transistor.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Price
390392	OWI-9870	\$49.80



Binary Player Robot

OWI Illustrates basic principles of binary coding. Robot controlled by infrared sensor reading black and white patterns programed onto a disc. Patterns activate wheels to turn left, right, forward, or pause.

Requires 4 AA batteries, sold separately.

Stk.	Mfr.	Price
390273	OWI-9875	\$54.70



Moon Walker II Robot

OWI A whimsical indication of future trends, Moon Walker II combines the technology of 2 sensors - light and sound. Build-it-yourself electronic robot begins to walk when it detects a change in light intensity or sound commands, continues its four-legged voyage until told to stop by an internal timer. 2 move legs on each side

by crankshaft. Sound sensor control with condenser microphone/transistor light sensor/photo transistor.

Requires 1 AA battery, sold separately.

Stk.	Mfr.	Price
390480	MV-979	\$62.90



3-in-1 All Terrain Robot

OWI Utilize different track modules and make your robot transform into 3 amazing variations: the forklift, rover, and gripper. Using the wired controller, command the robot to move forward, backward, turn, grip and lift. For ages 10+.

Requires 4 AA Batteries, sold separately.

Stk.	Mfr.	Price
390292	OWI-536	\$62.60



Hyper Peppy Robot

OWI Explore the fundamentals of robotics with this informative and entertaining robot kit. Intelligent robot with a touch/sound sensor. If robot comes in contact with an object or hears a loud noise (*such as hands clapping*), it automatically reverses, then turns left before

embarking on a new course. Sound sensor control with condenser microphone. Requires only basic hand tools. For ages 10+.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Price
390467	OWI-969	\$54.60



Soccer Jr. Robot

OWI Interactive robot has 6 operational legs, plus retrieving and kicking mechanism. Wired controller activates movement and ball control. Runs forward, backward, turns left or right and executes 360° turns. This one even helps develop eye/hand coordination skills. For ages 10+.

Includes controller & ball.

Requires 4 AA batteries, sold separately.

Stk.	Mfr.	Price
390337	OWI-9820	\$67.30



Library Tech Space

Midwest No library is complete without this creative workspace! A place where kids can put their ideas to work with access to information and tools at their fingertips. Future engineers

and hobbyists will flock to a well-equipped workspace to share ideas with the community. Expand your learning center with this library tech package.

The package includes all aspects of a tech lab. From robots to electrical tools, each item fosters innovation and sparks creative problem solving. Students and teachers will delve into the creative process while learning about engineering procedures, computer programming and building techniques.

Start your students on a path to success while teaching them the importance of Science, Technology, Engineering and Math!

Includes Elenco Robotics Kit, Elenco 300-In-1 Electronic Project Lab, Makey Makey Standard Kit, Raspberry Pi B Starter Kit, littleBits Base Kit, Getting Started w/Arduino Kit, Bioloid Stem Standard Robot Kit & Electronic Tool Kit.

Stk.	Mfr.	Price
58220	MW-LTSP	\$995.00

PLASTICS

Strip Heaters



Quincy Black heat, low watt density, incoloy sheathed elements for heat source. Covers of heavy gauge steel, painted tan, hammer-baked on silicone enamel.

Stk.	Mfr.	Volts	Working Area	Price
686525	13-160	115	21"L x 7"W	\$161.00
686540	23-160	115	33"L x 7"W	\$223.00

Replacement Element

Stk.	Mfr.	Volts	Working Area	Price
686527	1212-13		21"L x 7"W	\$64.10
686542	1212-23		33"L x 7"W	\$77.20

Acrylic Sheets

Olson Mfg. Durable, translucent acrylic sheets may be cut, sawed, drilled, routed or cemented. Lightweight, high-impact performance and durability. Excellent weatherability, high optical quality, heat resistant, easily thermoformed, resists chipping and melting, excellent color consistency and uniformity.

Stk.	Mfr.	Size	Color	Price
614950	F2-1/8	1/8" x 12" x 24"	Clear	\$14.10
614952	2447	1/8" x 12" x 24"	White	\$16.50
614948	2119	1/8" x 12" x 24"	Orange	\$16.50
614951	2283	1/8" x 12" x 24"	Red	\$16.50
614954	2050	1/8" x 12" x 24"	Blue	\$16.50
614955	F2-1/4	1/4" x 12" x 24"	Clear	\$27.90
614956	2447	1/4" x 12" x 24"	White	\$27.90
614949	2119	1/4" x 12" x 24"	Orange	\$27.90
614958	2283	1/4" x 12" x 24"	Red	\$27.90
614959	2050	1/4" x 12" x 24"	Blue	\$27.90
614960	F2436-1/8	1/8" x 24" x 36"	Clear	\$45.80
614961	F2436-1/4	1/4" x 24" x 36"	Clear	\$62.60

Acrylic Cutter



Fletcher-Terry Double-edged cutter with 2 tips for normal or extra-pressure scoring of acrylics. Plastic handle.

Stk.	Mfr.	Length	Price
943250	05-111C	9-1/2"	\$6.58

Laminate J Roller



Marshalltown For use by plastic laminate installers. Recessed end permits rolling near backsplashes, walls.

Stk.	Mfr.	Size	Price
528347	JR008	1-1/2" dia. x 3"W	\$15.80

LCD Heat Gun



DEWALT LCD allows temperature adjustments within 50° increments. Features overload protection to shut down heating element (preventing burn up), ergonomic comfort grip, kickstand and hang ring. 3-yr. mfr.'s warranty.

120V, 13 Amps. Weight 2.3 lbs.

Includes 10' cord w/protector, cone & fishtail surface nozzles.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
242852	D26960	1,550	17.7 CFM	150° - 1,100°F	\$146.00



1500W Heat Gun

PORTER-CABLE Variable temperature dial allows for easy adjustment of temperatures. Integrated support stand allows the gun to sit upright for hands free use. Hanging hook is ideal for storage. 6' high grade cord improves flexibility during cold use.

Weight 2 lbs.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
626673	PCI500HG	1,500	19 CFM	120° - 1,150°F	\$45.50



Laboratory Bench Ovens

Quincy Oven features double-wall construction, scratch-proof rubber feet, incoloy sheathed elements with automatic thermo control, pilot light heat indicator and mercury thermometer.

- Alumined interior to inhibit corrosion due to moisture
- Euro-style controls & control panel
- Full-length piano type hinge
- 1" mineral wool insulation
- Positive door latch

115V, 1 phase. Temp. Range 428°.

Includes 6' cord w/plug & 2 adjustable shelves.

Model 10GC Interior oven 12"W x 10"D x 10"H.

Stk.	Mfr.	Item	Watts	Price
686520	10GC		600	\$476.00
686522	101-1000	Shelf		\$32.40
686523	101-1001	Supports, 2/pkg.		\$12.00

Model 30GC Interior oven 18"W x 12"D x 16"H.

Stk.	Mfr.	Item	Watts	Price
686550	30GC		1,200	\$689.00
686552	101-3000	Shelf		\$43.20
686553	101-3001	Supports, 2/pkg.		\$12.00

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Al Ryan ext. 3130
aryan@midwesttechnology.com





Bench Ovens

Quincy Use for drying and baking finishes or for preheating, curing, dehydrating and many other processes.

- Fan-forced air circulation provides even work area temperature

- Incoloy-sheathed heating elements
- Fiberglass insulation for ultimate cleanliness & insulating quality
- Steel-lined interior is welded into 1 durable piece for long life
- Fully-gasketed doors maintain even temps throughout cabinet
- Adjustable damper control allows fresh air to enter back of cabinet to help control temperature when thermostat is not purchased
- Shelves are adjustable on 1-1/2" centers for a total of 11 possible shelf positions (*unit is supplied w/2 shelves*)
- Piano-type door hinges allow proper alignment & fit
- Calibrated dial type high-low heat switch for economical operation
- Silicone baked enamel finish is applied after completely cleaning metal w/ iron phosphate cleaner for firm paint bond

Includes 6' cord with plug.

Model 21-250 Interior 25.5" x 19.75" x 24". Exterior 33" x 24" x 35.5". Cubic capacity 7'.

Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
686532	21-250	115	1	1,000	300°F	\$1,687.00

Model 21-350 Interior 25.5" x 19.75" x 24". Exterior 33" x 24" x 35.5". Cubic capacity 7'.

Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
686534	21-350	115	1	2,000	450°F	\$1,750.00

Model 51-550 Interior 25.5" x 19.75" x 22.5". Exterior 33" x 24" x 35.5". Cubic capacity 6.60'.

Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
686570	51-550	230	1	3,000	550°F	\$2,049.00



Rotational Ovens

Quincy Dual rotational unit features a steel gear drive mechanism. Oven is heavy 22 ga. galvanized metal inside and out. Cal rod heating element. 2" board-type insulation. Remove oven's rotational unit in seconds to use the oven for other applications.

Temp. range 100-550°F.

Includes 2 universal, quick-disconnect mold holders.

Stk.	Mfr.	Watts	Exterior Dimensions	Price
478247	RO110	1,000	18"W x 15"H x 15"D	\$2,494.00
478248	RO210	2,000	20"W x 22"H x 22"D	\$2,707.00

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



Manual Injection Molder

Crystal Alloy Simple-to-use, electronic heat control unit for demonstrating the process of hands-on injection molding. Industrial-quality components mounted on a sturdy, corrosion-resistant aluminum frame.

- Over-center mold clamp
- Teflon-coated ram & heater block
- GFI safety switch
- Uses pellets of styrene, polyethylene or polypropylene

Includes purge block, filler tool, wooden crate & manual.

Stk.	Mfr.	Volts	Capacity	Max. Temp.	Clamping Pressure	Price
478240	66M	110	2/3 oz.	550°F	2,500 lbs.	\$1,967.00

Injection Molds lasco For use with Manual Injection Molder Mfr. 66M.

Stk.	Mfr.	Item	Price
478251	IAPCO NO.1	Screwdriver Handle	\$128.00
478252	IAPCO NO.2	Checker Game Piece	\$128.00
478253	IAPCO NO.9	Golf Tee	\$128.00
478254	IAPCO NO.16	CO2 Racer Front Wheel	\$128.00
478255	IAPCO NO.17	CO2 Racer Rear Wheel	\$128.00



Therm-O-Vac Vacuum Former

Nichols Indispensable for fast, efficient 3D modeling, prototyping, packaging, fabricating and mold making. A safe and fascinating hands-on portable vacuum former for styrene plastic sheets over a variety of vacuum forming molds. User-friendly, open design allows

custom molds to be exposed to reduced temperatures, greatly expanding materials to be used as molds or forms.

To operate, simply mount a sheet of high impact polystyrene plastic in the pivoting latch-lock frame, lay pattern on the vacuum platen and cycle machine. Unobstructed vacuum surface allows rearranging and straightening of layout up to the final seconds before forming.

Free-standing, self-contained unit compacts to suitcase size for storage. Set-up time is less than 90 seconds. A 3-way switch operates both plastic heating and vacuum forming sides of the unit.

110V. Tool weight 32 lbs.

Includes 12 asst. polystyrene sheets.

Molds required, but sold separately.

Stk.	Mfr.	Price
478241	10-B	\$1,671.00

Therm-O-Vacuum Former Molds Nichols

Stk.	Mfr.	Item	Size	Price
478242	FM11	Horse Head	7-1/4" x 7-1/4"	\$42.00
478243	FM13B	Ship (medium size)	6" x 7-1/2"	\$25.90
478244	FM14B	Duck (medium size)	6" x 7"	\$19.40
478245	FM39	Moose Head	7" x 8"	\$32.30
478246	FM53	Pointer Dog	6" x 10-1/2"	\$25.10

Vacuum Sheet Pack Nichols 65 high-quality virgin-grade, high-impact polystyrene sheets. Assorted colors & thickness from .020 to .060.

Stk.	Mfr.	Price
478250	VSP-20	\$94.90

WORK BENCHES



STEM Robotics Workstations

Hann This workbench with shelves is a great centerpiece for any robotics program. The perimeter of the top is 3/4" thick solid hard maple which extends 1-1/2" above the Fiberglass surface. The result is a sturdy work surface that keeps small parts from falling onto the

ground and provides a functional perimeter for robot trials.

The base provides storage while the top acts as both an assembly area and proving ground. Double-sided cabinet composed of solid hard maple and hard maple plywood. Features heavy-duty face frame construction. Top overhangs the base by roughly 9" on all sides.

Overall size 49"W x 61"D x 32"H.

Stk.	Mfr.	Item	Price
439405	SWSR-3131	Base Cabinet w/2 Doors	\$1,620.00
439406	SWSR-3232U	Base Cabinet w/2 Doors & 2 Drawers	\$1,896.00

Open Leg Work Benches



Hann Wall bench series features 4"H rear maple curb and angle iron front edge. Tops are 2-1/4"T laminated maple. Legs are 2-1/4" square maple with bolt reinforcements at all stringers. Lower shelf is 12"D with rear curb. Natural finish.

Includes lower shelf & assembly hardware.

Stk.	Mfr.	Overall Size	Price
439254	AB-632	72"W x 24"D x 32"H	\$1,173.00
439255	AB-832	96"W x 24"D x 32"H	\$1,320.00
439257	AB-637	72"W x 24"D x 37"H	\$1,207.00
439258	AB-837	96"W x 24"D x 37"H	\$1,352.00

Economy Work Benches



Midwest Features 2 Montisa Leaming channel braces, 2 bench legs with a 2-1/4"T Bally Block top. 14 ga. steel base is with flared legs for extra stability. Channel braces secure legs eliminating side sway. Foot is punched for easy floor attachment. Gray baked enamel finish.

1-2 Station Top 28"W x 64"D x 2-1/4"H. Base 23-1/2"W x 30"H.

Stk.	Mfr.	Vises	Price
549040	C2864A	None	\$649.00
549041	C2864B	1 Wilton (7")	\$799.00
549042	C2864C	2 Wilton (7")	\$989.00

4 Station Top 54"W x 64"D x 2-1/4"H. Base 35-1/2"W x 30"H.

Stk.	Mfr.	Vises	Price
549328	5464A	None	\$999.00
549462	5464E	4 Wilton (7")	\$1,689.00
549463	5464F	4 Wilton (10")	\$2,100.00

2-Station Work Benches



Shain 2-Station single-faced unit with solid maple construction and maple veneer. 2 locking doors have pulls and 5-knuckle heavy-duty hinges. 2 drawers (14"W x 18"D x 6"H) with dovetail construction, solid maple fronts and locks roll easily on epoxy-coated glides. 2-1/4"T maple top. Earth-friendly UV finish.

Top 64"W x 28"D x 2-1/4"H. Base 35"W x 23"D x 29"H.

Stk.	Mfr.	Vises	Price
155364	WW232-0V	None	\$1,360.00
562600	WW232-1V	1 Wilton (7")	\$1,395.00
562601	WW232-2V	2 Wilton (7")	\$1,595.00



2 or 4 Station Open-Style Work Benches

Shain Base is built with solid maple legs and frame. Maple plywood storage shelf. Steel corner braces. Earth-friendly UV finish. 2-1/4"T maple top. Light assembly.

2 Station Top 64"W x 28"D x 2-1/4"H. Base 47"W x 24"D x 31-1/4"H.

Stk.	Mfr.	Vises	Price
155358	WW2-0V	None	\$1,078.00
562610	WW2-1V	1 Wilton (7")	\$1,195.00
562611	WW2-2V	2 Wilton (7")	\$1,350.00

4 Station Top 64"W x 54"D x 2-1/4"H. Base 47"W x 37"D x 31-1/4"H. Ships in 5 business days! Quantity restrictions apply.

Stk.	Mfr.	Vises	Price
155365	WW4-0V	None	\$1,635.00
562630	WW4-4V	4 Wilton (7")	\$2,195.00

4-Station Work Benches



Hann Ideal for school shop, crafts room or art department. Base is hand built of heavy maple

framing and hardwood paneling. Bally Block maple top. Natural finish.

Top 64"W x 54"D x 2-1/4"T. Base 35"W x 22"D x 29-3/4"H (ea.).

12 Drawers 12 master-keyed locking dovetailed drawers with handles.

Stk.	Mfr.	Vises	Price
439320	LCB-30-0V	None	\$2,400.00
562640	LCB-30-4V	4 Wilton (7")	\$2,995.00

4 Doors 2 master-keyed locking double-door cabinets.

Stk.	Mfr.	Vises	Price
439321	LCB-31-0V	None	\$1,984.00
562641	LCB-31-4V	4 Wilton (7")	\$2,595.00

4-Station Work Bench w/12 Lockers



Shain 12 lockers in a base constructed of solid maple framing with maple veneer. Locking doors have pulls and 5-knuckle heavy-duty hinges. 2-1/4"T maple top. Earth-friendly UV finish.

Locker openings (12) 11"W x 21"D x 11-1/8"H.

Top 64"W x 54"D x 2-1/4"H. Base 36"W x 42"D x 29"H.

Stk.	Mfr.	Vises	Price
155360	WW12-0V	None	\$2,620.00
562605	WW12-4V	4 Wilton (7")	\$2,995.00

8-Station Work Bench

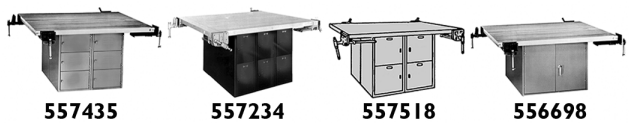


Hann This unit can serve as a training module or project center for up to eight students. Each wing provides workspace while the center allows space for parts and materials. 2-1/4" hard maple top includes a center octagonal section that measures 56" across and 4 wings which are all 32"W x 30"D.

Top overhangs the base cabinets by roughly 4" on all sides. Base cabinets all feature heavy-duty solid hard maple face frame construction. Base cabinet under each wing includes an adjustable shelf. Drawer cabinets in the center include 3 drawers. Upper drawers measure 16"W x 13"D x 4"H (I.D.) and the lower drawer measures 16"W x 13"D x 8"H (I.D.).

Overall height 32".

Stk.	Mfr.	Price
439495	WBS-31	\$6,453.00



4-Station Work Islands

Midwest Bally Block Tops used on all work benches listed, are carefully selected solid maple woods are electronically bonded (*laminated*) together by the famous Wood Welded® construction using controlled pressure and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner.

Montisa Learning Bases feature all-welded heavy gauge steel construction with spring-hinged doors. Lockers have a separate padlock hasp with knockout plug for a cylinder lock. Door units include adjustable shelf and master-keyed 2-point cylinder lock mounted in aluminum handle. (*Number plates sold separately.*) Gray baked enamel finish. Bases are shipped set up. Top 54"W x 64"D x 2-1/4"H. Base 36"W x 42"D x 31"H.

12 Flat Lockers

Stk.	Mfr.	Vises	Base Units	Price
557368	MW12SA	None	(2) Mfr. 4166	\$1,495.00
557435	MW12SC	4 Wilton (7")	(2) Mfr. 4166	\$2,195.00
557503	MW12SF	4 Wilton (10")	(2) Mfr. 4166	\$2,499.00

12 Lockers

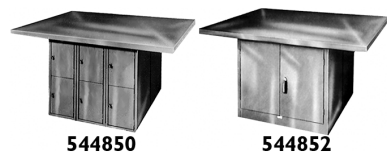
Stk.	Mfr.	Vises	Base Units	Price
557167	MW12A	None	(2) Mfr. 4160	\$1,575.00
557234	MW12C	4 Wilton (7")	(2) Mfr. 4160	\$2,249.00
557302	MW12F	4 Wilton (10")	(2) Mfr. 4160	\$2,559.00

8 Lockers

Stk.	Mfr.	Vises	Base Units	Price
557515	MW68A	None	(2) Mfr. 4168	\$1,595.00
557518	MW68E	4 Wilton (7")	(2) Mfr. 4168	\$2,225.00
557519	MW68F	4 Wilton (10")	(2) Mfr. 4168	\$2,599.00

2 Double Door Units

Stk.	Mfr.	Vises	Base Units	Price
556564	MW8A	None	(2) Mfr. 4140	\$1,399.00
556698	MW8E	4 Wilton (7")	(2) Mfr. 4140	\$1,995.00
556699	MW8F	4 Wilton (10")	(2) Mfr. 4140	\$2,399.00



Metalworking Benches

Montisa Learning Heavy-gauge steel top with 2" thick core of layered particleboard and plywood. Steel top corners are welded and ground smooth. Top surface is enamel finished. Base is all-welded construction with gray baked enamel finish. Base units are shipped set up.

Base 36"W x 21"D x 31"H. Top 64"W x 54"D x 2".

12 Locker Unit

Stk.	Mfr.	Base Units	Openings	Price
544850	MW6020	(2) Mfr. 4160	12	\$1,399.00

2 Double Door Units

Stk.	Mfr.	Base Units	Openings	Price
544852	MW6021	(2) Mfr. 4140		\$1,189.00

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Wall Assembly Units

Bally Block Tops are carefully selected solid maple woods electronically bonded (*laminated*) together by the famous Wood Welded® construction using controlled pressure and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner.

Shop tops are made with 3/8" T, high-density phenolic resin board on top and bottom, with a 1" T core of industrial particle board. Banded with solid hard maple.

Montisa Learning Bases feature all-welded heavy gauge steel construction. Shop locker bases feature 3 spring hinged double door units. Adjustable shelf and reinforced doors with master-keyed cylinder lock mounted in chrome handle. Gray baked enamel finish. Bases are shipped set up.



Locker Units

Midwest All base units are 21"D x 31"H. All tops are 24"D.

8 Lockers Base units (1) Mfr. 4160, (1) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
561321	WA15	4"W	1-3/4"T x 5"W	\$895.00
561656	WA25	4"W	2-1/4" x 5"W	\$995.00

10 Lockers Base units (1) Mfr. 4160, (2) Mfr. 4162.

561388	WA16	5"W	1-3/4"T x 6"W	\$1,149.00
561723	WA26	5"W	2-1/4" x 6"W	\$1,195.00

12 Lockers Base units (2) Mfr. 4160.

561455	WA17	6"W	1-3/4"T x 7"W	\$1,195.00
561790	WA27	6"W	2-1/4" x 7"W	\$1,295.00

14 Lockers Base units (2) Mfr. 4160, (1) Mfr. 4162.

561522	WA18	7"W	1-3/4"T x 8"W	\$1,395.00
561857	WA28	7"W	2-1/4" x 8"W	\$1,495.00

16 Lockers Base units (2) Mfr. 4160, (2) Mfr. 4162.

561589	WA19	8"W	1-3/4"T x 9"W	\$1,695.00
561924	WA29	8"W	2-1/4" x 9"W	\$1,829.00

18 Lockers Base units (3) Mfr. 4160.

561991	WA110	9"W	1-3/4"T x 10"W	\$1,650.00
562125	WA210	9"W	2-1/4" x 10"W	\$1,895.00

22 Lockers Base units (3) Mfr. 4160, (2) Mfr. 4162.

562058	WA112	10"W	1-3/4"T x 12"W	\$2,229.00
562192	WA212	10"W	2-1/4" x 10"W	\$2,495.00



3 Double Door Units

Midwest All base units are 21"D x 31"H. All tops are 24"D. Base units (3) Mfr. 4140.

Stk.	Mfr.	Base	Top	Price
562259	WCC-1	9"W	1-3/4"T x 10"W	\$1,350.00
562326	WCC-2	9"W	2-1/4"T x 10"W	\$1,525.00



3 Sliding Door Bench Units

Midwest All base units are 21"D x 31"H. All tops are 24"D. Base units (3) Mfr. 4135.

Stk.	Mfr.	Base	Top	Price
562527	WCSD-1	11"W	1-3/4"T x 12"W	\$1,225.00
562594	WCSD-2	11"W	2-1/4"T x 12"W	\$1,525.00



General Utility Bench Units

Midwest All base units are 21"D x 31"H. All tops are 24"D.

Base units (1) Mfr. 4140, (2) Mfr. 4162, (1) Mfr. 4166, (1) Mfr. 5001, (1) Mfr. 5004.

Tops shipped in 2 pieces.

Stk.	Mfr.	Item	Base	Top	Price
561254	U12	1-3/4" Shop Top	11"W	12"W	\$2,395.00
561255	U12-1	1-3/4" Maple Top	11"W	12"W	\$2,495.00
561256	U12-2	2-1/4" Maple Top	11"W	12"W	\$2,695.00



Steel Lockers

Montisa Learning Lockers have all-welded, 1-section construction w/ reinforced side panels (20 ga.). Doors (18 ga.) w/spring hinges, padlock hasp & knockout plug for cylinder lock. Gray baked enamel finish. Shipped set up.

Quantity Savings!

4-Lockers

Stk.	Mfr.	Overall Size WxDxH	Opening WxDxH	Qty.	Price	2 or more
210826	4168	36" x 21" x 31"	18" x 21" x 15"	1	\$401.00	\$359.00

6-Vertical Lockers

210834	4170	36" x 21" x 27"	12" x 21" x 13"	1	\$552.00	
210556	4160	36" x 21" x 31"	12" x 21" x 15"	1	\$436.00	\$393.00

6-Horizontal Lockers

210824	4166	36" x 21" x 31"	18" x 21" x 10"	1	\$375.00	\$339.00
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2-Locker Base Units

Montisa Learning All lockers are 21"D.

Stk.	Mfr.	Overall Size	Opening	Qty.	Price
210690	4162	12"W x 31"H	12"W x 15"H	1	\$216.00
210825	4167	18"W x 31"H	18"W x 15"H	1	\$265.00
210838	4172	12"W x 27"H	12"W x 13"H	1	\$233.00



3-Locker Base Unit

Montisa Learning 3-horizontal lockers. Overall size 18"W x 21"D x 31"H. Opening size 18"W x 21"D x 10"H.

Stk.	Mfr.	Price
210757	4165	\$262.00



Steel Cabinets

Montisa Learning Cabinets have all-welded, 1-section construction w/ reinforced side panels (20 ga.). Doors (18 ga.) w/spring hinges, padlock hasp & knockout plug for cylinder lock. Gray baked enamel finish. Shipped set up.

Overall size 18"W x 21"D x 31"H.

1 Door & Adjustable Shelf Opening 18"W x 21"D x 31"H.

Stk.	Mfr.	Price
211293	5001	\$267.00

2 Drawers Drawers (2) 15"W x 20-3/4"D x 13-1/2"H.

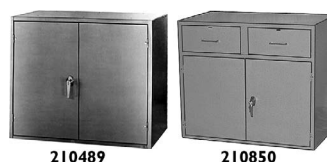
211360	5002	\$404.00
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3 Drawers Drawers (2) 15"W x 20-3/4"D x 6"H, (1) 13-1/2"H.

211427	5003	\$489.00
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4 Drawers Drawers (4) 15"W x 20-3/4"D x 6"H.

211494	5004	\$558.00
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Shop Lockers

Montisa Learning Lockers have all-welded, 1-section construction w/reinforced side panels (20 ga.). Doors (18 ga.) w/spring hinges.

Keypad or master keyed cylinder lock mounted in chrome handle with 2-point locking device. Gray baked enamel finish. Shipped set up.

Includes 1 adjustable shelf.

Quantity Savings!

2 Doors

Stk.	Mfr.	Overall Size	Qty.	Price	2 or more
210489	4140	36"W x 21"D x 31"H	1	\$321.00	\$289.00
210500	4150	36"W x 21"D x 27"H	1	\$408.00	

2 Doors & Drawers Drawers (2) 15"W x 19-3/4"D x 6"H. Drawer cylinder lock sold separately.

210850	4180	36"W x 21"D x 31"H	1	\$635.00	\$569.00
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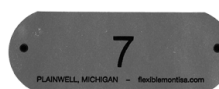


Locker w/Sliding Door

Montisa Learning

Overall size 36"W x 21"D x 31"H.

Stk.	Mfr.	Price
210422	4135	\$295.00



Number Plates

Montisa Learning For Montisa Learning shop lockers. **Please specify number(s).**

Stk.	Mfr.	Qty.	Price
207208	74NP	1	\$3.15

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Key & Cylinder Locks

Montisa Learning Deadbolt-type lock cannot be sprung back w/knife or screwdriver. Cylinder locks are keyed differently.

Stk.	Mfr.	Item	Price
216100	870049	Sliding Doors, cylinder	\$13.20
216101	8700491	Sliding Doors, cylinder (installed)	\$30.40
216106	870053	Hinged Doors, Drawer, cylinder	\$11.30
216107	8700531	Hinged Doors, Drawer, cylinder (installed)	\$19.00
216115	870240	Locking Handle, cylinder	\$14.60
216116	8702401	Locking Handle, cylinder (installed)	\$21.00
216120	870247	Master Key for cylinder lock	\$4.81
216117	870241	Master Key for locking handle	\$16.90



Built-in Master-keyed Combination Lock

Montisa Learning Combination lock is shipped factory-mounted in locker doors (when specified) to provide master-key control by instructor. Different combination settings can be obtained on each lock for reset each term.

Stk.	Mfr.	Price
209910	1654	\$26.50

Montisa Learning Bench Components

Montisa Learning Please specify color: gray, forest green or dark tan. Gray will be shipped if not specified.

Bench Legs Uprights of formed steel. 4"W top cross member is punched for attaching tops. 2-1/2"W shelf cross member is punched for attaching shelves. Stable feet are flared and punched for floor mounting.

Stk.	Mfr.	Overall Size	Qty.	Price
209000	475	23-1/2"D x 30"H	1	\$95.10
209001	476	29-1/2"D x 30"H	1	\$92.20
209005	478	35-1/2"D x 30"H	1	\$106.00
209015	480	23-1/2"D x 32"H	1	\$95.50
209082	481	29-1/2"D x 32"H	1	\$101.00
209150	483	35-1/2"D x 32"H	1	\$107.00
209216	485	23-1/2"D x 34"H	1	\$94.90
209283	486	29-1/2"D x 34"H	1	\$101.00
209351	488	35-1/2"D x 34"H	1	\$106.00

Bench Legs Top Hardware Pkg. Attaches bolts to connect legs to wood tops.

Stk.	Mfr.	Overall Size	Qty.	Price
216070	4824363		1	\$2.44

Channel Braces Reinforces legs and adds rigidity to any type of bench with a leg brace. Use for additional bracing when a shelf is not used. All fastenings furnished. 14 ga. steel.

Stk.	Mfr.	Overall Size	Qty.	Price
207139	73	4'L	1	\$31.40
207206	74	5'L	1	\$51.40
207273	75	6'L	1	\$84.90
207275	76	8'L	1	\$84.90

Shelves Shelves of 16 ga. steel provide structural rigidity as well as storage space. Flanged on the front edge, shelf attaches to cross member between legs. Order 10-1/4"W for 24" bench & 16-1/4"W for all other bench sizes.

Stk.	Mfr.	Overall Size	Qty.	Price
207541	82	4'L x 16-1/4"D	1	\$107.00
207608	83	4'L x 10-1/4"D	1	\$68.80
207675	86	5'L x 16-1/4"D	1	\$153.00
207742	87	5'L x 10-1/4"D	1	\$91.40
207809	89	6'L x 10-1/4"D	1	\$92.40
207876	90	6'L x 16-1/4"D	1	\$175.00
208080	95	8'L x 10-1/4"D	1	\$98.10
208082	96	8'L x 16-1/4"D	1	\$181.00



Butcher Block Bench Tops

Bally Block Select, edge-grain solid butcher block machine and work bench work surfaces are

specially chosen for rugged wear. Wood Welded® laminate construction using controlled pressure and resin adhesives creates a rock-hard bond. Surface and edges are precision planed, sanded and coated with wear-resistant Durakryl™ 102 finish to repel alcohol, bleach, even paint thinner! Top can be resurfaced or repaired without special tools or skill.

Quantity Savings!

2-1/4" 2-Student Top

Stk.	Mfr.	Overall Size	Qty.	Price	2 or more
165747	28X64X2-1/4	64"L x 28"D	1	\$415.00	

2-1/4" 4-Student Top

128134	54X64X2-1/4	64"L x 54"D	1	\$786.00	\$699.00
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1-3/4" Top

128335	24X48X1-3/4	4'L x 24"D	1	\$243.00	
128402	24X60X1-3/4	5'L x 24"D	1	\$303.00	
128469	24X72X1-3/4	6'L x 24"D	1	\$340.00	
128536	24X84X1-3/4	7'L x 24"D	1	\$396.00	
128603	24X96X1-3/4	8'L x 24"D	1	\$404.00	
128670	24X108X1-3/4	9'L x 24"D	1	\$451.00	
128737	24X120X1-3/4	10'L x 24"D	1	\$445.00	
165479	24X144X1-3/4	12'L x 24"D	1	\$588.00	
128804	30X48X1-3/4	4'L x 30"D	1	\$303.00	
128871	30X60X1-3/4	5'L x 30"D	1	\$354.00	
128938	30X72X1-3/4	6'L x 30"D	1	\$394.00	
129005	30X84X1-3/4	7'L x 30"D	1	\$416.00	
129072	30X96X1-3/4	8'L x 30"D	1	\$465.00	
129139	30X108X1-3/4	9'L x 30"D	1	\$504.00	
129206	30X120X1-3/4	10'L x 30"D	1	\$583.00	
166283	30X144X1-3/4	12'L x 30"D	1	\$702.00	
129273	36X48X1-3/4	4'L x 36"D	1	\$364.00	
129340	36X60X1-3/4	5'L x 36"D	1	\$424.00	
129407	36X72X1-3/4	6'L x 36"D	1	\$473.00	
129474	36X84X1-3/4	7'L x 36"D	1	\$287.00	
129541	36X96X1-3/4	8'L x 36"D	1	\$570.00	
129608	36X108X1-3/4	9'L x 36"D	1	\$662.00	
129675	36X120X1-3/4	10'L x 36"D	1	\$700.00	
166953	36X144X1-3/4	12'L x 36"D	1	\$795.00	

2-1/4" Top

129742	24X48X2-1/4	4'L x 24"D	1	\$351.00	
129809	24X60X2-1/4	5'L x 24"D	1	\$398.00	
129876	24X72X2-1/4	6'L x 24"D	1	\$420.00	
129943	24X84X2-1/4	7'L x 24"D	1	\$468.00	
130010	24X96X2-1/4	8'L x 24"D	1	\$510.00	
130077	24X108X2-1/4	9'L x 24"D	1	\$605.00	
130144	24X120X2-1/4	10'L x 24"D	1	\$683.00	
165613	24X144X2-1/4	12'L x 24"D	1	\$868.00	
130211	30X48X2-1/4	4'L x 30"D	1	\$398.00	
130278	30X60X2-1/4	5'L x 30"D	1	\$438.00	
130345	30X72X2-1/4	6'L x 30"D	1	\$502.00	
130412	30X84X2-1/4	7'L x 30"D	1	\$558.00	
130479	30X96X2-1/4	8'L x 30"D	1	\$634.00	
130546	30X108X2-1/4	9'L x 30"D	1	\$757.00	
130613	30X120X2-1/4	10'L x 30"D	1	\$855.00	
166417	30X144X2-1/4	12'L x 30"D	1	\$1,050.00	
130680	36X48X2-1/4	4'L x 36"D	1	\$401.00	
130747	36X60X2-1/4	5'L x 36"D	1	\$502.00	
130814	36X72X2-1/4	6'L x 36"D	1	\$573.00	
130881	36X84X2-1/4	7'L x 36"D	1	\$669.00	
130948	36X96X2-1/4	8'L x 36"D	1	\$764.00	
131015	36X108X2-1/4	9'L x 36"D	1	\$904.00	
131082	36X120X2-1/4	10'L x 36"D	1	\$862.00	
167087	36X144X2-1/4	12'L x 36"D	1	\$1,129.00	

Wood Shop Tops

Wisconsin Bench MDF core between 2 layers of 3/8" high-density particleboard offers superior screw and rivet-holding characteristics. Top and bottom layers are sealed with a catalyzed lacquer finish. The non-conductive, splinter-proof top has a 180° bullnose edge. 1-3/4" T top.

Stk.	Mfr.	Overall Size	Price
281500	CMP1069-V	4'L x 24"D	\$213.00
281502	CMP1071-V	5'L x 24"D	\$241.00
281503	CMP1072-V	6'L x 24"D	\$268.00
281504	CMP1074-V	8'L x 24"D	\$330.00
281508	CMP1080-V	4'L x 30"D	\$239.00
281509	CMP1082-V	5'L x 30"D	\$273.00
281510	CMP1083-V	6'L x 30"D	\$307.00
281511	CMP1085-V	8'L x 30"D	\$381.00
281516	CMP1092-V	5'L x 36"D	\$308.00
281517	CMP1093-V	6'L x 36"D	\$335.00
281518	CMP1095-V	8'L x 36"D	\$363.00

Steel Bench Tops

Montisa Learning 2" T heavy-gauge tops with completely smooth surface, minus screws, bolts and weld marks. All 4 sides are turned down and under for added strength.

24"D Top

Stk.	Mfr.	Overall Size	Price
211025	ST-4824	4'L x 24"W	\$404.00
212097	ST-6024	5'L x 24"W	\$435.00
215045	ST-7224	6'L x 24"W	\$440.00

30"D Top

Stk.	Mfr.	Overall Size	Price
211226	ST-4830	4'L x 30"W	\$402.00
212432	ST-6030	5'L x 30"W	\$438.00
215246	ST-7230	6'L x 30"W	\$436.00

Attaching Channels For mounting steel tops to locker bases.

Stk.	Mfr.	Overall Size	Price
216063	1913202	For 24"D Tops	\$28.30
216064	1913203	For 30"D Tops	\$30.40

Heavy Steel Capped Tops

Montisa Learning 2" T metalworking bench tops made of 12 ga. heavy steel capping and Avian board (particleboard top & bottom w/ a honeycomb cardboard core). Steel top corners are welded and ground smooth. Enamelled finish.

Stk.	Mfr.	Overall Size	Price
210355	SC2864S	64"L x 28-1/2"D	\$500.00
206000	SC2872S	72"L x 28-1/2"D	\$642.00
211628	SC5464S	64"L x 54"D	\$626.00

Sliding Door Work Benches



Pucel Cabinets with steel or hardwood tops. Factory-installed sliding doors contain a cylinder lock. Adjustable shelf on 4" centers.

Includes shelf, 2 handles & 2 keys.

Steel Top

Stk.	Mfr.	Size	Price
683820	CS-2860-SD	60"W x 30"D x 34"H	\$1,019.00
683821	CS-2872-SD	72"W x 30"D x 34"H	\$1,164.00

Wood Top

Stk.	Mfr.	Size	Price
683822	CW-3060-SD	60"W x 30"D x 34"H	\$1,247.00
683823	CW-3072-SD	72"W x 30"D x 34"H	\$1,438.00



5-Drawer Workstation

Kennedy Heavy-duty work bench has friction slides on legs to level on any floor. 5 drawers, 2 shelves. Gray finish. 1-1/2" thick maple work surface. Assembly required.

Stk.	Mfr.	Size	Price
492931	W5405XGW	54"W x 20"D x 34-1/2"H	\$905.00

Power Tool Storage Bench



Hann Provides ample storage space for tools. Constructed of hard maple face framing. All members are glued and stapled to one another forming a strong, interconnected cabinet. Natural finish. Shipped set up.

- 4 large drawers each 13-7/8"W x 18-5/8"D x 5-3/8"H

- Cabinet area includes 2 large suspension shelves providing 3 storage areas each 9"H
- Drawers & doors are furnished w/master-keyed locks
- Top is 48"W x 24"D x 1-3/4" thick maple

Stk.	Mfr.	Overall Size	Price
439277	BC-180WT	48"W x 24"D x 36-1/2"H	\$1,160.00

Adjustable Height Work Benches



Edsal Industrial gray bench adjusts for students of varying height. Straight leg design adjusts 29" to 33"H on 1" increments. 14 ga. steel top support and foot assemblies. 16 ga. ribbed steel legs. 2-3/4"W feet can be bolted to the floor. Welded frame. Knock-outs in legs for electrical hook-ups. 2 stringer legs and stringer.

Steel Top

Stk.	Mfr.	Overall Size	Price
379573	1000S	5'W x 30"D x 29" to 33"H	\$328.00
379574	1001S	6'W x 30"D x 29" to 33"H	\$372.00
379575	1002S	6'W x 36"D x 29" to 33"H	\$416.00

Wood on Steel Top

Stk.	Mfr.	Overall Size	Price
379576	1012PW	5'W x 30"D x 29" to 33"H	\$405.00
379577	1013PW	6'W x 30"D x 29" to 33"H	\$472.00
379578	1014PW	6'W x 36"D x 29" to 33"H	\$525.00

Shop Top

Stk.	Mfr.	Overall Size	Price
379579	1003W	5'W x 30"D x 29" to 33"H	\$433.00
379581	1004W	6'W x 30"D x 29" to 33"H	\$482.00
379582	1005W	6'W x 36"D x 29" to 33"H	\$541.00

Maple Top

Stk.	Mfr.	Overall Size	Price
379583	1009M	5'W x 30"D x 29" to 33"H	\$593.00
379584	1010M	6'W x 30"D x 29" to 33"H	\$688.00
379585	1011M	6'W x 36"D x 29" to 33"H	\$794.00

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Heavy-duty Work Benches

BenchPro Heavy-duty tables with 20,000 lb. capacity, 3" x 14 ga. tubular legs. 2" x 3" gray frame tubing. Adjustable height glides included. 10-yr. mfr.'s warranty. Some assembly required.

Meets ANSI, BIFMA, DIN & GSA Structural Standards.

Quantity Savings!

Maple Top Butcher block is made from 1-3/4" thick strips of genuine maple hardwood. Glued edge to edge to reduce splitting and warping. Top is treated with oil for industrial assembly applications.

Stk.	Mfr.	Overall Size WxHxD	Qty.	Price	5 or more
235220	HW2448	48" x 24" x 32"	1	\$788.00	\$709.00
235221	HW2460	60" x 24" x 32"	1	\$872.00	\$779.00
235222	HW2472	72" x 24" x 32"	1	\$923.00	\$829.00
235225	HW3048	48" x 30" x 32"	1	\$868.00	\$779.00
235226	HW3060	60" x 30" x 32"	1	\$965.00	\$869.00
235227	HW3072	72" x 30" x 32"	1	\$1,026.00	\$925.00
235230	HW3648	48" x 36" x 32"	1	\$927.00	\$835.00
235231	HW3660	60" x 36" x 32"	1	\$1,031.00	\$929.00
235232	HW3672	72" x 36" x 32"	1	\$1,080.00	\$969.00

Steel Top Heavy-duty 18 ga. grade 304 stainless steel top with #4 brushed finish over 1-1/2" T solid particleboard. Not recommended for food preparation areas.

Stk.	Mfr.	Overall Size WxHxD	Qty.	Price	5 or more
235200	HN2448	48" x 24" x 32"	1	\$872.00	\$779.00
235201	HN2460	60" x 24" x 32"	1	\$976.00	\$879.00
235202	HN2472	72" x 24" x 32"	1	\$1,075.00	\$968.00
235205	HN3048	48" x 30" x 32"	1	\$972.00	\$875.00
235206	HN3060	60" x 30" x 32"	1	\$1,095.00	\$985.00
235207	HN3072	72" x 30" x 32"	1	\$1,211.00	\$1,089.00
235210	HN3648	48" x 36" x 32"	1	\$1,046.00	\$945.00
235211	HN3660	60" x 36" x 32"	1	\$1,216.00	\$1,089.00
235212	HN3672	72" x 36" x 32"	1	\$1,278.00	\$1,149.00



Flared Leg Work Benches

Tennsco 13 ga. steel legs are electrically welded into a 1-piece rigid framework. Flared feet permit bolting to the floor. Supports up to 4,000 lbs. (per leg pair). Knock-outs in legs for electrical outlets. 2 stringer legs and 14 ga. stringer. Medium gray color.

Steel Top Bench w/Stringer & Legs Top is 12 ga. steel with 14 ga. end channels.

Stk.	Mfr.	Overall Size	Price
892700	WB-1-3060S	5'W x 30"D x 33-1/2"H	\$284.00
892701	WB-1-3072S	6'W x 30"D x 33-1/2"H	\$315.00
892702	WB-1-3672S	6'W x 36"D x 33-1/2"H	\$356.00

Steel Top Bench w/Stringer, Legs & Shelf Top is 12 ga. steel with 14 ga. end channels.

Stk.	Mfr.	Overall Size	Price
892703	WB-2-3060S	5'W x 30"D x 33-1/2"H	\$336.00
892704	WB-2-3072S	6'W x 30"D x 33-1/2"H	\$377.00
892705	WB-2-3672S	6'W x 36"D x 33-1/2"H	\$417.00

Butcher Block Top Bench w/Stringer & Legs Solid laminated hardwood butcher block top resists warping. Resandable surface is ideal for delicate machined parts and dies.

Stk.	Mfr.	Overall Size	Price
892706	WB-2-3060W	5'W x 30"D x 33-3/4"H	\$518.00
892707	WB-2-3072W	6'W x 30"D x 33-3/4"H	\$600.00
892708	WB-2-3672W	6'W x 36"D x 33-3/4"H	\$681.00

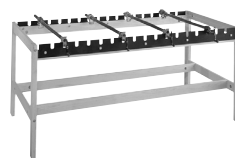


Glue & Stain Bench

Hann Sturdy 2" T, 14 ga. galvanized steel top. Solid maple legs and maple plywood storage shelf. Assembly required.

Stk.	Mfr.	Overall Size	Price
439300	GS-24	60"W x 24"D x 32"H	\$765.00

Glue Clamp Benches



Shain Areas for bar clamp storage and gluing projects. Open top has 17 sets of 3/4"W grooves cut into heavy-gauge steel rail to accept 3"L+ bar clamps. Use the lower rails to store hand screws and C-clamps. Solid maple table with Earth-friendly UV finish. Assembly required.

Overall size 72"W x 36"D x 32"H.

Shown with clamps, sold separately.

Stk.	Mfr.	Item	Price
155201	GCT-7236	Bench Only	\$461.00
155268	GCT-DP	Bench w/Drip Pan	\$625.00



Mobile Glue & Stain Bench

Shain Solid maple framing with heavy-duty casters (not shown) and shelf with 4" rear curb. 1-1/4" T plywood top and edges are covered with heavy-coated galvanized steel. Earth-friendly UV finish. Assembly required.

Stk.	Mfr.	Overall Size	Price
155952	MGSB-6024	60"W x 24"D x 32"H	\$1,255.00



Electronic Modular Work Benches

Tennsco Modular benches offer 4-drawer and cabinet lockable units. Heavy gauge welded steel construction in the drawers and cabinet units provide stability. Pre-punched holes allow units to be bolted side-by-side.

Removable, flat bottom drawers bring supplies to the work surface. Drawers extend fully, have recessed handles, quiet operation and entire unit locks with the turn of 1 key. Medium gray color.

Base size 6'W x 30"D x 33-1/2"H (steel top) x 33-3/4" (maple top).

Includes top, drawer & cabinet units, plus electronic outlet panel.

Electronic Wiring Kit is required, sold separately.

Benches w/2 4-drawer units & outlet panel

Stk.	Mfr.	Top	Price
892616	EMB-1-3072S	Steel	\$967.00
892617	EMB-1-3072M	Maple	\$1,152.00

Benches w/1 4-drawer unit, 1 shelf cabinet & outlet panel

Stk.	Mfr.	Top	Price
892618	EMB-2-3072S	Steel	\$790.00
892619	EMB-2-3072M	Maple	\$975.00

Electronic Wiring Kit

Tennsco Pre-wired for quick installation. Use with Tennsco Electronics Work Benches.

Includes 4 duplex receptacles, on/off switch w/pilot light, 8' grounded cord & plug (15 amp, 115V w/circuit breaker).

Stk.	Mfr.	Price
892710	WK-1	\$88.90



Electronics Work Benches

Tennsco Sleek, closed end panel leg and stringer design creates a sturdy framework. Legs also offer the option of adding numerous electrical outlets, allowing for a variety of applications including testing equipment and electronic component assembly.

Tops are supported by a complete steel framework. Tops include a channel shaped stringer that tie the legs rigidly together. Electronic riser adds storage space, plus the ability to add electrical outlets at a convenient height. Medium gray.

Includes top, panel legs, electronic outlet panel & electronic riser.

Bench shown with Electronic Riser & tools, sold separately. Electronic Wiring Kit required, sold separately.

Benches w/stringer & outlet panel

Stk.	Mfr.	Base WxDxH	Top	Price
892610	EB-1-3072S	6' x 30" x 33-1/2"	Steel	\$441.00
892612	EB-1-3072M	6' x 30" x 33-3/4"	Maple Laminate	\$588.00
892613	EB-1-3672M	6' x 36" x 33-3/4"	Maple Laminate	\$654.00

Benches w/stringer, outlet panel & electronic riser

Stk.	Mfr.	Base WxDxH	Top	Price
892611	EB-2-3072S	6' x 30" x 33-1/2"	Steel	\$535.00
892614	EB-2-3072M	6' x 30" x 33-3/4"	Maple Laminate	\$673.00
892615	EB-2-3672M	6' x 36" x 33-3/4"	Maple Laminate	\$738.00

Electronic Wiring Kit

Tennsco Pre-wired for quick installation. Use with Tennsco Electronics Work Benches.

Includes 4 duplex receptacles, on/off switch w/pilot light, 8' grounded cord & plug (15 amp, 115V w/circuit breaker).

Stk.	Mfr.	Price
892710	WK-1	\$88.90

Soldering Work Benches

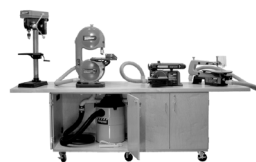
Pucel Bench constructed of 12 gauge steel tops and legs, 16 gauge stringers and shelves, plus feature side and back stops. Top, stringer and legs are reinforced for extra strength. 3,000 lb. capacity.



Stk.	Mfr.	Overall Size	Shelf Depth	Price
683810	BS-2848	48"W x 28"D x 32-1/2"H	15-1/4"	\$512.00
683811	BS-2860	60"W x 28"D x 32-1/2"H	15-1/4"	\$575.00
683812	BS-3448	48"W x 34"D x 32-1/2"H	15-1/4"	\$564.00
683813	BS-3460	60"W x 34"D x 32-1/2"H	15-1/4"	\$640.00

Mobile Tech Bench w/Dust Collection

Midwest Bench unit of solid maple framing with maple veneered plywood panels using dowel construction reinforced with glue and screws. 4" casters (2 swivel, 2 rigid).



- Top (1-3/4" T) of maple laminated strips electronically-welded glued joints & finished w/multiple coats of tough, wear-resistant, nontoxic finish
 - Base w/4 master-keyed double locking doors & earth-friendly UV finish
- Base measures 71"L x 28"D x 27-1/2"H.

Includes mobile bench w/108" x 30" maple top, surge suppressor, dust collector package, vacuum hose (2-1/2" x 6') & 10 gal. wet/dry vac (Shop-Vac).

Shown with bench top machines, sold separately.

Stk.	Mfr.	Price
557190	MW-MG80MSP	\$2,550.00



Locking Mobile Cabinets

Tennsco Locking heavy-gauge steel bench with all-welded construction. Laminate work surface with side/back guards keep tools on top. 2 locking swivel casters (2 fixed). Locking drawer with divider and card holder. Locking cabinet with adjustable shelf on 3" centers. Medium gray color.

Overall size 42"W x 25"D x 36-1/4"H.

Stk.	Mfr.	Drawers	Shelves	Weight	Price
892640	MB-1-2542	4	1	182 lbs.	\$740.00
892641	MB-2-2542	1	2	157 lbs.	\$607.00



Maple Top Mobile Work Bench

Shure Durable, versatile bench offers a large storage cabinet behind 2 sliding doors, plus ample under-bench, 2-drawer storage. 60" hardwood maple bench top. 4 heavy-duty locking swivel casters. Powder-coated sebring gray finish. Light assembly required.

Stk.	Mfr.	Overall Size	Price
795190	811017	60"L x 24"D x 34"H	\$1,892.00

Mobile Work Bench



Greene Choice of 11 ga. pan-folded steel or 1-3/4" T hardwood maple top. All welded construction frame of heavy-gauge steel with 14 ga. steel body and doors. 3-point locking recessed handle in large storage area. 3 drawers with recessed pulls include cylinder locks with 2 keys each (master keys available). Smooth operating drawers are built for security and strength. 5" phenolic casters (2 rigid & 2 swivel heavy-duty). Sturdy side handle. Gray finish.

Overall size 75"L x 30"D x 34"H.

Stk.	Mfr.	Item	Price
433668	MG-88.M	Maple Top	\$2,768.00
433669	MG-88.STL	Steel Top	\$2,237.00

Adjustable Height Mobile Work Bench



Shure Heavy-duty steel work bench with hardwood maple top features all-welded adjustable-height legs, full-length support stringer, back and end stops, plus a lower shelf. 4 heavy-duty locking swivel casters. Powder-coated sebring gray finish. Assembly required.

Shown with vise & drawers, not included.

Stk.	Mfr.	Overall Size	Price
795200	811068	48"L x 30"D x 29"-40"H	\$899.00
795201	811069	60"L x 30"D x 29"-40"H	\$899.00
795202	811070	72"L x 30"D x 29"-40"H	\$1,000.00

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Mobile Tear Down Benches

Shure Bench assists in eliminating unsafe spills when working on transmissions, small engines and hydraulic systems. Heavy-duty reinforced steel top with 1/2" lip on all sides. Powder-coated carmine red finish.

- All-welded adjustable height legs

- 3 gal. fluid drain pan
- Storage drawer
- 4 heavy-duty swivel casters w/brake

48"L Overall size 48"L x 32"D x 29"-40"H.

Stk.	Mfr.	Item	Price
795222	811100	Bench w/Stainless Steel Top	\$1,667.00
795250	900744	Stainless Steel Top Insert Only	\$308.00
795188	800083	Lower Shelf, 12"D	\$81.00
795187	800023	Bench w/Steel Top	\$1,115.00

60"L Overall size 60"L x 32"D x 29"-40"H.

Stk.	Mfr.	Item	Price
795220	811098	Bench w/Steel Top	\$1,271.00
795253	900747	Stainless Steel Top Insert Only	\$384.00

Mobile Bench Cabinet w/4 Drawers



Durham 16 ga. all-welded steel cabinet (2,000 lb. capacity) with welded 12 ga. 12"H vice support. 4 full-extension drawers (ea. 100 lb. capacity) operate smoothly on ball bearing slides. Door offers a 3-pt. locking handle with cylinder lock and 2 keys. Sturdy tubular handle. 6" x 2"

bolt-on phenolic casters (2 swivel, 2 rigid). Durable, gray powder-coated finish. Shipped set up.

Overall size 60"W x 24"D x 39-3/4"H.

Drawers (4) 20-7/16"W x 14-1/16"D x 5-7/8"H.

Shown w/supplies, sold separately.

Stk.	Mfr.	Price
345110	3401-95	\$1,261.00

Portable Tool Cabinet Work Bench



Pucel 12 gauge steel top, 9-drawer inside tool cabinet with cylinder lock, side and back stops, keyed door handle, vise shelf. 8" rubber casters (2 rigid, 2 swivel). 2,000 lb. capacity.

Overall size 48"L (63"L w/vise shelf) x 26"D x 37-1/4"H (40-1/4"H w/backsplash).

Shown w/vise & supplies, sold separately.

Stk.	Mfr.	Price
683900	PTC-48P	\$1,591.00



Mobile Tool Work Bench

Midwest Solid maple framing with maple veneer bench features laminated maple top, 3 locking compartments, 2 electrical charging strips and four 3" hard-rubber locking casters.

- Top of maple laminated strips electronically-welded glued joints & finished w/multiple coats of tough, wear-resistant, nontoxic finish
- Base w/3 locking double-doors (2 front, 1 back) & pegboard (2 sides)
- 2 adjustable shelves on right side w/6 tote trays (8"W x 19"D x 4"H)
- Pegboard panels & charging strips in left & back compartments
- Mortise & tenon joint construction
- Draw-bolt reinforcement
- Earth-friendly UV finish

Top 60"W x 28"D x 2-1/4"T. Base 45-1/2"W x 25-1/2"D x 26"H.

Overall size 60"W x 28"D x 32"H.

Stk.	Mfr.	Item	Price
155551	MTSW-6028	Bench Only	\$2,166.00
558319	MTSW-6028-T	Set of Tools Only	\$1,175.00
558320	MTSW-6028-MBT	Bench w/Tools	\$3,195.00

Complete Set of Tools for MTSW-6028-T

Adjustable Clamp	Irwin	1	Hammer, Ball Pein, 8 oz., 12-1/4"
6 Clamp, C-Clamp, 2"	1 Bit, Drill, HSS, 15 Pc.	2	Hammer, Nail, Curve Claw, 13 oz., 13"
6 Clamp, Spring Clamp, 1"	1 Bit, Spade, 6", 13 Pc.	1	Hammer, Soft Face, 8 oz., 12"
2 Clamp, Spring Clamp, 3"	Jet	2	Knife, Putty, Flexible
Black & Decker	1 Vise, Utility	2	Rule, Powerlock, 1/2" x 12"
1 Screwdriver, Cordless, 3.6V	Lufkin	1	Saw, Back, 14", 12 tpi
Bosch	3 Rule, Alum., 3'	1	Saw, Hacksaw, Tubular
1 Drill, Cordless, 3/8", 12V	Lutz	1	Square, Combination, 12"
Crescent	6 File Handle for 10" file	Stanley Fastening	
1 Pliers, Diagonal Cut, 6"	Nicholson	1	Blade, Knife, Artist's, #11, 5/pkg.
1 Pliers, Long Nose, Chain, 6"	1 File Card	4	Knife, Artist's, #1
Dremel	1 File Hand Bastard, 10"	Techni-Edge	
1 Moto-Tool, VS	1 File Square Bastard, 10"	1	Glue Gun, Dual Temp
Eklind	1 File, 3 Sq. Bastard, 10"	1	Glue Sticks, Dual Temp, 24 pc
1 Wrench, Hex Key, Met., 10 Pc.	1 File, Flat Bastard, 10"	Vise-Grip	
General	1 File, Half Rnd. Bastard, 10"	1	Pliers, Locking, Srt. Jaw, 10"
2 Compass, Pencil, 8"	1 File, Rnd. Bastard, 10"	1 ea.	Snips, Straight, 7", 10"
Great Neck	Shop Fox	Weller	
1 ea. Screwdriver, Phil.: #1, #2	1 Vise, Woodworking	2	Iron, Soldering, 25W
1 ea. Screwdriver, Std.: 3", 4", 6"	Stanley		
	1 Chisel, Wood, 3 pc.		

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TOOL CABINETS



Tech Ed Workspace

Midwest Everything you need for your Tech Ed workspace in one cabinet. Mobile cabinet is available with or without tools. Hann cabinet includes pegboard, 3 full-width shelves (2 adjustable & 1 fixed) and 6 large tote trays. Heavy-duty cabinet constructed of maple framing and panels. 3/4" T

hardwood panel overlay doors. Shipped set-up.

- Master-keyed locking doors
- 2 recessed door handles
- Natural finish
- Three 270° hinges on each door
- 4" locking casters
- Hand built 1 at a time

Overall size 48"W x 22"D x 66"H.

Includes 6 large tote trays.

Stk.	Mfr.	Item	Price
439440	TS-200M	Cabinet Only	\$1,530.00
558359	MW-MSTP	Tools Only	\$2,295.00
558358	MW-MSMTPPKG	Cabinet Plus Tools	\$3,800.00

Complete Set of Tools for MW-MSTP

Category	Brand	Item	Quantity
Cutting Tools	Alvin	1 Cutting Mat, 18" x 24"	1
	Techni-Edge	2 Knife, Hobby, #1	2
	Stanley	2 Knife, Utility	2
		1 Saw, Back, 14"	1
	Nicholson	1 Saw, Hack, 10"	1
	Irwin	1 Saw, Pull, Double Edge, 7 & 17 TPI	1
		1 Snip, Aviation, Straight, 10"	1
	Electronics Tools		
	Elenco	1 Leads, Jumper Clip	1
	X-Acto	2 Magnifier, X-tra Hand	2
Gardner Bender	2 Multimeter, Digital	2	
Johnson Mfg.	1 Sal Ammoniac Bar	1	
Weller	2 Soldering Iron, 25W	2	
	2 Soldering Iron Tip Kit	2	
	2 Soldering Tool Stand	2	
Gardner Bender	1 Stripper Crimper, 8-1/2"	1	
General Workspace			
Steiner	5 Apron, Shop, 29" x 40"	5	
Weiler	1 Brush, Counter, 8"	1	
Akro-Mills	1 Cabinet, Storage, Plastic, 24 Drawer	1	
	1 Cabinet, Storage, Plastic, 44 Drawer	1	
Coleman Cable	1 Cord, Extension, 3-outlet, 25'	1	
Fiskars	1 Drill, Manual Rotary Craft	1	
Black & Decker	1 Drill Bit, HSS, 29 pc.	1	
Weiler	1 Dust Pan	1	
North Safety	1 First Aid Kit, 25 Person	1	
Sellstrom	5 Glasses, Safety, Black	5	
Steiner	5 Gloves, Leather Work, Large	5	
Sperian	1 Masks, Dust, 20 count	1	
Coleman Cable	2 Surge Protector, 6 outlet	2	
Master Magnetics	3 Tool Holder, Magnet, 24"	3	
Crawford	1 Hook, Peg, 47-pc.	1	
Holding Tools			
Irwin	3 Clamp, Spring, 2"	3	
Jorgenson	6 Clamp, Bar, 6", 12", 36" (2 ea.)	6	
Wilton	1 Vise, Swivel Base, 2-1/2"	1	
Joining Tools			
Stanley	1 Glue Gun, Dual Melt	1	
Surebonder	1 Glue Gun, Mini 10W	1	
Stanley	1 Stapler/Brad Gun, Electric	1	
Measuring Tools			
General	1 Caliper, Dial, 6"	1	
	1 Compass, Pencil, 8"	1	
De Walt	2 Rule, Tape, 30'	2	
Lufkin	1 Ruler, Aluminum, Meter	1	
Johnson Level	1 Square, Combination, 12"	1	
	1 Square, Rafter, 12"	1	
Power Tools			
Porter-Cable	1 Drill, Cordless, 20V	1	
De Walt	1 Saw, Jig, VS, 5.5 Amps	1	
Mechanical Tools			
Pittsburg	1 Bits, Driver, 10 pc.	1	
Stanley	1 Hammer, Fiberglass, 16 oz.	1	
Eklind	1 Hex Key, Inch/Metric, 16 pc.	1	
CS Osborne	1 Mallet, Rubber, 25 oz.	1	
Stanley	1 Nail Set, 3/32"	1	
Irwin	2 Pliers, Lineman's, 8"	2	
Crescent	1 Pliers, Locking, 3 pc.	1	
Irwin	2 Pliers, Long Nose, 6"	2	
	1 Pliers, Slip Joint, 6"	1	
Stanley	1 Screwdriver, Comb., 8 pc.	1	
General	1 Screwdriver, Precision, 6 pc.	1	
Wiss	2 Shear, Easy Snip Utility, 8-1/2"	2	
Crescent	1 Wrench/Socket, Set, Frac./Met., 70 pc.	1	
	2 Wrench, Adjustable, 8", 10" (1 ea.)	2	
Textile Tools			
Singer	1 Needles, Hand, 25 pc.	1	
Dritz	2 Sewing Kit, Starter	2	
Hamilton Beach	1 Iron, Nonstick	1	
Brother	2 Sewing Machine	2	
Sterlite	1 Storage Container	1	

Attach Tall Storage Cabinets to the wall for added safety.



48"W Tech Ed Tool Cabinet

Hann Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back. Upper cabinet & doors are lined with dedicated tool holders. Lower cabinet consists of 2 adjustable shelves made of veneer-core plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

Includes 6 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 8 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
439423	TS-40	Cabinet Only	\$1,880.00
554952	MWTETC-40-T	Tools Only	\$3,995.00
558653	MWTETC-40CTHN	Cabinet Plus Tools	\$5,995.00

Complete Set of Tools for MWTETC-40-T

Acme	3 Scissors, St. Trimmer, 8"	3 Screwdriver, Phil., #2	2 ea. Hammer, Nail, Crv. Claw, 13 oz. x 13-1/4", 16 oz. x 13"
Adjustable Clamp	2 Clamp, C-Clamp, 6"	1 Drill, Cordless, 20V	1 Hammer, Soft Face, 8 oz., 12"
	6 ea. Clamp, C-Clamp: 1", 2", 3"	2 ea. Screwdriver, Std.: 3", 4"	2 Knife, Putty, Flexible
	6 Clamp, Spring, 1"		1 Nail Set, 3 pc.
	2 Clamp, Spring, 3"	Irwin	6 Nail Set, Self-centering
	1 Saw, Compound Miter	1 Bit, Drill, HSS, 15 pc.	2 Rule, Powerlock 1/2" x 12'
Black & Decker	3 Screwdriver, Cordless, 3.6V	2 Bit, Power Screwdriver, 40 pc.	3 Saw, Back, 14", 12 tpi
Blackhawk	1 Wrench, Comb., Met., 8 pc.	1 Bit, Spade, 6", 13 pc.	1 Saw, Coping, 6-3/4"
	1 Wrench, Comb., Std., 14 pc.	2 Pliers, Slip Joint, 6"	1 Saw, Hacksaw, Tubular
	1 Wrench, Torque, 3/8"D		1 Saw, Handsaw, 20", 9 tpi
Bosch	3 Drill, Cordless, 3/8", 12V	Johnson	1 Square, Rafter, Alum., 2" x 24"
Channellock	2 Pliers, Lineman's, Rnd. Nose, 7"	1 Bevel, Sliding T, 8"	1 Square, Comb., 12"
Coleman	3 Surge Suppressor	1 Level, Alum., 24"	2 Surform, File, Rnd., 14-1/4"
Crescent	2 Pliers, Chain Nose, Long, 6"	1 Level, Torpedo, Alum., 9"	2 Surform, Pocket, 5-1/2"
	2 Pliers, Diagonal Cut, 6"	Lisle	2 Surform, Shaver, 7-1/4"
	1 Wrench, Adj., 12"	1 Tester, Continuity	Stanley Fastening
	3 Wrench, Adj., 6"	Lutz	5 Glue Gun, Dual Temp
CS Osborne	1 Mallet, Black Rubber, 13 oz.	6 File Handle, for 10" file	1 Glue Sticks, Dual Temp, 24 pc.
Dremel	1 Multi-Vise	Marson	Starrett
	2 Rotary Tool, VS	1 Rivet Tool, Hand	1 Caliper, Inside, 6"
Eklind	1 Wrench, Hex Key, Met., 10 pc.	2 Rivets, Alum., 100 pc.	1 Caliper, Outside, 6"
Elenco	1 Multimeter, Digital	Mayhew	1 Divider, 6"
Gear Wrench	1 Socket Std., 3/8D, 6-pt., 12 pc.	1 Punch & Chisel, 14 pc.	1 Square, Comb., 12"
	1 Socket Std., 1/4D, 6-pt., 13 pc.	Nicholson	1 Square, Comb., 6"
General	2 Compass, Pencil, 8"	1 File, Flat Bastard, 10"	Techni-Edge
	6 Rule, Steel, 12"	1 File, Half Rnd. Bastard, 10"	12 Blade, Knife, Artist's, #11, 5/pkg.
	1 Screwdriver, Jeweler's, 6 pc.	1 File, Hand Bastard, 10"	12 Knife, Artist's, #1
Great Neck	1 Pry Bar, Utility, 15"	1 File, Rnd. Bastard, 10"	Vise-Grip
	3 Screwdriver, Phil., #1	1 File, Sq. Bastard, 10"	1 Pliers, Locking, Long Nose: 6", 9" cutter
		1 Saw, Comp./Key., 12", 8 tpi	1 Pliers, Locking, St. Jaw, 10"
		10 Blade, Saw Coping 6-1/2", 20 tpi, 4/pkg.	1 Snips, St., 10"
		1 Wrench, Hex Key, Frac., 7 pc.	1 Snips, St., 7"
		Revell	Weller
		6 Knife, Artist's, Swivel	4 Soldering Iron, 25W
		Stanley	X-Acto
		3 Awl, Scratch	6 Blade, Knife, Artist's, Swivel, 2/pkg.
		1 Chisel, Wood, 3 pc.	1 Knife, Artist's, 20 pc.
		1 ea. Hammer, Ball Pein: 8 oz. x 12-1/4", 16 oz. x 14"	Xcelite
			1 Nut Driver, 7 pc.

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Dan Goodwin ext. 3104
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48"W Tech Ed Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

Includes power strip & asst. pegboard hooks.

Shown with Tote Trays (Stk. 558200), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155526	TETC-40	Cabinet Only	\$2,287.00
554952	MWTETC-40-T	Tools Only	\$3,995.00
554953	MWTETC-40-CT	Cabinet Plus Tools	\$5,795.00
558200	MWTPPKG-48	14 Tote Trays	\$169.00

Complete Set of Tools for MWTETC-40-T

Acme	3	Screwdriver, Phil., #2	2 ea.	Hammer, Nail, Crv. Claw, 13 oz x 13-1/4", 16 oz x 13"				
2	Scissors, St. Trimmer, 8"	1	Screwdriver, Std., 6"	1	Hammer, Soft Face, 8 oz, 12"			
Adjustable Clamp	2	ea. Screwdriver, Std.: 3", 4"	1	Knife, Putty, Flexible				
2	Clamp, C-Clamp, 6"	Irwin	1	Nail Set, 3 pc.				
6 ea.	Clamp, C-Clamp: 1", 2", 3"	1	Bit, Drill, HSS, 15 pc.	6	Nail Set, Self-centering			
6	Clamp, Spring, 1"	2	Bit, Power Screwdriver, 40 pc.	2	Rule, Powerlock 1/2" x 12"			
2	Clamp, Spring, 3"	1	Bit, Spade, 6", 13 pc.	3	Saw, Back, 14", 12 tpi			
1	Saw, Compound Miter	2	Pliers, Slip Joint, 6"	3	Saw, Coping, 6-3/4"			
Black & Decker	Johnson	1	Bevel, Sliding T, 8"	1	Saw, Hacksaw, Tubular			
3	Screwdriver, Cordless, 3.6V	1	Level, Alum., 24"	1	Saw, Handsaw, 20", 9 tpi			
Blackhawk	1	Level, Torpedo, Alum., 9"	Lisle	1	Square, Raft, Alum., 2" x 24"			
1	Wrench, Comb., Met., 8 pc.	Lisle	1	Tester, Continuity	1	Square, Comb., 12"		
1	Wrench, Comb., Std., 14 pc.	Lufkin	6	Ruler, Alum., 36"	2	Surform, File, Rnd., 14-1/4"		
1	Wrench, Torque, 3/8"D	Lutz	6	File Handle, for 10" file	5	Surform, Pocket, 5-1/2"		
Bosch	3	Drill, Cordless, 3/8", 12V	Marson	1	Rivet Tool, Hand	2	Surform, Shaver, 7-1/4"	
Channellock	2	Pliers, Lineman's, Rnd. Nose, 7"	Mayhew	1	Punch & Chisel, 14 pc.	Stanley Fastening	5	Glue Gun, Dual Temp
Coleman	3	Surge Suppressor	Nicholson	2	File Card	1	Glue Sticks, Dual Temp, 24 pc.	
Crescent	2	Pliers, Chain Nose, Long, 6"	1	File, 3 Sq. Bastard, 10"	1	Caliper, Inside, 6"		
2	Pliers, Diagonal Cut, 6"	1	File, Flat Bastard, 10"	1	Caliper, Outside, 6"			
1	Wrench, Adj., 12"	1	File, Half Rnd. Bastard, 10"	1	Divider, 6"			
3	Wrench, Adj., 6"	1	File, Hand Bastard, 10"	2	Square, Comb., 12"			
CS Osborne	1	Mallet, Black Rubber, 13 oz.	1	File, Rnd. Bastard, 10"	1	Square, Comb., 6"		
Dremel	1	Multi-Vise	1	File, Sq. Bastard, 10"	12	Blade, Knife, Artist's, #11, 5/pkg.		
2	Rotary Tool, VS	1	Saw, Comp./Key., 12", 8 tpi	Techni-Edge	12	Blade, Knife, Artist's, #11, 5/pkg.		
Eklind	1	Wrench, Hex Key, Met., 10 pc.	Olson	10	Blade, Saw Coping 6-1/2", 20 tpi, 4/pkg.	12	Knife, Artist's, #1	
Elenco	1	Multimeter, Digital	Proto	1	Wrench, Hex Key, Frac., 7 pc.	12	Knife, Artist's, #1	
Gear Wrench	1	Socket Std., 3/8D, 6-pt., 12 pc.	Revell	6	Knife, Artist's, Swivel	12	Knife, Artist's, #1	
1	Socket, Std., 1/4D, 6-pt., 13 pc.	Stanley	3	Awl, Scratch	Weller	4	Soldering Iron, 25W	
General	6	Compass, Pencil, 8"	1	Chisel, Wood, 3 pc.	X-Acto	6	Blade, Knife, Artist's, Swivel, 2/pkg.	
6	Rule, Steel, 12"	1 ea.	Hammer, Ball Pein: 8 oz. x 12-1/4", 16 oz. x 14"	Xcelite	1	Nut Driver, 7 pc.		
1	Screwdriver, Jeweler's, 6 pc.							
Great Neck	1	Pry Bar, Utility, 15"						
3	Screwdriver, Phil., #1							

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60"W Tech Ed Cabinet

Shain Cabinet is constructed of solid maple with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes asst. pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155352	TC-4	Cabinet Only	\$1,956.00
544170	MWTC4-T	Tools Only	\$5,595.00
544171	MWTC4-CT	Cabinet Plus Tools	\$6,400.00
558201	MWTPPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTC4-T

Acme	6	Scissors, Srt. Trimmer, 8"	General	1	Hammer, Ball Pein: 8 oz. x 12-1/4", 16 oz. x 14"		
Adjustable Clamp	6	Clamp, C-Clamp, 3"	16	Rule, Steel, 12"	1	Hammer, Dead Blow, 20 oz., 11"	
2	Clamp, C-Clamp, 6"	1	Screwdriver, Jeweler's, 6 pc.	Great Neck	2	Hammer, Nail, 13 oz., 13"	
12 ea.	Clamp, C-Clamp: 1", 2"	1	Pry Bar, Utility, 15"	6	Hammer, Nail, 16 oz., 13-1/4"		
12 ea.	Clamp, Spring: 1", 3"	5 ea.	Screwdriver, Phil.: #s 1, 2	2	Hammer, Soft Face, 8 oz., 12"		
1	Saw, Miter, Comp.	5 ea.	Screwdriver, Std.: 3", 4", 6"	Irwin	2	Knife, Putty, Flexible	
Alvin	1	Lamp, Magnifier	1	Bit, Drill, HSS, 15 pc.	1	Nail Set, 3 pc.	
Black & Decker	2	Screwdriver, Cordless, 3.6V	1	Bit, Spade, 6", 13 pc.	6	Nail Set, Self-centering	
Blackhawk	12	Saw, Dovetail, 10", 14 tpi	6	Pliers, Slip Joint, 6"	2	Rule, Tape, 1" x 25"	
1	Torque Wrench, 3/8"	Johnson	3	Bevel, Sliding T, 8"	6	Saw, Coping, 6-3/4"	
1	Wrench, Comb., Frac., 14 pc.	1	Level, Alum., 24"	3	Saw, Hacksaw, Tubular		
1	Wrench, Comb., Met., 8 pc.	1	Level, Torpedo, Alum., 9"	1	Saw, Handsaw, 20", 9 tpi		
Bosch	2	Drill, Cordless, 3/8", 12V	Lisle	2	Square, Comb., 12"		
Channellock	6	Pliers, Lineman's, Rnd. Nose, 7"	10	Ruler, Alum., 36"	1	Square, Raft, Alum., 2" x 24"	
Coleman	3	Surge Suppressor	Lutz	6	File Handle, for 10" file	2	Surform, File, Rnd., 14-1/4"
Crescent	2	Pliers, Diagonal Cut, 6"	6	File Handle, for 8" file	2	Surform, Pocket, 5-1/2"	
6	Pliers, Long Nose, Chain, 6"	1	Rivet Tool	Marson	2	Square, Comb., 12"	
1	Wrench, Adj., 12"	2	Rivets, Alum., 100 pc.	1	Rivet Tool		
3	Wrench, Adj., 6"	Mayhew	1	Punch & Chisel, 14 pc.	1	Caliper, Inside, 6"	
CS Osborne	1	Mallet, Black Rubber, 13 oz.	Nicholson	6	File Card	1	Caliper, Outside, 6"
1	Mallet, Hick, Srt. Side, 2" x 4"	1	File, 3 Sq. Bastard, 10"	1	File, Flat Bastard, 10"	1	Divider, 6"
Dremel	1	Rotary Tool, Vise, D-Vise	1	File, Half Rnd. Bastard, 10"	1	File, Rnd. Bastard, 10"	
2	Rotary Tool, VS	6	File, Half Rnd. Smooth, 8"	1	File, Hand Bastard, 10"	2	Square, Comb., 12"
Eklind	1	Wrench, Hex Key, T-Handle, Fract., 6", 8 pc.	1	File, Rnd. Bastard, 10"	1	Square, Comb., 6"	
1	Wrench, Hex Key, T-Handle, Met., 6", 8 pc.	1	File, Hand Bastard, 10"	1	File, Rnd. Bastard, 10"		
Elenco	1	Multimeter, Digital	2	Saw, Comp./Key., 12", 8 tpi	Quick-Grip	2	Clamp, Bar, 24"
GearWrench	1	Socket, 1/4D, 6-pt., 13 pc.	Stanley	6	Awl, Scratch	1	Chisel, Wood, 3 pc.
1	Socket, 3/8D, 6-pt., 12 pc.						

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48" W Woodworking Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" T maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

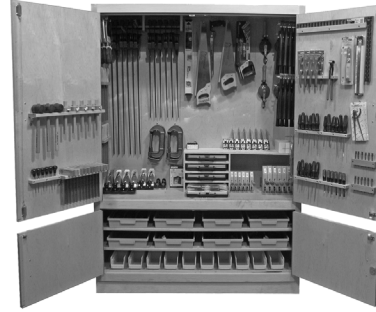
Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558200), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155356	TC-4810	Cabinet Only	\$1,755.00
558776	MWTC4810-T	Tools Only	\$3,195.00
558777	MWTC4810-CT	Cabinet Plus Tools	\$4,795.00
558200	MWTPKG-48	14 Tote Trays	\$169.00

Complete Set of Tools for MWTC4810-T

Adjustable Clamp	Lutz	2	Nail Set, 3 pc.	
6 Clamp, C-Clamp, 6"	2	File Card	2	Plane, Bench
6 Clamp, Handscrew, 8"	Nicholson	4	Plane, Block	
CS Osborne	3	Rasp, Half Rnd. Bastard, 10"	2	Plane, Jack
2 Divider, Wing, 8"	6	Rasp, Half Rnd., 10"	3	Saw, Back, 14", 12 tpi
3 Mallet, Black Rubber, 13 oz.	3	Saw, Handsaw, 24", 12 tpi	3	Saw, Coping, 6-3/4"
DeWalt	Norton	1 ea.	Screwdriver, Phil: #'s 2, 3, 4	
3 Drill, Electric, VSR, 3/8"	1	Stone, Oil, 2" x 1" x 8"	1	Screwdriver, Std., 8"
Footprint	2	Stone, Slip, Medium Grit	3 ea.	Screwdriver, Std.: 4", 6"
2 Gauge, Marking	Olson	1	Square, Rafter, Alum, 2" x 24"	
General	20	Blade, Saw, Coping, 6-1/2", 15 tpi, 4/pkg.	Starrett	
2 Countersink, 1/2"	Porter-Cable	Starrett	1	Gauge, Drill & Tap
12 Rule, Steel, 12"	2	Sander, Palm Grip	Two Cheries	
Irwin	1	Saw, Jig, VS Orbital	4	Blade, Scraper, 3 pc.
1 Bit, Auger, 13 pc.	Stanley	Stanley	Weiler	
1 Bit, Drill, HSS, 15 pc.	3	Awl, Scratch	6	Duster, Counter, 8"
Johnson	1	Chisel, 1"	X-Acto	
2 Bevel, Sliding T, 8"	2 ea.	Chisel: 1/4", 3/8", 1/2", 3/4"	1	Carving Tool, 6 pc.
1 Level, Alum., 24"	8 ea.	Hammer, Nail, 13 oz.: 13", 13-1/4"		
7 Square, Try, 8"				



60" W Woodworking Cabinet

Hann Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back. Upper cabinet & doors are lined with dedicated tool holders. Lower cabinet consists of 2 adjustable shelves made of veneercore ply-

wood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes 8 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 10 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
439420	TS-10	Cabinet Only	\$2,400.00
558575	MWTS10-T-02	Tools Only	\$4,395.00
558650	MWTS10-CTHN	Cabinet Plus Tools	\$6,395.00

Complete Set of Tools for MWTS10-T-02

Adjustable Clamp	Lutz	2	Plane, Block		
6 Clamp, C-Clamp, 6"	6	File Card	4	Plane, Jack	
6 ea. Clamp, Handscrew: 6", 8"	12	File Handle, for 10" file	8	Rule, Tape, 1"x 25'	
Channellock	Nicholson	6	Rasp, Half Rnd. Bastard, 10"	4	Saw, Back, 14", 12 tpi
1 Pliers, Cutting Nippers, 10"	6	Rasp, Half Rnd., 10"	6	Saw, Coping, 6-3/4"	
Crescent	10"	10"	1	Scraper, Cabinet	
4 Pliers, Comb., Slip Joint, 8"	6	Rasp, Half Rnd., 10"	3	Square, Rafter, Alum, 2" x 24"	
3 Screwdriver, Comb., 6 pc.	2	Saw, Comp/Key., 12", 8 tpi	Starrett		
CS Osborne	4	Saw, Handsaw, 20", 8 tpi	1	Gauge, Drill & Tap	
2 Divider, Wing, 8"	1	Saw, Handsaw, 24", 12 tpi	Two Cheries		
3 Mallet, Black Rubber, 13 oz.	Olson	20	Blade, Saw, Coping, 6-1/2", 15 tpi, 4/pkg.	4	Blade, Scraper, 3 pc.
Footprint	20	Gauge, Marking	Quick-Grip		
5 Gauge, Marking	10 ea.	Clamp, Spring: 2", 3"	4	Clamp/Spread: Bar: 24", 36"	
General	6 ea.	Clamp/Spread: Bar: 24", 36"	Stanley		
12 Rule, Steel, 12"	6	Awl, Scratch	6	Awl, Scratch	
Great Neck	4	Chisel, 6 pc.	4	Chisel, 6 pc.	
4 Drill, Hand	8	Hammer, Nail, Curve Claw, 16 oz., 13-1/4"	8	Hammer, Nail, Rip Claw, 16 oz., 13-1/4"	
Irwin	2	Bit, Auger, 13 pc.	3	Nail Set, 3 pc.	
2 Bit, Drill, HSS, 15 pc.	4	Pliers, Slip Joint, 8"	2	Plane, Bench	
Johnson					
2 Bevel, Sliding T, 8"					
3 Level, Alum., 24"					
12 Square, Try, 8"					

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60"W Woodworking Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels

mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes pegboard hook assortment.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

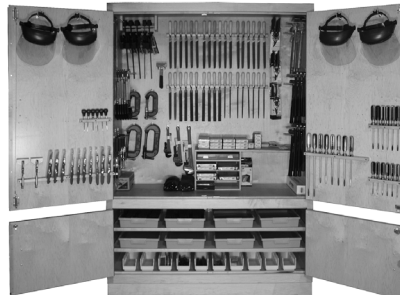
Stk.	Mfr.	Item	Price
15670	TC-10	Cabinet Only	\$2,159.00
558575	MWTS10-T-02	Tools Only	\$4,395.00
558642	MWTS10-CT-02	Cabinet Plus Tools	\$5,995.00
543842	MWOPT-1	Power Tools Only	\$1,295.00
558201	MWTPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTS10-T-02

Adjustable Clamp	Lutz	2	Plane, Block
6 Clamp, C-Clamp, 6"	6 File Card	4	Plane, Jack
6 ea. Clamp, Handscrew: 6", 8"	12 File Handle, for 10" file	8	Rule, Tape, 1"x 25"
Channellock	Nicholson	4	Saw, Back, 14", 12 tpi
1 Pliers, Cutting Nippers, 10"	6 Rasp, Half Rnd. Bastard, 10"	6	Saw, Coping, 6-3/4"
Crescent	2 Saw, Comp./Key., 12", 8 tpi	1	Scraper, Cabinet
4 Pliers, Comb., Slip Joint, 8"	4 Saw, Handsaw, 20", 8 tpi	3	Square, Rafter, Alum, 2" x 24"
3 Screwdriver, Comb., 6 pc.	1 Saw, Handsaw, 24", 12 tpi	Starrett	1 Gauge, Drill & Tap
CS Osborne	Olson	Two Cherries	4 Blade, Scraper, 3 pc.
2 Divider, Wing, 8"	20 Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg.	Vise-Grip	2 Pliers, Locking, Large Jaw, 12"
3 Mallet, Black Rubber, 13 oz.	Quick-Grip	W.L. Fuller	2 Countersink, 7 pc.
Footprint	10 ea. Clamp, Spring: 2", 3"	Weiler	6 Brush, Bench, 8"
5 Gauge, Marking	6 ea. Clamp/Spreader, Bar: 24", 36"	X-Acto	1 Carving Tool, 6 pc.
General	Stanley		
12 Rule, Steel, 12"	6 Awl, Scratch		
Great Neck	4 Chisel, 6 pc.		
4 Drill, Hand	8 Hammer, Nail, Curve Claw, 16 oz., 13-1/4"		
Irwin	8 Hammer, Nail, Rip Claw, 16 oz., 13-1/4"		
2 Bit, Auger, 13 pc.	3 Nail Set, 3 pc.		
2 Bit, Drill, HSS, 15 pc.	2 Plane, Bench		
4 Pliers, Slip Joint, 8"			
Johnson			
2 Bevel, Sliding T, 8"			
3 Level, Alum., 24"			
12 Square, Try, 8"			

Complete Set of Tools for MWOPT-1

DeWalt	Morse	1	Sander, Belt, 3" x 24"
2 Drill, Electric, VSR, 3/8"	1 Blade, Jig Saw, Bi-Metal, 5 pc.	2	Sander, Palm Grip
Freud	Porter-Cable	1	Saw, Jig, VS Orbital
1 Bit, Router, HSS, 9 pc.	1 Router, 1-3/4 HP		



60"W Metalworking Cabinet

Hann Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back. Upper cabinet & doors are lined with dedicated tool holders. Lower cabinet consists of 2 adjustable shelves made of

veneercore plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

Includes 6 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 8 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
439421	TS-11	Cabinet Only	\$2,400.00
558774	MWTS11-T-02	Tools Only	\$6,295.00
558651	MWTS11-CTHN	Cabinet Plus Tools	\$8,595.00

Complete Set of Tools for MWTS11-T-02

Adjustable Clamp	Lufkin	Roper Whitney
6 ea. Clamp, C-Clamp: 4", 6"	2 Rule, Circumference, 36"	2 Seamer, Hand
American Beauty	6 Rule, Steel, 24"	Sellstrom
1 Soldering Iron, 100W	3 Rule, Steel, 36"	4 Face shield, Clear Window, Ratchet Headgear
Crescent	Lutz	Stanley
4 Wrench, Adj., 8"	6 File Cleaner	6 Awl, Scratch
2 ea. Wrench, Adj.: 10", 12"	36 File Handle, for 10" file	6 Hammer, Ball Pein, 12 oz x 13", 16 oz x 14"
CS Osborne	Mayhew	2 Screwdriver, Std., 12"
1 ea. Rivet Set: #s 00, 0, 1, 2, 3, 4, 5, 6	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 1"	6 ea. Screwdriver, Std.: 4", 6", 8"
General	3 ea. Punch, Ctr.: 1/4", 3/8", 1/2"	Starrett
6 Gauge, Ctr.	Nicholson	20 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi
1 Gauge, Drill	4 File, Flat Bastard, 10"	3 ea. Caliper, Inside: 6", 8"
1 Gauge, Sheet Metal	4 File, Flat Smooth, 10"	3 ea. Caliper, Outside: 6", 8"
12 ea. Rule, Steel: 6", 12"	4 File, Half Rnd. Bastard, 10"	3 Divider, 6"
Great Neck	4 File, Half Rnd. Smooth, 10"	1 Gauge, Surface
4 Hammer, Cross Pein, 3 lbs.,	4 File, Mill Bastard, 10"	4 Micrometer, Outside
Hanson	4 File, Mill Second Cut, 10"	1 Square Comb. Set, 12"
1 Tap & Die, 39 pc.	4 File, Mill Smooth, 10"	1 VBlocks & Clamp
Irwin	4 File, Rnd. Smooth, 10"	Vise-Grip
2 Bit, Drill, HSS, 29 pc.	6 Saw, Hacksaw, 10", 18 tpi	2 Locking Tool, Sheet Metal, 8"
3 Pliers, Slip Joint, 6"	Production Tool	2 Pliers, Locking, 7 pc.
4 Pliers, Slip Joint, 8"	2 ea. Drill & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"	Weiler
4 Pliers, Slip Joint, Thin Nose, 6"	Quick-Grip	12 Brush, Bench, 8"
6 Snips, Aviation, L. Cut, 10"	5 Clamp/Spreader, Bar, 12"	Wilton
6 Snips, Aviation, R. Cut, 10"	Ridgid	1 Vise, Angle
6 Snips, Aviation, Srt. Cut, 10"	1 ea. Wrench, Pipe: 10", 14", 18"	

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60"W Metalworking Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" T

maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes pegboard hook assortment.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155737	TC-11	Cabinet Only	\$2,427.00
558774	MWTS11-T-02	Tools Only	\$6,295.00
558843	MWTS11-CT-02	Cabinet Plus Tools	\$8,395.00
558201	MWTPPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTS11-T-02

Adjustable Clamp	Lufkin	Roper Whitney
6 ea. Clamp, C-Clamp: 4", 6"	2 Rule, Circumference, 36"	2 Seamer, Hand
American Beauty	6 Rule, Steel, 24"	Sellstrom
1 Soldering Iron, 100W	3 Rule, Steel, 36"	4 Face shield, Clear Window, Ratchet Headgear
Crescent	Lutz	Stanley
4 Wrench, Adj., 8"	6 File Cleaner	6 Awl, Scratch
2 ea. Wrench, Adj.: 10", 12"	36 File Handle, for 10" file	6 Hammer, Ball Pein, 12 oz x 13", 16 oz. x 14"
CS Osborne	Mayhew	2 Screwdriver, Std., 12"
1 ea. Rivet Set: #'s 00, 0, 1, 2, 3, 4, 5, 6	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 1"	6 ea. Screwdriver, Std.: 4", 6", 8"
General	3 ea. Punch, Ctr.: 1/4", 3/8", 1/2"	Starrett
6 Gauge, Ctr.	Nicholson	20 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi
1 Gauge, Drill	4 File, Flat Bastard, 10"	3 ea. Caliper, Inside: 6", 8"
1 Gauge, Sheet Metal	4 File, Flat Smooth, 10"	3 ea. Caliper, Outside: 6", 8"
12 ea. Rule, Steel: 6", 12"	4 File, Half Rnd. Bastard, 10"	3 Divider, 6"
Great Neck	4 File, Half Rnd. Smooth, 10"	1 Gauge, Surface
4 Hammer, Cross Pein, 3 lbs.	4 File, Mill Bastard, 10"	4 Micrometer, Outside
Hanson	4 File, Mill Second Cut, 10"	1 Square Comb. Set, 12"
1 Tap & Die, 39 pc.	4 File, Rnd. Bastard, 10"	1 VBlocks & Clamp
Irwin	4 File, Rnd. Smooth, 10"	Vise-Grip
2 Bit, Drill, HSS, 29 pc.	6 Saw, Hacksaw, 10", 18 tpi	2 Locking Tool, Sheet Metal, 8"
3 Pliers, Slip Joint, 6"	Production Tool	2 Pliers, Locking, 7 pc.
4 Pliers, Slip Joint, 8"	2 ea. Drill & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"	Weiler
4 Pliers, Slip Joint, Thin Nose, 6"	Quick-Grip	12 Brush, Bench, 8"
6 Snips, Aviation, L. Cut, 10"	5 Clamp/Spreader, Bar, 12"	Wilton
6 Snips, Aviation, R. Cut, 10"	Rigid	1 Vise, Angle
6 Snips, Aviation, Srt. Cut, 10"	1 ea. Wrench, Pipe: 10", 14", 18"	



48"W General Shop Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" T maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558200), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155355	TC-4812	Cabinet Only	\$1,926.00
558778	MWTC4812-T	Tools Only	\$5,895.00
558779	MWTC4812-CT	Cabinet Plus Tools	\$7,195.00
558200	MWTPPKG-48	14 Tote Trays	\$169.00

Complete Set of Tools for MWTC4812-T

Adjustable Clamp	Johnson	Porter-Cable
4 ea. Clamp, C-Clamp: 4", 6"	1 Bevel, Sliding T, 8"	2 Sander, Palm Grip
3 ea. Clamp, Handscrew: 6", 8"	1 Level, Alum., 24"	1 Saw, Jig, VS Orbital
American Beauty	5 Square, Try, 8"	Rigid
1 Soldering Iron, 100W	Lufkin	1 Vise, Pipe
Bosch	6 Rule, Steel, 24"	1 ea. Wrench, Pipe: 10", 14"
2 Sander, 1/2 Sheet	Lutz	Roper Whitney
Channellock	10 File Card	1 Seamer, Hand
1 Pliers, Cutting Nippers, 10"	27 File Handle, for 10" file	Stanley
Crescent	Mayhew	3 Awl, Scratch
1 ea. Wrench, Adj.: 8", 10", 12"	1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1"	2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1"
CS Osborne	2 ea. Punch, Ctr.: 3/8", 1/2"	4 Hammer, Ball Pein, 12 oz, 13"
1 Divider, Wing, 6"	Nicholson	4 Hammer, Nail, 13 oz, 13"
2 Mallet, Rubber, 13 oz.	1 File, 3 Sq. Bastard, 10"	1 Saw, Back, 14", 12 tpi
1 ea. Rivet Set: #'s 3, 4, 5, 6	1 File, Flat Bastard, 10"	2 ea. Nail Set: 1/32", 2/32", 3/32"
Desmond-Stephan	1 File, Flat Smooth, 10"	1 Plane, Bench
1 Wheel Dresser	1 File, Mill Bastard, 10"	2 Plane, Block
DeWalt	1 File, Mill Second Cut, 10"	1 Plane, Jack
3 Drill, Electric VSR, 3/8"	1 File, Mill Smooth, 10"	1 Saw, Coping, 14", 12 tpi
Footprint	1 File, Rnd. Bastard, 10"	2 Saw, Coping, 6-3/4"
2 Gauge, Marking	1 File, Rnd. Second Cut, 10"	1 ea. Screwdriver, Phil: #'s 2, 3, 4 tpi, 24 tpi
General	1 File, Rnd. Smooth, 10"	1 Screwdriver, Std., 12"
3 Countersink, 1/2"	1 File, Rnd. Second Cut, 10"	2 ea. Screwdriver, Std.: 4", 6", 8"
3 Gauge, Ctr.	1 File, Mill Smooth, 10"	1 Square, Rafter, Alum., 2" x 24"
1 Gauge, Drill	1 File, Rnd. Bastard, 10"	Starrett
6 Rule, Steel, 6"	1 File, Rnd. Second Cut, 10"	10 ea. Blade, Hacksaw, 10": 18 tpi, 24 tpi
Great Neck	1 Rasp, Half Rnd. Bastard, 10"	1 ea. Caliper, Inside: 6", 8"
1 Carving Tool, 6 pc.	12 Saw, Comp/Key, 12", 8 tpi	1 ea. Caliper, Outside: 6", 8"
1 Hammer, Cross Pein, 3 lbs.	2 Saw, Hacksaw, 10", 18 tpi	1 Comb. Sq. Set, 12"
1 Wood Turning Tool, 8 pc.	3 Saw, Handsaw, 24", 12 tpi	1 Divider, 6"
Hanson	Norton	1 Gauge, Surface
1 Tap & Die, 39 pc.	1 Stone, India Oil, 2" x 1" x 6"	2 Micrometer, Outside
Irwin	2 Stone, Slip, Fine Grit	1 VBlocks & Clamp
1 Bit, Auger, 13 pc.	Olson	Wilton
1 Bit, Drill, HSS, 13 pc.	20 Blade, Saw, Coping, 6-1/2", 15 tpi, 4/pkg.	1 Vise, Angle
2 Pliers, 6" Thin Nose	Plews	
2 Pliers, Slip Joint, 6"	2 Oiler, Bench	
1 Snips, Circular, 10"		

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60" W General Shop Cabinet

Hann Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back. Upper cabinet & doors are lined with dedicated tool holders. Lower cabinet consists of 2 adjustable shelves made of

veneercore plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes 8 tote trays (12-1/4"W x 3"H x 16-3/4"L ea.) & 10 shelf bins (4-1/8"W x 4"H x 11-5/8"L ea.).

Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
439422	TS-12	Cabinet Only	\$2,400.00
558708	MWTS12-T	Tools Only	\$5,995.00
558652	MWTS12-CTHN	Cabinet Plus Tools	\$7,995.00

Complete Set of Tools for MWTS12-T

Adjustable Clamp	Lufkin	Ridgid
4 Clamp, C-Clamp, 4"	1 Rule, Circumference	1 ea. Wrench, Pipe: 10", 14", 18"
6 Clamp, C-Clamp, 6"	12 Rule, Steel, 12"	Roper Whitney
3 ea. Clamp, Handscrew: 6", 8"	3 Rule, Steel, 24"	1 Seamer, Hand
American Beauty	1 Rule, Steel, 36"	Stanley
1 Soldering Iron, 100W	Lutz	6 Awl, Scratch
Channellock	10 File Card	2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1"
1 Pliers, Cutting Nippers, 10"	27 File Handle, for 10" file	3 ea. Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14"
Crescent	Marson	4 ea. Hammer, Nail: 13 oz. x 13", 16 x 13-1/4"
3 Wrench, Adj., 8"	2 Rivet Tool Kit	3 Nail Set, 3 pc.
2 ea. Wrench, Adj.: 10", 12"	Mayhew	2 Plane, Bench
CS Osborne	1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1"	4 Plane, Jack
1 Divider, Wing, 6"	1 ea. Punch, Ctr.: 3/8", 1/2"	2 Saw, Back, 14", 12 tpi
2 Mallet, Black Rubber, 13 oz.	Nicholson	6 Saw, Coping, 6-3/4"
Desmond-Stephan	1 File, 3 Sq. Bastard, 10"	2 Screwdriver, Phil.: #s 0, 3
1 Wheel Dresser	2 File, Flat Bastard, 10"	2 ea. Screwdriver, Phil.: #s 1, 2
Eklind	2 File, Flat Smooth, 10"	2 ea. Screwdriver, Std.: 4", 6", 8"
1 Wrench, Hex Key, Frac, 18 pc.	2 File, Half Rnd. Bastard, 10"	1 Spoke Shave
Footprint	2 File, Half Rnd. Smooth, 10"	2 Square, Rafter, Alum, 2" x 24"
2 Gauge, Marking	2 File, Mill Bastard, 10"	1 Square, Steel, 1-1/2" x 12"
General	2 File, Mill Second Cut, 10"	Starrett
1 Carving Tool, 6 pc.	2 File, Mill Smooth, 10"	10 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi
1 Countersink, 1/2"	2 File, Rnd. Bastard, 10"	2 Caliper, Inside, 6"
3 Gauge, Ctr.	2 File, Rnd. Second Cut, 10"	1 Caliper, Outside, 8"
1 Gauge, Drill	2 File, Rnd. Smooth, 10"	2 Divider, 6"
6 Rule, Steel, 6"	3 Rasp, Flat Bastard, 10"	1 Gauge, Surface
Great Neck	2 Rasp, Half Rnd. Bastard, 10"	2 Micrometer, Outside
2 Hammer, Cross Pein, 3 lbs.	2 Saw, Comp./Key., 12", 8 tpi	1 Square, Comb., 12"
Hanson	3 Saw, Hacksaw, 10", 18 tpi	1 V Blocks & Clamp
1 Tap & Die, 39 pc.	4 Saw, Handsaw, 24", 12 tpi	Steelex
Irwin	Norton	1 Bit, Drill, 115 pc.
1 Bit, Auger, 13 pc.	1 Stone, India Oil, 2" x 1" x 6"	Two Cherries
4 Pliers, Slip Joint: 6"	2 Stone, Slip, Medium Grit	3 Blade, Scraper, 3 pc.
4 Pliers, Slip Joint: 8"	Olson	Wilton
2 Pliers, Slip-Joint, Thin, Nose, 6"	20 Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg.	1 Vise, Angle
3 Snips, Aviation, L., 10"	Plews	
3 Snips, Aviation, R., 10"	3 Oiler, Bench	
3 Snips, Aviation, Srt., 10"	Production Tool	
Johnson	1 ea. Dnll & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"	
2 Bevel, Sliding T, 8"	Quik-Grip	
1 Level, Alum., 24"	5 Clamp, Bar, 24"	
6 Square, Try, 8"		
Kunz		
1 Scraper, Cabinet		



60" W General Shop Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" T

maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155804	TC-12	Cabinet Only	\$2,230.00
558708	MWTS12-T	Tools Only	\$5,995.00
558909	MWTS12-CT	Cabinet Plus Tools	\$7,995.00
558201	MWTTPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTS12-T

Adjustable Clamp	Lufkin	Ridgid
4 Clamp, C-Clamp, 4"	1 Rule, Circumference	1 ea. Wrench, Pipe: 10", 14", 18"
6 Clamp, C-Clamp, 6"	12 Rule, Steel, 12"	Roper Whitney
3 ea. Clamp, Handscrew: 6", 8"	3 Rule, Steel, 24"	1 Seamer, Hand
American Beauty	1 Rule, Steel, 36"	Stanley
1 Soldering Iron, 100W	Lutz	6 Awl, Scratch
Channellock	10 File Card	2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1"
1 Pliers, Cutting Nippers, 10"	27 File Handle, for 10" file	3 ea. Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14"
Crescent	Marson	4 ea. Hammer, Nail: 13 oz. x 13", 16 x 13-1/4"
3 Wrench, Adj., 8"	2 Rivet Tool Kit	3 Nail Set, 3 pc.
2 ea. Wrench, Adj.: 10", 12"	Mayhew	2 Plane, Bench
CS Osborne	1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1"	4 Plane, Jack
1 Divider, Wing, 6"	1 ea. Punch, Ctr.: 3/8", 1/2"	2 Saw, Back, 14", 12 tpi
2 Mallet, Black Rubber, 13 oz.	Nicholson	6 Saw, Coping, 6-3/4"
Desmond-Stephan	1 File, 3 Sq. Bastard, 10"	2 Screwdriver, Phil.: #s 0, 3
1 Wheel Dresser	2 File, Flat Bastard, 10"	2 ea. Screwdriver, Phil.: #s 1, 2
Eklind	2 File, Flat Smooth, 10"	2 ea. Screwdriver, Std.: 4", 6", 8"
1 Wrench, Hex Key, Frac, 18 pc.	2 File, Half Rnd. Bastard, 10"	1 Spoke Shave
Footprint	2 File, Half Rnd. Smooth, 10"	2 Square, Rafter, Alum, 2" x 24"
2 Gauge, Marking	2 File, Mill Bastard, 10"	1 Square, Steel, 1-1/2" x 12"
General	2 File, Mill Second Cut, 10"	Starrett
1 Carving Tool, 6 pc.	2 File, Mill Smooth, 10"	10 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi
1 Countersink, 1/2"	2 File, Rnd. Bastard, 10"	2 Caliper, Inside, 6"
3 Gauge, Ctr.	2 File, Rnd. Second Cut, 10"	1 Caliper, Outside, 8"
1 Gauge, Drill	2 File, Rnd. Smooth, 10"	2 Divider, 6"
6 Rule, Steel, 6"	3 Rasp, Flat Bastard, 10"	1 Gauge, Surface
Great Neck	2 Rasp, Half Rnd. Bastard, 10"	2 Micrometer, Outside
2 Hammer, Cross Pein, 3 lbs.	2 Saw, Comp./Key., 12", 8 tpi	1 Square, Comb., 12"
Hanson	3 Saw, Hacksaw, 10", 18 tpi	1 V Blocks & Clamp
1 Tap & Die, 39 pc.	4 Saw, Handsaw, 24", 12 tpi	Steelex
Irwin	Norton	1 Bit, Drill, 115 pc.
1 Bit, Auger, 13 pc.	1 Stone, India Oil, 2" x 1" x 6"	Two Cherries
4 Pliers, Slip Joint: 6"	2 Stone, Slip, Medium Grit	3 Blade, Scraper, 3 pc.
4 Pliers, Slip Joint: 8"	Olson	Wilton
2 Pliers, Slip-Joint, Thin, Nose, 6"	20 Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg.	1 Vise, Angle
3 Snips, Aviation, L., 10"	Plews	
3 Snips, Aviation, R., 10"	3 Oiler, Bench	
3 Snips, Aviation, Srt., 10"	Production Tool	
Johnson	1 ea. Dnll & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"	
2 Bevel, Sliding T, 8"	Quik-Grip	
1 Level, Alum., 24"	5 Clamp, Bar, 24"	
6 Square, Try, 8"		
Kunz		
1 Scraper, Cabinet		

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36"W Power Tool Cabinet

Shain Cabinet of hard maple framing with maple veneer. 2 fixed, 4 adjustable full-width shelves (15-7/8"D). 3-point locking doors. Earth-friendly UV finish. Shipped set up.

Overall size 36"W x 22"D x 84"H.

Cabinet Only

Stk.	Mfr.	Price
155473	GSC-36	\$1,095.00

Cabinet w/Basic Tools

Stk.	Mfr.	Price
558308	MWPTC-2	\$3,295.00

Cabinet w/Deluxe Tools

Stk.	Mfr.	Price
558307	MWJR3I	\$5,595.00

Complete Set of Tools for MWPTC-2

Bosch	1 ea. Blade, Saw, Circular, CT:	Porter-Cable	1 Router, 1-3/4 HP
1 Sander, 1/2 Sheet	7" x 40 tpi, 7-1/4" x 24 tpi,	1 Router, Laminate Trimmer	
DeWalt	7-1/4" x 40 tpi	2 Sander, Belt, 3" x 24"	
2 Drill, Electric, VSR, 3/8"	Morse	1 Sander, Palm Grip	
1 Saw, Circular, Electric, 7-1/4"	5 ea. Blade, Saw, Jig, Bi-Metal,	1 ea. Sanding Roll, 4-1/2" x 10 yd:	
Freud	3" x 3/8": 6, 10, 14 tpi	80, 100, 180 grit	
1 Bit, Router, 9 pc.	Norton	1 Saw, Jig, VS Orbital	
Irwin	10 ea. Sanding Belt, Openkote,		
1 Bit, Drill, HSS, 13 pc.	3" x 24": 40, 60, 80, 120 grit		
1 Bit, Spade, 6", 6 pc.			

Complete Set of Tools for MWJR3I

Bosch	3 ea. Bit, Router, HSS: 1 1/16"	Makita	2 Saw, Jig, VS	Porter-Cable	1 ea. Router, Guide, Template:
	Cove, 1/4" & 1/2" Straight,	Morse	2 Blade, Saw, Jig, 5 pc.		3/8", 5/16", 1/2", 7/16",
	15/16" Round Over, 1-1/2"	Norton	10 ea. Sanding Belt, 3" x 21": 40,		3/4", Lock Nut
	V-Grooving		60, 120 grit		1 Router, 1-3/4 HP
2 ea. Blade, Saw, Jig, Carbon, 5/			10 ea. Sanding Belt, 3" x 24": 60,		1 Router, Guide, Edge
pkg.: 4" x 6 tpi, 4" x 10 tpi,			120 grit		1 ea. Sander, Belt: 3" x 21",
3" x 14 tpi			10 ea. Sanding Belt, 4" x 24": 40,		VS 3" x 24", 4" x 24"
2 Drill, Cordless, 3/8", 12V			60, 120 grit		Vermont American
2 Drill, Electric, VSR, 3/8"			12 ea. Sanding Sheet, 4-1/2" x 11":		2 Cutter, Plug 3 pc.
1 Router, 2-1/4 HP			100, 150 grit		3 Drill bit, Countersink 4 pc.
1 Sander, 1/2 sheet			18 Sanding Sheet, 4-1/2" x 11":		
1 Saw, Jig, VS Orbital			60 grit		
Irwin					
3 Bit, Spade, 6", 6 pc.					



60"W Building Trades Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" T

maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155491	TC-26	Cabinet Only	\$2,755.00
558317	MWBT26-T	Tools Only	\$3,495.00
558315	MWBT26-CT	Cabinet Plus Tools	\$5,995.00
558201	MWTPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWBT26-T

Acme	2 Level, Alum., 24"	2 Chalk Refill, Blue, 8 oz.
2 Scissors, Srt. Trimmer, 8"	1 Level, Mahogany, 24"	8 Hammer, Crv. Claw, 16 oz., 13-1/4"
Buck Brothers	2 Plumb Bob, 8 oz.	2 Hammer, Framing, 22 oz., 16"
2 Chisel, 1/2"	Lisle	1 Hammer, Rip Claw, 16 oz., 13-1/4"
Channellock	1 Tester, Continuity	4 Hammer, Utility, Retractable
2 Pliers, Lineman's, Rnd. Nose, 7"	Lufkin	1 Nail Set, 3 pc.
2 Pliers, Long Nose, 6"	6 Ruler, Alum., 36"	2 Plane, Block
5 Wire Stripper, 8-1/4"	Marshalltown	2 Knife, Putty, Stiff
Crescent	2 Chisel, Brick	2 Knife, Utility, Retractable
1 Wrench, Adj., 10"	4 Hammer, Brick	1 Nail Set, 3 pc.
CS Osborne	2 Jointer, Brick	2 Plane, Block
2 Mallet, Hick, Srt. Side, 2" x 4"	2 Masonry Line, 500'	6 Rule, Tape, 1/2" x 12'
Gardner Bender	4 Trowel, Brick	2 Saw, Back, 14", 12 tpi
3 Ripper, Cable	4 Trowel, Pointing	2 Saw, Compass, 12", 8 tpi
General	Mayhew	2 Saw, Coping, 4-3/4"
2 Compass, Pencil, 8"	2 Chisel, Cold, 1/2"	4 Saw, Hacksaw, Mini, 10", 24 tpi
2 Punch, Centering	Nicholson	8 Square, Comb., 12"
Great Neck	6 File, 8"	9 Square, Rafter, Alum., 2" x 24"
2 Pry Bar, Utility, 15"	2 Saw, Handsaw, 20", 8 tpi	2 Surform, Pocket, 5-1/2"
5 ea. Screwdriver, Phil: #'s 1, 2	6 Saw, Handsaw, 24" x 12 tpi	2 Tape, Steel, 100'
5 ea. Screwdriver, Std: 3", 4", 6"	Ridgid	Starrett
Irwin	1 Cutter, Pipe	2 Divider, 8"
1 Bit, Auger, 13 pc.	4 Cutter, Tubing	Woods
1 Bit, Drill, HSS, 13 pc.	4 Wrench, Pipe, 10"	2 Extension Cord, 14/3, 25'
1 Bit, Speedbor, 6 pc.	Skil	
2 Pliers, Slip Joint, 6"	2 Drill, Electric, VSR, 3/8"	
2 Snips, Aviation, L, 10"	Stanley	
Johnson	6 Awl, Scratch	
4 Bevel, Sliding T, 8"	2 Chalk Line Reel	

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60"W Electricity Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels mounted w/hinges. Earth-

friendly UV finish. Shipped set up.

Overall size 60"W x 84"H x 22"D.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155485	TC-13	Cabinet Only	\$2,612.00
559109	MWTC13-T	Tools Only	\$4,895.00
558910	MWTC13-CT	Cabinet Plus Tools	\$6,995.00
558201	MWTPPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTC13-T

Adjustable Clamp	General	Norton
6 ea. Clamp, C-Clamp: 2", 3", 4"	2 Countersink, 1/2"	4 Sanding, Block
Blackhawk	1 Drill Stop, 6 pc.	1 Stone, Oil, India, 2" x 1" x 6"
1 Wrench, Comb., Frac., 14 pc.	Great Neck	Stanley
Buck Brothers	2 Screwdriver, Offset, Comb., #2	2 ea. Screwdriver, Phil.: #s 2, 3, 4
1 ea. Chisel: 1/4", 1/2", 3/4", 1"	Hanson	4 Awl, Scratch
Channellock	1 Tap & Die, 39 pc.	1 ea. Hammer, Ball Pein:
1 Cutter, Cable, 9-1/2"	Irwin	8 oz. x 12-1/4", 12 oz. x 13",
8 Pliers, Lineman's, Rnd. Nose, 7"	1 Bit, Drill, Auger, 13 pc.	16 oz. x 14"
8 Pliers, Long Nose, 6"	1 Bit, Drill, HSS, 15 pc.	2 Hammer, Nail, Crv. Claw,
1 Pliers, Tongue & Groove, 10"	1 Bit, Drill, Spade, 6", 6 pc.	16 oz., 13-1/4"
3 Wring Tool, 8-1/4"	1 Screw Extractor, 5 pc.	2 Hammer, Soft Face, 16 oz.,
Crescent	3 Snips, Circular, 7"	13-1/2"
8 Pliers, Diagonal, 6"	2 Snips, Srt., 10"	1 Level, Alum., 24"
4 Wrench, Adj., 4"	Jet	4 Nail Set, 3 pc.
2 ea. Wrench, Adj.: 6", 8"	1 Cutter, Bolt, 5/16"	1 Plane, Bench
CS Osborne	Johnson	1 Plane, Block
2 Hammer, Uphol., 7-1/2 oz.	1 Bevel, Sliding T., 8"	1 Saw, Compass, 12", 8 tpi
1 Mallet, Black Rubber, 30 oz.	2 Square, Try, 8"	2 Screwdriver, Cab. Tip, 6"
1 Mallet, Hick, Barrel, 2-1/2" x 5-1/2"	Lisle	3 ea. Screwdriver, Cab. Tip: 3", 4"
1 Wing Divider, 6"	6 Rule, Steel, 12"	3 Screwdriver, Phil., #1
Dremel	Lutz	8 Screwdriver, Std., 1-3/4" Stub.
4 Multi-Vise	2 File Card	8 Screwdriver, Std., 4"
Eklind	Mayhew	1 Screwdriver, Std., 6"
1 Wrench, Hex Key, Frac., 18 pc.	1 ea. Chisel, Cold: 3/8", 1/2", 5/8"	3 ea. Screwdriver, Std.: 6", 8"
3 Wrench, Hex Key, T-Handle, Frac. 6", 8 pc.	2 Punch, Ctr., 3/8"	1 Square, Comb., 12"
Footprint	2 ea. Punch, Pin: 1/8", 3/16"	1 Square, Steel, 12"
1 Gauge, Marking	Milwaukee	Starrett
Gardner Bender	1 Drill, Cordless 18V	2 Punch, Ctr., 5/32"
1 Cable Ripper	Nicholson	Weller
6 Knife, Pocket, 3-3/4"	8 File Handle, for 10" file	8 Soldering Gun
3 Multimeter	2 File, 5-1/2", 6 pc.	4 ea. Soldering Iron: 80W, 175W
2 Terminal Kit	2 File, Mill, Bastard, 10"	Wiss
	2 File, Mill, Second Cut, 10"	2 Snips, Compound, Srt., 9-3/4"
	2 File, Mill, Smooth, 10"	Xcelite
	2 Rasp, Half Rnd., 10"	2 Nut Driver, 7 pc.
	1 Saw, Comp./Key., 12", 8 tpi	
	2 Saw, Hacksaw, 10", 18 tpi	

Attach Tall Storage Cabinets to the wall for added safety.



60"W Small Engine Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155488	TC-16	Cabinet Only	\$2,368.00
559115	MWTS16-T	Tools Only	\$4,695.00
559114	MWTS16-CT	Cabinet Plus Tools	\$6,795.00
558201	MWTPPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTS16-T

Armstrong	Hanson	Stanley
2 Wrench, Ignition, 9 pc.	1 Tap & Die, 24 pc.	1 Hammer, Ball Pein, 13", 12 oz.
Blackhawk	Irwin	1 Hammer, Soft Face, 13-1/2", 16 oz.
1 Wrench, Comb., Frac., 17 pc.	2 Pliers, Slip Joint, 6"	2 Knife, Putty, Stiff
1 Wrench, Comb., Met., 17 pc.	1 Pliers, Slip-Joint, Thin Nose, 6"	2 ea. Screwdriver, Phil.: #s 0, 1, 2, 3, 4, 2 Stb.
1 ea. Wrench, Torque: 3/8D, 1/2D	Lisle	2 ea. Screwdriver, Std.: 3", 4", 6", 8", 10", 12", 1-3/4" Stb.
Briggs & Stratton	1 Spark Plug, Gapper	Starrett
1 Small Engine Tool Kit	1 Spark Plug, Tap	1 Tachometer
Channellock	Mayhew	Stewart-Warner
1 Pliers, Tongue & Groove, 10"	1 ea. Chisel, Cold: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1"	1 Gauges, Telescope, 4 pc.
1 Pliers, Tongue & Groove, 6-1/2"	3 ea. Punch, Ctr.: 1/4", 3/8", 1/2"	Stewart-Warner
Crescent	2 ea. Punch, Pin: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"	1 Tachometer
2 ea. Wrench, Adj.: 6", 10"	1 ea. Punch, Solid: 1/8", 3/16", 1/4", 5/16", 3/8"	Vise-Grip
1 ea. Pliers, Diagonal: 6", 7", 4" Oval Head	OEM	1 ea. Pliers, Long Nose, Locking: 4", 6", 9"
1 ea. Pliers, Long Nose, Chain: 6", 7"	1 Puller, Pulley	Weiler
1 Pliers, Long Nose, Thin, 5"	Plews	1 Brush, Parts Cleaning
1 Pliers, Needle Nose, Crv., 6"	2 Oiler, Bench	1 Brush, Wire
1 Pliers, Needle Nose, Thin, 6-1/2"	Pratt-Read	Weiler
CS Osborne	1 ea. Screwdriver, Torx: T#s 10 x 3", 15 x 3", 20 x 3", 25 x 3", 27 x 4", 30 x 4"	1 Soldering Gun
1 Mallet, Black Rubber, 13 oz.	Proto	Zim
Eklind	1 Hammer, Brass, 1.5 lbs.	1 Cleaner, Groove
2 Wrench, Hex Key, Frac., 18 pc.	1 Pliers, Retaining Ring, 12 pc.	1 Compressor, Piston Ring, 1-3/4"-4-1/2"
GearWrench	1 Puller, 7"	1 Expander, Piston Ring, 1-1/4"-2-1/4"
1 Socket, Adapter, 10 pc.	Ridgid	1 Expander, Piston Ring, 2"-4"
1 Socket, Hex Bit, 10 pc.	1 Cutter, Tubing	1 Hone, Cylinder, 7-3/4"
1 Socket, Met., 3/8"D, 12-pt., 57 pc.	1 Flaring Tool	1 Puller, Gear
1 Socket, Std., 1/4"D, 12-pt., 51 pc.	1 Wrench, Pipe, 10"	1 Reamer, Ridge
1 Socket, Torx Bit, 13 pc.	1 Wrench, Strap	1 Valve, Compressor
Greene		1 Valve, Grinder
2 Small Engine Stand		1 Valve, Refacing Lathe

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60"W Welding Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels

mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes assorted pegboard hooks.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155487	TC-15	Cabinet Only	\$2,263.00
559112	MWTC15-T	Tools Only	\$3,595.00
559178	MWTC15-CT	Cabinet Plus Tools	\$5,595.00
558201	MWTPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTC15-T

Adjustable Clamp	Johnson	6	Welding Lens, Shade 10, 2" x 4-1/4"		
1 ea. Clamp, C-Clamp, Welder's: 5-3/4", 7-5/8"	2	Square, Bevel, 8"	24	Welding Plate Goggles, Shade 5, 2" x 4-1/4"	
2 ea. Clamp, C-Clamp: 8", 10"	Lutz	2	File Card		
American Beauty	3	File Handle, for 10" file	Shur-lite	2	Flint Lighter
1 Soldering Iron, 200W	3	File Handle, for 12" file	4	Flint Renewal 5/pkg.	
Anchor	Mayhew	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 7/8", 1"	Stanley	2	Screwdriver, Phil: #'s 1, 2
2 Tip Cleaner	4	Punch, Ctr.: 1/4", 3/8", 1/2"	1	Hammer, Ball Pein, 32 oz., 16"	
Crescent	1	Punch, Pin: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"	2	Hammer, Ball Pein: 8 oz. x 12-1/4", 12 oz. x 13", 16 oz. x 14", 24 oz. x 15"	
1 ea. Wrench, Adj.: 10", 12"	Miller	1	Punch, Solid: 1/8", 1/4", 3/8"	2	Screwdriver, Std.: 3", 4", 6", 8", 10", 12"
Eklind	1	Welder, AC Arc, 225V	Starrett	12	Scriber, Pocket, Steel
1 Wrench, Hex Key, Frac., 9 pc.	Morse	10	Blade, Hacksaw, Bi-Metal, 10", 32 tpi	1	VBlocks & Clamp
Firepower	1	Welder, Oxy-Acetylene	Nicholson	1	Apron, Bib, 24" x 36"
1 Soapstone Holder	1	Welder, Oxy-Acetylene	1	Apron, Bib, 24" x 42"	
2 Welding Soapstone, 5 pc.	1	Welder, Oxy-Acetylene	1	Apron, Split Leg, 24" x 42"	
Forney	1	Welder, Oxy-Acetylene	Steiner	3	Clamp, C-Clamp, Locking, Swivel Pad, 11"
2 Braze Flux, 1/2 lb.	1	Welder, Oxy-Acetylene	3	Pliers, Locking, Srt. Jaw, 10"	
3 Hammer, Chipping w/brush, 1.3 lbs., 12"	1	Welder, Oxy-Acetylene	Vise-Grip		
3 Hammer, Chipping, 9 lbs., 10-1/2"	1	Welder, Oxy-Acetylene			
1 Welder, Oxy-Acetylene	1	Welder, Oxy-Acetylene			
General	12	Rule, Steel, 12"			
12 Rule, Steel, 12"	1	Welder, Oxy-Acetylene			
Irwin	1	Screw, Extractor: 3/32"-5/32", 5/32"-7/32", 3/8"-5/8", 5/8"-7/8"			
1 ea. Screw, Extractor: 3/32"-5/32", 5/32"-7/32", 3/8"-5/8", 5/8"-7/8"	2	Saw, Hacksaw, 10", 18 tpi			
2 ea. Screw, Extractor: 7/32"-9/32", 9/32"-3/8"	6	Welding Hand Shield, Shade 10			
	6	Welding Helmet, Lift front, 2" x 4-1/4"			



60"W Automotive Cabinet

Shain Cabinet is constructed of solid maple framing with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels

mounted w/hinges. Earth-friendly UV finish. Shipped set up.

Overall size 60" x 22"D x 84"H.

Includes pegboard hook assortment.

Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.

Stk.	Mfr.	Item	Price
155871	TC-14	Cabinet Only	\$2,853.00
559110	MWTS14-2T	Tools Only	\$5,495.00
559177	MWTS14-2CT	Cabinet Plus Tools	\$7,395.00
558201	MWTPKG-60	19 Tote Trays	\$229.00

Complete Set of Tools for MWTS14-2T

Armstrong	3	Pliers, Slip-Joint, Cutter, 10"	1	Puller, Slide Hammer, 27"	
2 Wrench Ignition, 9 pc.	2	Screw Extractor, 6 pc.	1	Scraper, Carbon	
1 Wrench Tappet, 8 pc.	1	Snips, Aviation, Srt. Cut, 10"	1	Scraper, Gasket	
Blackhawk	Lisle	2	Brake, Adjusting Tool	1	Socket, Ratchet Attachment, 1/2"D, 2-1/2"
2 Wrench, Comb, Frac., 17 pc.	1	Brake, Bleeder Tool	1	Socket, Screwdriver: 3/4", 5/16"	
2 Wrench, Comb, Met., 17 pc.	1	Brake, Spring Tool	1	Socket, Univ., 12-pt., 1/2"D: 1/2", 9/16", 1/2"D, 5/8"	
1 Wrench, Torque, 1/2D, 20.8"	2	Brake, Spring Washer Tool	1	Socket, Wrench, Obstruction Box: 7/16" x 1/2", 9/16" x 5/8", 5/8" x 3/4"	
Channellock	1	Compressor, Ring	Ridgid	1	Wrench, Pipe: 10", 14"
2 Pliers, Diagonal Cut, 6"	2	Gauge, Mini Feeler	Stanley	1	Hammer, Ball Pein: 4 oz. x 10-7/8", 8 oz. x 12-1/4", 12 oz. x 13", 16 oz. x 14", 24 oz. x 15", 32 oz. x 16"
3 Pliers, Tongue & Groove, 10"	6	Pliers, Brake Spring	3	Hammer, Nail, Crv. Claw, 16 oz., 13-1/4"	
Crescent	2	Pliers, Lock Ring	3	Hammer, Nail, Rip. Claw, 16 oz., 13-1/4"	
3 Pliers, Needle Nose, 6-1/2"	1	Puller, Battery Terminal	2	Hammer, Soft Face, 16 oz., 13-1/2"	
2 ea. Wrench, Adj.: 6", 8", 10", 12"	1	Puller, Pitman Arm	3	Hammer, Soft Face, 8 oz., 12"	
CS Osborne	2	Spark Plug Gapper	2	Screwdriver, Cab: 3", 4"	
2 Hammer, Riveting, 16 oz.	1	Wrench, Oil Filter	5	Screwdriver, Phil, #2	
1 Mallet, Black Rubber, 13 oz.	Master Mechanic	1	Screwdriver, Torx, 5 pc.	2	Screwdriver, Phil: #'s 0, 1, 3, 4
Custom	Mayhew	2	Chisel, Cold: 3/8", 1/2", 3/4", 1"	2	Screwdriver, Std, Sq. Blade: 4", 6", 8"
1 Wrench, Cross Rim, 20"	2	Chisel, Cold: 3/8", 1/2"	1	Screwdriver, Std.: 3", 4", 6", 8"	
GearWrench	2	Punch, Ctr.: 3/8", 1/2"	1	Wrecking Bar 3/4 x 24"	
1 Socket, 1/2D, 12-pt., 49 pc.	2	Punch, Pin: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4"	Wiss	1	Snips, Srt., 16-1/2"
1 Socket, 1/4D, 12-pt., 51 pc.	1	Punch, Pin: 5/16", 3/8"	Zim	1	Puller, Gear
1 Socket, 3/8D, 12-pt., 57 pc.	Nicholson	1	File, Ignition, 5"		
1 Socket, Impact, 1/2D, 19 pc.	OEM	1	Puller, Bearing		
3 ea. Socket, Spark Plug, 3/8D: 13/16" & 5/8"	1	Puller, Pulley			
1 ea. Socket, Speed Handle: 1/4D, 1/2D & 3/8D	1	Puller, Tie Rod			
2 Socket, Torx, 13 pc.	1	Wedge, Pitman Arm			
2 Wrench, Box End, Ratch, 4 pc.	OTC	1	Compression Tester Kit		
1 Wrench, Flare Nut, Frac, 6 pc.	1	Digital Engine Analyzer			
1 Wrench, Flare Nut, Met, 6 pc.	1	Digital Multimeter			
General	1	Inductive Timing Light			
1 Cutter, Tubing	1	Remote Starter Switch			
1 Pipe Flaring Tool	1	Vacuum & Pressure Tester			
1 Puller, Cotter Pin	Proto	4	Gauge, Feeler, 25 pc.		
Great Neck	1	Puller, Gear: 4", 10"			
3 Screwdriver, Offset Comb.					
Irwin					
12 Pliers, Slip Joint, 6"					
12 Pliers, Slip Joint, 8"					

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Attach Tall Storage Cabinets to the wall for added safety.



School Tote Trays
Shirley K's Sturdy, high-impact plastic trays are unbreakable in normal use. Lightweight trays are easy-to-handle and soil resistant. High gloss finish cleans easily with mild soap. Front card holder. Tan.

1 Compartment

Stk.	Mfr.	Size	Qty.	Price
405500	T100	9"W x 4-3/8"H x 19"L	1	\$15.70
405501	T101	13-1/8"W x 3-1/2"H x 16-5/8"L	1	\$15.90
405502	T102	13-3/4"W x 4-3/8"H x 19"L	1	\$16.10
405503	T103	11-1/2"W x 4-1/4"H x 18"L	1	\$17.00
405505	T133	10-1/2"W x 4-3/8"H x 13-1/2"L	1	\$15.10
405520	T188	14-1/4"W x 3-1/2"H x 19"L	1	\$16.50

3 Compartments

Stk.	Mfr.	Size	Qty.	Price
405510	T152	5-1/2"W x 2-1/2"H x 10-1/2"L	1	\$10.50

14-Piece Tote Tray Set

Shain 3 each 19"L x 9"W x 4-3/8"H (1-compartment tray). 4 each 19"L x 13-3/4"W x 4-3/8"H (1-compartment tray). 7 each 10-1/2"L x 5-1/2"W x 2-1/2"H (3-compartment tray).

Includes 3 ea. T100, 4 ea. T102, 7 ea. T152.

Stk.	Mfr.	Item	Price
558200	MWTPPKG-48	14 Tote Trays	\$169.00

19-Piece Tote Tray Set

Shain 3 each 19"L x 9"W x 4-3/8"H (1-compartment tray) 6 each 19"L x 13-3/4"W x 4-3/8"H (1-compartment tray) 10 each 10-1/2"L x 5-1/2"W x 2-1/2"H (3-compartment tray)

Includes 3 ea. T100, 6 ea. T102, 10 ea. T152.

Stk.	Mfr.	Item	Price
558201	MWTPPKG-60	19 Tote Trays	\$229.00



Tote Tray Rails
Shirley K's Aluminum rails designed to attach to tables and desks for tray storage. Pre-drilled mounting holes. Allows storage tray to perform like a removable drawer. Easy to clean and disinfect.

Shown w/Tote Tray & table, sold separately.

Stk.	Mfr.	Size	Qty.	Price
405480	RI5	15"L	2	\$11.20



Tote Tray Support Panels
Shirley K's Plastic support panel designed to install into casework or cabinets. Once installed, the placement of multiple trays easily glide into the grooves of the panels. Made of high impact polystyrene with a high gloss finish. Easy to clean and disinfect. Tan colored.

Stk.	Mfr.	Size	Qty.	Price
405490	P1028	21-1/4"D x 27"H	1	\$24.10
405491	P1029	21-1/4"D x 29-3/4"H	1	\$25.60

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DRAFTING & DRAWING



Drafting Supply Cabinet
Shain Cabinet is constructed of solid maple framing with maple veneer. 3-point locking doors. Upper shelf provides extra storage. Center area holds T-squares (sold separately) & 8 totes. Lower area stores 18" x 24" drawing boards. Earth-friendly UV finish. Shipped set up.

Includes 8 totes & T-square brackets.

Tools shown in cabinet may vary.

24 Students Overall size 48"W x 22"D x 84"H.

Stk.	Mfr.	Item	Price
155134	DTC-24	Cabinet Only	\$1,983.00
196191	MS-24S	Supplies Only	\$2,198.00
558439	MWDCI	Cabinet Plus Supplies	\$3,925.00

36 Students Overall size 60"W x 22"D x 84"H.

Stk.	Mfr.	Item	Price
155195	DTC-36	Cabinet Only	\$2,185.00
196192	MS-36S	Supplies Only	\$3,278.00
558441	MWDC2	Cabinet Plus Supplies	\$5,295.00

Complete Set of Tools for MS-24S

Alvin	36	Eraser, Rub Gum	24	Tape, Drafting, 3/4"	
36	Compass/Divider, Pencil, 6"	24	Erasing Shield, Steel	24	Triangle, 30/60, 10"
24	Curve, Irregular, 8"	12	Pencil, Drawing, 2H, 12/pkg.	24	Triangle, 45/90, 8"
24	Drawing Board, 18" x 24"	12	Pencil, Drawing, 4H, 12/pkg.	24	T-Square, Transparent, 24"
2	Drawing Paper, Buff, Ream, 12" x 18"	24	Pointer, Lead		
		24	Protractor, Solid, 6"		
2	Drawing Paper, Green, Ream, 12" x 18"	24	Scale, Triangular Architect, 12"		
		24	Sketching/Drawing Book		

Complete Set of Tools for MS-36S

Alvin	60	Eraser, Rub Gum	36	Tape, Drafting, 3/4"	
36	Compass/Divider, Pencil, 6"	36	Erasing Shield, Steel	36	Triangle, 30/60, 10"
36	Curve, Irregular, 8"	18	Pencil, Drawing, 2H, 12/pkg.	36	Triangle, 45/90, 8"
36	Drawing Board, 18" x 24"	18	Pencil, Drawing, 4H, 12/pkg.	36	T-Square, Transparent, 24"
3	Drawing Paper, Buff, Ream, 12" x 18"	36	Pointer, Lead		
		36	Protractor, Solid, 6"		
3	Drawing Paper, Green, Ream, 12" x 18"	36	Scale, Triangular Architect, 12"		
		36	Sketching/Drawing Book		



Drawing Supply Cabinets
Hann Provides a complete facility for storing drafting materials for students. Specially designed hooks and holders mounted in the cabinet provide both adequate storage and visual check by the instructor. Drawing boards are stored vertically in slots along the bottom row. Master-keyed locks included. Constructed of hard maple face framing. All members are glued and stapled to one another forming a strong, interconnected cabinet. Natural finish. Shipped set up.

Cabinet does not include supplies. Cabinet should be secured to the wall for safety. Mounting hardware not included.

Stk.	Mfr.	Item	Overall Size	Price
439290	DC-1	24-Students	48"W x 22"D x 84"H	\$1,824.00
439291	DC-2	36-Students	60"W x 22"D x 84"H	\$2,016.00

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Drawing/Drafting Storage Cabinets

Hann Provides storage for drawing boards and T-squares. Upper area includes plastic tote trays w/label holder. Constructed of hard maple face framing with hardwood paneling. All members are glued and stapled to one another forming a strong, inter-connected cabinet. Master keyed locks included. Natural finish. Shipped set up.

Drawing boards & T-squares, sold separately. Cabinet should be secured to the wall for safety. Mounting hardware not included.

Storage for 24 T-squares & 24 drawing boards. Size 48"W x 22"D x 84"H.

Stk.	Mfr.	Trays	Tray Size	Price
439292	DC-5	24	13-1/4"W x 19"D x 3-1/2"H	\$1,840.00

Storage for 36 T-squares & 36 drawing boards. Size 60"W x 22"D x 84"H.

Stk.	Mfr.	Trays	Tray Size	Price
439293	DC-5-36	36	13-1/4"W x 19"D x 3-1/2"H	\$2,080.00



Paper/Drawing Board Storage

Shain Maple plywood cabinet offers ample horizontal storage space for 25 (20" x 26") drafting boards and paper. Max. weight per slot is 2.5 lbs. Fiberboard dividers. 3-point locking doors. Earth-friendly UV finish.

Cabinet should be secured to the wall for safety. Mounting hardware not included.

Stk.	Mfr.	Size	Price
155531	DBC-1	32"W x 22"D x 84"H	\$1,135.00

Paper Storage Cabinet



Shain Blueprint and paper maple plywood cabinet with 7 pull-out shelves (inside dimensions 41"W x 24"D x 3"H ea.) and easy-to-handle finger slots. Laminate top (50"W x 30"D x 1-1/4"H). Earth-friendly, UV finish. Light assembly required.

Stk.	Mfr.	Overall Size	Price
155530	DPSC-50	50"W x 30"D x 36"H	\$1,624.00

Flat File Systems



Shain Protect and store your art work, drawings or biological collections. Flat files hold papers up to 24" x 36". Inside of drawers measure 37"W x 24-3/4"D x 1-1/2"H and feature full extension glides, dovetailed drawers, ADA compliant pulls and label holders. Up to 3 units can be stacked providing ample storage. All 3 pieces are interlocking to each other or can be independent of each other. Start with the 4" toe kick which is covered with rubber base molding. Next stack the flat files (5 drawers ea.) and for a finished look add the veneered top.

5-Drawer Flat File

Stk.	Mfr.	Description	Size WxDxH	Price
155092	FFS-3624K	Oak	40-1/2" x 27" x 17"	\$884.00
155093	FFS-3624M	Maple	40-1/2" x 27" x 17"	\$906.00

Veneered Top

155096	FFST-3624K	Oak	40-1/2" x 27" x 3/4"T	\$118.00
155097	FFST-3624M	Maple	40-1/2" x 27" x 3/4"T	\$143.00

Base

155089	FFSB-3624	Base	40-1/2" x 27" x 4"	\$298.00
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5 Drawer Plan File

Mayline Five-drawer steel plan files support up to 200 sheets per drawer. Fully-enclosed top and bottom on each file. Rear hood and front hinged flap keep drawings in place. Units can be bolted together if desired. Drawer pulls are chrome.

Please specify color: gray, black, sand beige or white. Gray will be shipped if not specified.

Drawer size 2"H x 37"W x 26"D.

Stk.	Mfr.	Item	Price
146988	7867-C	Size 46-3/4"W x 28-3/8"D x 15-3/8"H	\$1,378.00
146990	7867-W	4" Flush Base	\$300.00

Drawer size 2"H x 43"W x 32-3/4"D.

Stk.	Mfr.	Item	Price
146992	7868-C	Size 46-3/4"W x 35-3/8"D x 15-3/8"H	\$1,601.00
146993	7868-W	4" Flush Base	\$333.00

Base Legs

Stk.	Mfr.	Item	Price
146978	7890-X	Fits both cabinets. 4 legs.	\$289.00



B-Size Plan Mobile File

Mayline 8-drawer file cabinet stores up to 2,500 sheets. All-steel construction with 4 casters (2 locking, 2 non-locking) & gang lock. Sand beige.

Stk.	Mfr.	Overall Size	Price
146002	9P810	15-1/4"W x 27-3/4"D x 27-1/8"H	\$910.00

CAD Drafting Tables



Shain Solid maple framing and legs with steel corner brace construction. Earth-friendly, UV finish. Features CPU holder, keyboard tray, mouse tray and cable manager. 2-piece laminate top with

soft close adjustable top w/pencil stop (30"W x 30"D x 3/4"T) on left side and fixed top (12"W x 30"D) on the right side. Light assembly required.

Overall size 42"W x 30"D x 39-3/4"H.

Shown w/monitor arm, sold separately. Computer equipment, not included.

Quantity Savings!

Table only Ships in 5 business days! Quantity restrictions apply.

Stk.	Mfr.	Price	2 or more
155035	CDTC-70	\$1,319.00	\$1,188.00

Table w/Drawers 6 locking drawers with dovetail construction, solid maple fronts and pulls (ea. 7-1/2"W x 2-3/4"H x 16"D)

155036	CDTC-71	\$1,930.00	\$1,737.00
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Table w/Board Storage Board storage w/lock & 6 spaces (1-1/4"W x 25-1/4"H x 24-3/8"D ea.)

155037	CDTC-72	\$1,631.00	\$1,468.00
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CAD Drafting & Drawing Table

Hann Solid maple framing, aprons, legs and spreaders. Full-face frame construction is mortised and tenoned, glued and stapled. Natural

finish. CPU holder, monitor arm, keyboard tray and cable manager. Shipped set-up.

- Tilting laminate top (30"W x 30"D x 3/4"T) w/ratcheting mechanism & pencil stop
- Fixed laminate top (12"W x 30"D)
- Hand built

Overall size 42"W x 30"D x 39"H.

Shown w/computer equipment, not included.

Quantity Savings!

Table Only

Stk.	Mfr.	Qty.	Price	2 or more
439212	CDWD-66	1	\$920.00	\$829.00

Table w/CPU Cabinet & Drawer CPU cabinet with 1 dovetailed master-keyed locking drawer (6-1/4"W x 19-1/2"D x 2-3/4"H). 2-1/2" grommet & cover on fixed reference top.

439211	CDWD-65	1	\$1,208.00	\$1,087.00
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Table w/6 Drawers 6 dovetailed master-keyed locking drawers (6-1/4"W x 19-1/2"D x 2-3/4"H ea.)

439210	CDWD-61	1	\$1,320.00	\$1,188.00
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Drafting/Computer Table

SMI CPU storage area provides air circulation and cable management. Table offers an adjustable monitor stand and keyboard tray with ball-bearing glides.

- High-quality solid oak table w/oak veneers & multiple coats of clear lacquer

- Rugged thru-bolt construction
- Fixed table (30"D x 12"W)
- Tilting table (30"D x 30"W) w/oak pencil rail
- Thermally-fused white melamine top
- Drawer w/polished chrome pull glides on natural wood rails

Overall size 42"W x 30"D x 39-3/4"H.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	2 or more
832030	F3042-CT1	1	\$1,159.00	\$1,045.00



CAD/Drawing Table

Hann Ideal table for the student who needs computer accessibility as well as ample work-space. A locking cabinet for the computer tower provides security against computer theft or damage. Designed so that the monitor can be positioned at the perfect eye-level. Shipped set up.

- Double-bolt lower leg spreader & additional upper leg spreader provide superior rigidity
- Solid maple base w/bolt-reinforced mortise & tenon joints
- Hand built 1 at a time
- Fibersin work surface
- Natural finish
- Wide feet w/adjustable floor glides

Overall size 42"W x 40-1/2"D x 33"H.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	2 or more
439190	CAD-3042T-KB	1	\$1,432.00	\$1,289.00



CAD Drafting Table for Vertical CPU

Shain Solid maple table with maple veneer cabinet. Earth-friendly, UV finish. Great for drafting, graphic art and design, or CAD.

- Adjustable laminate top (42"W x 30"D x 3/4"T) w/pencil strip for drafting machine or parallel rule use

- Rear shelf frees desktop & provides platform for monitor arm
- Vertical CPU cabinet w/locking doors front & rear (inside dimensions 9-1/2"W x 22-1/4"D x 19-1/4"H)
- Sturdy maple legs w/heavy-duty glides
- Open front for keyboard & mouse tray

Overall size 42"W x 40"D x 30"H.

Ships in 5 business days! Quantity restrictions apply.

Quantity Savings!

Desk Only

Stk.	Mfr.	Qty.	Price	2 or more
155034	CDTC-IVT	1	\$1,118.00	\$999.00

Desk w/Keyboard & Mouse Tray

155018	CDTC-IVT-UDK	1	\$1,293.00	
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Angle-CAD Drafting Bench

Montisa Learning Gray drafting bench progresses along with students. They'll learn drafting basics, then switch to computer-aided design (CAD) without moving to other workstations. Steel construction with durable versatility for classroom use. Assembly required.

- Laminated top (60"W x 30"D x 1.25"T) w/grommets to CPU cabinet
- Drafting board (36"W x 30"D x 7° angle) w/stain-resistant/self-sealing mat, plus edge clearance for drafting machine & parallel edge
- Wire management trough for mounting in rear (40"W x 3"D x 3.5"H)
- CPU cabinet (15"W x 29"D x 32.25"H) w/locking door & adj. shelf
- Pencil drawer (14.75"W x 26.5"D x 3"T), modesty panel
- Slide-out keyboard tray (34.5"H)
- Power strip/surge suppressor

Quantity Savings!

Stk.	Mfr.	Overall Size	Price	2 or more
206010	CD5-D	60"W x 30"D x 34"H	\$1,151.00	\$1,035.00



CAD Desk/Graphic Arts Table

Smith System Split top table tilts 0-45° for R/L-hand CAD use, or tilt both for graphic artists. 14 ga. steel front and back channels (2" x 3") with welded construction. Steel bar holds the adjustable, slanted work surface. Light assembly required.

- Adjustable legs (29"-39"H) & floor glides

- Laminate split-top table holds computer monitor or laptop
- Upper legs are 1" square steel tubing welded to leg brace

Shown w/CPU holder, stool & monitor arm, sold separately. Computer equipment, not included.

Stk.	Mfr.	Overall Size	Price
159089	27344	48"W x 24"D x 29-39"H	\$616.00

CPU Holder w/Locks CPU holder with locks for Smith System tables Mfr.'s 27344, 27345 & 27347. Can be installed on right or left side of desk.

Stk.	Mfr.	Overall Size	Price
156960	17213	7"W x 13"D x 16"H	\$119.00



Height Adjustable Split-level Drafting Table

Safco Drafting/computer table with workspace and shelving (47-1/4"W x 10"D). Split table lowers for working surface or tilts 50°. Table height adjusts for standing table use. Durable steel frame with medium oak wood grain melamine top. No tools required.

Overall size 47-1/4"W x 29-3/4"D x 26"-37-1/4"H.

Tilting surface 31-1/2"W x 19-3/4"D. Fixed surface 15-3/4"W x 19-3/4"D.

Laptop & desk items, not included.

Stk.	Mfr.	Price
770861	3965MO	\$476.00



Flat Panel Monitor Extension Arm

Hafele Full movement arm extends a full 13-7/8". Mounting is through a standard 2-3/8" grommet hole cut in desktop (1-1/2" max. desktop thickness). Mounting post provides secure mount for heavier screens. Silver colored, die-cast aluminum arm & post w/stainless steel pins. For flat screen monitors up to 24" (11 to 16.5 lbs.).

Stk.	Mfr.	Price
544841	MEA-FP-HD	\$261.00



2 Station Drawing Table w/Drawers

Shain Solid maple apron and legs. Plywood cabinet with maple veneer. Steel corner braces attach legs. Earth-friendly, UV finish. Light assembly required.

- Fully adjustable laminate tops (24"W x 24"D ea.) w/pencil stops & soft-close feature

- Reference area (12"W x 24"D)
- 6 dovetailed locking drawers (10-1/2"W x 19-3/4"D x 3-1/4"H ea.) w/solid maple fronts & metal drawer pulls
- Book compartment (11"W x 22"D x 5"H)
- Maple foot rests

Stk.	Mfr.	Overall Size	Price
155009	DTA-21A	60"W x 24"D x 36"H	\$1,478.00



2-Station Drawing Tables

Hann 2-Station tilt-top drawing tables constructed of maple solids and panels, with mortise and tenon construction for rugged durability. Natural finish. Shipped set-up.

- Tilting Fibersin tops (28" x 32-1/2"D ea.) w/adjustable pencil stops

- Dovetailed master-keyed locking drawers (18-3/8"W x 26-1/4"L) accept an 18" x 24" board
- Knee space (19-3/8"W)
- Stationary center top (14"W)
- Ratchet-type tilting mechanism

6 Drawers 3-1/2"H each drawer.

Stk.	Mfr.	Overall Size	Price
439520	WD-80	70"W x 32-1/2"D x 39-3/4"H	\$1,611.00

8 Drawers 2-5/8"H each drawer.

Stk.	Mfr.	Overall Size	Price
439521	WD-82	70"W x 32-1/2"D x 39-3/4"H	\$1,710.00



Adjustable Top Drawing Tables

Hann Features a 3/4" thick Fibersin top that provides a rock hard, flat, smooth surface. Table is constructed of

solid maple and hardwood panels. Table includes pencil ledge and ratchet type tilting mechanism. Shipped set up.

- Solid maple base w/bolt-reinforced mortise & tenon joints
- Double-bolt lower leg spreader & additional upper leg spreader provide superior rigidity
- Hand built 1 at a time
- Natural finish

Overall size 42"W x 30"D x 39"H.

Full-top Table

Stk.	Mfr.	Price
439510	WD-30	\$567.00

Full-top Table w/6 Drawers 6 dovetailed master-keyed locking drawers (6-1/4"W x 17-1/2"D x 2-3/4"H).

Stk.	Mfr.	Price
439511	WD-31	\$1,020.00

Split-top Table 30"W x 30"D adjustable top, 12"W x 30"D fixed top.

Stk.	Mfr.	Price
439514	WD-60	\$580.00

Split-top Table w/6 Drawers 30"W x 30"D adjustable top, 12"W x 30"D fixed top. 6 dovetailed master-keyed locking drawers (6-1/4"W x 17-1/2"D x 2-3/4"H).

Stk.	Mfr.	Price
439515	WD-61	\$936.00



Tilt-top Drawing Tables

Hann Tilt-top drawing table constructed of hard maple framing with mortise and tenon construction to withstand demanding classroom use. Hand built 1 at a time. Shipped set-up.

- 3/4" Fibersin top w/adjustable pencil stop
- Ratchet-type tilting mechanism

- Dovetailed drawer
- Natural finish

Full-Top Table Drawer 19"W x 17"D x 2-3/4"H.

Stk.	Mfr.	Overall Size	Price
439500	WD-1	36"W x 24"D x 37"H	\$549.00

Split-Top Table 24"W x 24"D adjustable top, 12"W x 24"D fixed. Drawer 7-5/8"W x 16-3/4"D x 2-3/4"H.

Stk.	Mfr.	Overall Size	Price
439501	WD-2	36"W x 24"D x 30"H	\$522.00
439502	WD-3	36"W x 24"D x 37"H	\$540.00



Drafting Tables

SMI Cost-effective tables constructed of fine-quality solid oak with multiple coats of clear lacquer finish. Durable thru-bolt construction. Adjusting mechanism provides infinite drawing surface angles. Thermally-fused melamine tops with oak pencil rail. Locking drawer.

30"H 50° angle.

Stk.	Mfr.	Overall Size	Tilting Surface	Price
832050	F2436-30STA	36"W x 24"D	24"W x 24"D	\$461.00
832052	F3042-30STA	42"W x 30"D	30"W x 30"D	\$486.00

36-3/4"H 75° angle.

Stk.	Mfr.	Overall Size	Tilting Surface	Price
832051	F2436-37STA	36"W x 24"D	24"W x 24"D	\$499.00
832053	F3042-37STA	42"W x 30"D	30"W x 30"D	\$542.00
832054	F3648-37STA	48"W x 36"D	36"W x 36"D	\$749.00
832055	F3660-37STA	60"W x 36"D	48"W x 36"D	\$814.00



4-Station Drawing Table

Hann 4-station drawing table has four 30"W x 24"D tilting Fiberesin drawing surfaces and a fixed center top. Base is constructed of solid hard maple to withstand demanding classroom use. Aprons are mortised into the legs providing strength and stability. Natural finish.

Overall size 48"W x 18"D x 29"H.

Stk.	Mfr.	Item	Price
439512	WD-4876	Table	\$936.00
439513	WD-4876-4D	Table w/4 Drawers	\$1,112.00



Workmaster Jr. Drafting Table

Alvin Durable 4-post drafting table built for hard long-term use. Black base is constructed of 1" x 1" heavy-gauge steel tubing. Work surface angle with easy front or rear adjustments. For drafting, mechanical and architecture drawing or as a reference table. Assembly required.

- Warp-free white Melamine® board
- 12" x 32" storage shelf
- Angle adjusts from 0° to 35°
- Height adjusts from 29" to 44"

Stk.	Mfr.	Overall Size	Price
196050	WMJ48-3-XB	48"W x 36"D x 29"-44"	\$350.00



Adaptable-Height Split-Top Drawing Tables

Shain Table's height quickly adjusts in 2 cm increments. 2-piece laminate top is great for drawing and tabletop use. Soft close tops. Powder-coated legs with glides. Pencil stops on adjustable top side. Spacer included for an extra 3" of table height. Light assembly required. ADA Compliant.

Overall size 30"W x 60"L x 27-3/4"H to 39"H.

1 Adjustable, 1 Fixed Top (18"W x 30"D)

Stk.	Mfr.	Tilting Surface	Price
155020	ALTD1-6030	42"W x 30"D	\$953.00

2 Adjustable Tops

155021	ALTD2-6030	30"W x 30"D ea.	\$1,028.00
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2 Adjustable Tops w/Fixed Back Includes 12"D fixed flat surface across the back to accommodate a flat panel monitor.

155022	ALTD3-6030	30"W x 24"D ea.	\$1,055.00
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Lift Top Drafting Tables

Fleetwood Table incorporates lift-top drafting surface, slide-out keyboard holder and enclosed wire management. Welded 16-ga. 1" x 1-1/2" rectangular steel tubing. Set screw-style mechanism adjusts the legs in 2" increments. Legs with plastic-base adjustable levelers for uneven

floors. Baked enamel paint finish on frame and legs.

- Lift top of 3/4"T fiberesin & fixed top of 1"T fiberesin, both edge banded w/3mm thick PVC
- Dual ratcheting mechanisms all top adjustments from 0°-45°
- 5" sq. wire management w/18-gauge piano hinge runs entire width of table & is located at rear underside of table

Overall size 60"W x 30"D x 25-1/2" to 39-1/2"H.

Stk.	Mfr.	Item	Price
407485	44.6350.686.000	Right Lift Top	\$1,302.00
407486	44.6360.686.000	Left Lift Top	\$1,302.00



Adjustable Drafting Tables

Smith System Heavy-duty welded steel frame with telescoping legs (with 1" adjustments) made of 1-1/4", 14 ga. sq. tubing.

- Adjustable-height tables can be positioned from 29" to 39"H & adjust from 0° to 45°
- Laminate top 7/8" thick w/pencil stop

Please specify color: Maple top w/champagne frame or gray top w/ black frame. Maple top w/champagne frame will be shipped if not specified.

Stk.	Mfr.	Overall Size	Price
159091	27345	36"W x 24"D x 29"-39"H	\$413.00
159093	27347	42"W x 31"D x 29"-39"H	\$544.00

CPU Holder w/Locks CPU holder with locks for Smith System tables Mfr.'s 27344, 27345 & 27347. Can be installed on right or left side of desk.

Stk.	Mfr.	Overall Size	Price
156960	17213	7"W x 13"D x 16"H	\$119.00

ARTS & CRAFTS



Art Horse

Hann Designed for student comfort Upright and grooved seat will accommodate boards up to 24" x 30". Drawing board rest is 12"W x 33"H.

Stk.	Mfr.	Overall Size	Price
439260	B-1	12"W x 29"D x 17"H	\$270.00



Portable Clay Cart

Hann Mobile maple plywood cart complete with locking casters. Anti-slam lid-stay device. Clay area has a removable plastic liner with cover. Natural finish. Hand built 1 at a time. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
439200	CC-7	15"W x 18-1/2"D x 28-1/2"H	\$360.00



Ceramic Workstation

Hann Ceramic workstation features 3 drawer cabinet, single door storage area and portable clay cart. Natural finish.

- Maple grain design plastic laminate top (72"W x 30"D x 1-1/4") provides a smooth, flat work surface
- Base cabinets feature heavy-duty face frames with mortise & tenon construction
- Moveable birch plywood cart (15"W x 18-1/2"D x 28-1/2"H) complete with locking casters
- Anti-slam lid-stay device
- Clay area has a removable plastic liner w/cover

Stk.	Mfr.	Overall Size	Price
439199	CC-2A	72"W x 30"D x 31"H	\$1,432.00

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SCIENCE FURNITURE



2-Student Science Tables

Shain Solid maple table in various sizes and top styles. Earth-friendly, UV finish. Light assembly.

- Base constructed w/steel corner brace construction
- 2-1/4" sq. legs w/non-skid adjustable boots

Ships in 5 business days! Quantity restrictions apply.

Epoxy Resin Top Chemical & heat resistant.

Stk.	Mfr.	Overall Size	Price
155680	P7106M30N	48"W x 24"D x 30"H	\$599.00
155684	P7206M30N	54"W x 24"D x 30"H	\$649.00
155688	P7606M30N	60"W x 24"D x 30"H	\$714.00

ChemGuard Top Chemical & acid resistant.

Stk.	Mfr.	Overall Size	Price
155681	P7102M30N	48"W x 24"D x 30"H	\$410.00
155685	P7202M30N	54"W x 24"D x 30"H	\$442.00
155689	P7602M30N	60"W x 24"D x 30"H	\$466.00

Laminate Top Durable & easy-to-clean.

Stk.	Mfr.	Overall Size	Price
155682	P7101M30N	48"W x 24"D x 30"H	\$372.00
155686	P7201M30N	54"W x 24"D x 30"H	\$404.00
155690	P7601M30N	60"W x 24"D x 30"H	\$422.00

Adjustable Height 2-Student Science Tables



Diversified Solve your ADA requirements with this table that adjusts in 3/4" increments (27"H to 39"H). Raises or lowers quickly and easily. For an incline, simply adjust 1 end. No tools required.

- Solid oak apron (4-1/2"H) w/chemical-resistant, earth-friendly UV finish
- 2-1/4" powder-coated legs w/adjustable feet or casters (sold separately)

Overall height 27"-39"H.

Phenolic Top Chemical resistant.

Stk.	Mfr.	Overall Size	Price
155102	P8104K	48"W x 24"D	\$865.00
155105	P8204K	54"W x 24"D	\$911.00
155108	P8604K	60"W x 24"D	\$940.00
155114	P8144K	60"W x 30"D	\$1,073.00
155111	P8304K	72"W x 24"D	\$1,039.00

ChemGuard Top Chemical & acid resistant. Ships in 5 business days! Quantity restrictions apply.

Stk.	Mfr.	Overall Size	Price
155101	P8102K	48"W x 24"D	\$701.00
155104	P8202K	54"W x 24"D	\$741.00
155107	P8602K	60"W x 24"D	\$753.00
155113	P8142K	60"W x 30"D	\$809.00
155110	P8302K	72"W x 24"D	\$808.00

Laminate Top Durable & easy to clean. Ships in 5 business days! Quantity restrictions apply.

Stk.	Mfr.	Overall Size	Price
155100	P8101K	48"W x 24"D	\$666.00
155103	P8201K	54"W x 24"D	\$699.00
155106	P8601K	60"W x 24"D	\$711.00
155112	P8141K	60"W x 30"D	\$760.00
155109	P8301K	72"W x 24"D	\$752.00

Quick-Release Swivel Casters 4/set.

Stk.	Mfr.	Overall Size	Price
155115	100709X4		\$43.50



Science Tables

Hann Table provides work space for two or more students. Legs and apron constructed of solid hard maple. Apron measures 13/16" x 5". Legs are 2-1/4" square and include black vinyl boots. Finish consists of multiple coats of natural chemically resistant catalyzed varnish.

Maple top is manufactured of the finest grade northern grown maple. The lumber is seasoned and then kiln dried to a moisture content of six to eight percent. Strips of lumber are then electronically laminated with a special tight bonding glue to create a smooth surface. Some assembly required.

Stk.	Mfr.	Overall Size	Price
439390	STPM-2460M	60"W x 24"D x 30"H	\$615.00
439391	STPM-4848M	48"W x 48"D x 30"H	\$990.00
439392	STPM-4260M	60"W x 42"D x 30"H	\$837.00



Mobile Microscope Cabinet

Fleetwood High quality, rugged double sided cabinet with 30 storage compartments and 2 locking and 2 non-locking casters. Provides extra cabinet space that may be moved from classroom to classroom. Light oak laminate with black frame and edge. Shipped set up.

- Welded steel u-frame end assembly, steel supports for top & bottom
- 3/4" laminate panels
- 5" casters
- Mfr.'s full lifetime warranty

Stk.	Mfr.	Overall Size	Price
407450	15.7730.318.000	50-1/2"W x 66"H x 28"D	\$2,202.00

TABLES



Stainless Steel Table

Shain 18 ga. stainless steel top has 2 sound deadened integrally welded 5" C-channels to reinforce and maintain level working surface. Galvanized legs are 1-5/8" dia. and have adjustable high impact corrosion resistant feet. Under-shelf is adjustable and has two pins per corner providing extra strength and stability. National Safety Foundation Certified.

Under-shelf is adjustable and has two pins per corner providing extra strength and stability. National Safety Foundation Certified.

Stk.	Mfr.	Overall Size	Price
155084	XS3630	36"W x 30"D x 35"H	\$370.00
155086	XS6030	48"W x 30"D x 35"H	\$477.00
155085	XS4830	60"W x 30"D x 35"H	\$417.00
155087	XS7230	72"W x 30"D x 35"H	\$523.00

Heavy-duty Art/Planning Tables



Shain Solid maple base with 2 tapered pedestal panel legs and 2 truss bars. Earth-friendly UV finish. Light assembly required.

Overall size 42"W x 60"D x 30"H.

Ships in 5 business days! Quantity restrictions apply.

I-3/4" Maple Top

Stk.	Mfr.	Price
155610	PT-62M	\$1,033.00

I-1/4" Laminate Top Almond color top w/3 mm PVC edging.

Stk.	Mfr.	Price
155611	PT-62P	\$683.00



Art Table Series

Hann Sturdy multi-purpose art table has a solid maple base with bolt-reinforced mortise and tenon joints. Hand built 1 at a time. Shipped set up.

- Wide feet w/adjustable floor glides
- Double-bolt lower leg spreader & additional upper leg spreader provide superior rigidity
- Natural finish

Overall size 42"D x 29-3/4"H.

Quantity Savings!

1-1/4" T Maple Grain Laminate Top

Stk.	Mfr.	Item	Qty.	Price	2 or more
439250	A2-4260PL3	60"W	1	\$567.00	\$510.00
439253	A2-4272PL3	72"W	1	\$666.00	\$599.00

1-3/4" T Maple Top

439251	A2-4260M	60"W	1	\$873.00	\$785.00
439252	A2-4272M	72"W	1	\$1,062.00	\$955.00



4-Student Tables

Shain Sturdy work center with 2-1/4" solid maple legs and apron with steel corner plates. Adjustable floor guides. Earth-friendly UV finish. Light assembly required.

1-3/4" Maple Top

Stk.	Mfr.	Overall Size	Price
155080	WX4-M26	48"W x 48"D x 26"H	\$1,085.00
155082	WX4-M	48"W x 48"D x 30"H	\$1,079.00

1-1/4" Laminate Top Almond colored top.

Stk.	Mfr.	Overall Size	Price
155081	WX4-P26	48"W x 48"D x 26"H	\$541.00
155083	WX4-P	48"W x 48"D x 30"H	\$525.00

155082 & 155083|Ships in 5 business days! Quantity restrictions apply.

4-Student Work Table



Hann Sturdy multi-purpose table has a solid maple base with bolt-reinforced mortise and tenon joints. Shipped set up.

- Wide legs w/adjustable floor glides
- Intersecting lower cross bracing allows for leg room on all 4 sides
- Natural finish
- Hand built

Overall size 48"W x 48"D x 30"H

Stk.	Mfr.	Item	Price
439400	STX-4848MP	1-3/4" T maple top	\$1,071.00

Planning Tables



Hann Ideal for general use as well as planning and designing. The all-wood table is constructed of the finest hard maple with natural finish. Includes adjustable floor glides. Furnished with 2 large drawers 20"W x 20"D x 2-3/8"H. Shipped set-up.

Overall size is 72"W x 30"D x 30"H.

Stk.	Mfr.	Item	Price
439327	PL-2	1-1/4" Laminate Top	\$694.00
439328	PL-2HM	1-3/4" Maple Top	\$900.00



4-Student Craft Tables

Fleetwood Table provides the large work surface needed to perform many skills associated with home economics or art, while incorporating a crank mechanism for raising or lowering the work surface.

- 14-ga. steel base w/2" x 1" rectangular tubing & baked enamel finish
- 4 adjustable glides compensate for uneven floors
- Anodized extruded aluminum legs
- 500 lb. capacity
- 2 wheelchairs on either side
- Crank folds away when not in use
- Mfr.'s full lifetime warranty

Overall size 60"W x 42"D x 26"-37"H.

Stk.	Mfr.	Item	Price
407460	25.5000.686.000	1" Laminate Top	\$1,807.00
407461	25.5503.600.000	1-3/4" Maple Top	\$2,575.00



Adaptable Table

Shain Perfect for the classroom since height adapts to accommodate any student. Raise or lower the table in 2 cm increments. For an incline, simply adjust one end. Powder-coated legs with adjustable glides. Gray laminate top. ADA Compliant. Assembly required.

Overall size 30"W x 60"L x 27" - 39"H.

Ships in 5 business days! Quantity restriction apply.

Stk.	Mfr.	Item	Price
155025	ALT-6030GG	1-1/4" Laminate Top	\$757.00



Flip-N-Go Tables

Mayline It doesn't take much to put Flip-N-Go to work. Just roll the tables where you want them and lock the 3" casters. When it comes time to store them, just flip a lever and the top will tilt and lock to allow straight-line nesting. Nebula graphite laminate w/black base.

Minimal assembly required.

- Dual-sided levers for a quick-flip of top
- Can be connected together (*gang accessory, sold separately*)
- 5-1/4" between tables when nested
- Integrated modesty panel w/built-in cable trough
- 1-1/4" T high pressure laminate surface w/solid core 45# density particle board & 3 mm thick PVC T-mold edge
- Table legs & modesty panel are 18 ga. steel

Stk.	Mfr.	Overall Size	Price
146010	LF1848HT	48"W x 18"D x 29"H	\$422.00
146011	LF1860HT	60"W x 18"D x 29"H	\$468.00
146012	LF1872HT	72"W x 18"D x 29"H	\$495.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.



Adjustable Height Riser Tables

Shain Table adjusts in 2 cm increments from 27"H to 39"H in less than 30 seconds. Add 3" spacer for even more height. The 4-1/2"H solid maple frame with exposed metal corner braces compliment the powder-coated adjustable legs with adjustable glides.

Wood is finished with a chemical resistant, earth-friendly UV finish. Riser is 12" deep and has a 10"H clearance above the work surface (*supported by 1" diameter powder coated steel tubes*). It is made of the same material as the top. Black top.

Overall size 60"W x 30"D x 27"-39"H.

Stk.	Mfr.	Item	Price
155675	PR8141M	1-1/4"T Plastic Laminate Top	\$959.00
155676	PR8142M	1-1/4"T Chemical Resistant Top	\$1,205.00
155677	PR8144M	1-1/4"T Phenolic Top	\$1,867.00



Lobo Adjustable & Fixed Leg Tables

Wisconsin Bench Tough, durable activity table tops are high-pressure, laminate bonded to 1-1/4"T MDF (*medium density fiberboard*) with phenolic backing and Lotz Armor Edge® finish.

- 14 ga. steel apron (1" x 2") w/a solid steel frame

- Legs are 1-1/2" square tube assembly w/non-mar adjustable glides
- Apron frame & leg assembly are powder-coated w/polyester texture black finish to 3 mm thick
- 5-yr. mfr.'s warranty

Please specify top color: gray, oak or black. Gray will be shipped if not specified.

Adjustable Leg Tables 14 ga. outer tube with 16 ga. insert adjustable legs provide ADA table height range from 23-1/2" to 37-1/2"

Stk.	Mfr.	Overall Size	Price
281520	LOB7071-ADJ	60"W x 24"D	\$313.00
281521	LOB7082-ADJ	60"W x 30"D	\$332.00
281522	LOB7083-ADJ	72"W x 30"D	\$359.00
281523	LOB7100-ADJ	72"W x 42"D	\$484.00

Fixed Leg Tables 14 ga. fixed legs for table height of 29-1/2"

Stk.	Mfr.	Overall Size	Price
281524	LOB7071-FX	60"W x 24"D	\$297.00
281525	LOB7082-FX	60"W x 30"D	\$314.00
281526	LOB7083-FX	72"W x 30"D	\$342.00
281527	LOB7100-FX	72"W x 42"D	\$468.00



Folding Tables

Mayline Reinforced to support more weight than standard folding tables. Seamless polypropylene tops are impact and stain-resistant as well as easy-to-clean.

- 2 slide locks per table
- Steel legs enhance stability & durability

- Heavy-duty 18-ga. tubular frame
- Indoor or outdoor use
- Texture white surface with dark gray hammered frame

Stk.	Mfr.	Overall Size	Price
146350	772448	48"W x 24"D x 29"H	\$114.00
146351	773060	60"W x 30"D x 29"H	\$153.00
146352	773072	72"W x 30"D x 29"H	\$177.00

DESKS



Multi-purpose Planning Desk

Hann Versatile unit is a desk, planning area or demonstration table. Constructed of heavy maple and hardwood paneling with mortise and tenon construction for durability. Natural finish. Shipped set-up.

- Top (1-1/4"T) plastic laminate
- 4 paper/blueprint plan drawers
- 4 storage & 1 file drawer (*w/master-keyed locks*)
- Dovetailed drawers

Stk.	Mfr.	Overall Size	Price
439285	D-631	72"W x 30"D x 36-3/4"H	\$1,680.00



600 Series Steel Teacher's Desk

Sandusky Lee Features laminated wood top surface with 6" rear overhang. Rounded corners and vinyl clad edges for safety. Two grommets for easy cable and wire management. Heavy-duty steel frame with powder coat finish.

Chrome-plated 1" square steel legs with levelers. Central locking system, full extension file drawers and center drawer. Putty with oak color. Shipped assembled except legs & handles.

Stk.	Mfr.	Overall Size	Price
770013	DQ6030PO	60"W x 30"D x 29-1/2"H	\$640.00



Planning & Layout Desk

Shain Solid maple framed pedestal with maple veneer on sides and back. Earth-friendly, UV finish. Light assembly required.

- Plastic laminate top (72"W x 30"D x 1-1/4"T)

- 9 locking drawers w/solid maple fronts, dovetail construction & pulls
- 4 drawers (15-1/4"W x 19-3/4"D x 4-1/2"H ea.), 4 drawers (32-1/2"W x 25-3/4"D x 2"H ea.) & file drawer (15-1/4"W x 19-3/4"D x 10-1/4"H)
- Legs of solid maple w/truss bar & steel corner braces

Stk.	Mfr.	Overall Size	Price
155806	PLB-201	72"W x 30"D x 36"H	\$1,924.00



Crosswinds™ Mobile Computer Worktable

Mayline Sturdy steel and laminate construction with metal-to-metal connectors. Designed to accommodate today's large monitors and towers. Includes slide-out keyboard and mouse tray. Gray laminate with dove gray paint. Assembly required.

Computer equipment not included.

Stk.	Mfr.	Overall Size	Price
147075	8100TD	47-1/4"W x 24"D x 28-1/2"H	\$456.00

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Muv™ Mini Tower Adjustable Height Workstation

Safco Workstation features a roll-out printer shelf and accommodates a CPU up to 16-1/2"H. Decorative molded side panels hide cords. Black powder-coated steel frame. Assembly required.

- 1" increment, adjustable height medium oak laminate top (35-1/2"W x 19-3/4"D x 3/4"T)

- Compressed wood shelves - lower (30"W x 15"D) & roll-out keyboard (30-1/2"W x 13-1/2"D)
- 4 dual-wheel carpet casters (2 locking)

Computer equipment not included.

Stk.	Mfr.	Overall Size	Price
770801	1927MO	35-1/2"W x 22"D x 29" to 34"H	\$462.00



Standing Shop Desk

Edsal All-steel desk with writing surface, shelf and locking drawer, plus pencil and paper compartments. Sloping top is 43"H at front. Powder-coat industrial gray finish.

Overall size 34-1/2"W x 30"D x 53"H.
Drawer size 24"W x 28"D x 3-1/2"H.

Supplies not included.

Stk.	Mfr.	Price
379570	620	\$437.00

SEATING



Alday Intensive Use Chair

Safco Pneumatic-adjust seat height. Back height control, 360° swivel and seat tilt lock. Black polyester upholstered ergo seat (20-1/2"W x 20"D) and back (18-3/4"W x 18"H). Black frame. 2" dia. dual wheel, hooded carpet casters. 500 lb. rating.

Meets ANSI/BIFMA standards.

Stk.	Mfr.	Seat Height	Price
770830	3391BL	17-1/2"-20"	\$450.00



Budget Chair

Alvin Pneumatic height control for adjustments. Black polypropylene seat and back shell, height and depth adjustable hinged backrest, dual wheel casters and a 22" dia. reinforced nylon base. Black fabric. Backrest is 16"W x 12"H.

Meets BIFMA standard. CAL 117 Fire Retardant.

Stk.	Mfr.	Seat Height	Price
196294	CH222-40	16-1/2" to 21-1/2"	\$101.00



Economy Chair

Alvin Ideal for classroom, tech lab or shop. Gas lift mechanism adjusts seat height for comfort. 1 handwheel adjusts backrest forward and backward, while another handwheel adjusts backrest height. Black seat and metal frame are supported by a 24" span 5-star fiberglass molded base with double-wheel hooded casters. Black fabric.

Meets BIFMA standard. CAL 117 Fire Retardant.

Stk.	Mfr.	Seat Height	Price
196307	CH277-40	17-1/2" to 22-1/2"	\$128.00



Maestro Stack Chairs

Krueger High-density chairs that can be set up, rear-ranged, stacked and stored for nearly any application. Integral handle in the seat back for easy lifting. High back provides comfort and promotes correct posture. Waterfall seat front supports circulation. Chrome frame. Chairs stack 10 high.

Overall size 19-1/4"W x 21-1/4"D.

Stk.	Mfr.	Color	Price
143870	MSP/NG/CH/PBL/NFR	Black	\$96.60
143871	MSP/NG/CH/PSA/NFR	Sand	\$96.60



Stacking Chairs

Krueger Durable, comfortable contoured chair of 1-piece, high-impact polypropylene. Color-permeated, textured shell hides scratches and cleans easily. 14 ga. round chrome legs, self-leveling plastic glides. Chairs stack 12 high.

Overall size 22"W x 22-1/4"D x 31"H.

Stk.	Mfr.	Color	Price
143820	1000NG/CH/PND/PG	Nordic Blue	\$60.80
143821	1000NG/CH/PBD/PG	Burgundy	\$60.80
143822	1000NG/CH/PSA/PG	Sand	\$60.80



Hardwood Stools

Hann Ideal for seating in the classroom or lab. Heavy duty seats with rounded edge are 1-1/4" thick and 13" dia. 1-1/2" dia. rounded legs are tensioned into the bottom of the seat and secured with screws. Legs are rounded at the end. Draw-tight stretchers are glued and pinned at stress points.

Quantity Savings!

Maple					
Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
439331	S-18-M	18"	1	\$79.60	\$71.00
439333	S-24-M	24"	1	\$85.50	\$77.00
439335	S-30-M	30"	1	\$90.70	\$81.00

Oak					
Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
439330	S-18-O	18"	1	\$79.60	\$71.00
439332	S-24-O	24"	1	\$85.50	\$77.00
439334	S-30-O	30"	1	\$90.70	\$81.00



Student Bench

Hann Provides sturdy seating and storage needed in the art room. Stationary top. Made entirely of hard maple. Natural finish.

Stk.	Mfr.	Overall Size	Price
439261	B-2	17"W x 12"D x 17"H	\$210.00



AlphaBetter® Stool

Safco Steel base tip-resistant stool adjusts in 1-1/4" increments. 13"W x 13"D x 5/8"T thermoplastic laminated MDF seat. Black powder coat finish. Assembly required.

Stk.	Mfr.	Seat Height	Price
770770	1205BL	21" to 35-1/2"	\$205.00



5-Legged Square Tube Stools

Wisconsin Bench Fully-welded stool for demanding environments. 5-legged design improves stability, discourages attempts to balance on two legs. Black, 16 gauge powder-coated steel with non-marring glides. 1/2" solid steel foot ring. 14" dia. x 1-1/4" hardwood seat. Assembly required.

Fixed-Height

Stk.	Mfr.	Seat Height	Price
281540	STL9186-AH-HW	18"	\$81.30
281541	STL9186-AL-HW	24"	\$88.10

Adjustable-Height

Stk.	Mfr.	Seat Height	Price
281542	STL9186-AR-HW	18" to 28"	\$126.00
281543	STL9186-AP-HW	22" to 32"	\$203.00



Masonite Seat Stools

Krueger Get function, versatility and long-term value. Heavy-duty, electronic seam-welded tubular steel construction. 14" dia. seats with lacquered hardboard insets.

Please specify color: gray metallic, beige, black, brown or sand enamel finish.

Gray will be shipped if not specified.

Quantity Savings!

Fixed-Height Includes replaceable polyethylene feet.

Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
143000	618	18"	1	\$42.60	\$39.00
143268	624	24"	1	\$50.00	\$46.00
143536	630	30"	1	\$58.10	\$53.00

Fixed-Height w/Backrest Steel back w/replaceable polyethylene feet.

Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
143134	618B	18"	1	\$71.60	\$66.00
143402	624B	24"	1	\$74.30	\$68.00
143670	630B	30"	1	\$82.40	\$75.00

Adjustable-Height Adjusts in 1" increments. **Includes** self leveling glides.

Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
143067	618A	19" to 27"	1	\$58.10	\$53.00
143335	624A	25" to 33"	1	\$64.80	\$59.00
143603	630A	31" to 39"	1	\$77.00	\$69.00

Adjustable-Height w/Backrest Adjusts in 1" increments.

Includes steel back & self leveling glides.

Stk.	Mfr.	Seat Height	Qty.	Price	12 or more
143201	618BA	19" to 27"	1	\$86.40	\$79.00
143469	624BA	25" to 33"	1	\$90.50	\$82.00
143737	630BA	31" to 39"	1	\$103.00	\$95.00



Angle Steel Stools

Montisa Learning Angle steel leg stools with 14" round metal or wood seats. Legs are constructed of 7/8" square angle steel with 1 row of stretchers. Stools that are 26"H or higher have 2 rows of stretchers. Ball feet are an integral part of the leg. Glides sold separately.

Please specify color: gray, forest green or dark tan.

Gray will be shipped if not specified.

Steel Seat

Stk.	Mfr.	Seat Height	Price
206692	21-A-20	20"	\$74.60
206694	21-A-24	24"	\$78.50
206696	21-A-26	26"	\$94.10
207000	21-A-30	30"	\$96.90

Wood Seat

Stk.	Mfr.	Seat Height	Price
207004	21-B-20	20"	\$127.00
207006	21-B-24	24"	\$131.00
207008	21-B-26	26"	\$146.00
207012	21-B-30	30"	\$153.00

Glides 4/set.

Stk.	Mfr.	Seat Height	Price
206014	GL01		\$9.35



Maple Seat Stools

Krueger 14" dia. hardwood maple seat, w/clear lacquer finish. Legs are firmly welded to form a solid, integral unit. Fixed leg models have super-dylan feet. Adjustable-height legs allow adjustments in 1" increments & have self-leveling guides.

Please specify color: gray metallic, beige, sand, black or brown. Gray metallic will be shipped if not specified.

Fixed-Height

Stk.	Mfr.	Seat Height	Price
143220	618W	18"	\$75.60
143475	624W	24"	\$81.00
143750	630W	30"	\$81.00

Fixed-Height w/Backrest

Stk.	Mfr.	Seat Height	Price
143228	618BW	18"	\$111.00
143483	624BW	24"	\$118.00
143758	630BW	30"	\$106.00

Adjustable-Height

Stk.	Mfr.	Seat Height	Price
143224	618WA	19" to 27"	\$97.20
143479	624WA	25" to 33"	\$98.60
143754	630WA	31" to 39"	\$102.00

Adjustable-Height w/Backrest

Stk.	Mfr.	Seat Height	Price
143232	618BWA	19" to 27"	\$131.00
143487	624BWA	25" to 33"	\$127.00
143762	630BWA	31" to 39"	\$126.00



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Perforated Steel Seat Stools

Lyon Available in 5 heights. 14" x 14" seats, perforated for ventilation. Welded construction. Tapered legs insure against tipping. All legs punched for adjustable leg extension permitting 3" height adjustment. Stools under 30" have one cross brace between legs, 30" stools have two braces. Enamel finish. Additional stool heights in these styles are available upon request.

Stools must be ordered in multiples of 2, or Lyon will increase order quantity to next even number.

Specify color: dove gray, putty or wedgewood blue (allow additional time for putty & wedgewood blue). Gray will be shipped if not specified.

Stool w/Steel Feet

Stk.	Mfr.	Seat Height	Qty.	Price
175015	1700	18"		\$56.60
176087	1750	22"		\$57.20
177159	1800	24"		\$60.40
178231	1850	26"		\$62.00
179303	1900	30"		\$73.40

Stool w/Steel Feet & Backrest

Stk.	Mfr.	Seat Height	Qty.	Price
175216	1704	18"		\$82.90
176288	1754	22"		\$83.50
177360	1804	24"		\$86.70
178432	1854	26"		\$88.30
179504	1904	30"		\$99.70

Stool w/Rubber Feet

Stk.	Mfr.	Seat Height	Qty.	Price
176154	1751	22"		\$64.50
177226	1801	24"		\$67.70
178298	1851	26"		\$69.30
179370	1901	30"		\$80.80

Stool w/Rubber Feet & Backrest

Stk.	Mfr.	Seat Height	Qty.	Price
176355	1755	22"		\$86.10
177427	1805	24"		\$89.60
178499	1855	26"		\$90.90
179571	1905	30"		\$103.00

Stool w/Steel Glides

Stk.	Mfr.	Seat Height	Qty.	Price
175149	1702	18"		\$66.70
176221	1752	22"		\$67.30
177293	1802	24"		\$70.50

Stool w/Steel Glides & Backrest

Stk.	Mfr.	Seat Height	Qty.	Price
175350	1706	18"		\$87.00
176422	1756	22"		\$87.60
177494	1806	24"		\$90.80

Black Rubber Feet 1-13/16"D x 1-1/8"H

Stk.	Mfr.	Seat Height	Qty.	Price
180330	1960			\$2.35

Black Rubber Feet w/Steel Glide 1-13/16"D x 1-1/8"H

Stk.	Mfr.	Seat Height	Qty.	Price
180331	1961			\$3.25



Upholstered Seat Stool w/Backrest

Krueger Seat is upholstered in 1-3/4" polyfoam, covered with elastic-backed vinyl. Swivels 360°. Backrest is upholstered with Tufflex pad to match seat.

Please specify color: black vinyl w/gray enamel or brown vinyl w/beige enamel. Black w/gray will be shipped if not specified.

Stk.	Mfr.	Seat Height	Price
143804	824SB	24" to 28"	\$103.00



Upholstered Seat Stool w/Backrest & Top Spin Height Adjustment

Edsal Adjusts quickly for individual preferences. Cushioned black nylon swivel seat with vinyl backrest. Baked enamel steel frame and self-adjusting rubber cushioned metal glides.

Stk.	Mfr.	Seat Height	Price
379670	SS409	21" to 30"	\$276.00



Hydraulic Stool w/Back

Craftsman Hydraulic stool is built to last with sturdy chrome legs, resilient foam padding and tough black vinyl covers. Adjustable back rest. Adjustable, slip-resistant feet. Some assembly required.

Stk.	Mfr.	Seat Height	Price
305788	61828	28-1/2"	\$129.00



Gel Seat Stool w/Height Adjustment

Safco Sitstar™ stool features an oversized, tractor style seat of PVC-coated gel molded on a metal frame. Soft, polyurethane black seat has a polished chrome base with raised adjustable foot ring and 5 dual carpet casters. Swivels 360°. Black padded backrest for good posture (*sold separately*). Light assembly required.

Stk.	Mfr.	Item	Seat Height	Price
770890	6660BL		23" to 33"	\$341.00
770891	6661BL	Backrest		\$172.00



Diesel Adjustable Stools

Safco Ideal for workbench use in industrial and educational settings. Steel frame and clear coat finish. 14" dia. padded seat. Nylon-coated screw adjusts height manually. Non-marring rubber feet protect floors. Light assembly required.

Stk.	Mfr.	Item	Seat Height	Price
770899	6669	Low Base	16" to 22"	\$135.00
770897	6665	High Base	22" to 27"	\$153.00

Stool w/Backrest Leather padded steel back.

Stk.	Mfr.	Item	Seat Height	Price
770898	6668	Low Base	16" to 22"	\$208.00
770896	6664	High Base	22" to 27"	\$223.00

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STORAGE CABINETS



30" W Wardrobe Cabinet

Shain Compact 5-shelf/clothes hanging maple cabinet stores supplies, files, jackets, hats, etc. Full-length fixed top shelf, 1 fixed and 3 adjustable shelves. Easy-open locking door with 5-knuckle institutional hinges. Earth-friendly UV finish. Shipped set up.

Includes clothing hang bar, 1 large & 4 small shelves.

Stk.	Mfr.	Overall Size	Price
155011	WSC-26	30"W x 22"D x 84"H	\$855.00



36" W 80-Bin Storage Cabinet

Shain Constructed of maple veneers & banded with sold maple (3/4" back). 3-point locking cabinet has 5-knuckle hinges, 3 adjustable shelves and area for 80 hanging high-impact plastic bins. Earth-friendly UV finish. Shipped set up.

Includes 80 hanging bins.

Stk.	Mfr.	Overall Size	Bins	Price
155628	PSC-80	36"W x 18"D x 84"H	80	\$1,859.00



36" W Tool Storage Cabinets

Hann Cabinet offers 1/4" T peg-board-lined back and full-width adjustable shelves. Unit features heavy-duty construction of hard maple framing and birch

panels. 3/4" T hardwood panel overlay doors with pulls. Master-keyed locking doors. Natural finish. Shipped set up.

Tote Storage Cabinet Overall size 36"W x 22"D x 84"H.

Includes 1 full-width adjustable shelf & bins.

Stk.	Mfr.	Bins	Bin Size	Price
439462	TS-1000	4	8" x 19" x 3-1/2"	\$1,216.00

Bin Storage Cabinet Overall size 36"W x 18"D x 84"H.

Includes 2 full-width adjustable shelves, tool hooks & bins.

439450	TS-36W	10	10-7/8"W x 13-3/4"D x 3"H	\$1,112.00
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Adjustable Shelf Cabinet Overall size 36"W x 18"D x 84"H.

Includes 4 full-width adjustable shelves & tool hooks.

439451	TS-48W			\$1,080.00
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48" W 24-Tote Tray Storage Cabinet

Hann Cabinet constructed of hard maple face framing and birch panels. All members are glued and stapled to one another forming a strong, interconnected cabinet. 3 adjustable shelves made of 3/4" veneercore plywood. Natural finish. Master-keyed locking doors. High-impact polystyrene tote trays with label holders. Shipped set up.

Overall size 48"W x 22"D x 84"H.

Stk.	Mfr.	Trays	Tray Size	Price
439475	TT-4	24	19" x 13-1/4" x 3-1/2"	\$2,056.00



48" W 48-Tote Tray Cabinet

Shain Constructed of solid hardwood, solid maple with maple veneers. 3-point locking doors w/pulls. Earth-friendly, UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H

Cabinet should be secured to the wall for safety. Mounting hardware not included.

Stk.	Mfr.	Trays	Tray Size	Price
155528	TTC-48	48	14-1/4" x 19" x 3-1/2"	\$2,582.00



48" W General Storage Cabinet w/Drawers

Hann Constructed of hard maple face framing and birch panels. All members are glued and stapled forming a strong, interconnected cabinet. Natural finish. Shipped set up.

- Master-keyed locking doors & drawers
- 4 full width adjustable shelves made of 3/4" veneercore plywood

Overall size 48"W x 22"D x 84"H.

Stk.	Mfr.	Drawer Size	Price
439417	TS-2	21"D	\$1,658.00



48" W Teacher's Storage Cabinets

Wisconsin Bench Constructed of 3/4" T particle board with thermal-fused laminate on both sides with 1" top over 3/4" sub top. Fully finished back & all edges are finished using 3 mm PVC edge banding. Offset 5-knuckle door swing allows doors to lay flat against the cabinet sides when open and integrated locks keep doors and drawers secure when not in use.

- Floor levelers w/glides accessible from the inside
- Four, 1" T adjustable shelves

- Four, 20"W x 21"D x 6"H drawers w/key locks

- Factory assembled using dowel construction

Overall size 48"W x 24"D x 84"H.

Stk.	Mfr.	Item	Price
281532	SS4000-PM	Pacific Maple Laminate	\$2,103.00
281533	SS4000-WC	Wild Cherry Laminate	\$2,103.00



60" W Display Cabinet

Hann Ideal for storing and displaying projects, books, magazines, trophies and more. Unit features solid maple framing and panels with mortise and tenon construction. Natural finish. Shipped set up.

- Upper cabinet w/2 adjustable glass shelves & 1/4" tempered glass sliding doors
- 7 door/drawer handles
- Lower storage area w/2 shelves (42"W x 19"D)
- 3 large filing drawers for reference storage

- Master-keyed locks for storage areas & file drawers

- Hand built

Stk.	Mfr.	Overall Size	Price
439345	SC-13G	60"W x 22"D x 84"H	\$2,360.00



60"W Tool Cabinet Storage

Shain Cabinet is constructed of solid maple with maple veneer. Upper cabinet doors, side and rear panels are lined w/1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper & lower locking doors of 1-1/8" maple veneer panels mounted w/hinges Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

Includes pegboard hook assortment.

Stk.	Mfr.	Item	Price
155352	TC-4	Cabinet Only	\$1,956.00



60"W Tool Storage Cabinet w/Pegboard

Hann Heavy-duty build with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood backs. Lower cabinet consists of 2 adjustable shelves made of 3/4" veneercore plywood. Upper storage compartment lined with 1/4" perforated pegboard. Master-keyed locking doors. Natural finish. Shipped set up.

Includes tool hangers, 10 bins & 14 totes.

Stk.	Mfr.	Overall Size	Price
439418	TS-4	60"W x 22"D x 84"H	\$2,120.00



96"W White Board Wall Cabinet

Shain Provides large presentation boards and ample storage for classroom activities. Full-width map rail above marker board. Two 4' porcelain magnetic marker boards. Behind the sliding marker boards are 3 adjustable shelves. Lower storage cabinets contain 1 adjustable shelf and both units lock.

- Cabinet constructed of solid oak or maple & oak or maple hardwood veneers using dowel construction
- Drawer glides are epoxy coated w/100 lb. capacity
- Drawers feature full dovetail construction
- Drawer fronts are oak or maple veneers w/solid wood edge banding
- Doors are oak or maple plywood w/solid wood edge banding
- Hinges are 5 knuckle institutional & doors & drawers have locks

Stk.	Mfr.	Item	Overall Size	Price
155051	LW-8K	Oak	96"W x 24"D x 84.25"H	\$4,062.00
155052	LW-8M	Maple	96"W x 24"D x 84.25"H	\$4,213.00

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**Attach Tall Storage
Cabinets to the wall for added safety.**



General Storage Cabinets

Shain Constructed of solid hardwood, solid maple with maple veneers. Fixed, adjustable full-width shelves (15-7/8"D). 3-point locking doors. Earth-friendly UV finish. Shipped set up.

115470 155482

Cabinet w/Doors 2 fixed, 4 adjustable full-width 3/4" T shelves.

Stk.	Mfr.	Overall Size	Price
155471	GSC-23	30"W x 22"D x 84"H	\$1,044.00

Cabinet w/Doors 2 fixed, 4 adjustable full-width 1" T shelves.

Stk.	Mfr.	Overall Size	Price
155473	GSC-36	36"W x 22"D x 84"H	\$1,095.00
155470	GSC-22	48"W x 22"D x 84"H	\$1,230.00
155496	GSC-21	60"W x 22"D x 84"H	\$1,530.00

Cabinet w/Doors & Drawers 1 fixed & 4 adjustable shelves 1" T, 4 locking drawers (22-3/4"W x 19-3/4"D x 8-1/4"H ea.) w/solid maple fronts, dovetail construction & pulls. **Shown w/supplies, not included.**

Stk.	Mfr.	Overall Size	Price
155482	GSC-8	48"W x 22"D x 84"H	\$1,817.00

Binder/Notebook Cabinets



Shure Easy-open cabinets contain a lock and flip-front door with stay-open gas-spring shocks. Partial back panel allows access to electrical outlets when wall-mounted. Powder-coated sebring gray finish.

Stk.	Mfr.	Overall Size	Price
795184	791442	36"W x 15"D x 18-1/2"H	\$632.00
795185	791457	48"W x 15"D x 18-1/2"H	\$632.00
795186	791443	60"W x 15"D x 18-1/2"H	\$946.00

Wall Cabinet w/Sliding Doors

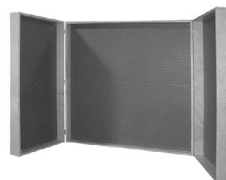


Fleetwood High quality, rugged cabinets. Light oak laminate with black frame and edge. Shipped set-up.

- Steel reinforced cabinet to stand up in more intense-use situations

- Welded steel U-Frame end assembly construction; steel supports for top & bottom
- 3/4" laminate panels
- Mfr.'s full lifetime warranty

Stk.	Mfr.	Overall Size	Price
407415	15.2020.018.000	48"W x 14"D x 20"H	\$579.00
407416	15.2030.018.000	48"W x 14"D x 30"H	\$639.00



Wall Mounted Tool Storage Cabinet

Hann Provides a full 96" of tool mounting area when the unit is open. Constructed of heavy hardwood panels with natural finish. Fitted with masonite pegboard, lock, strap hinges and provision for wall mounting.

Side panels are 24"W x 4"D x 48"H and center panel is 48"W x 4"D x 48"H. Shipped set-up.

Includes assortment of tool hangers.

Stk.	Mfr.	Overall Size	Price
439415	TC-5	48"W x 8"D x 48"H	\$702.00



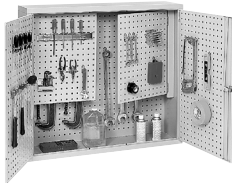
Wall-mounted Tool Cabinet w/Pegboard

Shain Plywood construction with 1/8" peg-board interior for flexible tool arrangement. Earth-friendly UV finish. Shipped set up.

Includes hasp & lock plus asst. tool pegs.

Stk.	Mfr.	Overall Size	Price
155469	MC-1	96"W x 6"D x 48"H (closed)	\$734.00

METAL STORAGE CABINETS



Wall-mounted Steel Tool Cabinet w/Square Peg Holes

Kennedy 3-point locking doors combine easy access and convenient storage with security. Square hole perforated cabinet back and inner door panels give large tool hanging capacity. Features 24"L x 18"W swingout inner panels

for storage of flat tools. Tan finish. 100 lbs.

Includes 60-piece tool holder set & 2 keys.

Shown w/tools, sold separately.

Stk.	Mfr.	Overall Size	Price
492880	50260TX	44"W x 39-3/8"H x 11-13/16"D	\$1,349.00



21" Metal Cabinet

Edsal Work surface with back and end stops to prevent tools from sliding off. Top easily reverses to give a flat working surface. 3 shelves adjust on 1-1/2" centers. Heavy-gauge steel construction and all-steel components. Industrial powder-coated gray finish.

Stk.	Mfr.	Overall Size	Price
379572	630	21"W x 15-1/2"D x 34"H	\$231.00



28" Steel Wall Cabinet

Craftsman Locking cabinet with baked red enamel resists rust and corrosion. Pre-drilled holes are spaced on 16" and 24" centers. 1 fixed shelf supports up to 30 lbs. Opening for electrical cord. Some assembly required.

Stk.	Mfr.	Item	Price
305605	10131	28"W x 12"D x 28"H	\$230.00



30" Clear View Wall Cabinet

Sandusky Lee Steel cabinet attaches to a wall to save floor space. Doors are spot welded at inside corners and full-length welded for rigidity. Felt pads protect paint and assure quiet closure. Clear acrylic panels in doors allow easy viewing of contents locked inside.

Cabinet has triple-formed sides for stability. Shelf adjusts at 2" increments, reverses for tray effect and can be elevated at back for slanted shelf. Shelf capacity 150 lbs. Putty powder-coated finish.

Includes 3-point locking handle w/key & adjustable shelf w/clips

Shown w/supplies, not included.

Stk.	Mfr.	Overall Size	Price
770030	WAIV-301226-07	30"W x 12"D x 26"H	\$445.00



30" Storage Cabinet w/Fixed Shelves

Sandusky Lee Welded steel cabinet with locking doors safely store equipment and supplies. Doors are spot welded at inside corners and full-length welded for rigidity. Felt pads protect the paint and assure quiet closure. Locking cam handle secures the cabinet.

Cabinet has triple-formed sides for stability. 3 fixed shelves are interlocked within the side break and welded. Powder-coated putty finish.

Stk.	Mfr.	Overall Size	Price
770040	VF31-301872-07	30"W x 72"H x 18"D	\$402.00



30" & 36" 3-in-1 Cabinet Set

Sandusky Lee Cabinets feature 24-ga. welded steel construction. Full length recessed pull handles and recessed push button lock on doors. Multi-granite finish. Tall and base cabinets include 7"H heavy duty legs with levelers. Ships assembled (except legs) in one carton.

Includes

- Tall Cabinet (36"W x 18"D x 79"H) w/1 fixed shelf & 2 adjustable shelves
- Base Cabinet (30"W x 15"D x 37"H) w/1 adjustable shelf, pull-out drawer w/cam lock & 3/4" MDF work top (30"W x 15"D)
- Wall Cabinet (30"W x 12"D x 26"H) w/1 adjustable shelf & mounting hardware

Stk.	Mfr.	Price
770000	3IN1VDPMDf-MGL	\$746.00



36" Metal Adjustable Shelf Cabinet

Montisa Learning Sturdy storage cabinet has 4 adjustable shelves. Doors swing wide for easy accessibility, have 3-point locking handle. Baked enamel finish. Assembly required.

Overall size 36"W x 21"D x 78"H.

Please specify color: gray, forest green or dark tan. Gray will be shipped if not specified.

Stk.	Mfr.	Item	Price
209417	505		\$883.00
209618	508	Extra Shelf	\$42.10



36" Metal Wardrobe Cabinet

Edsal Durable, all steel components cabinet has a full-width, adjustable shelf at top for hats and packages, plus space below to hang 8-15 bulky coats. Shelf is adjustable every 2". Completely finished interior has no sharp edges to damage clothing. Tough industrial powder-coated gray finish. Assembly required.

Shown w/supplies, not included.

Stk.	Mfr.	Overall Size	Price
379640	7003GY	36"W x 18"D x 72"H	\$388.00

Attach Tall Storage Cabinets to the wall for added safety.



36"W Heavy-duty Industrial Storage Cabinets

Edsal Smooth panel constructed of 16 gauge steel frame for superior rigidity. Welded door frame for lasting alignment. Chrome locking handle with 3-point

latching doors for highest security. Fully enclosed base with 2 leg levelers to compensate for uneven floor conditions. Industrial powder-coated gray finish. Assembly required.

Shown w/supplies, sold separately.

Counter Height Cabinet Counter height top cabinet includes 2 adjustable shelves & 4-knuckle hinges.

Stk.	Mfr.	Overall Size	Price
379627	3006GY	36"W x 18"D x 42"H	\$390.00
379628	3007GY	36"W x 24"D x 42"H	\$437.00

Combination Cabinet Storage/wardrobe cabinet with 1 full-width shelf, 4 adjustable shelves (on 2" centers). Channel reinforced doors w/ hidden hinges.

Stk.	Mfr.	Overall Size	Price
379624	3004GY	36"W x 18"D x 78"H	\$598.00
379625	3005GY	36"W x 24"D x 78"H	\$666.00

Storage Cabinet Cabinet includes 4 adjustable shelves and 4-knuckle hinges.

Stk.	Mfr.	Overall Size	Price
379615	3000GY	36"W x 18"D x 78"H	\$538.00
379620	3002GY	Extra Shelf 36"W x 18"D	\$31.60
379616	3001GY	36"W x 24"D x 78"H	\$600.00
379621	3003GY	Extra Shelf 36"W x 24"D	\$38.80



36"W & 48"W Standard Series Metal Cabinets

Tennsco Heavy-duty cabinet has reinforced doors with extra wide reinforcement for added rigidity. Enclosed, raised base keeps contents from contact with floor moisture. Built-in shelf tabs for easy adjustments. Chrome handle activates 3-point locking feature on both doors. Heavy-duty leaf hinges door maintain door alignment. Medium gray finish. Assembly required.

Shown w/supplies, sold separately.

Counter Height Cabinet Includes 2 adjustable shelves.

Stk.	Mfr.	Overall Size	Price
892580	1442	36"W x 18"D x 42"H	\$313.00

Combination Cabinet Includes hang bar, 1 full-width & 4 adjustable shelves.

Stk.	Mfr.	Overall Size	Price
892602	1472	36"W x 18"D x 72"H	\$423.00

Storage Cabinet Includes 4 adjustable shelves.

Stk.	Mfr.	Overall Size	Price
892600	1470	36"W x 18"D x 72"H	\$396.00
892605	1480	36"W x 24"D x 72"H	\$471.00

Jumbo Cabinet Includes 4 adjustable shelves.

Stk.	Mfr.	Overall Size	Price
892620	J1878A-N	48"W x 18"D x 78"H	\$562.00
892622	J2478A-N	48"W x 24"D x 78"H	\$607.00



38"W Pocket Door Cabinets w/Bins

Edsal Rugged 16 gauge welded steel construction pocket door cabinets. Removable heavy-duty

plastic bins suspend from removable steel-louvered panels. 4" deep pocket doors with extra heavy-duty hinges open 270° and accommodate bins and/or 30 pound capacity adjustable shelves (on 2" centers). Cabinets come complete with padlock hasp (padlock not included), leveling feet and bins. Gray cabinet with yellow bins

Overall size 38"W x 24"D x 72"H

Shown with supplies, sold separately.

64 Bins Includes 2 adjustable interior shelves (ea. 37-1/2"W x 18"D x 2"H) & 6 door shelves (ea. 18-3/8"W x 3-3/4"D x 3/4"H), plus Bins: (48) 4-1/8"W x 7-3/8"D x 3"H, (16) 8-1/4"W x 14-3/4"D x 7"H.

Stk.	Mfr.	Price
379652	BC6203G	\$1,594.00

96 Bins Includes 4 adjustable shelves (ea. 37-1/2"W x 18"D x 2"H), plus Bins: (96) 4-1/8"W x 5-3/8"D x 3"H.

379651	BC6202G	\$1,504.00
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132 Bins Includes bins: (48) 4-1/8"W x 5-3/8"D x 3"H, (48) 4-1/8"W x 7-3/8"D x 3"H, (18) 5-1/2"W x 10-7/8"D x 5"H, (12) 8-1/4"W x 14-3/4"D x 7"H, (6) 16-1/2"W x 14-3/4"D x 7"H.

379650	BC6200G	\$1,811.00
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39"W Metal Tool Cabinet w/Pegboard

Kennedy Gray welded steel cabinet (16 ga.) with full-length pegboard panels on doors. 1 fixed and 3 adjustable full-width shelves (ea. 36"W x 21"D x 1-3/4"H) with 400 lb. capacity. 3-point locking doors.

Shown w/tool holders (Stk. 492900), sold separately.

Stk.	Mfr.	Overall Size	Price
492840	10350UGY	39-1/4"W x 23-1/4"D x 76"H	\$1,729.00

60-Piece Tool Holder Set Includes 33 assorted single hooks, 9 assorted double hooks, 4 assorted pliers hooks, 10 assorted spring clips, ring hook, screwdriver unit, wrench rack & Allen key unit.

Stk.	Mfr.	Price
492900	99853	\$192.00



39"W Mini Workshop Cabinet

Kennedy Gray welded steel cabinet (16 ga.) with full-length pegboard panels on doors and cabinet back. 3 full-width drawers (ea. 34-5/8"W x 17-3/8"D x 4"H) with 165 lb. capacity glides on steel roller bearings.

- Safety latches on drawers
- Easy-pull drawer handles (w/label holders)

- 3-point locking doors
- Maple butcher block maple work surface (36"W x 20"D x 1-1/2"T)
- Full-width adjustable shelf (35-7/8"W x 19-5/8"D) w/220 lb. capacity

Includes 60-Piece Tool Holder Set w/33 asst. single hooks, 9 asst. double hooks, 4 asst. pliers hooks, 10 asst. spring clips, ring hook, screwdriver unit, wrench rack & Allen key unit.

Shown w/tools & supplies, sold separately.

Stk.	Mfr.	Overall Size	Price
492885	50301UGY	39-1/4"W x 23-1/4"D x 76"H	\$2,670.00



48"W Industrial Metal Jumbo Cabinet

Edsal Extra wide for big storage jobs. Cabinet has 13 more cu. ft. of storage compared to 36"W units. Features 4 shelves that adjust every 2". Reinforced doors with 3-point locks. Chrome handle with lock. Extra heavy-duty construction with all steel components. Industrial powder-coated gray finish. Assembly required.

Shown with supplies, sold separately.

Stk.	Mfr.	Overall Size	Price
379632	4000GY	48"W x 24"D x 78"H	\$771.00

STORAGE



Key Storage Cabinet

Master Lock Heavy-duty 120-count rekeyable key cabinet. Heavy-duty steel construction with full length, hinged door and built-in slotted key racks. Durable powder coated cabinet finish, Rekeyable wafer cylinder lock with improved pick resistance. Key retaining security insures key cannot be removed until cabinet is locked.

Includes 2 keys, key holders, cross reference chart and installation hardware.

Stk.	Mfr.	Overall Size	Price
145100	7126D	13"W x 3-1/4"D x 17"H	\$146.00



Literature Rack

Durham Sturdy 20-pocket all steel rack is designed to keep literature upright and eliminate paper curl. Each pocket holds 150 sheets of literature (8-1/2" x 11" ea.) the top 2-1/2" exposed for easy identification. Keyhole slots for easy wall mounting. Gray color.

Overall size 9-3/4"W x 4"D x 58-1/2"H.

Stk.	Mfr.	Pockets	Weight	Price
345050	400-95	20	30 lbs.	\$145.00

Rack Base Optional pre-assembled base makes rack freestanding.

345055	408-95-A			\$26.50
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Dura-Hang Brackets Optional brackets are adjustable to fit up to 3-3/8" wide office partitions. 2/pkg.

345065	445			\$16.20
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Oak Rotary Literature Rack

Safco 48-Pocket solid wood display rack rotates 360° for easy access to materials. Scoop design allows maximum visibility and easy retrieval.

Overall size 17-3/4"W x 7-3/4"D x 49-1/2"H.

Stk.	Mfr.	Pockets	Weight	Price
770875	4335MO	48	75 lbs.	\$740.00



Steel Rotary Literature Rack

Durham Sturdy 4-sided all steel rack rotates on ball-bearing turntables making all materials easily visible and accessible. When standard 8-1/2" x 11" literature is displayed, the top 2-1/2" is exposed for easy identification. Gray color.

Overall size 14-1/8"W x 14-1/8"D x 60-3/4"H.

Stk.	Mfr.	Pockets	Weight	Price
345060	416-95	80	101 lbs.	\$662.00



Magazine & Pamphlet Display

Safco Reveal™ wall-mountable, see-through display with 18 pockets (1-3/4"D ea). 12 pockets hold pamphlets (4-1/4"W x 9-3/8"H ea.), and 6 pockets hold magazines (9-1/4"W x 11-1/4"H). Thermoformed 1-piece units have no sharp edges or corners.

Overall size 30"W x 2"D x 45"H.

Includes mounting hardware.

Stk.	Mfr.	Pockets	Weight	Price
770882	5600CL	18	12 lbs.	\$325.00



Wire Mobile File

Safco Designed to accommodate letter or legal-size hanging folders and rolls easily on 4 swivel casters (2 locking). Wire steel construction. Black.

Shown w/file folders, not included.

Stk.	Mfr.	Overall Size	Price
770876	5201BL	14"W x 24"D x 20-1/2"H	\$95.50



4-Drawer File Cabinet

Sandusky Lee Full-drawer extension for easy file retrieval. Steel ball-bearing slide suspension, a single lock secures all drawers.

- Spring-loaded follower block in each drawer
- High drawer sides accommodates files
- Anti-tipping interlocking system allows 1 drawer opening at a time
- All-steel construction w/powder-coated finish

- Label holders for easy identification
- 5-yr. mfr.'s warranty

Includes 2 keys & 4 floor levelers.

Letter Overall size 15"W x 26-1/2"D x 52"H

Stk.	Mfr.	Color	Price
770045	VFLT264-07	Putty	\$380.00
770047	VFLT264-05	Dove Gray	\$380.00

Legal Overall size 18-1/4"W x 26-1/2"D x 52"H

Stk.	Mfr.	Color	Price
770046	VFLG264-07	Putty	\$414.00
770048	VFLG264-05	Dove Gray	\$414.00



Full-pull Lateral File Cabinets

Sandusky Lee Full-drawer extension on 3 steel telescoping ball-bearing slides. Drawer for letter or legal files uses side-to-side hanging rails (front to back filing requires Cross Bar Kit, sold separately).

- Single lock secures both sides of each drawer

- Rolled-edge drawer sides for rigidity & safety
- Steel, double-wall reinforced drawer fronts for extra stability
- Anti-tipping interlocking system allows 1 drawer opening at a time
- ANSI/BFMA rated
- Powder-coated finish

Overall size 36"W x 19-1/4"D.

Includes 2 keys & 4 adjustable foot glides.

Stk.	Mfr.	Item	Size	Color	Price
770017	LF8F362-07	2 Drawers	29"H	Putty	\$497.00
770018	LF8F364-07	4 Drawers	54"H	Putty	\$853.00
770022	LA99000	Cross Bar Kit			\$25.50



Lateral File Cabinets

Mayline Full-drawer extension on steel ball bearing telescoping slides. Anti-tipping drawer interlock system that allows only 1 drawer open at a time. Full width, recessed drawer pull. Side to side rails support letter, legal or A4 filing. All files ship keyed random. Features

adjustable leveling glides. Counter weight included to meet ANSI/BIFMA stability requirements. Desert Sage.

2-Drawer

Stk.	Mfr.	Overall Size	Price
146049	HLT362	36"W x 18-5/8"D x 28"H	\$614.00

3-Drawer

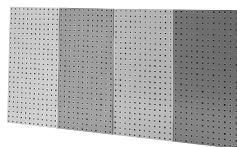
146050	HLT363	36"W x 18-5/8"D x 40-1/4"H	\$718.00
146053	HLT423	42"W x 18-5/8"D x 40-1/4"H	\$748.00

4-Drawer

146051	HLT364	36"W x 18-5/8"D x 52-1/2"H	\$865.00
146054	HLT424	42"W x 18-5/8"D x 52-1/2"H	\$912.00

5-Drawer

146052	HLT365	36"W x 18-5/8"D x 67-5/8"H	\$1,017.00
146055	HLT425	42"W x 18-5/8"D x 67-5/8"H	\$1,089.00



Tool Board Wall Panels

Kennedy Reinforced steel panels with square hole perforations for the heaviest tool storage. Panels can be attached to a variety of surfaces and racks. Durable baked-on finish is chip resistant. Comes in a set of 2 panels.

Tool Holders (Stk. 492900), sold separately.

Stk.	Mfr.	Overall Size	Color	Price
492870	50002TX	18"W x 36"H	Tan	\$130.00
492871	50002UGY	18"W x 36"H	Gray	\$130.00

60-Piece Tool Holder Set Includes 33 assorted single hooks, 9 assorted double hooks, 4 assorted pliers hooks, 10 assorted spring clips, ring hook, screwdriver unit, wrench rack & Allen key unit.

Stk.	Mfr.	Price
492900	99853	\$192.00

MOBILE STORAGE



Interactive Mobile Media Cabinet

Shain Solid maple-framed media cabinet with chemical-resistant maple veneer can store, move and allow the use of many electronic devices at 1 time. Light assembly required.

- 2 locking dovetailed drawers (34"W x 18"D x 5"H)

- 2 locking cabinets (34-1/2"W x 19-1/2"D x 19-1/2"H ea.) w/adjustable shelves for projectors, printers, laptops, PCUs & supplies
- Chemical-resistant, easy-clean phenolic resin top w/monitor cutout (21-3/4"W x 17-1/4"D x 1"H)
- View monitor (not included) with flat panel monitor arm or inside cabinet through slip-in Plexiglas panel cover (slip-in Phenolic panel covers monitor opening when Plexiglas panel is not in use)
- Back doors provide venting & access to 8-outlet power-strip
- Features pullout keyboard tray, 2 data ports, extension cord, duplex outlet & inlet plug
 - Cable holes throughout cabinet
- Venting through bottom of cabinet
 - 6 locking swivel caster

Stk.	Mfr.	Overall Size	Price
155007	4544M	72"W x 28"D x 36"H	\$3,297.00



Plasma / LCD TV Stand

Sandusky Lee Fully-enclosed locking cabinet protects a 32" to 46" plasma or LCD flat panel TV. Durable, welded steel construction with embossed doors on top and bottom sections. Sand color powder-coated finish. Vented back.

- Top section opening is 43"W x 30"H

- Tilting universal mount w/hardware
- Mobile w/industrial-grade, patented caster base
- Removable rear panel allows access to equipment, plus 2 lower cord exits

Shown w/top doors open.

Stk.	Mfr.	Overall Size	Price
770020	IAPF-462466-04	46"W x 24"D x 72"H (w/casters)	\$1,137.00



Scoot™ Open Flat Panel Multimedia Cart

Safco Securely moves up to 42" flat panel TV or monitor. Rugged steel construction resists damage. Side shelf holds laptop or small equipment. Built-in surge protector (UL listed) helps keep cables contained. Assembly required.

- Detachable, adjustable file pocket to hold presentation materials

- 4 casters (2 locking)
- 2 shelves
- Mfr.'s limited lifetime warranty

TV not included.

Stk.	Mfr.	Overall Size	Price
770940	8940BL	39-1/2"W x 27"D x 37-1/2"H	\$655.00



Mobile Flat Screen Computer Security Cabinet

Sandusky Lee Fully-welded flat screen LCD cabinet features upper, lower and rear locking sections, plus roll-out keyboard shelf (20"W x 15-1/2"D x 2"H).

Upper compartment (25-1/4"W x 22-3/4"D x 23-3/4"H) has clear Plexiglas® window (16"W x 15-1/2"H). Tilting VESA mount fits up to 25" flat panel displays. Shipped set up.

- Lower section w/pull-out printer shelf (21"W x 23"D x 24-1/2"H, adjusts on 2" centers)
- 22 ga. steel w/dove gray powder-coated finish
- Wire management & ventilation cut-outs between & behind upper/ lower compartments
 - Cabinet supports 150 lbs.
- Cooling fan
 - 4 heavy-duty 5" locking swivel casters

Computer equipment not included.

Stk.	Mfr.	Overall Size	Price
770025	SFDJG2663	26"W x 24"D x 63"H (w/casters)	\$854.00



Mobile Laptop Cabinet

Mayline Stores and transports up to 24 laptop computers. Scratch resistant laminate top that offers a convenient work surface. Lockable 2-door cabinet offers secure storage. Perforated steel doors and panels allow proper ventilation while offering an attractive appearance.

Cabinet includes 2 UL-listed multi-socket power strips that provide a total of 24 outlets. Shelves are height adjustable in 1-1/4" increments. 2 push handles for easy steering. Moves easily on heavy duty casters (2 locking). Gray. Assembly required.

Laptops not included.

Stk.	Mfr.	Overall Size	Laptop Bays	Price
146005	LC10I	50-1/2"W x 26-1/2"D x 40"H	24	\$979.00

407470 sample, actual cab. has 36 bays

Front 407473 Back



Solutions Laptop Storage Carts

Fleetwood High quality, rugged storage carts for laptops. Light oak laminate body with black edge. Shipped set up.

- Locking doors
- 5" casters
- Mfr.'s full lifetime warranty

Cabinet Only 6 full-width laminate shelves & 4 locking casters. Overall size 48"W x 24"D x 36"H.

Stk.	Mfr.	Overall Size	Laptop Bays	Price
407470	28.2000.218.000		36	\$1,213.00

Cabinet w/Charging Unit Steel laptop supports, 2 locking & 2 non-locking casters. Overall size 36"D x 24"H. Bay size 14"W x 13"D x 2-3/4"H.

Stk.	Mfr.	Overall Size	Laptop Bays	Price
407471	28.2001.218.000	46"W	18	\$1,989.00
407472	28.2101.218.000	31"W	12	\$1,751.00

Cabinet w/Dual Bank Charging Unit Steel laptop supports, 2 locking & 2 non-locking casters. Overall size 46"W x 36"D x 24"H. Bay size 14"W x 13"D x 2-3/4"H.

Stk.	Mfr.	Overall Size	Laptop Bays	Price
407473	28.2201.218.000		30	\$2,617.00

Mobile Demonstration Bench w/Mirror

Hann An ideal bench when space for classroom demonstrations are at a minimum. Constructed of maple framing and birch panels. Natural finish. (Light assembly required).

- Durable plastic laminate top (47-3/4"W x 24"D x 36"H)
- Overhead mirror of tempered glass rotates 360° (28"W x 22-5/8"H)
- Sturdy mirror mounts bolt to bench top

- Master-keyed locking storage door
- 2 adjustable-height Fibersin drop leaves (16"W x 20"D x 13/16"T ea.)
- Heavy-duty brackets on drop leaves (ea. supports an overhead projector)
- 4 master-keyed locking dovetailed drawers
- 5 metal door handles
- 2 adjustable storage shelves
- Hand built 1 at a time

Overall size (w/drop leaves open) 79-3/4"W x 24"D x 36"H (w/out mirror).

Includes mirror, hardware & 5" locking swivel casters.

Stk.	Mfr.	Price
439275	BC-148MD	\$1,560.00

Mobile Demonstration Cabinets

Shain Use as an instructor's demonstration bench during classroom activities, and to secure equipment and supplies. Maple plywood cabinet easily rolls on 4" locking swivel casters. Earth-friendly, UV finish. Shipped set-up.

- 1/1/4"T Chemguard Top
- 1 adjustable shelf

Overall size 36"W x 24"D x 33"H.

Stk.	Mfr.	Item	Price
155882	MDC-2436C	Open Cabinet	\$651.00
155957	EMDC-2436C	Cabinet w/Locking Doors	\$890.00



Mobile Art Storage Cabinet

Hann Features 4 drawers and a cupboard with 4 shelves. Mobile unit is furnished with 2 large tote trays and locking casters. Fibersin top is 1-1/4" thick. Natural finish.

Stk.	Mfr.	Overall Size	Price
439256	AC-137M	36"W x 24"D x 37-1/4"H	\$912.00



Mobile Shop Cart

Hann Portable unit is ideal for a variety of shop applications, such as woodworking, tech ed and arts and crafts. Constructed of maple framing and birch paneling with natural finish. 1-3/4"T maple top can support vises (sold separately). Right end is fitted with 1/4" pegboard and hooks for tool mounting.

Supplied with 4" casters and brakes. 2 locking drawers and double locking doors with 1 adjustable shelf.

Stk.	Mfr.	Overall Size	Price
439535	WRB-2	36"W x 22"D x 34"H	\$1,063.00



Mobile Oak Cabinets

SMI Practical, versatile mobile organizers help keep all your supplies in 1 ready-to-use cabinet (taboret). Constructed of highest quality oak and oak veneers then finished with clear lacquer. Drawers have tempered hard bottoms and polished brass pulls.

Includes 4 heavy-duty 2-wheel casters (2 locking) & drawer pulls.

Classic Style Traditional design w/2" raised wood rails around top. Overall size 17-3/8"W x 17-5/8"D.

Stk.	Mfr.	Item	Drawer Size	Price
832000	TB500	5 Drawers,	13-1/2"W x 13-3/4"D (3 @ 1-3/4", 1 @ 4-1/2", 1 @ 7-1/11/16")	\$450.00
832010	TB700T	7 Drawers,	13-1/2"W x 13-3/4"D (3 @ 1-3/4", 3 @ 3-1/2", 1 @ 7-1/11/16")	\$660.00

Vanguard Style Contemporary, stackable, holds media up to 13" x 19". Overall size 22-1/4"W x 16-1/2"D x 27"H.

Stk.	Mfr.	Item	Drawer Size	Price
832015	TB700	7 Drawers	19-3/4"W x 13-1/2"D (6 @ 1-3/4", 1 @ 4-5/8")	\$518.00



Mobile 24-Tote Tray Cabinets

Shain Maple plywood locking cabinet keeps materials organized and secure. Constructed of maple framing and panels w/4" locking swivel casters. Earth-friendly, UV finish.

Overall size 47"W x 22"D x 51"H.

Open Cabinet

Stk.	Mfr.	Trays	Tray Size	Price
155942	MTTC-4824	24	14-1/2" x 19" x 3-1/2"	\$1,629.00

Cabinet w/Locking Doors

Stk.	Mfr.	Trays	Tray Size	Price
155985	MTTC-4824WD	24	14-1/2" x 19" x 3-1/2"	\$1,653.00

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Mobile 24-Tote Tray Storage Cabinet

Hann Ideal cabinet for arts and crafts rooms or labs. Constructed of maple framing and panels with 5" locking swivel casters. Natural finish. Hand built 1 at a time. Shipped set-up.
Overall size 48"W x 22"D x 47"H.

Open Cabinet

Stk.	Mfr.	Trays	Tray Size	Price
439370	SC-4824	24	13-1/4"W x 19"D x 3-1/2"H	\$1,360.00

Cabinet w/Locking Doors

439371	SC-4824WD	24	13-1/4"W x 19"D x 3-1/2"H	\$1,480.00
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Mobile 12-Tote Tray Cart

Hann Sturdy cart features fully welded front and rear steel frames w/casters. Tote tray runners allow trays to be partially opened and accessed without falling out. Cart's lipped top is perfect for transporting additional tote trays and supplies.

Overall size 41"W x 17"D x 29"H.

Stk.	Mfr.	Trays	Tray Size	Price
439325	MSTT-212W	12	16"W x 16"D x 3"H	\$833.00



Sheerline Mobile Cabinets

Fleetwood High quality, rugged cabinets. Provides extra cabinet space in classrooms to storage for science experiments or art projects, to teacher cabinets that move from classroom to classroom throughout the day. Light oak laminate with black frame and edge. Shipped set-up.

- Steel reinforced cabinet to stand up in more intense-use situations
- Welded steel U-Frame end assembly construction; steel supports for top & bottom
- 5" non-locking swivel casters centered in outside frame for greater stability
- Mfr.'s full lifetime warranty • 3/4" laminate panels

Tote Tray Cabinets Cabinet with high impact plastic trays.

Stk.	Mfr.	Overall Size	Trays	Price
407422	15.4200.118.120	48"W x 22"D x 34"H	12	\$1,120.00
407423	15.4200.118.200	48"W x 22"D x 34"H	20	\$1,315.00

Tote Tray Cabinet w/Doors Cabinet with locking doors & high impact plastic trays.

407426	15.4300.118.270	48"W x 22"D x 60"H	27	\$2,175.00
407427	15.4300.118.450	48"W x 22"D x 60"H	45	\$2,553.00

Cabinet w/Sliding Doors Cabinet with 1 adjustable shelf and sliding non-locking doors.

407430	15.2634.118.000	48"W x 22"D x 34"H		\$882.00
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Cabinets w/Doors & Drawer Cabinet with non-locking drawer, sliding non-locking doors, steel shelves and drawers.

407420	15.2100.118.000	48"W x 22"D x 34"H		\$983.00
407421	15.2200.118.000	48"W x 28"D x 34"H		\$1,075.00

Cabinets w/Doors Cabinet with 5 adjustable steel shelves and locking doors.

407440	15.5036.118.000	36"W x 22"D x 72"H		\$1,470.00
407441	15.5038.118.000	48"W x 22"D x 72"H		\$1,624.00



Mobile Storage Cabinet

Hann Heavy-duty cabinet constructed of maple framing and panels. Cabinet includes 3 full-width adjustable shelves. 3/4"T hardwood panel overlay doors. Shipped set-up.

- Master-keyed locking doors
- Three 270° hinges on each door
- 2 recessed door handles
- 4" locking casters
- Natural finish
- Hand built 1 at a time

Overall size 48"W x 22"D x 66"H.

Stk.	Mfr.	Price
439350	SC-200M	\$1,440.00

Mobile Storage Cabinet w/8 Tote Trays



Hann Heavy-duty cabinet constructed of maple framing and panels. Cabinet includes 1 full-width shelf, 2 adjustable shelves (30"W) and 7 hardboard shelves. 3/4"T hardwood panel overlay doors. Shipped set-up.

- Master-keyed locking doors
- Three 270° hinges on each door
- 2 recessed door handles
- 4" locking casters
- Natural finish
- Hand built 1 at a time

Includes 8 trays (12-1/4"W x 3"H x 16-3/4"L).

Stk.	Mfr.	Price
439353	SC-231TTM	\$1,665.00



Mobile Storage Cabinet w/8 Tote Trays & Pegboard

Hann Heavy-duty cabinet constructed of maple framing and panels. Cabinet includes pegboard, 3 full-width shelves (2 adjustable & 1 fixed) and 8 tote trays. 3/4"T hardwood panel overlay doors.

- Master-keyed locking doors
- Three 270° hinges on each door
- 2 recessed door handles
- 4" locking casters
- Natural finish
- Hand built 1 at a time

Includes 5 medium & 3 large tote trays.

Stk.	Mfr.	Price
439440	TS-200M	\$1,530.00



Mobile Storage Cabinet w/24 Tote Trays

Hann Heavy-duty cabinet constructed of maple framing and panels. Cabinet includes 1 full-width shelf. 3/4"T hardwood panel overlay doors. Shipped set-up.

- Master-keyed locking doors
- Three 270° hinges on each door
- 2 recessed door handles
- 4" locking casters
- Natural finish
- Hand built 1 at a time

Includes 24 tote trays (13-3/4"W x 3"H x 19"L).

Stk.	Mfr.	Price
439352	SC-230TTM	\$1,935.00



Extra Large Mobile Cabinet

Shain Maple plywood cabinet with 2 fixed & 2 adjustable shelves. 3-point locking doors. Unit moves easily on 4" locking swivel casters. Earth-friendly, UV finish. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
155875	MSSC-200	48"W x 22"D x 66"H	\$1,198.00



Mobile Cabinet w/5 Shelves

Fleetwood Rugged mobile shelf cabinets with full width doors and 4 non-locking casters. Provides extra cabinet space that may be moved from classroom to classroom. Light oak laminate with light oak laminate trim. Shipped set up.

- 270° hinged doors
 - All shelves are adjustable
 - 5" non-locking swivel casters
 - Panel-on-panel laminate construction
 - Mfr.'s full lifetime warranty
- Overall size 48"W x 68"H x 24"D.

Stk.	Mfr.	Item	Price
407500	97.1183.101.000	Cabinet w/Non-locking Doors	\$1,236.00
407501	97.1183.101.002	Cabinet w/Locking Doors	\$1,268.00



Double Drawer Metal Cart

Edsal Designed with maximum rigidity, allowing drawers to operate easily under any condition. Drawers measure 15"W x 23"D x 4-5/8"H. Recessed handles w/padlock attachment (*padlocks sold separately*) Four 3" dia. swivel casters. Tough powder-coat industrial gray finish. All steel components.

Shown with supplies, sold separately.

Stk.	Mfr.	Overall Size	Price
379680	TT1824-2	18"W x 24"D x 34-1/2"H	\$294.00



Book Trucks

Sandusky Lee Single-sided cart features 3 sloped shelves (12"H ea.). All-welded steel for strength to store and transport books, reference materials, binders, videos, etc. Putty color. Meets ANSI/BIFMA Standards.

Stk.	Mfr.	Overall Size	Price
770027	SL33017-07	17"W x 13"D x 42"H	\$308.00
770028	SL327-07	27"W x 13"D x 42"H	\$314.00



Metal Service Carts

Tennsco Rugged cart constructed of 16 ga. steel support brackets and 20 ga. steel trays with 3/8" lip for extra strength. Assembly required.

- Reversible top/bottom trays (ea. 3-1/4"H) provide flat work surface
- 5" hard rubber wheels (2 swivel, 2 fixed) for 360° turns
- 500 lb. capacity.

Stk.	Mfr.	Overall Size	Price
892660	SC-1630	16"W x 30"D x 32"H	\$146.00
892661	SC-2436	24"W x 36"D x 32"H	\$184.00



Resin Service Carts

JET Heavy-duty resin construction resists dents, chips and rust. Handle has built-in storage bins. Rounded corners protect walls and furniture from nicks. 5" quiet, non-marking casters. 550 lb. capacity.

Stk.	Mfr.	Overall Size	Price
485990	PUC-3117	39-3/4"W x 17-1/8"D x 33-1/2"H	\$207.00
485991	PUC-3725	46"W x 25-5/8"D x 33-1/2"H	\$259.00



Heavy-duty Resin Utility Cart

Craftsman Cart stands up in harsh environments and won't scratch or mar surfaces. Two 3"D shelves keep tools in place. Molded handle and 5" casters. 300 lb. capacity. Assembly required.

Stk.	Mfr.	Overall Size	Price
305782	59732	34-1/2"W x 17-1/2"D x 33-3/4"H	\$206.00

LOCKERS



Citadel Multiple Tier Lockers

Edsal Lockers are constructed of 24 and 18 ga. steel, with all steel components. Industrial powder-coated gray finish. Assembly required.

- Pin-type hinges are securely welded to frame & secured to doors w/2 fasteners
- Individual compartment doors feature a strong steel hasp assembly
- Ventilation louvers
- Built-in cylinder lock &/or padlock secures doors
- All doors are right-hand hinged

Padlock, locks & number plates sold separately.

12" x 12" x 12" Locker Openings Overall size 36"W x 12"D.

Stk.	Mfr.	Lockers	Tiers	Sections	Overall Size	Price
379661	CL5103GY	15	5	3	60"H	\$762.00
379665	CL5123GY	18	6	3	72"H	\$893.00

12" x 15" x 12" Locker Openings Overall size 36"W x 15"D.

Stk.	Mfr.	Lockers	Tiers	Sections	Overall Size	Price
379663	CL5113GY	15	5	3	72"H	\$776.00
379667	CL5133GY	18	6	3	72"H	\$915.00

Number Plate



Edsal Polished aluminum plates w/black numbers. Easily attaches to single tier, double tier & box lockers. **For Citadel lockers only.**

Stk.	Mfr.	Price
379700	X100	\$1.16

Manual Locking Deadbolt



Master Lock Designed for lift handle, turn handle and single point latch/box horizontal latch locker doors with hinges on right. Manual deadbolt locking. Secure, easy to dial 3-digit combination. Longer useful life with 5 different pre-set combinations; easily changed to maintain security. Locks are shipped directly from factory.

Please specify series number if maintaining control w/present master key.

Stk.	Mfr.	Item	Price
145335	1670		\$20.10
145402	1670K	Control Key	\$4.50



Flat Key Lock

Edsal Built-in grooved lock w/2 keys.

Fits single & double tier Citadel lockers only.

Stk.	Mfr.	Price
379580	1710	\$30.10



Combination Locks

Master Lock BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent reopening of lock.

For security reasons, all Master combination locks are shipped direct from factory.

Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
145067	I502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$7.34

Keyed Lock For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

145134	I525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$8.22
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Control Key

145000	I525K			\$4.49
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Laminated Padlocks

Master Lock Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.

No. 7 Hardened boron shackle. Body 1-1/8"W.

Shackle 3/16" dia. x 9/16"H x 1/2"W. Cylinder 4-pin W7.

Stk.	Mfr.	Item	Series No.	Price
144984	7	Keyed Different		\$9.09
144987	7KA	Keyed Alike	P605	\$10.30
144988	7MK	Master Keyed	M30	\$15.10
144986	K7	Master Key Only	M30	\$4.38

No. 3 Body 1-9/16"W. Shackle 9/32" dia. x 3/4"H x 5/8"W.

Cylinder 4-pin W1.

144980	3	Keyed Different		\$10.40
144981	3KA	Keyed Alike	3769	\$12.60
144982	3MK	Master Keyed	SM742	\$17.40
144970	K1	Master Key Only	SM742	\$4.38

No. 1 Body 1-3/4"W. Shackle 5/16" dia. x 15/16"H x 3/4"W.

Cylinder 4-pin W1.

144950	1	Keyed Different		\$12.60
144951	1KA	Keyed Alike	2510	\$12.50
144952	1KAMK	Master Keyed	AF	\$18.10
144953	K1	Master Key Only	AF	\$4.38

No. 15 Body 2-1/2"W. Shackle 7/16" dia. x 1-1/4"H x 1-3/16"W.

Cylinder 5-pin W15.

144990	I5	Keyed Different		\$27.20
144991	I5KA	Keyed Alike	10N150	\$28.20
144992	I5MK	Master Keyed	M80	\$31.70
144993	K15	Master Key Only	M80	\$4.38

BIN STORAGE SYSTEMS

AkroBins®

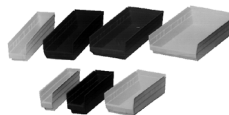


Akro-Mils Designed to hang from Akro-Mils racks, panels, rails and carts. Heavy-duty polypropylene bins are unaffected by weak acids and alkalis. Autoclavable up to 250°F. Large label slot and full-width hanger lip supports bin when suspended from panels or racks

to hold heavy loads. Reinforced ribs add strength and prevent spreading. Extra-wide stacking ledge assures stability. Anti-slide stop prevents stacked bins from shifting forward. Curved bottoms at front allow easy retrieval of small items.

Stk.	Mfr.	Overall Size	Price
194265	30-210	5-3/8"L x 4-1/8"W x 3"H	\$2.67
194266	30-220	7-3/8"L x 4-1/8"W x 3"H	\$4.77
194267	30-230	10-7/8"L x 5-1/2"W x 5"H	\$12.00
194268	30-235	10-7/8"L x 11"W x 5"H	\$18.50
194269	30-239	10-3/4"L x 8-1/4"W x 7"H	\$19.90
194270	30-240	14-3/4"L x 8-1/4"W x 7"H	\$23.70
194271	30-250	14-3/4"L x 16-1/2"W x 7"H	\$27.70

Shelf Bins

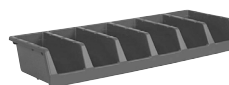


Akro-Mils Polypropylene 1-piece molded bins are seamless, waterproof and unaffected by grease or oil. Built-in hang lock allows bin to tilt out for complete access. Convenient front handle contains a molded-in label holder. Edges

are reinforced for additional strength. Shelf Bins nest when empty to save space. Bins are blue.

Stk.	Mfr.	Overall Size	Price
194273	30-110	11-5/8"L x 2-3/4"W x 4"H	\$3.48
194274	30-120	11-5/8"L x 24-1/8"W x 4"H	\$3.84
194276	30-130	11-5/8"L x 26-5/8"W x 4"H	\$6.03
194279	30-150	11-5/8"L x 28-3/8"W x 4"H	\$6.48
194275	30-128	17-7/8"L x 4-1/8"W x 4"H	\$5.22
194277	30-138	17-7/8"L x 6-5/8"W x 4"H	\$7.38
194280	30-158	17-7/8"L x 8-3/8"W x 4"H	\$10.20
194281	30-164	24-5/8"L x 6-5/8"W x 4"H	\$14.80

System Bins™



Akro-Mils Six-bin unit increases efficiency and shortens assembly time when separating and sorting parts. Units work with all Akro-Mils' racks, carts, and shelves (*sold separately*). Sturdy,

1-piece injection molded unit offers interior double-wall construction. Smooth surfaces are easy to fill, handle and clean. Blue.

Stk.	Mfr.	Overall Size	Price
194303	30312	12"L x 33"W x 5"H	\$25.90
194304	30318	18"L x 33"W x 5"H	\$36.00

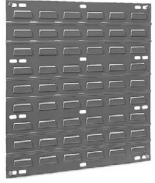
InSight® Clear Storage Bins



Akro-Mils Ultra-clear bin provides easy and maximum visibility to users in a sleek, modern design. Ideal for a variety of storage settings from industrial to healthcare.

- Stack, place on shelving or hang on Akro-Mils rails & louvered panels
- Made of durable polycarbonate material
- Autoclavable
- Large label area

Stk.	Mfr.	Overall Size	Capacity	Price
194305	305A1	5-3/8"L x 4-1/8"W x 3-1/4"H	10 lbs.	\$7.62
194306	305A3	7-3/8"L x 4-1/8"W x 3-1/4"H	10 lbs.	\$8.75
194307	305A5	10-7/8"L x 4-1/8"W x 3-1/4"H	10 lbs.	\$11.70
194308	305B1	10-7/8"L x 5-1/2"W x 5-1/4"H	25 lbs.	\$17.80



Louvered Panels

Akro-Mils Attach panels to walls and shelving, plus mount on benches, carts, inside cabinets, fastened to slotted angle components or truck interiors. Fastens securely to assure adequate load-bearing strength.

Qty. of Shelf Bins to fit panel, shown below.

Size 18"L x 19"H

Stk.	Mfr.	30-210	30-220	30-230	30-235	30-236	30-240	30-250	Price
194288	30-618	16	16	9					\$33.80

Size 35-3/4"L x 19"H

194289	30-636	32	32	18	9	8	8	4	\$44.70
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Steel Rail

Akro-Mils AkroBins are easily removed and rehung on these wall-mounted rails, providing easy access. Accepts 4 AkroBin sizes (up to 11 bins).

Qty. of Shelf Bins to fit rail, shown below.

Overall size 48"L x 3"H.

Stk.	Mfr.	30-210	30-220	30-230	30-235	Price
194278	30-148	11	11	8	3	\$33.30



Louvered Bench Rack

Akro-Mils Ideal for workstations. Accepts 4 sizes of AkroBins.

Qty. of Shelf Bins to fit rack, shown below.
Overall size 27-3/4"L x 8"W x 21"H.

Stk.	Mfr.	30-210	30-220	30-230	30-235	Price
194284	98-600	24	24	12	6	\$78.20



Mobile Bin Cart

Akro-Mils Steel work-surface top (16 ga.) creates a movable work area or repair station. Accepts 7 sizes of AkroBins.

Qty. of Shelf Bins to fit cart, shown below.
Overall size 38-1/2"L x 24"W x 36-1/2"H.

Includes Mobile Kit.

Stk.	Mfr.	30-210	30-220	30-230	30-235	30-236	30-240	30-250	Price
194283	30-812	96	96	48	24	24	24	12	\$648.00



16 Rail Bin Rack

Akro-Mils Complete, expandable storage/organizer systems for small to medium-sized parts and components. Bins are easily removed and rehung on rails for easy access. Single-sided bin racks are designed to be used along walls. Double-sided racks form islands and can be made mobile with the addition of the Mobile Kit (sold separately).

Qty. of Shelf Bins to fit rack, shown below.

1-Sided Overall size 36"L x 14-1/8"W x 53"H. Capacity 250 lbs.

Stk.	Mfr.	30-210	30-220	30-230	30-235	30-236	30-240	30-250	Price
194286	30-008	96	96	48	24	24	24	12	\$289.00

2-Sided Overall size 36"L x 20"W x 53"H. Capacity 500 lbs.

194287	30-016	192	192	96	48	48	24	\$299.00
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Mobile Kit For 2-Sided Rack.

Stk.	Mfr.	Price
194282	30-424	\$171.00



Pick Rack System

Akro-Mils Easy-to-assemble racks provide convenient, high-density storage. Angled shelves keep small parts in the front of the bins for easy viewing and picking. Available as bench, free-standing and mobile units. Baked-enamel gray racks with yellow bins.

Includes bins.

1-Sided Overall size 36"L x 12"W x 21"H.

Bin size 11-5/8"L x 8-3/8"W x 4"H.

Stk.	Mfr.	Shelves	Bins	Price
194298	APRBENCH150	3	12	\$292.00

2-Sided Overall size 36"L x 24"W x 60"H.

Bin size 11-5/8"L x 6-5/8"W x 4"H.

Stk.	Mfr.	Shelves	Bins	Price
194299	APRDI30Y	16	80	\$960.00

Mobile Kits For 2-Side Rack.

Stk.	Mfr.	Price
194300	APRDMOBILE	\$261.00



Bin Rack Assemblies

Edsal Heavy-duty steel shelving units combined with easy-clean polystyrene parts bins are unaffected by most chemicals or oils. Mobile unit rolls on 3" dia. casters.

Includes bins.

7-Shelf Racks Overall size 36"W x 12"D x 42"H.

Stk.	Mfr.	Bins	Bin Size	Price
379678	PB311	24	12"L x 8"W x 4"H	\$233.00
379677	PB310	48	12"L x 4"W x 4"H	\$275.00

13-Shelf Racks, 12"D Overall size 36"W x 12"D x 75"H.

Stk.	Mfr.	Bins	Bin Size	Price
379675	PB308	72	12"L x 8"W x 4"H	\$481.00
379676	PB309	72	(48) 12"L x 4"W x 4"H, (24) 12"L x 8"W x 4"H	\$523.00
379673	PB306	96	12"L x 4"W x 4"H	\$565.00

13-Shelf Rack, 18"D Overall size 36"W x 18"D x 75"H.

Stk.	Mfr.	Bins	Bin Size	Price
379674	PB307	96	12"L x 4"W x 4"H	\$782.00

16-Shelf, 2-Sided Mobile Rack Overall size 36"W x 26"D x 65"H.

Stk.	Mfr.	Bins	Bin Size	Price
379679	PB320	112	(96) 12"L x 4"W x 4"H, (16) 12"L x 8"W x 4"H	\$1,030.00

SMALL PARTS STORAGE



Portable Organizer

Stanley High impact, break resistant crystal clear lid. Unique lid design keeps storage cups locked in place. Removable cup compartments in 3 different sizes. Extra wide handle designed for gloved hands.

Stk.	Mfr.	Size	Bins	Price
841015	014725R	16-1/4"L x 13-1/2"W x 2-1/8"H	25	\$24.00



Portable Organizers

Akro-Mils 2-part case keeps items separate when lid is shut. Lid area holds small parts, main compartment stores larger items. Features adjustable and removable dividers, clear lid, snap locks and handle. Built-in feet hold case upright.

Stk.	Mfr.	Size	Bins	Price
194245	06115	11-15/16"W x 15"L x 3-1/4"H	11-46	\$32.00
194246	06118	13-3/8"W x 18-1/4"L x 3-3/8"H	12-62	\$41.50



Plastic Panel Bins

Safco Highly visible bins are virtually unbreakable and securely snap closed. 5 lb. capacity per bin. Easy access spring-loaded covers keep bins open while in use. Space for labeling. No assembly required.

Stk.	Mfr.	Overall Size	Bins	Price
770884	6110BL	18-1/2"W x 5-1/4"D x 20-1/2"H	9	\$77.50
770886	6112BL	34"W x 5-1/4"D x 20-1/2"H	18	\$138.00
770885	6111BL	34"W x 5-1/4"D x 33"H	30	\$201.00



Plastic Parts Cabinet

Akro-Mils Unbreakable drawers and sturdy frames offer more storage space. Rugged, high impact polystyrene frame resists damage. See through polypropylene drawers are flexible, strong and chemical resistant.

- 2-color frame back interlocks into cabinet's face for strength
- Stackable or wall mountable
- Dividers are molded into cabinet back, simply cut to remove
- 16-drawer cabinet w/8 dividers, others have 8 small/4 large dividers

Stk.	Mfr.	Overall Size	Drawers	Price
194293	10716	6-3/4"L x 10-1/2"W x 8-1/2"H	16	\$23.80
194294	10724	6-3/4"L x 20"W x 15-13/16"H	24	\$43.60
194295	10726	6-3/4"L x 20"W x 10-1/3"H	26	\$38.70
194296	10744	6-3/4"L x 20"W x 15-13/16"H	44	\$44.80
194297	10764	6-3/4"L x 20"W x 15-13/16"H	64	\$50.00



Steel Drawer Storage Units

Durham Prime cold-rolled steel units with rust and acid-resistant gray baked enamel finish. Sturdy vertical supports. Embossed mounting holes for stacking. Drawers feature 2 smooth-

travel runners, positive stops to avoid accidental pull-out, super interlock design, full width handles and slotted sides to hold snap-in dividers.

Includes 2 high-impact dividers for each drawer.

Large Drawer Drawer size 5-3/8"W x 11-1/4"D x 2-3/4"H.

Stk.	Mfr.	Overall Size	Drawers	Price
344949	005-95	11-5/8"W x 33-3/4"D x 10-7/8"H	18	\$190.00
344950	006-95	11-5/8"W x 17-1/4"D x 21-1/4"H	18	\$210.00
344951	007-95	11-5/8"W x 33-3/4"D x 14-3/8"H	24	\$236.00

Jumbo Drawer Drawer size 5-3/8"W x 17"D x 3-1/2"H.

Stk.	Mfr.	Overall Size	Drawers	Price
344960	032-95	17-1/4"W x 33-3/4"D x 12-7/8"H	18	\$368.00

Steel Parts Cabinet



Akro-Mils Stackable cabinets feature heavy-duty welded steel frame with charcoal gray baked enamel, chip-proof finish. Gray high-impact polystyrene drawers.

- Molded-in label holders for easy identification
- Removable dividers to partition each drawer into compartments

- Drawers may be removed & taken to work areas
- Rear stop tab prevents contents from spilling
- Transparent windows for instant visual inventory of contents
- Virtually unbreakable, lightweight, plus rust, dent & corrosion proof
- No sharp edges to damage stored items

Heavy-duty Locking Cabinet Overall size 11"L x 17"W x 11"H.

Stk.	Mfr.	Drawers	Drawer Size	Price
194259	19-109	9	5-3/16"W x 3-1/16"H	\$243.00

Heavy-duty Overall size 11"L x 17"W x 11"H.

Stk.	Mfr.	Drawers	Drawer Size	Price
194264	19-909	9	5-3/16"W x 3-1/16"H	\$180.00
194262	19-416	16	4"W x 2-1/8"H	\$192.00
194263	19-715	15	3-3/16"W x 3-1/16"H	\$189.00
194261	19-320	20	3-3/16"W x 2-1/8"H	\$192.00
194260	19-228	28	2-3/16"W x 2-1/16"H	\$194.00

Light-duty Overall size 6"L x 18"W x 9-1/2"H.

Stk.	Mfr.	Drawers	Drawer Size	Price
194257	17-018	18	2-3/4"W x 2-1/2"H	\$121.00



Bin Storage Units

Durham Heavy-duty units made of prime cold rolled steel will not warp, twist or sag. Each shelf has a fully hemmed 1-1/8" turn on the front providing space for labels. Dividers are hemmed to avoid sharp edges with vertical ribs for added strength. Gray baked enamel finish.

Stk.	Mfr.	Overall Size	Openings	Price
345001	344-95	33-3/4"W x 8-1/2"D x 19-1/4"H	32	\$137.00
345002	349-95	33-3/4"W x 8-1/2"D x 22-1/4"H	40	\$145.00
345010	363-95	33-3/4"W x 12"D x 42"H	72	\$232.00



Roto-Shelf Mobile Storage Unit

Akro-Mils Mobile storage unit with industrial wheels moves easily to various work areas. Ideal for assembly components. 4 easy-access shelves rotate on an independent central steel post. Each heavy-duty, structural foam shelf has 6 compartments. Gray.

Stk.	Mfr.	Overall Size	Price
194240	02420	19-7/8"D x 37-1/2"H	\$301.00

STORAGE RACKS & SHELVING



Grip Clip Organizers

Lehigh For hanging lawn and garden tools, brooms and mops. Spring steel clips keep original shape.

Includes wood screws.

Stk.	Mfr.	Holds	Capacity	Qty.	Price
943185	13200	3/8" to 5/8" dia.	10 lbs.	5	\$3.72
943184	13201	3/4" to 1-1/8" dia.	25 lbs.	4	\$3.96



Tool Rack

Akro-Mils Multilevel rack stores twice the tools in half the space. Durable polypropylene will not bend or warp. 96 tool slots. Red. Mounting hardware not included.

Shown w/tools, sold separately.

Stk.	Mfr.	Price
194292	08-024	\$9.54



Wire Spool Racks

Durham Prime cold-rolled steel rack with rust and acid-resistant gray baked enamel finish. Polished steel 5/8" dia. rod(s). Keyhole slots for wall mounting.

Rack shown w/wire, sold separately.

1 Rod Includes handle for easy transport.

Stk.	Mfr.	Overall Size	Price
345018	383-95	26-1/8"W x 5-7/8"D x 14"H	\$84.70

2 Rods

Stk.	Mfr.	Overall Size	Price
345019	384-95	26-1/8"W x 5-7/8"D x 21-1/2"H	\$90.60

4 Rods Holds up to 10" dia. spools

Stk.	Mfr.	Overall Size	Price
345013	368-95	26-1/8"W x 5-7/8"D x 36-1/2"H	\$99.90



Clamp Rack Sets

Steelex Wall-mountable heavy gauge steel racks with durable powdercoat finish. Mounting holes are 16" on-center to fit standard stud spacing. 1/2" mounting slots at 21-3/4" on-center.

Mounting screws & clamps, sold separately.

Pipe Clamp Rack Set Fits 1/2" & 3/4" pipe clamps. Holds 9 clamps.

Stk.	Mfr.	Size	Qty.	Price
785776	D4345	24-5/8"L x 4-3/16"D x 3-1/2"H	3	\$60.00

Parallel Clamp Rack Set Fits most parallel clamps. Holds 12 clamps.

Stk.	Mfr.	Size	Qty.	Price
785777	D4346	24-5/8"L x 3"D x 3-5/16"H	3	\$55.00

F-Clamp Rack Set Fits most F-clamps. Holds 15 clamps.

Stk.	Mfr.	Size	Qty.	Price
785778	D4347	24-5/8"L x 2-5/8"D x 3-1/4"H	3	\$55.00

Clamp Rack Set Includes 1 ea. pipe, parallel & F-clamp racks.

Stk.	Mfr.	Size	Qty.	Price
785775	D4333		3	\$55.00



Mobile Clamp Rack

HTC Products Organize your clamps and move them around with ease. Made of steel. 500 lb. capacity.

Shown with clamps, sold separately.

Stk.	Mfr.	Overall Size	Price
476459	HCR-160	30"W x 25"D x 51"H	\$132.00



Vertical Bar Rack

Pucel Arc welded construction of 1-1/2" x 1-1/2" x 1/8" angle iron with 16 ga. shelves. Gray enamel finish. 4 tray-style shelves (6-3/8", 10", 14" & 6"D) store short pieces. Arms extend 8" beyond each shelf.

Stk.	Mfr.	Overall Size	Price
684015	VB-3684	36"W x 24"D x 84"H at bottom.	\$556.00



433712

433708

Vertical Storage Racks

Greene Vertical compartments hold up to 14' length of stock. Bottom rail keeps stock from shifting. 3 vertical shelves 16"W, 3 horizontal shelves 12", 18", 24"D. Shelf capacity is 300 lbs. (weight distributed evenly). Constructed of heavy gauge steel with 11 gauge formed angle supports. Shipped knocked down. Gray.

Includes assembly hardware.

Racks should be anchored to the floor for safety

Stk.	Mfr.	Overall Size	Price
433712	EL-277	48"W x 30"D x 95-1/4"H	\$941.00

Also includes 24" sheet storage compartment.

433708	EL-200	48"W x 54-1/2"D x 99"H	\$1,631.00
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Lumber/Plywood Storage Rack

Shain Customized lumber and plywood storage using 2 or more solid maple uprights (84"H ea.) with 5 iron pipe arms (20"L x 1-1/4" dia. ea.). Add uprights for more storage. Mount directly to wall with steel wall spacer brackets (sold separately, hardware not included).

1 Upright w/5 Pipe Arms

Stk.	Mfr.	Price
155012	LR-1VWM	\$502.00

16" Wall Spacer Bracket holds rack 16" from the wall for more plywood storage.

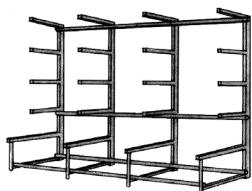
155013	LR-9SB	\$131.00
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Wood Lumber Storage Rack

Shain Solid ash framing and uprights interlock with bolts at every joint. Unit includes 28 pieces of 1-1/4" dia., 20"L iron pipe located for correct lumber support. Assembly required.

Stk.	Mfr.	Overall Size	Price
155484	LR-13W	13"W x 32"D x 6'H	\$2,078.00



Steel Framed Horizontal Lumber Storage Rack

Greene Upright frames feature continuous welded construction of 1-1/4" square tube steel and 4 anti-sway bars 12"L. Four 20"D shelves, one 38"D shelf have a maximum capacity of 400 lbs. (weight evenly distributed). Gray. Assembly required.

Unit should be secured to the wall for safety.

Stk.	Mfr.	Overall Size	Price
433618	EL-2	12"W x 41"D x 94"H	\$1,946.00

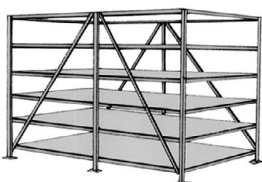


Side-loading Flat Material Storage Rack

Greene Six all-welded, 11 gauge frame shelves have center supports for decking material. Vertical posts are constructed of 11 gauge steel U channel support braces with 3/16" x 2" cross support braces. Shipped knocked down. Gray. 700 lb. maximum capacity per shelf (weight evenly distributed).

Includes assembly hardware & floor anchor pads.
Decking material not included.

Stk.	Mfr.	Overall Size	Price
433734	EL-664	102"W x 52"D x 72"H	\$2,162.00



End-loading Flat Material Storage Rack

Greene Six all-welded frame shelves are designed for storage of plywood and other flat material. Vertical posts are constructed of 1-1/4" square tube steel with 11 gauge u-channel cross support braces. Shipped knocked down. Gray. 500 lb. maximum capacity per shelf.

Includes hardware & floor anchor pads.
Shown w/decking material, not included.

Stk.	Mfr.	Overall Size	Price
433730	EL-644	72"W x 54-1/2"D x 72"H	\$1,385.00



Open Storage Shelving

Edsal Upright unit with 5 shelves that adjust at 1" intervals to fit storage needs without disturbing other shelving units. 22 ga. steel unit holds 400 lbs. Rust-resistant enamel finish in gray. Easy-to-assemble unit includes all hardware.

Shown w/ supplies, not included.

Stk.	Mfr.	Overall Size	Price
379600	2912-5GY	36"W x 12"D x 75"H	\$207.00
379601	2915-5GY	36"W x 15"D x 75"H	\$232.00
379602	2918-5GY	36"W x 18"D x 75"H	\$264.00
379603	2924-5GY	36"W x 24"D x 75"H	\$334.00



Commercial Wire Shelving

Safco For any general storage area. 4 steel posts with 4 open wire shelves reduces dust accumulation. Each shelf adjusts in 1" increments and supports up to 500 lbs. Adjustable leveling feet with caps protect floors. Black powder coat finish resists wear. Additional shelves may be added. Assembly required.

Includes 2 shelves.

Shown with supplies, not included.

Stk.	Mfr.	Overall Size	Qty.	Price
770877	5241BL	48"W x 18"D x 72"H		\$216.00
770880	5276BL	36"W x 18"D x 72"H		\$193.00

Extra Shelves

Stk.	Mfr.	Overall Size	Qty.	Price
770878	5242BL	48"W x 18"D x 1-1/2"H	2	\$110.00
770879	5243BL	36"W x 18"D x 1-1/2"H	2	\$92.70



Heavy-duty Shelving

Durham 12 ga. galvanized steel corner posts with 14 ga. steel shelves with stiffeners welded to bottoms. Each shelf fastens to corner posts (fasteners provided) and adjust on 1" centers. 3,000 lb. capacity per shelf (evenly distributed). Durable textured gray powder coat finish.

Includes 5 shelves.

Stk.	Mfr.	Overall Size	Price
345140	HDS-184872-95	48"W x 18"D x 72"H	\$643.00
345141	HDS-244872-95	48"W x 24"D x 72"H	\$769.00
345142	HDS-246072-95	60"W x 24"D x 72"H	\$868.00
345143	HDS-184896-95	48"W x 18"D x 96"H	\$680.00
345144	HDS-244896-95	48"W x 24"D x 96"H	\$806.00
345145	HDS-246096-95	60"W x 24"D x 96"H	\$892.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.

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EQUIPMENT



Paper/Drawing Board Storage

Shain Maple plywood cabinet offers ample horizontal storage space for 25 (20" x 26") drafting boards and paper. Max. weight per slot is 2.5 lbs. Fiberboard dividers. 3-point locking doors. Earth-friendly UV finish.

Cabinet should be secured to the wall for safety. Mounting hardware not included.

Stk.	Mfr.	Size	Price
155531	DBC-1	32"W x 22"D x 84"H	\$1,135.00



TOM Drafting Machine

Alvin Track-type drafting machine complete with drawing board that features a modern and compact, precision design. Functional drawing board with precision ball bearing, vertical sliding track drafting system, and break lever on vertical sliding track offers 3 positions. 150°

double-hinged drawing head with 2 sets of Plexiglas scales included, 1 set metric, the other is in full and half inch graduations.

Adjustable stand allows board angle at 0°, 30° and 60° (depending on where mounted). Can be used along with CAD furniture set up. Carrying case protects parallel straightedge and provides convenient portability.

Maximum work surface area: 19-1/4"H x 25-1/2"W. Weight: 20 lbs.

Stk.	Mfr.	Price
196020	TOM	\$788.00

Parallel Straightedge Drawing Boards

Alvin Rugged, warp-free white Melamine® laminate offers a smooth clean drawing surface anywhere you work. Brushed aluminum finish on the straightedge enhances appearance and provides a stain-resistant pressure point.

Each board is equipped with spring-loaded hardware to accommodate paper, vellum or cardboard. Tractor feet for easy set-up on any flat surface. Raised reinforcing bar serves as convenient pencil ledge. Parallel straightedge eliminates the need for T-squares. Smooth-action pulley moves easily, yet is precise.

- Durable space-age plastic legs for greater stability, increased height
- Straightedge locking system provides a "brake" for drawing straight lines w/greater confidence and ease
- Rugged Melamine® lamination prevents warping & wipes clean w/damp cloth
- Precision optical-grade acrylic straightedge eliminates the need for a T-square, provides a strain-resistant pressure point & is undercut for use w/technical pens
- Molded plastic tuck-away comfort-fit carrying handle
- Non-slip, "Grip-Track" tractor feet overhang the table edge & hold the board at the perfect drawing angle
- All hardware is nickel-plated to resist stains & tarnishing

Quantity Savings!					
Stk.	Mfr.	Size	Qty.	Price	24 or more
196207	PXB21	16" x 21"	1	\$75.30	\$64.00
196208	PXB24	18" x 24"	1	\$81.40	\$69.20
196209	PXB26	20" x 26"	1	\$84.20	\$71.60



Portable Sketch Boards

Alvin Made of strong, tempered masonite with cutout carry handle. Includes metal clip and rubber band to hold paper securely in place.

Stk.	Mfr.	Size	Price
196471	SB1516	15-1/2" x 16-1/2"	\$11.70
196474	SB1819	18-1/2" x 19-1/2"	\$13.10



Drawing Boards

Alvin

Quantity Savings!

Natural Wood Solid core construction. T-metal edges.

Stk.	Mfr.	Size	Qty.	Price	24 or more
196146	DB111	12" x 17"	1	\$17.80	\$15.20
196147	DB112	16" x 21"	1	\$22.20	\$18.90
196150	DB114	18" x 24"	1	\$26.60	\$22.60
196151	DB116	20" x 26"	1	\$31.80	\$27.10

White Melamine Solid core construction. White Melamine®. Black PVC edge.

Stk.	Mfr.	Size	Qty.	Price	24 or more
196658	XB112	16" x 21"	1	\$26.80	\$22.80
196659	XB114	18" x 24"	1	\$35.10	\$29.90
196660	XB116	20" x 26"	1	\$36.00	\$30.60

Ultralight Unfinished Wood Veneer Hollow-core with X-center frame. T-metal edges.

Stk.	Mfr.	Size	Qty.	Price	24 or more
196248	LBI12	16" x 21"	1	\$24.60	\$20.90
196249	LBI14	18" x 24"	1	\$29.00	\$24.70
196251	LBI16	20" x 26"	1	\$33.40	\$28.40



AX Series Drawing Boards

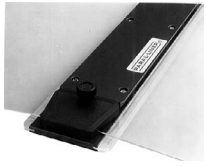
Alvin A smooth, warp-free white Melamine® laminated board with black edges. The non-slip tractor feet firmly hold the drawing board at a comfortable angle. Contoured handle for comfortable carrying.

Stk.	Mfr.	Size	Price
196353	AX617/2	18" x 24"	\$61.20
196354	AX617/3	20" x 26"	\$67.30
196358	AX617/4	23" x 31"	\$77.00
196359	AX617/5	24" x 36"	\$88.30

Board Covers

Alvin Durable 5-ply VBC plastic protects heavily-used surfaces against mars, scars, cuts and dents. Pre-cut sheets, 1 side green, other side cream.

Stk.	Mfr.	Size	Price
196478	VBC44-1	18" x 24"	\$22.20
196479	VBC44-2	20" x 26"	\$24.40
196480	VBC44-3	23" x 31"	\$28.80
196481	VBC44-4	24" x 36"	\$33.30
196482	VBC44-5	31" x 42"	\$41.40
196483	VBC44-6	36" x 48"	\$51.70
196472	VBC44/36	10 yd. x 36"	\$313.00
196473	VBC44/48	10 yd. x 48"	\$408.00



Paral-Liner Mobile Parallel Straightedges

Alvin Frictionless operation is provided by floating action of blade-mounted nylon rollers that retract at touch, securing blade for accurate drawing.

- Rigid phenolic construction w/black satin finish
- Elevated Plexiglas® edges prevent ink smears
- Steel ball-bearing pulleys for smooth movement

Includes mounting hardware & instructions.

Stk.	Mfr.	Length	Price
196211	I101-30	30"	\$139.00
196213	I101-36	36"	\$148.00
196212	I101-42	42"	\$159.00
196214	I101-48	48"	\$169.00

Cable Replacement Package

Alvin Rewiring kit fits board sizes 48" to 72". For models I101, I102 & 2201.

Includes 30' nylon-covered stainless steel wire, spring, 2 eyelets & 2 front wire connectors.

Stk.	Mfr.	Price
196197	PEP-2	\$12.70

Hardware Replacement Package

Alvin Fits board sizes 30" to 72".

Includes 2 cable attachments, 2 cable tie-offs, 2 tension guides & 5 screws.

Stk.	Mfr.	Price
196198	HD4	\$16.40



Light Table

Shain Constructed of a maple hard wood frame and a plastic laminate almond colored top. Shatter-resistant glass inset gives maximum diffusion of light with minimum glare and no hot spots. Top adjusts from 0-30° and is equipped with a soft-close feature and a pencil stop.

Pre-installed 120V electrical cord.

Includes 4 energy efficient fluorescent tubes.

Stk.	Mfr.	Overall Size	Price
155015	LT-4424	42"L x 39-3/4"W x 30"H	\$1,128.00



Porta-Trace Light Box

Alvin Great for drawing, tracing, embossing, calligraphy, viewing and presentations. Durable unit features a tough stainless steel frame and thick Plexiglas® top. Color-corrected lamps with bright, even light without hot spots. 3-20W lamp. UL listed.

Stk.	Mfr.	Size	Price
196023	PT1824-3	18" x 24"	\$557.00



Mesh Bags

Alvin High-quality vinyl mesh webbing creates a strong, functional kit bag. 3/4" gusset, zippered top.

Stk.	Mfr.	Size	Price
196321	NB1013	10" x 13"	\$5.55
196105	NB1216	12" x 16"	\$6.80
196322	NB1518	15" x 18"	\$7.31
196323	NB1621	16" x 21"	\$9.68
196324	NB1824	18" x 24"	\$10.30
196325	NB2026	20" x 26"	\$11.40

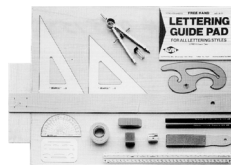


Expanding Folders

Alvin For student or office use. Handy expanding wallets are ideal for carrying loose notes, papers, books and etc. Made of 1-piece heavyweight red fiber. Velcro closure permits closing the wallet whether it is flat or full. Full 2" expansion.

Stk.	Mfr.	Size	Price
196104	E15	10" x 15"	\$3.24
196116	E18	12" x 18"	\$4.59
196121	E20	14" x 20"	\$8.43
196107	E26	20" x 26"	\$15.00

INSTRUMENTS



Drawing Kit

Alvin Fits the needs of architectural, engineering and mechanical drawing.

- 6" bow pencil compass/divider
- 24" transparent-edge T-square
- 8" 45°/90° triangle
- 10" 30°/60° triangle
- 12-1/2" irregular curve
- 18" x 24" drawing board w/metal edges
- 12" Architect's triangular scale
- 6" semicircular protractor
- Plus, sandpaper pointer pad, 2H & 4H pencils, sharpener, erasing shield, art gum eraser, soft pencil eraser, 3/4" x 10 yd. roll of drafting tape & freehand lettering guide pad

Stk.	Mfr.	Price
196143	SD505	\$111.00



Beginner's Drawing Kit

Alvin Kit eliminates student guess work, saves time and allows work with consistent equipment.

- 6" bow compass w/parts tube
- 5-1/2" plain divider w/replaceable needle points
- Architect's open divided triangular scale
- 8" 45°/90° clear plastic triangle
- 10" 30°/60° clear plastic triangle
- 8-1/2" irregular curve
- 6" semicircular protractor
- Plus, freehand lettering guide pad, erasing shield, mechanical lead holder, mini lead pointer, 12" x 16" vinyl carrying case & tube of compass leads

Stk.	Mfr.	Price
196270	BDK-1A	\$47.90



Technical-grade Blueprint Kit

Alvin Designed to fit average needs, budget and class level requirements.

- 6" bow compass w/parts tube
- Architect's divided triangular scale
- 10" 30°/60° clear plastic triangle
- 8" 45°/90° clear plastic triangle
- 6" semicircular protractor
- 8-1/2" irregular curve
- Plus, erasing shield, mechanical lead holder, mini lead pointer, tube of compass leads, 12" x 16" vinyl carrying case & freehand lettering guide pad

Stk.	Mfr.	Price
196271	BRK-1A	\$41.90



6-Piece Geometry Set

Westcott

Includes compass, lead refills, 6" ruler, 180° protractor, 45°/90°/45° triangle, 30°/60°/90° triangle & plastic pouch.

Stk.	Mfr.	Price
189128	14564	\$6.74



8-Piece Geometry Set

Alvin

Includes 6" ruler, 4" protractor, 3" 45°/90° triangle, 4" 30°/60° triangle, compass, pencil, pencil sharpener, eraser & storage case.

Stk.	Mfr.	Price
196120	FL04	\$4.95



10-Piece Mathematical Instrument Set

Alvin Packaged in an attractive metal case with printed conversion charts inside lid.

Includes metal pencil compass, alphabet stencil, 45° triangle, 30°/60° triangle, vinyl eraser, metal divider, pencil, 6"/15cm ruler, 180° protractor & sharpener.

Stk.	Mfr.	Price
196021	MS10	\$6.60



6" Introductory Bow Compass

Alvin Rugged pencil/divider with center wheel adjustment. For circles 1/8" to 9-1/2".

Includes needle & 2 leads.

Stk.	Mfr.	Price
196632	201	\$10.20



6" Bow Compass

Alvin Made from cast zinc body with a fiberglass head, this traditional compass is perfect for intro level drafting and drawing. Creates circles 1/2" to 10" in diameter. Features a center wheel spindle for precision adjustments.

Includes tube of lead.

Stk.	Mfr.	Price
196034	704	\$10.20



Academic Bow Pencil Compass

Alvin 4-3/4" hoop spring pencil compass with fast center wheel adjustment. For circles up to 4".

Includes needle & 2 leads.

Stk.	Mfr.	Price
196640	844B	\$15.70



Traditional 6" Master Bow Compass

Alvin Creates 1/8" to 11-1/2" circles. Smooth, center wheel adjustment and matte nickel finish. Capped spindle prevents over-extension.

Includes extra needle & leads.

Stk.	Mfr.	Price
196041	604	\$13.40



Combination Bow Compasses

Alvin Fiberglass ring-head and pivot design for smooth, firm adjustment. Center wheel adjusts quickly and easily for circles up to 10". Built-in

spindle stop prevents overextension. Tarnish-free nickel finish.

6" Pencil Compass/Divider **Includes** extra lead, needle point & T-bolt.

Stk.	Mfr.	Price
196139	504	\$13.40

Basic 6" Bow Combination Compass **Includes** same as above, plus split leg design accepts pen, pencil & divider parts & slip handle for spare ruling pen.

Stk.	Mfr.	Price
196190	505	\$20.30

Basic 6" Bow Combination Compass w/Beam Bar **Includes** same as 505, plus beam bar extension for circles up to 20" dia.

Stk.	Mfr.	Price
196193	505V	\$25.50



6" Master Bow Combination Compass

Alvin Rugged gearhead design and interchangeable pencil and divider parts. Rapid adjustment feature allows 1/8" to 11-1/2" circles. Easy-hold handle for comfortable adjustments. Double break leg for precise perpendicular drawing.

Includes extra lead & bolt, hinged plastic case.

Stk.	Mfr.	Price
196171	805	\$20.10



Compact Drawing Set

Alvin 6" bow pencil compass and 6" friction divider with replaceable needle points. Capped spindle prevents over-extension. For circles up to 9" dia.

Includes compass, divider w/replaceable needle points & case.

Stk.	Mfr.	Price
196164	608K	\$21.00



7-Piece Compass & Divider Set

Alvin Quality beginner set with 5-3/4" compass and 5-3/4" divider.

Includes compass w/tube of lead, divider, 0.5mm fineliner pencil w/tube of lead, 0.2mm lead pointer, eraser & case.

Stk.	Mfr.	Price
196043	308K	\$18.70



Maverick Bow Compass Drawing Set

Alvin 2 bow compass sizes for pencil drafting. 6" compass w/center wheel & straight leg design. 4" compass w/center wheel design. 5-1/2" gearhead divider w/adjustable & replaceable needle points. 5-3/4" mechanical pencil.

Includes 2 compasses, divider w/replaceable needle points, mechanical pencil & case.

Stk.	Mfr.	Price
196642	895E	\$44.30



Basic Bow Repair Kit

Alvin Provides a cross section of repair and replacement parts for all basic bow drawing instruments.

Includes storage case.

Stk.	Mfr.	Price
196310	900D	\$46.20



Beam Compass Set

Alvin Efficient spring loaded friction-control design enables precision drawing. The two 13" beam bars with coupling accommodate circles up to 48".

Includes interchangeable ruling pen, pencil, divider legs & velvet-lined case w/clear cover.

Stk.	Mfr.	Price
196646	961B	\$36.90

2mm Compass Leads

Alvin Convenient refills for standard drawing instruments with presharp-ened chisel points. 2mm dia. x 3/4"L.

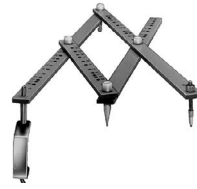
Stk.	Mfr.	Hardness	Qty.	Price
196312	5112-H	H	12	\$3.13
196313	5112-HB	HB	12	\$3.13
196319	5144-HB	HB	144	\$11.30
196314	5112-2H	2H	12	\$3.13
196320	5144-2H	2H	144	\$11.30
196315	5112-4H	4H	12	\$3.13



Friction Divider

Alvin 6" friction divider with self-centering gearhead design. Replaceable needle points. Tarnish-free nickel finish.

Stk.	Mfr.	Price
196145	660	\$11.70



Pantograph

Alvin Accurate instrument designed for use on inclined or horizontal boards and for tracing or dotting. Sturdy joint and arm construction ensures accuracy.

Bars are seasoned hardwood with clear gray lacquer finish and have die-sunk graduations, with holes carefully drilled for accuracy. Adjustable nylon ratio thumbscrews assure smooth, easy movement.

- Nickered lead holder attachment & nylon tracer point
- Nickered anchor table clamps provide stability

Stk.	Mfr.	Price
196141	PA306	\$36.00

T-Squares

Alvin



Quantity Savings!

Acrylic 100% acrylic blade has relieved edges to prevent ink underflow and is bonded to the head for accuracy and strength.

Stk.	Mfr.	Length	Qty.	Price	24 or more
196039	P18	18"	1	\$13.10	\$11.60
196131	P24	24"	1	\$13.90	\$11.80
196123	P30	30"	1	\$15.50	\$13.20
196229	P36	36"	1	\$19.40	\$16.50

Stainless Steel Spring-tempered stainless steel blade with beveled edges for accurate line drawing and cutting. The fixed, cast aluminum head offers strength and durability. 1-1/2"VV.

Stk.	Mfr.	Length	Qty.	Price	24 or more
196106	S/S18	18"	1	\$28.40	\$24.10
196112	S/S24	24"	1	\$32.70	\$27.80
196124	S/S30	30"	1	\$38.70	\$32.90

Wood Hardwood blade with see-through acrylic edges that are elevated to prevent smudging and eliminate surface scratches.

Stk.	Mfr.	Length	Qty.	Price	24 or more
196605	C18	18"	1	\$11.70	\$9.90
196110	C24	24"	1	\$13.90	\$11.80
196114	C30	30"	1	\$15.90	\$13.50
196606	C36	36"	1	\$18.80	\$15.90

Aluminum Lightweight 1-1/2" wide rigid blade with deeply cut, highly visible graduations. Blade securely riveted to durable, high-impact plastic head. Graduation in 8ths and 16ths.

Stk.	Mfr.	Length	Qty.	Price	24 or more
196185	L18	18"	1	\$10.70	\$9.10
196186	L24	24"	1	\$12.20	\$10.40
196187	L30	30"	1	\$13.80	\$11.80
196188	L36	36"	1	\$15.10	\$12.90

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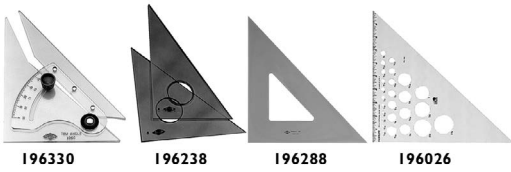


Transparent Triangles

Alvin Molded .08" T polystyrene with built-in finger lifts.

Quantity Savings!

Stk.	Mfr.	Size	Angle	Qty.	Price	24 or more
196230	SI390-6	6"	30°/60°	1	\$1.56	\$1.33
196231	SI390-8	8"	30°/60°	1	\$2.16	\$1.84
196232	SI390-10	10"	30°/60°	1	\$2.46	\$2.09
196233	SI390-12	12"	30°/60°	1	\$3.47	\$2.95
196266	SI450-6	6"	45°/90°	1	\$1.83	\$1.56
196267	SI450-8	8"	45°/90°	1	\$2.40	\$2.04
196268	SI450-10	10"	45°/90°	1	\$3.12	\$2.65
196623	SI450-12	12"	45°/90°	1	\$4.17	\$3.54



Triangles Alvin

Adjustable Provides the features of a 45°/90° adjustable triangle, plus those of a protractor. Angles 0° - 90° can be drawn from baseline (1/2° accuracy). Engraved graduations and aluminum thumbscrew. High impact 0.100" optically clear acrylic eliminates parallax and allows close pencil tolerance. No inking edge.

Stk.	Mfr.	Size	Angle	Qty.	Price
196330	I08C	8"	45°/90°	1	\$27.90

Smoke-tint Styrene w/non-glare smoke tint for easy visibility. Double-beveled edges w/finger lifts. 0.10"T.

Stk.	Mfr.	Size	Angle	Qty.	Price
196238	SK360-6	6"	30°/60°	1	\$3.34
196239	SK360-8	8"	30°/60°	1	\$3.58
196240	SK360-10	10"	30°/60°	1	\$3.69
196241	SK360-12	12"	30°/60°	1	\$4.73
196242	SK450-6	6"	45°/90°	1	\$4.19
196243	SK450-8	8"	45°/90°	1	\$4.00
196244	SK450-10	10"	45°/90°	1	\$4.82
196245	SK450-12	12"	45°/90°	1	\$7.15

Fluorescent Orange Reflects light along drawing edge. Double-beveled inking edges & center finger lifts. 0.10"T.

Stk.	Mfr.	Size	Angle	Qty.	Price
196288	FT390-6	6"	30°/60°	1	\$2.95
196289	FT390-8	8"	30°/60°	1	\$3.52
196291	FT390-10	10"	30°/60°	1	\$4.40
196292	FT390-12	12"	30°/60°	1	\$5.96
196234	FT450-6	6"	45°/90°	1	\$3.52
196235	FT450-8	8"	45°/90°	1	\$4.40
196236	FT450-10	10"	45°/90°	1	\$6.05
196237	FT450-12	12"	45°/90°	1	\$8.74

Aluminum Durable lightweight, satin-finish triangle resists stains, tarnishing. 90° angle (1/16" graduations). Use as circle template (1/16" to 1-3/8").

Stk.	Mfr.	Size	Angle	Qty.	Price
196026	AT245-6	6"	45°/90°	1	\$8.26

Protractors



Circular Clear .080" plastic with center cut out for easy finger lifting. Graduations molded in.

Stk.	Mfr.	Size	Qty.	Price
196160	P234	4"	1	\$2.92
196161	P236	6"	1	\$2.54
196162	P238	8"	1	\$11.90

Semicircular Clear .060" plastic with cutout center. Clearly stamped 1° graduations.

Stk.	Mfr.	Size	Qty.	Price
196199	3751	3-1/2"	12	\$13.70

Semicircular Colored plastic w/beveled edges & center cut-out finger lift. Assorted colors. Inches, mm. 1/2° graduation.

Stk.	Mfr.	Size	Qty.	Price
196058	FL07/DZ	6"	12	\$13.50

Semicircular Clear vinyl with cut-out center and clearly divided graduations. 5° graduation.

Stk.	Mfr.	Size	Qty.	Price
189150	I1200	6"	1	\$1.22

Semicircular Clear .080" plastic with center cut-out, finger lift and beveled edges. Black die-stamped graduations divided into 1/2° increments.

Stk.	Mfr.	Size	Qty.	Price
196100	P466	6"	1	\$2.47

Semicircular Heavy-duty .090" transparent laminated PVC w/beveled outer edge for accuracy. Die-stamped graduations.

Stk.	Mfr.	Size	Qty.	Price
196101	P476	6"	1	\$2.99

Semicircular Solid center design with graduations "sandwiched" between 2 laminated sheets of clear plastic so they cannot rub off. 1/2° graduation.

Stk.	Mfr.	Size	Qty.	Price
196166	376	6"	1	\$2.26

Irregular Curves



Alvin Made of acrylic plastic .06" thick. Smooth and uniform with accurate edges.

Stk.	Mfr.	Size	Price
196169	I010-6	5"	\$4.38
196170	I010-8	6"	\$6.08
196172	I010-13	8"	\$6.54

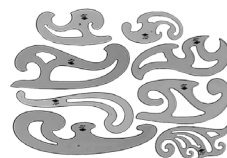
3-Piece French Curve Set



Alvin Made of .09" green-tint polystyrene with vinyl storage envelope.

Stk.	Mfr.	Size	Price
196126	FC33	5-1/2", 6-1/2", 12-1/2"	\$6.82

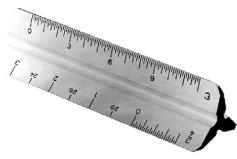
8-Piece French Curve Set



Alvin Full size curve set features double-beveled inking edges. Transparent smoke gray .08"T polystyrene.

Stk.	Mfr.	Size	Price
196129	FC88	5-1/4" to 10"	\$16.80

RULING & MEASURING



Triangular Scales

Alvin Architect scale graduations: 3/32, 3/16, 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/2, 3" to the foot. One edge divided to 16ths.

Mechanical drafting scale graduations: 1/8, 1/4, 1/2, 1" to the foot. 1/4, 3/8, 1/2, 3/4" size. 50ths and 16ths.

Metric scale graduations 1:20, 1:33-1/3, 1:40, 1:50, 1:80, 1:100.

Engineer scale graduations: 10, 20, 30, 40, 50, 60 parts to the inch.

Quantity Savings!

Student/Vocational Satin finished, high-impact plastic with tapered edges. Sharp, easy-to-read graduations resist wear.

Stk.	Mfr.	Item	Color	Length	Qty.	Price	24 or more
196400	I10P	Architect	White	12"	1	\$3.74	\$3.18
196401	I10PY	Architect	Yellow	12"	1	\$7.59	\$6.45
196369	I10PX	Mechanical Drafting	White	12"	1	\$3.74	\$3.18
196331	I17PM	Metric	White	30cm	1	\$3.74	\$3.18
196370	I11P	Engineer	White	12"	1	\$3.74	\$3.18

Professional Tapered edges and color coded furrows for quick scale identification. Divisions are engraved on a non-glare matte plastic face, bonded over seasoned, laminated bamboo for durability. **Includes** case.

Stk.	Mfr.	Item	Color	Length	Qty.	Price	24 or more
196636	240B	Architect	White	12"	1	\$26.10	



Slide Rule Proportional Scales

Alvin For calculating percentage of enlargements and reduction of photos, artwork and layouts.

Stk.	Mfr.	Size	Price
196488	PS69	5"	\$6.42
196489	PS79	6"	\$8.44



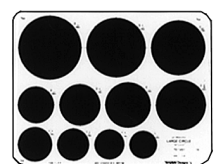
Truflex II Flexible Curves

Alvin Lightweight aluminum core easily forms to hold any curve. Flat inking edges measure

millimeters and inches. Metric graduations are red, fractional graduations are black. Lead and phthalate free.

Stk.	Mfr.	Length	Price
196093	A1044-12	12"	\$9.36
196094	A1044-24	24"	\$17.60

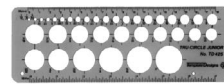
TEMPLATES



11 Circles

Alvin

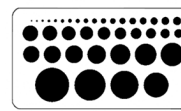
Stk.	Mfr.	Size Range	Size	Price
196220	TD1201	1-1/2" to 3-1/2"	8-1/2" x 11" x .030"	\$10.40



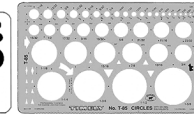
37 Circles

Alvin

Stk.	Mfr.	Size Range	Size	Price
196184	TD425	1/32" to 1"	2-3/4" x 8-1/4" x .030"	\$8.33



196612

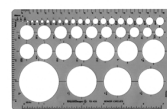


196098

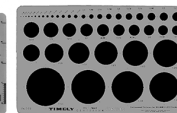
39 Circles

Alvin

Stk.	Mfr.	Size Range	Size	Price
196612	TD1200	1/16" to 1-3/8"	4" x 7-1/4" x .030"	\$8.09
196098	85T	1/16" to 1-5/8"	4-3/4" x 8" x .020"	\$3.98



196300

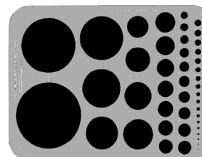


196339

42 Circles

Alvin

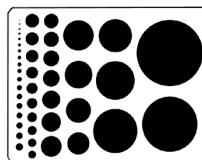
Stk.	Mfr.	Size Range	Size	Price
196300	TD435	1/32" to 2"	5" x 8" x .030"	\$5.36
196339	88T	1/32" to 2-1/4"	6-1/4" x 9-3/4" x .020"	\$5.27



44 Circles

Alvin

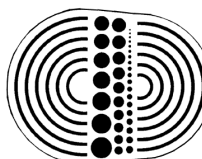
Stk.	Mfr.	Size Range	Size	Price
196351	TD445	1/16" to 3"	7" x 9-1/4" x .030"	\$12.10



45 Circles

Alvin

Stk.	Mfr.	Circles	Size Range	Size	Price
196614	TD1204	45	1/16" to 2-1/4"	7-1/4" x 8-1/4" x .030"	\$9.36

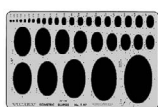


62 Radius Circles

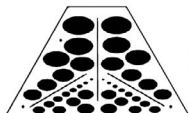
Alvin

Stk.	Mfr.	Size Range	Size	Price
196613	TD1202	3/64" to 7-1/2"	7-1/2" x 10" x .030"	\$10.80

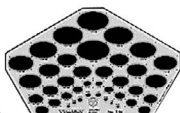
Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



196060



196628



196061

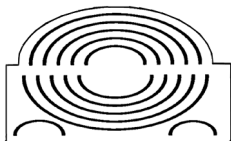
Isometric Ellipses

Alvin

Stk.	Mfr.	Ellipses	Size Range	Size	Price
196060	97T	35	1/16" to 2-1/2"	6-1/4" x 9-7/8" x .020"	\$6.86
196628	123R	38	1/8" to 1-9/16"	6-5/8" x 11-1/4" x .030"	\$16.80
196061	94T	40	3/32" to 1-9/16"	6-1/2" x 10-1/2" x .020"	\$6.86

25 Large Isometric Ellipses

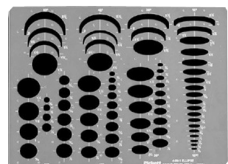
Alvin



Stk.	Mfr.	Size Range	Size	Price
196629	124R	1-1/2" to 7"	6" x 10" x .040"	\$22.10

4-in-1 Ellipses Template

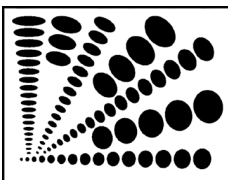
Alvin Projections of 15°, 30°, 45°, and 60°. Major axes of 5/16" to 2-1/4". Fractional and decimal designations included.



Stk.	Mfr.	Ellipses	Size	Price
196227	1262I	74	8-1/4" x 12" x .030"	\$21.90

Combo Ellipses

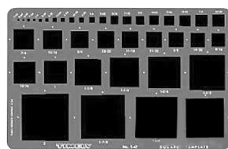
Alvin Projections of 15°, 30°, 45°, and 60°; 15° from 3/16" to 1-5/8"; 30° from 1/8" to 1-1/2"; 45° from 1/8" to 1-3/4"; 60° from 1/8" to 1-5/8".



Stk.	Mfr.	Ellipses	Size	Price
196638	479R	79	8-1/2" x 11" x .030"	\$23.00

40 Squares

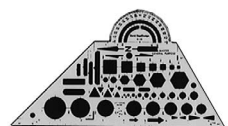
Alvin



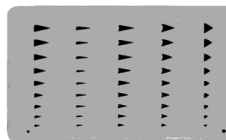
Stk.	Mfr.	Size Range	Size	Price
196520	47T	1/16" to 2"	6-1/4" x 9-3/4" x .020"	\$7.94

Master General Purpose

Alvin Circles, squares, hexagons, triangles, arrows, rectangles, and brackets. Edge scales in 10ths and 16ths, lettering guide, 3" protractor, and 30°, 60°, 90°, and 35° angles.



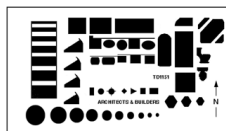
Stk.	Mfr.	Size Range	Size	Price
196118	18R	1/16" to 1"	5-1/2" x 10-1/4" x .030"	\$15.90



Small Arrow Indicator

Alvin Nine sizes each of 5 different arrow shapes.

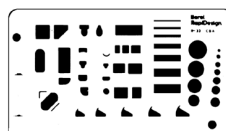
Stk.	Mfr.	Size	Price
196350	TD302	3-5/8" x 5-7/8" x .020"	\$5.49



Architects & Builders

Alvin Circles, rectangles, lavatory and kitchen fixtures, roof pitch index, tile layout gauge, door swings, floor elevation indicator and electrical symbols.

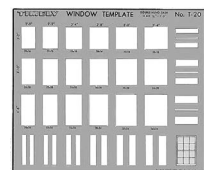
Stk.	Mfr.	Scale	Size	Price
196609	TD1151	1/4" = 1 foot.	5-1/4" x 9-1/4" x .030"	\$11.10



CBA Architectural

Alvin Edge scale, circles, door swings, kitchen and lavatory fixtures, shelves, cupboards and roof pitch index.

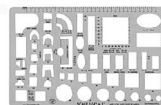
Stk.	Mfr.	Scale	Size	Price
196135	33R	1/8" = 1 foot	3-3/4" x 6-1/4" x .030"	\$18.10



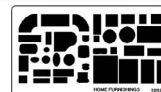
Double-hung Sash Window

Alvin N.D.M.A.-approved modular designs for 18 standard size windows.

Stk.	Mfr.	Scale	Size	Price
196263	20T	1/4" = 1 foot	6" x 7" x .020"	\$5.27



196059



196610



196144

Home Furnishings

Alvin

Furniture Furniture for living room, dining room, bedroom and office.

Stk.	Mfr.	Scale	Size	Price
196059	132T	1/4" = 1 foot	6-1/4" x 9-7/8" x .020"	\$7.72

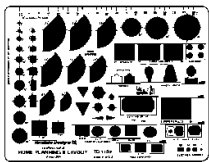
Home Furnishing For kitchen, dining room, bedroom, library, family room and living room.

Stk.	Mfr.	Scale	Size	Price
196610	TD1155	1/4" = 1 foot	5-3/4" x 10" x .030"	\$9.85

House Furnishing Furniture pieces for living and dining rooms, den, library, bedroom and kitchen (36 symbols) with edge scale.

Stk.	Mfr.	Scale	Size	Price
196144	TD714	1/4" = 1 foot	5-1/2" x 8-5/8" x .030"	\$10.20

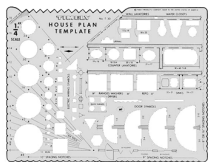
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Home Planning & Layout

Alvin Circles, squares, rectangles, triangles, hexagons, lavatory and kitchen fixtures, door swings, electrical symbols and 16" O.C. spacing edge.

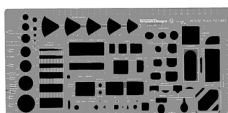
Stk.	Mfr.	Scale	Size	Price
196608	TD1150	1/4" = 1 foot	5-3/8" x 7" x .030"	\$7.26



House Plan

Alvin Stairs, doors, plumbing fixtures, kitchen equipment, appliances and roof pitch index.

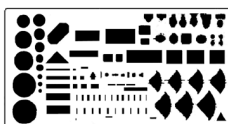
Stk.	Mfr.	Scale	Size	Price
196063	30T	1/4" = 1 foot	5-1/4" x 6-7/8" x .020"	\$5.74



House Plan Fixtures

Alvin Door swings, kitchen and lavatory fixtures, ANSI symbols, circles, floor elevation indicator and roof pitch index.

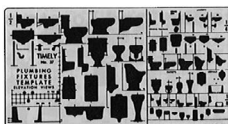
Stk.	Mfr.	Scale	Size	Price
196062	22R	1/4" = 1 foot	4-3/8" x 9-1/2" x .030"	\$14.40
196352	TD1538	1/4" = 1 foot	4-1/4" x 9-1/2" x .030"	\$11.10



Professional House Plan

Alvin Circles, door swings, kitchen and lavatory fixtures. 6", 8" and 9" spacing notches, electric wiring symbols, tile layout indicator and lower edge strip.

Stk.	Mfr.	Scale	Size	Price
196637	35T	1/4" = 1 foot	5-1/4" x 9-3/4" x .020"	\$6.86



Plumbing

Alvin Front & side elevations of plumbing fixtures.

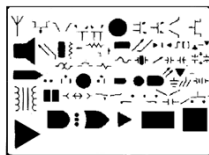
Stk.	Mfr.	Scale	Size	Price
196127	37T	1/8" = 1'; 1/4" = 1' & 1/2" = 1'.	5-1/2" x 9-3/4" x .020"	\$6.86



Landscaping

Alvin Tree and shrub contours, hedges, fences, rails, flagstone and lower edge scale.

Stk.	Mfr.	Scale	Size	Price
196611	TD1178	1/4" = 1 foot	7" x 8-1/4" x .030"	\$11.10



Electric/Electronic

Alvin Electronic tubes, capacitors, circuit breakers, resistors, relays, switches, logic symbols, etc. Conforms to ANSI Y32.2 and IEEE No. 315. Designed for .200" grid.

Stk.	Mfr.	Size	Price
196616	TD1279	5" x 7" x .030"	\$11.10



Lettering

Alvin Upper case block letters and numerals.

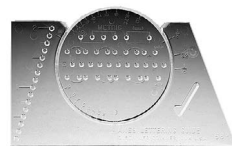
Stk.	Mfr.	Scale	Size	Price
196047	135R	3/8"	3-3/4" x 6-1/4" x .060"	\$14.00



Alphabet, Modern Bold

Alvin Upper case letters, numerals, and edge strip.

Stk.	Mfr.	Scale	Size	Price
196619	TD260V	1/8", 3/16" & 1/4"	2" x 10" x .030"	\$7.43



Ames Lettering Guide

Alvin

Clear plastic guide with rotating disc and indexed rim saves time for engineers, architects, draftsmen, etc. Tool allows drawing guide lines and slope lines for lettering from 1/16"H to

2"H. Holes in disc provide 3 lettering guide ratios (3/5:2/5, 2/3:1/3 & 1:1). Sides of frame provide 68° and 75° angles for slant lettering.

Stk.	Mfr.	Size	Price
196165	L666	3-7/8" x 2-3/8"	\$4.29

PENCILS & MARKERS

Lead Holders

Alvin



Tech Lead Holder Four-way vise-grip jaw holds 2mm lead securely in the lightweight barrel. The push-button control instantly releases lead to any desired length. **Includes** 1 lead.

Stk.	Mfr.	Size	Hardness	Qty.	Price
196008	DA	2-3 mm		1	\$8.01

Scott Lead Holder Economical, lightweight design features silver cap, transparent plastic barrel, pocket clip and push button lead advance. 4-way vise-grip jaw holds 2mm lead securely. **Includes** 1 lead.

Stk.	Mfr.	Size	Hardness	Qty.	Price
196285	B/2	2 mm		1	\$5.49

Refill Leads

Stk.	Mfr.	Size	Hardness	Qty.	Price
196556	5018-HB	2 mm	HB	12	\$9.93
195970	5019G-HB	2 mm	HB	144	\$44.90
196557	5018-H	2 mm	H	12	\$9.93
195971	5019G-H	2 mm	H	144	\$44.90
196558	5018-2H	2 mm	2H	12	\$9.93
195972	5019G-2H	2 mm	2H	144	\$44.90
196559	5018-4H	2 mm	4H	12	\$9.93
195973	5019G-4H	2 mm	4H	144	\$44.90
196560	5018-6H	2 mm	6H	12	\$9.93
195974	5019G-6H	2 mm	6H	144	\$44.90

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Draft-Line Mechanical Pencils



Alvin Shock-absorbing reflex point minimizes lead breakage. 0.4mm stainless steel stylus tube design is ideal for both drafting and writing. Includes fixed sleeve for writing and built-in eraser under cap with cleaning needle.

Stk.	Mfr.	Size	Color	Price
196577	XA03	0.3 mm	Yellow	\$6.24
196578	XA05	0.5 mm	Black	\$6.24
196579	XA07	0.7 mm	Blue	\$6.24
196580	XA09	0.9 mm	Maroon	\$6.24

3-Piece Set

Stk.	Mfr.	Size	Color	Price
196662	XA357C	0.3, 0.5, 0.7 mm		\$18.50
196663	XA579C	0.5, 0.7, 0.9 mm		\$18.50

Eraser Refills, 3/pkg.

Stk.	Mfr.	Size	Color	Price
196661	EZR			\$1.86

Sharplet 2 Pencils



Pentel Automatic pencil with push-button lead advance, plastic clutch mechanism, removable pocket clip and built-in eraser.

Stk.	Mfr.	Size	Color	Qty.	Price
196054	A125-A	0.5 mm	Black	1	\$3.06
196055	A127-C	0.7 mm	Dark Blue	1	\$3.06
196056	A129-E	0.9 mm	Brown	1	\$3.06

Iceberry Mechanical Pencils



Alvin Economical, reliable pencil with push-button advance, rubberized non-slip finger grip, plastic pocket clip and eraser.

Stk.	Mfr.	Size	Color	Qty.	Price
196002	IB05-B	0.5 mm	Blue	1	\$1.60
196003	IB05-V	0.5 mm	Violet	1	\$1.60

Refill Leads

Alvin High-quality, high-strength "Pentel" polymer refill leads provide intense black lines for perfect reproduction.

0.3 mm

Stk.	Mfr.	Hardness	Qty.	Price
196581	300-3-HB	HB	12/tube	\$2.35
196582	300-3-H	H	12/tube	\$2.35
196583	300-3-2H	2H	12/tube	\$2.35
196584	300-3-4H	4H	12/tube	\$2.35

0.5 mm

Stk.	Mfr.	Hardness	Qty.	Price
196585	C505-HB	HB	12/tube	\$1.44
196586	C505-H	H	12/tube	\$1.44
196587	C505-2H	2H	12/tube	\$1.44
196588	C505-4H	4H	12/tube	\$1.44
196668	C505-6H	6H	12/tube	\$1.44

0.7 mm

Stk.	Mfr.	Hardness	Qty.	Price
196589	50-7-HB	HB	12/tube	\$1.44
196590	50-7-H	H	12/tube	\$1.44
196591	50-7-2H	2H	12/tube	\$1.44
196669	50-7-4H	4H	12/tube	\$1.44

0.9 mm

Stk.	Mfr.	Hardness	Qty.	Price
196592	50-9-HB	HB	12/tube	\$1.44
196593	50-9-H	H	12/tube	\$1.44
196594	50-9-2H	2H	12/tube	\$1.44

Kimberly® Drawing Pencils



Alvin All-wood casing of western cedar, specially treated for easy sharpening. Nonporous leads for extra long durable points and dense lines of high opacity.

Stk.	Mfr.	Hardness	Qty.	Price
196665	525G-HB	HB	12	\$10.80
196566	525G-H	H	12	\$10.80
196567	525G-2H	2H	12	\$10.80
196568	525G-4H	4H	12	\$10.80
196569	525G-6H	6H	12	\$10.80

Paramount Circle Drawing Pencils



Alvin Drawing pencils have casing of selected cedar with comfortable semi-hex shape.

Stk.	Mfr.	Hardness	Qty.	Price
196665	5054-F	F	12	\$6.84
196666	5054-H	H	12	\$6.84
196561	5054-HB	HB	12	\$6.84
196562	5054-2H	2H	12	\$6.84
196667	5054-3H	3H	12	\$6.84
196563	5054-4H	4H	12	\$6.84
196564	5054-6H	6H	12	\$6.84

No. 2 Pencil w/Eraser



Alvin Hexed shaped all wood pencil that sharpens to a smooth conical point. Non-toxic yellow finish. Non-smudge eraser secured by metal ferrule.

Stk.	Mfr.	Qty.	Price
196019	ALV2	144	\$29.70

Mirado® No. 2 Pencils



Paper Mate Classic No. 2 pencil made of premium cedar with hexagon barrel. Long, straight woodgrain reduces friction during sharpening. Features pre-sharpened lead and rubber eraser.

Stk.	Mfr.	Qty.	Price
943278	05888	8	\$3.43

Non-photo Blue Pencils



Alvin High quality eraser-tipped pencil creates a fine blue line that will not smear and does not reproduce by most photographic processes.

Stk.	Mfr.	Qty.	Price
196290	1824T	12	\$14.60

Prismacolor® Premier Colored Pencils



Sanford Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

12-Color Set Includes crimson red, orange, canary yellow, grass green, apple green, true blue, violet, violet blue, sienna brown, dark brown, black, white & tin case.

Stk.	Mfr.	Price
196000	PC952	\$21.00

24-Color Set Includes crimson red, poppy red, tuscan red, pink, peach, orange, spanish orange, goldenrod, canary yellow, dark green, grass green, true green, apple green, indigo blue, cerulean blue, true blue, mulberry, violet, violet blue, perma violet, sienna brown, dark brown, black, white & tin case.

Stk.	Mfr.	Price
196001	PC953	\$39.70

Penstix Technical Markers



Alvin Produces sharp lines for drawing or use with a straightedge. India Ink-quality black ink

won't bleed through most papers. For technical drawing, sketching, fine art, lettering and illustration. Durable plastic fiber nib won't clog. Pocket clip and cap.

Stk.	Mfr.	Size	Color	Price
196027	3013-EEF	0.3mm	Black	\$1.88
196028	3015-EF	0.5mm	Black	\$1.88
196029	3017-F	0.7mm	Black	\$1.88

3-Piece Set Includes 0.3, 0.5, 0.7mm.

Stk.	Mfr.	Size	Color	Price
196031	3033		Black	\$6.60

SHARPENERS



XLR Electric Sharpener

X-Acto Hardened helical cutter for maximum precision & durability. Pencil Saver® technology prevents over-sharpening. Non-skid feet for safety. Auto reset/shutoff to prevent overheating. No electrical draw when not in use.

Stk.	Mfr.	Price
477495	1800	\$28.80



SchoolPro® Sharpener

X-Acto Sharpener produces a safe, rounded pencil point. Adjustable 6-position guide. Automatic stop prevents over-sharpening. Heavy-duty, quiet-running motor. Durable plastic case with see-through shavings receptacle.

Stk.	Mfr.	Price
477400	1670	\$50.80



Power3 Sharpener

X-Acto Hardened helical cutter for maximum precision and durability. Pencil Saver® technology prevents over-sharpening. SafeStart® prevents cutters from operating when receptacle is removed. Non-skid feet for safety. Auto reset/shutoff to prevent overheating. No electrical draw when not in use.

Stk.	Mfr.	Price
477485	1716	\$61.20



Manual Sharpener

Boston Positive-lock pencil guide for 8 different sizes. Pencil stop prevents over sharpening. Includes screws for mounting on desktop or wall.

Stk.	Mfr.	Price
477000	1031	\$13.50



Heavy-duty Pencil Sharpener

Boston Heavy-duty unit has solid steel gear and 30 cutting edges. Adjustable pencil guide for 8 different sizes. Beige metal stand. Mounts on desktop or on wall. Mounting screws included.

Stk.	Mfr.	Price
476980	1001	\$30.80



Model L Pencil Sharpener

X-Acto Heavy-duty, traditional Model L pencil sharpener mounts easily onto any horizontal surface. Single entry slot accommodates most standard-size pencils. Large chrome receptacle for shavings. Black handle and base.

Stk.	Mfr.	Price
477050	1041	\$15.50



Pencil/Crayon Sharpener

Acme Kleencut® pencil/crayon sharpener. Dual-hole metal sharpener with plastic container for shavings.

Stk.	Mfr.	Price
189220	12202	\$3.78



Mini-Rotary Lead Pointer

Alvin Lightweight lead pointer has removable top with built-in point cleaner. Made of high-impact plastic.

Stk.	Mfr.	Price
196546	42	\$13.60

Point Cleaning Pads, 10/pkg.

Stk.	Mfr.	Price
196570	EPI5	\$6.33



Desk Clamp-on Style Lead Pointer

Alvin Compact pointer makes smooth, precise points. 4 interchangeable collars accommodate various-sized lead holder diameters. Extra-large dust receptacle. 3-point cleaning pads and built-in storage for spare collars and pads. 2-point gauges in the turret measure lead extension for blunt or sharp points.

Includes 3 point cleaning pads, 4 collars & clamp (fits table up to 2"t).

Stk.	Mfr.	Price
196053	EP17	\$23.10

Point Cleaning Pads, 12/pkg.

Stk.	Mfr.	Price
196052	EPI4	\$2.24



Sandpaper Pointers

Alvin Ideal for pointing pencils, leads, charcoal and crayons by hand.

Includes 12 sheets of sandpaper mounted on a wooden handle.

Stk.	Mfr.	Price
196596	3435	\$9.72

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ERASERS & SUPPLIES



Art Gum Erasers

Alvin General purpose eraser. Also ideal for removing charcoal lines.

Stk.	Mfr.	Size	Qty.	Price
196551	I220AE	1" x 1" x 7/8"	24	\$10.80
196552	I223AE	2" x 1" x 7/8"	12	\$10.20



Red Cap Erasers

Sanford Traditional chisel-shape eraser is designed to fit all standard-sized pencils.

Stk.	Mfr.	Qty.	Price
196595	73015FC	144	\$14.60



Magic Rub Drafting Erasers

Sanford Specially-designed for removing marks from drafting film and tracing paper. White vinyl will not mark, smudge drafting surface.

Stk.	Mfr.	Qty.	Price
196553	73201	12	\$13.20



Pink Pearl Erasers

Sanford Soft, pliable for smudge-free erasing on most surfaces. Beveled at both ends.

Stk.	Mfr.	Size	Qty.	Price
196547	70520	2-1/2" x 3/4"	24	\$18.50
196548	70521	2-1/2" x 1"	12	\$12.30



Rub-Lite White Rose Erasers

Alvin Soft, pliable natural rubber eraser, beveled at both ends. Won't smudge or tear drafting surface.

Stk.	Mfr.	Size	Qty.	Price
196475	2303AE	2-1/2" x 3/4"	40	\$23.70



White Vinyl Pencil Erasers

Alvin Non-abrasive, self-cleaning eraser removes graphite from paper, vellum and film without ghosting. Protective sleeve keeps hands and eraser clean. Phthalate- and latex-free.

Stk.	Mfr.	Size	Qty.	Price
196228	I410AE	2-3/8" x 7/8" x 1/2"	20	\$16.00



Pen-style Clic Eraser

Pentel Nonabrasive white vinyl eraser in pen-style holder can be advanced easily as it wears.

Stk.	Mfr.	Price
196597	ZE22-B	\$2.66

Refill Erasers, 2/pkg.

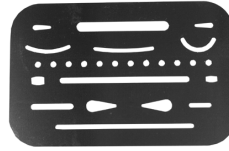
Stk.	Mfr.	Price
196598	ZER	\$2.31



Professional Draftsman's Cleaning Pads

Alvin Powdered gum eraser in a mesh fabric pad that gently removes smudges and dirt from drafting media without abrading the surface. Nothing cleans so easily or so thoroughly.

Stk.	Mfr.	Size	Price
196225	I238	1.5 oz.	\$3.76
196222	I248	3 oz.	\$5.40



Erasing Shield

Alvin Quality stainless steel shield protects surrounding artwork when erasing. 26 precision tooled openings. Polished, tarnish-resistant finish.

Stk.	Mfr.	Price
196652	3298	\$1.06



Dusting Brushes

Alvin Comfortable curved handle holds sterilized mixed horsehair in a single row of tufts to provide a stiff brushing action.

Stk.	Mfr.	Length	Price
196286	2340	10"	\$5.03
196278	2342	15-1/2"	\$5.90

ADHESIVES & TAPE



Double-sided Tape

Alvin Special, thin, double-coated tissue paper tape has adhesive on both sides, protected by silicone paper. Interlined for quick, easy application.

Stk.	Mfr.	Width	Length	Core	Price
196260	2400-A	3/4"	36 yd.	3"	\$11.50
196279	2400-B	1"	36 yd.	3"	\$15.00
196287	2400-C	1"	25'	1-1/2"	\$7.04



Invisible Tape

Alvin Disappears completely on all papers, and won't create shadowy ghosts on photocopies or diazo copies. Long-lasting, moisture-resistant tape won't curl, crack or yellow and has strong holding power. For blueprinters, architects and engineers. Will also mend torn vellum sheets.

Stk.	Mfr.	Item	Width	Length	Core	Price
196255	CC134	Tape w/ Dispenser	3/4"	36 yd.	1"	\$13.70
196256	CC340	Tape Refill	3/4"	36 yd.	1"	\$11.20



Opaque Drafting Tape

Alvin Smooth "low tack" surface. Leaves no stain, sticky particles or abraded surface.

Stk.	Mfr.	Width	Length	Core	Price
196276	2300-A	1/2"	60 yd.	3"	\$6.17
196275	2300	3/4"	10 yd.	1-1/2"	\$4.66
196277	2300-B	3/4"	60 yd.	3"	\$8.06



Drafting Strips

Alvin Strips stored in a pull-tab dispenser that supplies 2 strips simultaneously.

Stk.	Mfr.	Size	Qty.	Price
196136	DS125	3/8" x 1-1/2"	500	\$10.80



Drafting Dots

Alvin Dots secure work on drawing surfaces to prevent paper curl and tear. Good tack, but easily removed without damage to artwork. Stored in a pull-tab dispenser.

Stk.	Mfr.	Size	Qty.	Price
196134	DM123	7/8" dia.	500	\$9.86

STAPLER



Impulse Drive™ Electric Stapler

Bostitch Classic black, 25 sheet capacity stapler with No-Jam™ technology eliminates frustrating staple jams. Refill alert light indicates when to reload staples. FastLoad™ push-button staple refill system. 210 staple capacity. Uses standard staples. Mfr.'s 7-yr. limited warranty. UL Listed.

Stk.	Mfr.	Price
838505	02210	\$79.30

1/4" Staples X-Acto Boston standard staples are compatible with all standard staplers.

Stk.	Mfr.	Size	Qty.	Price
477525	73785B	1/4"	5,000	\$2.22

HOLE PUNCH



Adjustable 3-Hole Punch

Alvin All-steel punch drills up to 12 sheets at a time (16 lb. paper). Adjusts for 2- or 3-hole punching. Rear chip tray.

Stk.	Mfr.	Price
196017	00780	\$16.70

PAPER



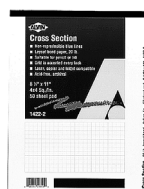
Guillotine Paper Trimmers

X-Acto Hardened steel blade provides consistent precision cutting through multiple sheets of various materials (all paper types, photographs, fabrics & film). Perpetual edge self-sharpening system.

Square platform and reduced-edge profile eases cutting of long or odd-shaped materials. Platform's multi-square design assists user in lining up materials to cut.

- Safety latch on arm & safety guard keep fingers from blade
- Heavy-weight solid wood base (3/4" T)
- For high-use in schools

Stk.	Mfr.	Size	Price
476970	26615	15" x 15"	\$115.00
476971	26618	18" x 18"	\$172.00
476972	26624	24" x 24"	\$218.00
476973	26630	30" x 30"	\$323.00



Cross Section Drawing Paper

Alvin Non-reproducible blue grid on 1 side with inch squares accentuated. Good erasing qualities and easy-to-read markings. 20 lb. paper.

4x4 grid, 50 sheet pads

Stk.	Mfr.	Size	Price
196250	1422-2	8-1/2" x 11"	\$8.06
196402	1422-7	11" x 17"	\$12.50
196405	1422-12	17" x 22"	\$22.60

4x4 grid, 100 sheet packs

Stk.	Mfr.	Size	Price
196653	1420-2	8-1/2" x 11"	\$12.90
196655	1420-7	11" x 17"	\$24.20
196657	1420-12	17" x 22"	\$39.40

8x8 grid, 50 sheet pads

Stk.	Mfr.	Size	Price
196252	1422-4	8-1/2" x 11"	\$8.06
196403	1422-9	11" x 17"	\$12.50
196406	1422-14	17" x 22"	\$22.60

8x8 grid, 100 sheet packs

Stk.	Mfr.	Size	Price
196654	1420-4	8-1/2" x 11"	\$12.90
196656	1420-9	11" x 17"	\$24.20

10x10 grid, 50 sheet pads

Stk.	Mfr.	Size	Price
196253	1422-5	8-1/2" x 11"	\$8.06
196404	1422-10	11" x 17"	\$12.50
196407	1422-15	17" x 22"	\$22.60



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Premium Heavyweight Mechanical Drawing Paper

Alvin Premium quality for drafting and drawing. Tough sulphite paper has a fine tooth finish and exceptionally good erasing qualities. 45% recycled fiber content. 80 lb. paper.

University (white)

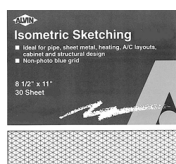
Stk.	Mfr.	Size	Qty.	Price
196340	8050-1	9" x 12"	500	\$57.00
196344	8050-3	12" x 18"	500	\$114.00
196347	8050-6	18" x 24"	250	\$118.00

Buff-tex (cream)

Stk.	Mfr.	Size	Qty.	Price
196380	9040-1	9" x 12"	500	\$57.00
196384	9040-3	12" x 18"	500	\$114.00
196385	9040-6	18" x 24"	250	\$118.00

Pine-tex (pale green)

Stk.	Mfr.	Size	Qty.	Price
196420	9430-1	9" x 12"	500	\$57.00
196426	9430-3	12" x 18"	500	\$114.00
196383	9430-6	18" x 24"	250	\$118.00



Isometric Sketching Paper

Alvin White sulphite paper with non-reproducible blue grid for mechanical drawing or design. Scale drawings in 3 directions (the axes are 120° apart, one at vertical, the other at 30°). 60 lb. paper.

100 sheet packs

Stk.	Mfr.	Size	Price
196332	1242-5	8-1/2" x 11"	\$15.10
196333	1242-6	11" x 17"	\$29.50

500 sheet packs

Stk.	Mfr.	Size	Price
196334	1242-3	8-1/2" x 11"	\$56.20
196335	1242-4	11" x 17"	\$109.00



Alva-Line 100% Rag Vellum Tracing Paper

Alvin Medium-weight vellum made of 100% new cotton rag fibers, imparting high resistance to wear and tear. Non-fading blue-white paper has finely-grained surface with excellent pencil/ink receptivity, nonghosting erasure traits. Pencil lines don't become embedded. 16 lb. paper (.00275 thickness).

100 sheet packs

Stk.	Mfr.	Size	Price
196453	6855-S-1	8-1/2" x 11"	\$19.20
196454	6855-S-3	9" x 12"	\$25.00
196455	6855-S-5	11" x 17"	\$38.50
196456	6855-S-6	12" x 18"	\$49.40
196457	6855-S-7	17" x 22"	\$73.00
196458	6855-S-8	18" x 24"	\$78.80

20 yd. rolls

Stk.	Mfr.	Size	Price
196443	6855-A	30"	\$52.70
196444	6855-B	36"	\$55.70

Title Block & Border 100 sheet packs

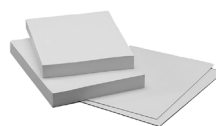
Stk.	Mfr.	Size	Price
196446	6855-B-1	8-1/2" x 11"	\$33.50
196447	6855-B-2	9" x 12"	\$37.90
196448	6855-B-3	11" x 17"	\$66.90
196449	6855-B-4	12" x 18"	\$69.40
196451	6855-B-5	17" x 22"	\$118.00
196452	6855-B-6	18" x 24"	\$137.00



Bright White Opaque Bond Plotter Paper

Clearprint Creates a high-contrast background for reading. Economical for quick check plots. Use for HP, Encad, NovaJet and Cal-Comp plotters (black only). 20 lb.

Stk.	Mfr.	Size	Price
196337	CP33101131	24" x 50 yd.	\$26.70
196341	CP33101152	36" x 50 yd.	\$37.10



Heavy Weight Opaque Plotter Bond

Alvin Extremely durable, yet economical, snow white finish provides excellent contrast. Great for pen or ink jet use. Use when diazo production is not intended. Recommended pen type: felt tip or ballwriter.

50 sheet packs

Stk.	Mfr.	Size	Price
196411	5811-9	22" x 34"	\$29.40
196412	5811-10	24" x 36"	\$34.10

100 sheet packs

Stk.	Mfr.	Size	Price
196409	5811-5	11" x 17"	\$14.20
196410	5811-7	17" x 22"	\$25.90
196311	5811-8	18" x 24"	\$27.90

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FIRST AID



85- & 192-Piece First Aid Kits

North Economical bulk supplies that can be readily accessed when needed. Ideal for manufacturing settings where a wide variety of first aid items are required. Waterproof metal case.

Includes elastic & adhesive bandages, burn cream, antibiotic ointment, cold pack, gloves, forceps, scissors, gauze pads, eyewash, eye pads, dressings, sting relief wipes, CPR shield & more.

ANSI Z308.1-2009 compliant.

Stk.	Mfr.	Persons	Pieces	Price
475100	019703-0002L	25	85	\$42.30
475101	019705-0003L	50	192	\$77.60



113-Piece First Aid Kit

Acme Stores a variety of supplies to treat cuts, scrapes, bruises, minor eye irritations and minor burns. Dust and moisture resistant molded case. Built-in handle. Wall mountable.

Includes 50 alcohol pads, 50 adhesive bandages, (3/4" x 3"), 1 instant cold pack, 2 antibiotic packets, 2 burn cream packets, 1 conforming gauze roll (2"), 1 first aid tape roll, 1 pair latex gloves, scissors, plastic tweezers & first aid guide.

Stk.	Mfr.	Persons	Pieces	Price
189261	25001	25	113	\$35.50



940- & 704-Piece Kits

Acme Well-stocked stations with product location map on each shelf to help with organization and reordering. Wall-mountable metal case (*mounting hardware not included*).

Includes elastic & adhesive bandages, burn cream, antibiotic ointment, pain relief products, cold pack,

gloves, forceps, scissors, gauze pads, alcohol pads, iodine pads, eyewash & eye pads, dressings, toumiquet, sting relief pads, CPR shield, personal protection kit & more.

Stk.	Mfr.	Persons	Pieces	Price
189291	14302	100	940	\$331.00
189292	14303	50	704	\$271.00



Bandage Strips

Acme 3/4" x 3" adhesive plastic bandages.

Stk.	Mfr.	Qty.	Price
189125	40600	100	\$9.98



First Aid Cabinet

Durham Prime cold rolled steel cabinet w/2 adjustable shelves. Door is welded in place w/a full piano hinge & rust-resistant hinge pin. 2 positive catches secure door while closed. Carry handle. Keyhole hang slots. White powder-coated, rust/acid-resistant finish. 11 lbs.

15"W x 5-9/16"D x 16-5/32"H. **Shown w/Door Pouch, sold separately.**

Stk.	Mfr.	Price
345080	534AV-43	\$58.10

12 Pocket Plastic Door Pouch

345082	564-H721	\$11.20
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Blood-borne Pathogen Kit

Acme Personal protection kit is designed to protect from blood-borne pathogens. Meets OSHA standards for cleaning bodily fluid spills, plus preventing disease and contamination.

Includes apron, shielded face mask, 2 shoe covers, 2 large powdered latex gloves, absorbent

pack, scoop/scrapper, 2 biohazard bags w/twist ties, 3 towels (14" x 21-1/2" ea.), germicidal wipe, 2 anti microbial wipes, instruction sheet & case.

Meets OSHA & ACM 91100 standards.

Stk.	Mfr.	Pieces	Price
189290	91100	17	\$29.70



Fire/First Aid Blanket

Steiner Flame retardant, wool blanket with serge hems can be used to smother flames and cover injured students. Red nylon storage pouch is vinyl coated to withstand water, weather and cold. Also features carrying strap, 4 heavy-duty hanging grommets and a Velcro™ fastener.

Meets 16 CFR Part 1610 standard for flame retardant use.

Stk.	Mfr.	Size	Price
884885	BTPCO	5' 2" x 7"	\$83.80



Fire Blanket w/Cabinet

sellstrom White fiberglass, heat-resistant blanket to cover the fire, or to wrap around a person whose clothes are on fire. Protects for excursion temperatures to 1000°F. Chemical resistant red steel cabinet is wall-mountable (15"H x 15"W x 2"D) and designed to protect blanket from common exposure.

Stk.	Mfr.	Size	Price
772740	97457	5' x 6'	\$120.00



Emergency Instruction Device (EID)

First Voice Just 4 minutes in a medical emergency can mean the difference between life and death. EID is a life saving, affordable device that allows rescuers to help mediate the situation until 911 assistance arrives.

Types of injuries & medical emergencies addressed:

- Bleeding, shock, childbirth
- Heart, chest pain, stroke
- Heat, cold, overexertion
- Multiple injuries
- Fracture, sprain
- Seizure, diabetic
- Head, neck, spine
- CPR, choking, drowning
- Eye
- Burns
- & more

Ways EID benefits rescuers:

- Reduces panic & confusion
 - English & Spanish instruction (*add'l. languages avail.*)
- Size 9"H x 11.5"W x 1.25"D. Weight 2 lbs. (*w/batteries*)

Requires 3 AA batteries or rechargeable batteries, sold separately.

Stk.	Mfr.	Price
892368	AVU5001	\$258.00

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Samaritan PAD System Defibrillator

HeartSine Sudden Cardiac Arrest (SCA) is a leading cause of death and response time is critical for survival. The Samaritan PAD System is designed especially for use in public areas by the lay, minimally-trained rescuer.

- AED (*Automated External Defibrillator*) is a small, efficient & easy-to-use lifesaving unit
- Durable, resists shock & vibration, plus carries an IP56 Rating (*the industry's highest rating against dust & water*) for use in the most inclement conditions
- Advanced technology SCOPE™ (*Self Compensating Output Pulse Envelope*) Biphasic technology automatically optimizes energy output for each person & provides significantly better performance in removing ventricular fibrillation (VF) by the third shock (*Efficacy of Distinct Energy Delivery Protocols Comparing 2 Biphasic Defibrillators for Cardiac Arrest*)
- User-friendly visual & voice prompts easily & clearly guide user through the process, plus 2-button operation (*on & shock*)

Size 8.0" x 7.25" x 1.9". Weight 2.4 lbs. (w/Pad-Pak battery).

Includes PAD defibrillator, adult Pad-Pak (*electrode pads & battery*), quick reference card, training DVD, medical prescription authorization, AED+CPR responder kit, inspection maintenance tag, AED "Equipped Facility" decal, manual & case.

Stk.	Mfr.	Item	Price
892370	HS01	Complete PAD System	\$1,360.00
892371	HS001F	System w/Cabinet & Alarm	\$1,589.00
892372	PADCAB02	Wall Bracket	\$114.00

Pad-Pak™ Refill 18V Li-ion manganese dioxide battery (*LiMnO2*) cartridge w/0.8 amp hrs., capacity of >30 shocks at 200J (*or 6 hrs. of continuous monitoring*), 3.5 yr. shelf life (*from mfr. date*), 20.5" active gel area (ea. pad). 3.5'L cable. **Includes** electrode pads, battery cartridge & holder.

Stk.	Mfr.	Item	Price
892374	PP01	Adult	\$195.00
892376	PP02	Pediatric	\$223.00

PROTECTIVE CLOTHING



Long Sleeve Coats

Red Kap Durable 80% polyester/20% cotton 5-button coat endures industrial laundering wash after wash. Left exterior chest pocket with backtacked pencil stall and 2 lower exterior pockets. Side vent openings allow access to clothing. Navy Blue. **Not fireproof.**

Stk.	Mfr.	Size	Price
578100	KP14-NV-36	36	\$32.30
578101	KP14-NV-38	38	\$32.30
578102	KP14-NV-40	40	\$32.30
578103	KP14-NV-42	42	\$32.30
578104	KP14-NV-44	44	\$38.00
578105	KP14-NV-46	46	\$38.00
578106	KP14-NV-48	48	\$38.00
578107	KP14-NV-50	50	\$38.00
578108	KP14-NV-52	52	\$38.00



Disposable Lab Coats

3M Disposable safety work wear made from a light polypropylene material. Protects the wearer against non-hazardous dusts and non-hazardous light liquid splashes. Lightweight, internal pocket, zipper closure. Elastic cuffs, breathable material. Blue. **Not fireproof.**

Stk.	Mfr.	Size	Qty./Pkg.	Price
590260	4400-M	Medium	50	\$126.00
590261	4400-L	Large	50	\$126.00
590262	4400-XL	X-Large	50	\$126.00



Cotton Aprons

Steiner 2-pocket, 9 oz. cotton denim bib style apron. Floating pencil pocket on chest will not spill contents when wearer bends at waist. Includes neck and waist ties.

Not fireproof.

Quantity Savings!

Stk.	Mfr.	Size	Qty.	Price	24 or more
885098	02935	28" x 35"	1	\$8.25	\$6.99
885099	02940	29" x 40"	1	\$8.80	\$7.49



Vinyl Lab Apron

River City Made from high quality 8 mil. virgin vinyl. Resistant to fats, oils, chemicals & abrasions. Sewn edge. Adjustable ties. Blue.

Not fireproof.

Stk.	Mfr.	Size	Qty.	Price
618715	07354	35" x 45"	1	\$3.90



Lightweight Cotton Apron

Irwin Bib apron provides full body protection. 5 pockets. Machine washable.

Not fireproof.

Stk.	Mfr.	Size	Price
619520	4031052	35" x 45"	\$13.10



Back Support Belts

McGuire-Nicholas

- Promotes proper lifting technique
- Suspender straps
- Breathable liner

Stk.	Mfr.	Size	Price
532325	629-7-M/L	Medium - Large 33" - 43"	\$15.20
532326	629-7-XL	X-Large 44" - 54"	\$15.80

GLOVES



Cotton Jersey Work Gloves

Ammex Soft brown cotton gloves with knit wrist to fit small or large sizes.

Stk.	Mfr.	Size	Price
942902	BJ-S	Small	\$1.91
942904	BJ-L	Large	\$1.91



Hi-Viz Knit Dip Gloves

Radians 15-ga. high visibility nylon shell. Elastic cuff for comfortable, slip-on fit. Micro-foam dipped latex palm provides durability and slip-free grip.

Stk.	Mfr.	Size	Price
687841	RWG10M	Medium	\$4.87
687842	RWG10L	Large	\$4.87



Synthetic Leather Work Gloves

DEWALT Terry cloth with breathable spandex back-hand. Reinforced padded palm. Breathable, flexible neoprene between fingers, and in knuckle strap and wrist system. ToughGrip™ reinforced fingertips and thumb saddle. Elastic cuff with hook and loop closure. ToughThread™ double stitching. Concealed inner seams. Machine washable.

Stk.	Mfr.	Size	Price
687830	DPG20M	Medium	\$15.60
687831	DPG20L	Large	\$15.60
687832	DPG20XL	X-Large	\$15.60



Leather Palm Work Gloves

Steiner Shoulder-split leather on palm, thumb, index finger, fingertips and knuckle strap with soft palm lining. Safety cuff style features gunn cut pattern with wing thumb, pull tab and rubberized cuffs.

Stk.	Mfr.	Size	Price
885000	SPC02	Large	\$5.23



Premium Leather Work Gloves

Steiner Premium heavyweight side split cowhide palm gloves. Soft lined palm, rubberized 2" safety cuff.

Stk.	Mfr.	Size	Price
885005	SPC22	Large	\$6.67



Premium Cowhide Gloves

Anchor Quality premium grain cowhide leather for comfortable and reliable protection. Unlined with hemmed cuff. Keystone thumb with shirred elastic back.

Stk.	Mfr.	Size	Price
618726	4010L	Large	\$14.40



Vinyl Gloves

Ammex Highly sensitive touch for painting, staining, electronics work, assembly and food handling. Ambidextrous design. 5 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198000	IV42100-S	Small	100	\$5.88
198001	IV44100-M	Medium	100	\$5.88
198002	IV46100-L	Large	100	\$5.88
198003	IV48100-XL	X-Large	100	\$5.88



Latex-free Nitrile Gloves

Ammex Low-powder, blue synthetic rubber gloves protect from most solvents and oils, plus offer abrasion, cut and puncture protection. Ambidextrous, single use glove with beaded cuff and micro-texture finish. 5 mil thick, 9.5"L.

Not for use w/ketones & some organic solvents.

Stk.	Mfr.	Size	Qty.	Price
198012	XN44100-M	Medium	100	\$11.40
198013	XN46100-L	Large	100	\$11.40
198014	XN48100-XL	X-Large	100	\$11.40



Latex Gloves

Ammex Seamless construction, rolled cuff, fits either hand. Extra stretch for best fit, highly sensitive touch. 10"L, 5 mil thick.

Caution: natural latex may cause allergic reactions in some individuals.

Powdered

Stk.	Mfr.	Size	Qty.	Price
198004	TL42100-S	Small	100	\$8.91
198005	TL44100-M	Medium	100	\$8.91
198006	TL46100-L	Large	100	\$8.91
198007	TL48100-XL	X-Large	100	\$8.91

Powder-Free

Stk.	Mfr.	Size	Qty.	Price
198008	TLF42100-S	Small	100	\$10.10
198009	TLF44100-M	Medium	100	\$10.10
198010	TLF46100-L	Large	100	\$10.10
198011	TLF48100-XL	X-Large	100	\$10.10



Polyethylene Gloves

Ammex Gloves have heat-sealed seams and fit either hand. USDA accepted. 1.25 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198015	PGLOVE-S	Small	100	\$1.94
198016	PGLOVE-M	Medium	100	\$1.94
198017	PGLOVE-L	Large	100	\$1.94



Magnetic Glove Dispenser

Lisle Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 & 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
503830	20130	\$27.10

WELDING GLOVES



Cowhide Welding Gloves

Steiner Heat Resistor™ triple layer lined side split cowhide gloves. Aluminized Mylar® inner layer reflects radiant heat off back of hand. Wing thumb with double reinforced palm and thumb. Kevlar® sewn.

Stk.	Mfr.	Size	Price
885045	02139	Large	\$18.40



Red Welding Gloves

Steiner Red side split cowhide gloves with foam insulated back and palm with full cotton lining. Straight thumb with reinforced thumb and palm. Kevlar® sewn.

Stk.	Mfr.	Size	Price
885090	02719	Large	\$15.90



Foam-lined Welding Gloves

Steiner Brown side split cowhide gloves with foam insulated full cotton lining. Reinforced wing thumb. Fully welted and Kevlar® sewn.

Stk.	Mfr.	Size	Price
885220	2119B	Large	\$15.00



Economy Welding Gloves

Steiner Gray shoulder split cowhide gloves with full cotton lining. Fully welted.

Stk.	Mfr.	Size	Price
885050	02209	Large	\$9.57



Natural Thumb™ Welding Gloves

Steiner Green premium grade side split cowhide gloves with triple layer insulated Heat Resistor™ lined back, foam insulated palm. Natural thumb design reduces fatigue. Reinforced thumb and palm patch. Fully welted and Kevlar® sewn. Green.

Stk.	Mfr.	Size	Price
885016	023NT	Large	\$22.40



Premium-grain Pigskin MIG Gloves

Steiner Premium grain pigskin with reverse grain pigskin palm. Fully welted gloves with foam insulated back, unlined palm, straight thumb, reinforced thumb strap and 5" cuff.

Stk.	Mfr.	Size	Price
885010	P750M	Medium	\$17.10
885011	P750L	Large	\$17.10
885012	P750XL	X-large	\$17.10



MIG Welding Gloves

Miller Select-grade leather with unprecedented comfort and performance. Lined gloves with dual padded palm for added comfort. Fleece insulated palm, foam insulated back. Original wrap-around keystone thumb design for exceptional dexterity and comfort.

Stk.	Mfr.	Size	Price
566263	263-333	Large	\$36.00



Premium TIG Welding Gloves

Miller Premium goat grain leather. Completely unlined for superior flexibility and dexterity. Triple padded palm for added comfort. Sewn w/100% flame-resistant Kevlar® thread for maximum seam strength.

Stk.	Mfr.	Size	Price
566264	263-348	Large	\$36.00



Split Deerskin TIG Gloves

Steiner Unlined split deerskin gloves with straight thumb and 2" cuff. Kevlar® stitched.

Stk.	Mfr.	Size	Price
885025	0221L	Large	\$13.40



TIG Welding Gloves

Steiner Unlined, Kevlar®-stitched sheepskin gloves. Sensi-TIG™ seamless index finger and straight thumb. 4" gray cuff.

Stk.	Mfr.	Size	Price
885027	0223M	Medium	\$17.10
885028	0223L	Large	\$17.10
885029	0223XL	X-large	\$17.10



Z-Flex Plus™ Treated Fiberglass High Heat Gloves

Steiner 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

Stk.	Mfr.	Item	Size	Price
885110	07115	Reversible Mittens	14"L	\$71.10
885109	07114	Gloves	14"L	\$85.70



Aramid/Fiberglass High Heat Gloves

Steiner 22 oz. Aramid (Kevlar) fibers and fiberglass blend to create gloves that withstand exposure up to 600°F. Full 11 oz. wool-insulated lining. Superior abrasion and cut resistance.

Stk.	Mfr.	Size	Price
885115	08314	14"L	\$58.00

WELDING CLOTHING



Welder's Protection Starter Pack

Miller Arc Armor® premium welding protection for the hobbyist to the professional welder.

Includes variable shade auto-darkening helmet, 9 oz. flame resistant cotton navy welding jacket, MIG welding gloves, metalworking gloves, 20-pocket tool bag & safety glasses.

Stk.	Mfr.	Size	Price
566266	255-848	Large	\$197.00
566267	255-850	X-Large	\$197.00
566268	255-851	2X-Large	\$213.00



Kevlar Bib Apron

Steiner Made from a blend of Kevlar® and fiberglass, this apron resists heat up to 600°F. Abrasion and cut resistant.

Stk.	Mfr.	Size	Price
885205	18425	24"W x 39"L	\$76.40



Kevlar Sleeves

Steiner Made from a blend of Kevlar® and fiber-glass, sleeves resist heat up to 600°F. Abrasion and cut resistant. Sleeves protect up to the mid-biceps muscle and snaps at the wrist.

Stk.	Mfr.	Size	Price
885207	18440	18"L	\$56.90



Leather Leggings with Spats

Steiner Protect your lower legs and shoes with 12" leather leggings featuring a hook and loop fastener to hold leggings in place and 9" leather shoe protector.

Stk.	Mfr.	Price
885195	12186	\$65.60



Weldmite™ Cotton Bib Aprons

Steiner A protective clothing option that is lighter and more comfortable than leather for applications not requiring leather. Made from 12 oz. permanently flame retardant fabric, the 100% cotton will retain its flame retardant properties even after repeat washings. These bucktan garments are sewn from full-cut patterns and offer adjustable neck and waist straps.

Stk.	Mfr.	Size	Price
885125	10125	24" x 36"	\$14.10
885126	10126	24" x 40"	\$15.40



Leather Spats

Steiner Full protection for foot and ankle. 5"H spats fasten by 3 adjustable straps on the ankle and 1 on the instep.

Stk.	Mfr.	Price
885194	12185	\$23.60



Weldlite™ Flame Retardant Clothing

Steiner 9 oz. cotton clothing is permanently flame retardant without taking away from its natural qualities. It's cooler and lighter than leather. Ideal for indoor or warm weather use. Stress points are bar tacked for greater strength. Green color.

885132
885136 &
885139
(right)



Weld-Rite™ Leather Jackets

Steiner Weld-Cool™ side split cowhide jackets feature underarm ventilation and riveted open seam upper back to increase air circulation and provide cool comfort in warm environments. Strong, flexible leather resists cuts, sparks and slag. Reinforced, non-reflective snaps and Kevlar® stitched seams. Satin lined shoulders and upper arm. Stand-up/roll down leather collar snaps securely in place to protect neck. Adjustable waist cinch straps for comfortable tapered fit. Soap stone holder on each upper arm.

Jackets 30"L jacket has inside chest pocket and non-reflective snap closure and snaps at wrist.

Stk.	Mfr.	Size	Price
885132	1030-M	Medium	\$24.20
885133	1030-L	Large	\$24.20
885134	1030-X	X-large	\$24.20
885131	1030-2X	2X-large	\$26.60

Cape Sleeves & Bib Arm & upper torso protection. Non-reflective snap closure & wrist snaps. Detachable bib for added protection, sold separately.

Stk.	Mfr.	Size	Price
885136	1032-M	Medium	\$18.90
885137	1032-L	Large	\$18.90
885138	1032-X	X-Large	\$18.90
885144	1032-2X	2X-Large	\$20.80
885135	10315	Bib, 19"L	\$6.37

Split Leg Apron Protection w/freedom of movement. Reinforced crotch & adjustable waist, neck & leg straps.

Stk.	Mfr.	Size	Price
885139	10336	24"VV x 40"L	\$15.90



Leather Cape Sleeves w/Bib

Steiner USA domestic side split cowhide cape sleeves with 14"L bib. Double lock stitched Kevlar® sewn seams. Riveted at stress points with non-reflective black snaps at collar, front closures and wrist. Stand-up/roll down leather collar snaps securely in place.

Stk.	Mfr.	Size	Price
885140	1212-M	Medium	\$174.00
885141	1212-L	Large	\$174.00
885142	1212-X	X-large	\$174.00
885143	1212-2X	2X-large	\$186.00

26"L

Stk.	Mfr.	Size	Price
885400	9214-M	Medium	\$93.10
885401	9214-L	Large	\$93.10
885402	9214-X	X-large	\$93.10
885403	9214-2X	2X-large	\$103.00

30"L

Stk.	Mfr.	Size	Price
885405	9215-M	Medium	\$98.70
885406	9215-L	Large	\$98.70
885407	9215-X	X-large	\$98.70
885408	9215-2X	2X-Large	\$109.00



Weld-Rite™ Leather Cape Sleeves & Bib

Steiner Protect shoulders, arms, neck, and upper body, while the back is left open to maximize ventilation and movement. Snap front closure, wrist, collar and bib attachment. Sewn with Kevlar® thread. Welted shoulder and arm seams with rivet reinforced stress points.

Bib shown with cape sleeves, sold separately.

Cape Sleeves

Stk.	Mfr.	Size	Price
885370	9210-M	Medium	\$64.70
885371	9210-L	Large	\$64.70
885372	9210-X	X-Large	\$64.70
885373	9210-2X	2X-Large	\$71.20

Detachable Bib

Stk.	Mfr.	Size	Price
885378	92115	19"L	\$20.60



885410 885412 885415

Weld-Rite™ Leather Aprons

Steiner Quality crafted from premium side split cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle.

Waist Apron

Stk.	Mfr.	Size	Price
885410	92160	24"W x 24"L	\$25.30

Bib-Style Apron 2-compartment chest pocket.

Stk.	Mfr.	Size	Price
885412	92165	24"W x 36"L	\$37.80
885413	92166	24"W x 42"L	\$44.90

Split-leg Apron Adjustable leg straps.

Stk.	Mfr.	Size	Price
885415	92171	24"W x 42"L	\$52.80
885416	92172	24"W x 48"L	\$57.10



Weld-Rite™ Leather Sleeves

Steiner Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather strap on upper arm/shoulder and rivet reinforced seams and stress points.

18"L Protects up to the mid-bicep, snaps at wrist.

Stk.	Mfr.	Qty.	Price
885419	92180	2	\$26.20

23"L Adjustable neck strap, snaps at wrist.

Stk.	Mfr.	Qty.	Price
885420	92181	2	\$37.20

SAFETY GLASSES



Dyno-Mites™ Student Glasses

sellstrom Scaled to fit a small student's face, protective glasses offer a nose piece that eliminates viewing obstructions. Adjustable comfort temples.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772825	70301	Red/White/Blue	Clear	1	\$5.90	\$5.31



Sebring® 400 Junior

sellstrom Fashionable protection for small faces, these glasses offer wide single-piece lenses for incredible clarity and side protection. Adjustable temples.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772620	73801	Black	Clear	1	\$1.74	\$1.57



Rad-Atac Small™

Radians Frame fits students with smaller faces. Rubber-tipped temples provide a nonslip, comfortable fit. Polycarbonate lens provides impact resistance.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
687802	ATS-10	Clear	Clear	1	\$2.18	\$1.99



PT9

sellstrom Attractive smooth frame with adjustable temples for a secure fit. Soft flexible nose piece provides comfortable protection.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772615	74201	Blue	Clear	1	\$3.47	\$3.12



Guest-Gard®

sellstrom Lightweight protection for visitors. Wraparound design, universal fit nose bridge, fixed side shields and frosted brim. Can be worn over eyeglasses.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	100 or more
772622	79108X	Clear	Clear	1	\$3.26	\$2.93



Maxview™

sellstrom Maxview glasses are designed for comfort and a secure fit. Polycarbonate, abrasion-resistant lens fits over most eyeglasses.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772693	79301	Clear	Clear	1	\$3.61	\$3.25



Sebring® 600 Mag

sellstrom Diopter lens inserts allow you to get a more detailed look at workpiece. Durable, wide single piece lens provides clarity and side protection. Adjustable temples for a safe and secure fit.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Frame	Lens	Bifocal Reader	Price
772734	74615	Clear	Clear	1.50	\$6.22
772735	74620	Clear	Clear	2.00	\$6.22
772736	74625	Clear	Clear	2.50	\$6.22

Place your order on-line!
www.midwesttechnology.com

Avalanche™



sellstrom Glasses offer rubberized straight tips which relieve pressure from temples. 3 lens styles to choose from - wear the indoor/outdoor lens for bright/dark lighting situations, the smoke lens for bright lighting and clear for indoors.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772627	74101	Black	Clear	1	\$4.22	\$3.79
772631	74171	Black	Smoke	1	\$4.22	\$3.79
772629	74151	Black	Indoor/ Outdoor	1	\$4.68	\$4.21



TechnoSports 11™

sellstrom Glasses offer outstanding peripheral vision, optic clarity and minimized distortion for reduced eyestrain. 1-piece, scratch-resistant, hard-coated, UV absorbing polycarbonate.

Meets ANSI Z87.1+ standards. Provides 99% UV protection.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Price	24 or more
772672	74801	Black	Clear	\$2.50	\$2.25
772673	74871	Black	Smoke	\$2.94	



Atlantis™

sellstrom Great wrap-around style providing a secure, comfortable fit. Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for rugged industrial protection.

Meets ANSI Z87.1+ High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772830	70601	Black	Clear	1	\$3.37	\$3.03



Malibu Jack™ Series

sellstrom Anti-scratch polycarbonate lens provides outstanding impact strength and optical clarity. Straight temple tips relieve pressure points.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.

Quantity Savings!

MJ15 Series						
Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772682	70801	Black	Clear	1	\$5.17	\$4.66
772683	70802	Silver	Clear	1	\$5.17	\$4.65

MJ18 Series						
Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772654	70805	Black	Clear	1	\$4.54	\$4.09



Matrix Series

sellstrom Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity. Wrap-around style.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Frame	Lens	Qty.	Price
772566	73501	Black	Clear	1	\$3.18

Sebring® 400



sellstrom Lightweight protective eyewear has adjustable temples with high-fashion styling and strong safety features. The hardcoated integral polycarbonate lenses provide side shield protection.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772689	76301	Black	Clear	1	\$2.04	\$1.84
772558	76401	Burgundy	Clear	1	\$2.04	\$1.84
772691	76601	Blue	Clear	1	\$2.04	\$1.84
772676	76371	Black	Smoke	1	\$2.04	\$1.84
772677	76701	Red/White/Blue	Clear	1	\$2.04	\$1.84



X200™

sellstrom Anti-scratch, UV-absorbing polycarbonate lenses provide outstanding impact resistance and clarity — perfect for indoor and outdoor industrial applications. Rubberized, straight temples minimize slip and relieve unwanted pressure. Rubberized nosepiece.

Provides 99% UV protection & ANSI+ High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772487	70501	Black	Clear	1	\$3.32	\$2.98
772488	70511	Black	Smoke	1	\$3.32	\$2.98



X300™

sellstrom Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for industrial protection. Straight tips relieve temple and back-of-ear pressure. Comfortable, secure wrap-around fit slide-free nose bridge.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772490	70701	Clear	Clear	1	\$1.73	\$1.55
772491	70711	Amber	Amber	1	\$1.73	\$1.55
772492	70721	Smoke	Smoke	1	\$1.73	\$1.55



X400™

sellstrom Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for industrial protection. Straight tips relieve temple and back-of-ear pressure. Comfortable, secure wrap-around fit slide-free nose bridge.

Meets ANSI Z94.3, ANSI+ High Impact & MIL-PRV-31013 Velocity Ballistic standards. Provides 99.9% UV protection. UL Z94.3 listed.

Stk.	Mfr.	Frame	Lens	Qty.	Price
772503	71301	Clear	Clear	1	\$2.23
772484	71311	Smoke	Smoke	1	\$2.42
772485	71321	Amber	Amber	1	\$2.19
772486	71371	Indoor/Outdoor	Indoor/Outdoor	1	\$3.32

**Firebirds™**

sellstrom Anti-scratch, 99.9% UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for rugged industrial protection. Wraparound style with

rubberized temple tips provides a secure, comfortable fit. Smoke lens offers contrast for inside or outside work.

Provides 99.9% UV & ANSI + High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772501	73401	Clear	Clear	1	\$2.03	\$1.82
772502	73471	Smoke	Smoke	1	\$4.39	\$3.95

**Protector™**

DEWALT Rubber-tipped temples provide secure, comfortable fit. Sleek, lightweight, polycarbonate lens is impact resistant and distortion-free.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
687804	DPG54-ID	Yellow	Clear	1	\$2.45	\$2.20

**Maxview® II**

sellstrom Wrap-around polycarbonate hard coated lens for impact strength and optical clarity. Anti-scratch lens.

Provides 99.9% UV & ANSI+ High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772685	73921	Clear	Clear	1	\$3.08	\$2.77
772782	73901	Clear	Clear/ Uncoated	1	\$2.10	\$1.89

**Virtua™**

3M Wraparound coverage, polycarbonate construction and a clear hard coat lens with a comfortable fit.

Provides 99.9% UV & ANSI+ High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
590254	11819-00000-20	Clear	Clear	1	\$1.84	\$1.65
590255	11815-00000-20	Gray	Gray	1	\$2.04	\$1.84

**Galaxy™**

Radians Impact resistant, lightweight one piece lens design offers integral side shields with adjustable temples and extended brow guard.

Provides 99.9% UV & ANSI+ High Impact standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
687828	GX0110ID	Black	Clear	1	\$1.66	\$1.50
687829	GX0510ID	Red/White/Blue	Clear	1	\$1.66	\$1.50

**Dual Comfort™**

DEWALT Ratcheting, telescoping temples adjust for a comfortable fit. Snug, rubber-tipped temples. Protective cushioned brow. Polycarbonate, impact resistant wraparound lens.

ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
687805	DPG55-ID	Black/Yellow	Clear	1	\$6.50	\$5.85

**Reinforcer™**

DEWALT Soft, rubber nose piece is ergonomically shaped for a secure grip. Cushioned rubber, non-slip temple pads add comfort and grip. Lightweight, polycarbonate lens is impact resistant and distortion-free. Handgrip pattern on temple.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
687806	DPG58-ID	Black/Yellow	Clear	1	\$6.16	\$5.54

**Nemesis Camo**

Jackson Single lens wrap-around protection. Lightweight construction, soft-touch temples.

Includes neck cord.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	12 or more
475110	22608	Camo	Smoke	1	\$6.53	\$5.88

**Protege®**

UVEX Designed with proprietary Floating Lens® technology, expandable wrap-around brow, soft temple tip pads and nose piece. USA made.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
475115	S4200	Black	Clear	1	\$4.85	\$4.36

**Falcon Safety Glasses**

UVEX Sleek, frameless design with wrap-around 9-base unilens for uncompromised peripheral vision and coverage. Polycarbonate lens with Ultra-dura® anti-scratch coating. Adjustable temple lengths for a proper, comfortable fit. USA made.

Meets ANSI Z87.1-2003 standards & military V0 ballistic impact test (protection against impact energies 7x higher than ANSI requirements). Certified to the requirements of CSA Z94.3.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	20 or more
475150	S4500	Black	Clear	1	\$4.95	\$4.45



B5™

sellstrom High-impact, adjustable frame. Clear anti-scratch UV-absorbing polycarbonate lens provide optical clarity for industrial work. For indoor/outdoor work in low light. Shade 5 IR for welding, medium to heavy torch soldering, brazing and cutting operations.

Meets ANSI Z87.1+ standards. Provides 99.9% UV & shade 5 protection.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772498	74701	Black	Clear	1	\$5.16	\$4.64
772499	74751	Black	Shade 5 IR	1	\$9.10	\$8.18



Safeguards® Eyewear Micro-fiber Bag

sellstrom Black bag w/drawstring closure stores & protects 1 pair of safety glasses.

Stk.	Mfr.	Price
772489	79904	\$2.44

SAFETY GOGGLES



Centurion™ Safety Splash Goggle

3M Wraparound frame for peripheral vision and large lens opening accommodates prescription and safety eyewear. Wide nasal flare for added comfort indirect venting to minimize fogging.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	20 or more
590240	40305	Indirect	Fog-Free	1	\$8.31	\$7.49



Odyssey® II Chemical Splash Goggles

sellstrom Industrial goggle with indirect vents on top and bottom to protect against chemical splash and dust while permitting ventilation. Blue PVC body with easy-adjust black cloth flame-retardant strap. Lens has extra-wide

peripheral vision, fits over personal glasses, UV absorbing polycarbonate, sealed, dual scratch-resistant.

Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	24 or more
772728	80200	Indirect	Fog-Free	1	\$13.30	\$12.00



Concealer™ Safety Goggles

DEWALT ToughCoat™ impact-resistant clear lens protects against scratches. Low-profile design with full-field vision. Soft, rubber lining conforms to face, blocks dust and debris. Ventilation channels and XtraClear™ coating prevent fogging. Adjustable elastic head strap.

Meets ANSI Z87.1+ standards. Provides 99.9% UVA/B protection.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	24 or more
687809	DPG82-11	Indirect	Fog-Free	1	\$10.90	\$9.80



Perforated Safety Goggles

Radians Green-tinted flexible body provides excellent ventilation and protects against dust and debris. Adjustable elastic strap. Fits over most prescription eyewear.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	24 or more
687836	GGP11UID	Direct	Regular	1	\$1.98	\$1.78
687837	GGP11IID	Direct	Fog-Free	1	\$2.46	\$2.20



Chemical Goggles

Radians Indirect vent goggle provides protection against chemical splashes. Adjustable neoprene strap. Fits over most prescription eyewear.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	24 or more
687838	GG011UID	Indirect	Regular	1	\$2.46	\$2.20
687839	GG011IID	Indirect	Fog-Free	1	\$3.02	\$2.72



Mini Economy Goggles

sellstrom Specially designed for small faces, goggles offer unbeatable comfort and protection. Green tinted flexible PVC body with .060" clear lenses. Adjustable elastic headbands.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	36 or more
772525	83000	Direct	Regular	1	\$2.78	\$2.55
772526	83200	Indirect	Regular	1	\$4.07	\$3.66



Fog-Free Goggles

sellstrom Green-tinted flexible PVC body with clear lens. 18" adjustable elastic headband.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	36 or more
772635	88010	Direct	Fog-Free	1	\$8.10	\$7.29



Fog-Free Chemistry Lab Goggles

sellstrom Molded indirect venting protects against hazardous liquids and dust. Green-tinted flexible PVC body with clear lens. 18" adjustable elastic headband.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	36 or more
772645	88210	Indirect	Fog-Free	1	\$9.27	\$8.53



Impact Goggles

sellstrom Direct vent impact goggle for protection during grinding, chipping and cutting. Soft vinyl conforms comfortably to facial contours. Fits over personal glasses. Clear acetate lens.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	36 or more
772636	88000	Direct	Regular	1	\$6.83	\$6.15



Chemical Impact Goggles

sellstrom Indirect vent impact chemical splash goggle protects against hazardous liquids and dust. Made of soft, comfortable vinyl. Fits over personal glasses. Clear acetate lens.

Meets ANSI Z87.1+ standards.

Quantity Savings!

Stk.	Mfr.	Vent	Lens	Qty.	Price	36 or more
772642	88200	Indirect	Regular	1	\$7.91	\$7.44

Elastic Goggle Replacement Headbands

sellstrom 18" green elastic strap.

Stk.	Mfr.	Qty.	Price
772626	22448	12	\$15.40

SAFETY SHIELDS



Flexiguard™ Shields

Flexbar Eye, face, neck & hand protection from splashes & chips. For most woodworking, metalworking & portable power machines. Curved plastic shield on rugged flexible gooseneck. Positively deflects chips & coolant. Permits clear & closer visual inspection of work.

C-Clamp Base For clamping shield on hard-to-affix locations. 1-3/8" clamp capacity, 1 1/16" throat to screw center, arm w/clamp 13-1/2"L.

Stk.	Mfr.	Size	Price
408502	13001	7-1/2" x 10"	\$51.30
408503	13002	10" x 12"	\$56.70
408504	13003	12" x 16"	\$66.20

Magnetic Base Disc magnet w/85 lbs. pull. Arm w/magnet 10"L. Shield swivels & locks 360°.

Stk.	Mfr.	Size	Price
408505	13004	7-1/2" x 10"	\$50.00
408506	13005	10" x 12"	\$56.70
408507	13006	12" x 16"	\$62.10

FACESHIELDS



Fog Free Faceshield

sellstrom Plastic crown and ratchet headgear with clear Sta-Clear fog free window. Easy-to-replace acetate faceshield is chemical splash resistant.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772575	39140	Clear	8" x 12"	\$31.30

Replacement Window

772591	35040	Clear	8" x 12"	\$12.40
772597	35140	Clear	8" x 16"	\$15.40



Standard Faceshields

sellstrom Maximum comfort is available with either the Ratchet or Positive Lock style headgear. Ratchet adjusts with the turn of a knob while wearing the headgear. Positive Lock features 2 snap-in locking headgear straps that adjust independently to ensure a tight fit. Windows are .040" thick.

Meets ANSI Z87.1-2003+ High Impact Standards.

Positive Lock Headgear

Stk.	Mfr.	Item	Window	Size	Price
772641	39010	With Window	Clear	8" x 12"	\$21.00
772644	39000	W/out Window			\$14.60

Ratchet Headgear

Stk.	Mfr.	Item	Window	Size	Price
772598	39110	With Window	Clear	8" x 12"	\$29.40
772596	39100	W/out Window			\$21.40

Replacement Window

Stk.	Mfr.	Item	Window	Size	Price
772592	35020		Green	8" x 12"	\$8.90
772590	35000		Clear	8" x 12"	\$9.62
772496	35100		Clear	8" x 16"	\$12.70



Infra-Guard™ IR Shade 5 Faceshield

sellstrom Excellent protection from infrared and ultraviolet rays with a wide viewing area. Includes plastic crown, ratchet headgear and 8" x 12" x .060" IR shade 5 window.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Window	Size	Price
772576	39150	IR Shade 5		\$42.80

Replacement Window

Stk.	Mfr.	Window	Size	Price
772594	35050	IR Shade 5	8" x 12"	\$16.50
772583	35150	IR Shade 5	8" x 12"	\$27.30



DP4 Faceshield

sellstrom Multi-purpose faceshield with clear window for grinding and shade 5 IR flip-up lens window for cutting and brazing. Ratchet headgear. The clear window measures 12" x 9" x .060".

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Size	Price
772643	32151	12" x 9" x 0.60"	\$55.40



Chin Protection Faceshield

sellstrom Durable faceshield features extra safety with top and bottom molded plastic caps. Drop-down ratchet headgear and 7" x 19" x .040" clear window are included.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772595	38110	Clear	7" x 19"	\$38.80

Replacement Window

772593	36000	Clear	7" x 19"	\$14.90
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Bionic® Full Faceshield

UVEX Tough, lightweight and balanced for all-day comfort. Highly adjustable, easily replaceable visor. Provides built-in chin protection and extended top-of-head coverage against chemical splash, welding, infrared radiation and airborne debris. Breathable, removable, washable headband. No metal parts. Clear uncoated visor.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Price
475 120	S8500	\$26.40



Advantage™ 301 Faceshield

sellstrom Durable aluminum-bound polycarbonate faceshield for extreme impact strength. Comfortable, ratchet headgear with soft brow pad and gray ABS crown. Easy-to-replace clear, non-glare window measures 8" x 15-1/2" x .040".

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772730	30110	Clear	8" x 15-1/2"	\$21.80

Replacement Window

772731	37600	Clear	8" x 15-1/2"	\$7.40
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Universal Windows

sellstrom Chemical-resistant polycarbonate offers outstanding durability, clarity and high-impact resistance. Acetate windows are an affordable option with a non-glare finish providing excellent clarity.

Universal hole pattern allows windows to fit the following faceshields: All-safe 5500SN & CP5004, Apex 8500, Bullard 1001 & 300/400, Crews 103, FibreMetal F501, F5400 & F6400, Huntsman Model K, Jackson 170 & 337, North 67300.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Window	Size	Price
772493	37000	Clear Acetate	8" x 16" x .040"	\$10.10
772494	37040	Clear Fog-Free Acetate	8" x 16" x .040"	\$10.90
772495	37050	IR Shade 5 Acetate	8" x 16" x .060"	\$30.60

LENS CLEANING STATIONS



Disposable Station

Radians Sturdy, economical station provides instant access for cleaning safety glasses, goggles faceshields and full face respirators. Specially-developed formula cleans greasy, oily lenses while providing an anti-fog/anti-static coating. Low lint, silicone-free tissues are non-abrasive, and leave lenses clear and streak free.

Includes box of 1,200 tissues & 16 oz. spray pump bottle.

Stk.	Mfr.	Price
687819	LCS161200	\$15.30



Towelettes

Radians Anti-fog, anti-static towelettes are easy to use and disposable. Silicone-free foil-wrapped towelettes clean glass, plastic and polycarbonate.

Stk.	Mfr.	Qty.	Price
687818	LCD100	100	\$7.68



Sta-Clear® Lens Cleaning Station

sellstrom Maintain protective eyewear and worker safety. Refillable, durable metal unit includes lock and key. Station can be fastened to wall or sanitizing monitor cabinet.

Size 8-5/8" x 6-1/2" x 5-3/8".

Includes lock & key, box of 1,000 Sta-Clear lens tissues (refills, sold separately), spray pump bottle & tissue disposal area.

Tissues should not be used on Fog Free Lenses.

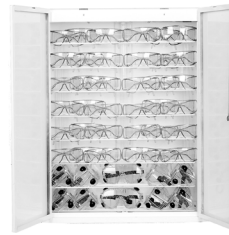
Metal Station

Stk.	Mfr.	Qty.	Price
772556	23470		\$74.10

Lens Cleaning Tissues 1,000 silica-free tissues will not scratch polycarbonate lenses. Tissues should not be used on Fog Free Lenses.

Stk.	Mfr.	Qty.	Price
772560	23480	1,000	\$23.30

EYEWEAR SANITIZING CABINETS



Monitor Germicidal Cabinets

sellstrom Sanitize student's eyewear between wearing by storing safety glasses and goggles in this white enameled steel cabinet. Timer controlled, built-in germicidal lamp. Holds up to 48 glasses, 40 goggles, or 36 glasses and 10 goggles. Interlock door has tamper-resistant latches. Wall or shelf mountable with 7' grounded electrical cord.

Size 24-1/2"W x 32"H x 9-1/2"D.

Quantity Savings!

Cabinet Only

Stk.	Mfr.	Qty.	Price	3 or more
772671	90494	1	\$739.00	\$629.00

Cabinet w/Glasses & Goggles 36 pair Safety Glasses (76301) & 10 pair Fog Free Safety Goggles (88000).

772780	350101	1	\$735.00	
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Cabinet w/Goggles 36 pair Safety Goggles (88000).

772781	350102	1	\$836.00	
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Replacement Keys For Sellstrom's 90494 cabinet.

772497	90479	2	\$15.60	
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30"L Replacement Lamp For Sellstrom's 90490, 90492 (Series 2000) & 90494 cabinets.

772670	90482	1	\$108.00	
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Office Monitor Germicidal Cabinet

sellstrom Electronic countdown timer sanitizes eyewear in only 8 minutes. The simple-to-use electronic countdown timer controls the UV lamp automatically, ensuring up to a 99.4% average kill rate. Universal rack holds up to 3 goggles or 5 protective glasses per shelf. Cabinet of 24 ga. white enameled steel, with 4 white enameled steel wire shelves. UL listed.

Size 22"H x 14"W x 9.25"L. Weight 22 lbs.

Includes lock, 2 keys & safety shut off switch.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	3 or more
772684	90498	1	\$527.00	\$475.00



Cabinet for 30 Glasses

Kerkau Lab-tested sterilization cabinet for glasses and goggles. 15-minute timer controls sterilization, key lock, 2 safety door switches, long-life ultraviolet bulbs and heavy neoprene g', 18/3 grounded power cord. Holds up to 30 goggles or safety glasses.

Size 24-1/2"W x 28"H x 9-1/4"D.

Cabinet Only

Stk.	Mfr.	Qty.	Price
217090	K-50	1	\$522.00

17" Replacement Lamp

sellstrom For Sellstrom's Series 11-11, Germicon & Kerkau cabinets.

Stk.	Mfr.	Price
772660	90469	\$50.00

Cabinet for 40 Glasses

Germicon Cabinet holds 40 goggles or glasses in individual compartments for student or instructor identification. There's even room to accommodate sterilization of hard hats. Aluminum reflectors ensure irradiation of cabinet. Features convenient timer and heavy-gauge doors with key lock. Size 30"W x 30"H x 12"D.



Cabinet Only

Stk.	Mfr.	Qty.	Price
218000	100-F	1	\$698.00

17" Replacement Lamp

sellstrom For Sellstrom's Series 11-11, Germicon & Kerkau cabinets.

Stk.	Mfr.	Price
772660	90469	\$50.00

EMERGENCY EYE WASH STATIONS



SentryWash® Eye Wash & Shower Safety Station

sellstrom Barrier free eye wash/drench shower has an 11-1/2" stainless steel bowl with 4 heads and Cyclo-lac shower head with stay-open valve.

Shower head of 10" blue ABS plastic delivers 30 GPM @ 30 psi., 20" dia. x 60"H spray. 1" IPS chrome-plated brass stay-open ball shower valve with stainless steel actuating arm and stainless steel pull rod.

Eye wash unit offers 2 outlet heads, each with a self regulating flow control (to assure soft, balanced flow), filter to remove debris from water and float-off dust cover. 1/2" IPS chrome-plated brass stay-open ball valve is activated by epoxy coated cast aluminum flag handle.

Pipe & fittings 1-1/4" IPS Schedule 40 hot-dipped galvanized steel w/9" cast aluminum floor flange.

Supply 1" IPS female top or side inlet. Waste: 1-1/4" IPS female outlet.

Meets ANSI Z358.1 standard.

Stk.	Mfr.	Price
772738	90530	\$1,471.00



Gravit-Eye™ Portable Eye Wash Unit

sellstrom 16 Gal. portable, self-contained, gravity-operated eye wash station. Made of a high density green and yellow FDA polyethylene. Designed to set on a flat surface or to be wall mounted.

Includes wall mounting bracket, drain hose, bacteriostatic additive & test log card.

Meets ANSI Z358.1 standard.

Stk.	Mfr.	Size	Price
772579	90320	20-1/2"H x 21"W x 18-1/2"D	\$220.00

Dust Cover Clear vinyl allows directions & log card to be read when station is covered. Single pulling down motion on dust cover flap initiates eye wash flow. Easy to install & clean.

Stk.	Mfr.	Size	Price
772696	90334		\$39.60

Redi-Sep™ Bacteriostatic Additive Water preservative for use in any gravity flow eye wash unit. Tamper-evident sealed. Date coded for easy inspection. In service life of 6 months.

Stk.	Mfr.	Size	Price
772509	90322	8 oz. Bottle	\$7.12



SentryWash™ Wall-mounted Eye/Face Wash Station

sellstrom 12" blue ABS plastic bowl. Soft spray outlet heads with individual volume controls. Hand/foot control with stay-open ball valve. Heavy-duty corrosion-resistant cast

aluminum wall bracket mounting.

1/2" IPS inlet, 1-1/4" IPS outlet.

Meets ANSI Z358.1 standard.

Stk.	Mfr.	Price
772667	90445	\$307.00



SentryWash™ Faucet-mounted Eye Wash Station

sellstrom Adjustable outlet heads mounted 3" apart and equipped with float-off dust covers. 3 adapters for attaching to most common faucets and removable aerator on bottom outlet.

Stk.	Mfr.	Price
772661	90100	\$152.00



SentryWash™ Emergency Drench Station

sellstrom Hand-held eye/face/body spray has 8' high-pressure hose and wall hook. Features single soft spray outlet head and self-closing valve with squeeze handle.

3/8" IPS inlet.

Meets ANSI Z358.1 standard.

Stk.	Mfr.	Price
772669	90600-2	\$255.00

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Call us at 800-831-5904.

DUST MASKS & RESPIRATORS



Nuisance Dust Masks

Sperian Disposable mask provides basic protection against non-toxic dust, pollen, mold and dander. Universal, one size.

For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
475130	14110094CC	50	\$7.42



Tekk Protection™ Nuisance Dust Masks

3M Disposable dust masks provide relief from the irritating effects of non-harmful dust.

Not NIOSH approved. For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
590420	8661PC1-15A	15	\$11.80



N95

3M Provides reliable protection against certain non-oil based particles. Features Advanced Electret Media, adjustable nose clip and nose foam for a custom fit and secure seal. Use for handling and working with grinding, sanding, sweeping, bagging, drywall materials and dusty operations.

For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
590406	8200	20	\$15.00



Safe-T-Fit Plus Respirators

Sperian Molded cup N95 particulate disposable respirators offer protection and comfort.

NIOSH 42 CFR 84 approval. 95% efficiency against solid particulates & non-petroleum

based liquid aerosols. Time use restrictions may apply. For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Size	Qty.	Price
475131	14110388	Medium/Large	20	\$18.50



Twin Cartridge Respirators

Binks Finest quality silicone face piece for outstanding comfort, easy cleanup and long life. Will not deteriorate after repeated washing and exposure to paints and solvents. Combination cradle/neckstrap for a non-slip comfortable fit. Equipped with heavy-duty oil resistant filters for extra loading capacity.

Includes 2 filters & storage bag.

Meets NIOSH 42 CFR Part 84 standard.

Stk.	Mfr.	Size	Qty.	Price
240407	40-128	Medium	1	\$74.30
240408	40-143	Large	1	\$74.30

Respirator Cartridges Offers protection against certain organic vapors, lacquers & enamels. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
240570	40-1921		2	\$19.20

Respirator Filters Specially engineered heavy-duty oil resistant filters for increased respiratory protection. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
240574	40-1924-10		10	\$32.60



Half-mask Respirators

3M Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical,

chemical manufacturing, construction, transportation & electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

Meets NIOSH standard. 2 filters required for each mask, sold separately.

Stk.	Mfr.	Size	Qty.	Price
942682	6200	Medium	1	\$16.30
942683	6300	Large	1	\$16.30

Organic Vapor Cartridge Meets NIOSH 42 CFR Part 84 standard. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
942684	6001PB1-1		2	\$12.90



Respirator Wipes

sellstrom Individually packaged wipes keep respirator safe & clean. Each easy-to-use non-alcohol towelette measures 5-1/4" x 7-1/2". Self-dispensing box can rest on counter or hang on wall.

Stk.	Mfr.	Qty.	Price
772529	22185	100	\$10.30

HEARING PROTECTION



Snug Plugs with Cord

Radians Super soft plugs are washable and reusable. FDA approved, nontoxic materials. High NRR rating for reusable ear plugs.

Meets ANSI S3.19 standard.

Stk.	Mfr.	Item	NRR	Qty.	Price
687816	JP3150ID	With Case	28 dBA	1	\$1.54
687817	JP3165ID	W/out Case	28 dBA	1	\$1.26



Resistor 32 Foam Ear Plugs

Radians Tapered comfortable fit. Extremely soft to seal without pressure. Smooth surface repels dirt.

Meets ANSI S3.19 standard.

Quantity Savings!

Stk.	Mfr.	Item	NRR	Qty.	Price	Qty.	Price
687812	FP70	Uncorded	32 dBA	1	\$0.18	200 or more	\$0.16
687813	FP71	Corded	32 dBA	1	\$0.33	100 or more	\$0.29



Detour 32 Disposable Foam Earplugs

Radians Slow-recovery foam for extreme comfort and outstanding noise reduction. Conveniently packaged in individual polybags to keep each pair clean.

Meets ANSI S3.19 standard.

Quantity Savings!

Stk.	Mfr.	Item	NRR	Qty.	Price	Qty.	Price
687811	FP30	Uncorded	32 dBA	1	\$0.20	200 or more	\$0.17
687814	FP31	Corded	32 dBA	1	\$0.39	100 or more	\$0.35



Peltor Optime™ 95

3M Stainless steel headband for consistent force and effective hearing protection. Resists bending and warping. Earcup pivot points tilt for optimum comfort. Liquid/foam filled ear cushions. Color-coding for compliance sighting.

Stk.	Mfr.	NRR	Qty.	Price
590450	H6AV	21 dBA	1	\$16.10



Terminator™ 29

Radians Lightweight earmuff offers maximum protection, comfort and fit. Soft, extra-long adjustable headband padding. Foam-filled ear cushions provide comfort, even over safety glasses.

Meets ANSI S3.19 standard.

Stk.	Mfr.	NRR	Qty.	Price
687825	TR0160CS	29 dBA	1	\$19.70



Silencer™ 26

Radians Lightweight dielectric earmuff offers padded, adjustable headband. Foam-padded earcups provide a comfortable fit even over safety glasses. Rugged and durable in a wide range of environments.

Meets ANSI S3.19 standard.

Stk.	Mfr.	NRR	Qty.	Price
687820	SL0130ID	26 dBA	1	\$8.14



Lowset 21 Folding

Radians Comfortable, lightweight, low profile design folds compactly for storage and earcup protection. Headband adjusts with side wire guides for optimum fit. Coolmax® headband wicks away moisture and cools user. Foam-filled ear cushions fit comfortably even with safety glasses.

Stk.	Mfr.	NRR	Qty.	Price
687815	LS0100CS	21 dBA	1	\$13.40



Viking VI Multiple-Position

Howard Light Multiple-position headband allows the wearer to select position over-the-head, behind-the-head or under-the-chin. Air Flow Control™ technology delivers optimal attenuation across all frequencies, without increasing ear cup size or weight. Wear with hard hats, face shields and respirators.

Dielectric construction protects in electrical environments.

Stk.	Mfr.	NRR	Qty.	Price
475145	I010925	25 dBA	1	\$11.90



Interceptor™

DEWALT Lightweight earmuff with maximum protection, comfort and fit. Low profile design folds compactly for storage and earcup protection. Headband adjusts with side wire guides for optimum fit. CoolMax™ adjustable headband wicks away moisture and cools user. Padded ear cushions fit comfortably.

Stk.	Mfr.	NRR	Qty.	Price
687808	DPG62-C	29 dBA	1	\$24.60



Eliminator 23 Earmuff

Radians Padded and adjustable headband with soft, foam filled ear cushions for a comfortable fit. Dielectric construction protects in electrical environments.

Meets ANSI S3.19 standard.

Stk.	Mfr.	NRR	Qty.	Price
687821	EL23-B	23 dB	1	\$7.92

HEAD PROTECTION



Granite Hard Hat

Radians 6-point ratchet nylon suspension is easy to adjust and allows wearer to modify the fit while wearing. Lightweight polyethylene with impact-absorbing ridges. Vertical adjustments for proper crown height positioning. Universal accessory slots. Pillowed brow band.

Meets ANSI Z89.1-2009 standard, Type I, Class G & E.

Stk.	Mfr.	Color	Price
687801	GHR6-WHITE	White	\$11.80
687800	GHR6-ORANGE	Orange	\$11.80

SAFETY TAPE & PAINT



Safety Stripe Warning Tape

Incom Tape has bright, durable warning stripes protected by clear laminated film to provide a bold, long lasting warning tape. Self-sticking tape adheres easier, faster and outlasts painted stripes.

Stk.	Mfr.	Width	Length	Color	Price
590346	VHT210	2"	18 yd.	black/yellow	\$4.68
590364	VHT211	2"	18 yd.	red/white	\$4.68
590347	WT2110	2"	36 yd.	black/yellow	\$7.73
590365	WT2200	2"	36 yd.	red/white	\$7.73



Contractor-grade Nonskid Tape

Incom High-traction tape with durable 46-grit aluminum oxide compound provides longevity for general purpose indoors/outdoors. Good water and chemical resistance.

Black

Stk.	Mfr.	Width	Length	Price
478700	SG7002CB	2"	60'	\$23.50
478701	SG7004CB	4"	60'	\$46.80
478702	SG7006CB	6"	60'	\$70.30

Yellow/Black Striped

Stk.	Mfr.	Width	Length	Price
478698	SG3902YB	2"	60'	\$34.60

Yellow/Black "Caution Watch Your Step"

Stk.	Mfr.	Width	Length	Price
478710	SG8903PT	3"	60'	\$65.00

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Anti-Skid Epoxy Spray w/Grit

Goop Provides slip resistance anywhere firm footing is desired. Easy to use and covers up to 15 sq. ft. Lead, chemical, gas and oil resistant. Dries in 24 hours.

Contains no CFCs.

Stk.	Mfr.	Color	Size	Price
375960	5370020	Clear	11 oz.	\$14.70

SAFETY SIGNS



Messaging Board

Velleman A ready-to-run moving message medium. Easy to use and features 1 color (red). Memory for

up to 26 page text or 16 page graphic plus 10 page text messages. Each page max. 210 characters (or 6,500 characters in total).

- 3 fonts
- Display effect: normal or blinking
- 4 scrolling speeds
- 4 pre-programmed graphic symbols (motor, arrow, down & left)
- Display information: text, symbols & graphics
- 3 different songs can be added randomly in a message
- Both the current date & time can be displayed in the message
- Device can be wall-mounted, hung from the ceiling or free standing
- Easy programming via remote control (included) or via PC w/RS-232/USB connection (software included)
- System requirements: Windows® 98 or higher

Viewable area: 2' x 2-11/64". Weight: 3.5 lbs.

For complete specifications view this product on our website.

Stk.	Mfr.	Price
949140	MML16RU	\$176.00



Caution Wet Floor

Rubbermaid Alert students to slippery floor conditions. Yellow 2-sided sign is printed in 4 languages (English, French, German & Spanish). Plastic sign folds flat.

Stk.	Mfr.	Overall Size	Price
942744	6112-YEL	26-1/2"H x 11"W x 1-1/2"T	\$26.90



Orange Traffic & Safety Cone

MSA Durable 1-piece, PVC cone stays flexible in all weather conditions. High-visibility fluorescent orange is ultraviolet stabilized for fade resistance. Stable high-density base.

Meets MUTCD specifications.

Stk.	Mfr.	Size	Price
943029	10073409	11"L x 11"W x 18"H	\$15.20

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.



General Shop Safety Signs

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Eye Protection Required

Stk.	Mfr.	Size	Price
770411	A	6" x 8"	\$3.96
770370	A	8" x 11"	\$6.34

Keep Guard in Place

770412	B	6" x 8"	\$3.96
770371	B	8" x 11"	\$6.34

Think! Accidents are Avoidable!

770413	C	6" x 8"	\$3.96
770372	C	8" x 11"	\$6.34

Keep Fingers Away From Moving Parts

770414	F	6" x 8"	\$3.96
770373	F	8" x 11"	\$6.34

Keep the Shop Clean and Orderly

770415	G	6" x 8"	\$3.96
770374	G	8" x 11"	\$6.34

No Running or "Horseplay" in the Shop

770416	H	6" x 8"	\$3.96
770375	H	8" x 11"	\$6.34

Do Not Bother Machine Operators

770417	J	6" x 8"	\$3.96
770376	J	8" x 11"	\$6.34

Put Tools Back in Their Proper Place

770418	K	6" x 8"	\$3.96
770377	K	8" x 11"	\$6.34

Machines Have No Brains. Use Yours!

770419	L	6" x 8"	\$3.96
770378	L	8" x 11"	\$6.34

Safety Instruction Required Before You Operate Machines

770420	M	6" x 8"	\$3.96
770379	M	8" x 11"	\$6.34

10-Piece Set

560203	MW-GSSP2	6" x 8"	\$39.60
560202	MW-GSSP	8" x 11"	\$55.00



Mirror Brite Safety Signs

Safety Rules Heavy-duty, high-impact, 1/16" plastic signs are very resistant to breaking, chemicals, weathering, etc., OSHA compliant. Hole in each of the rounded corners.

Black/Yellow

Stk.	Mfr.	Item	Size	Price
770402	313	Caution Do Not Talk To Operator	10" x 14"	\$15.00
770403	361	Caution Do Not Operate Without Safety Glasses	10" x 14"	\$15.00
770404	363	Caution Do Not Watch Arc	10" x 14"	\$15.00
770405	366	Caution Wear Eye Protection	10" x 14"	\$15.00

Red/White

770406	101	Fire Extinguisher	10" x 14"	\$15.00
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Green/Black

770407	627	Think The Safe Way Is The Best Way	10" x 14"	\$15.00
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Red/Black/White

770408	403	Danger Flammable Materials	10" x 14"	\$15.00
770409	481	Danger Acetylene	10" x 14"	\$15.00
770410	483	Danger Hazardous Chemicals	10" x 14"	\$15.00

Machine Safety Rules

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Circular Saw

Stk.	Mfr.	Size	Price
770421	1	6" x 8"	\$3.96
770385	1	8" x 11"	\$6.34

Jointer

770422	2	6" x 8"	\$3.96
770386	2	8" x 11"	\$6.34

Jig Saw

770423	3	6" x 8"	\$3.96
770387	3	8" x 11"	\$6.34

Band Saw

770424	4	6" x 8"	\$3.96
770388	4	8" x 11"	\$6.34

Wood Lathe

770426	5	6" x 8"	\$3.96
770389	5	8" x 11"	\$6.34

Radial Arm Saw

770427	6	6" x 8"	\$3.96
770390	6	8" x 11"	\$6.34

Disc/Belt Sander

770428	7	6" x 8"	\$3.96
770391	7	8" x 11"	\$6.34

Surfacer

770429	8	6" x 8"	\$3.96
770392	8	8" x 11"	\$6.34

Wood Shaper

770430	10	6" x 8"	\$3.96
770393	10	8" x 11"	\$6.34

Drill Press

770431	11	6" x 8"	\$3.96
770394	11	8" x 11"	\$6.34

Grinder

770432	12	6" x 8"	\$3.96
770395	12	8" x 11"	\$6.34

Gas Welding

770433	13	6" x 8"	\$3.96
770396	13	8" x 11"	\$6.34

Electric Welding

770434	14	6" x 8"	\$3.96
770397	14	8" x 11"	\$6.34

Metal Lathe

770435	15	6" x 8"	\$3.96
770398	15	8" x 11"	\$6.34

Milling Machine

770436	16	6" x 8"	\$3.96
770399	16	8" x 11"	\$6.34

Vertical Band Saw

770437	17	6" x 8"	\$3.96
770400	17	8" x 11"	\$6.34

Horizontal Band Saw

770438	20	6" x 8"	\$3.96
770401	20	8" x 11"	\$6.34

17-Piece Set

560204	MW-BSSP2	6" x 8"	\$59.00
560201	MW-BSSP	8" x 11"	\$89.00



Shop Safety Rules

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Stk.	Mfr.	Item	Size	Price
770380	AS-22	Auto Shop	17-1/2" x 22"	\$14.20
770381	ES-22	Electronics Shop	17-1/2" x 22"	\$14.20
770382	GS-22	General Shop	17-1/2" x 22"	\$14.20
770383	MS-22	Metal Shop	17-1/2" x 22"	\$14.20
770384	WS-22	Wood Shop	17-1/2" x 22"	\$14.20
560200	MW-SRSS	5-Piece Set	17-1/2" x 22"	\$59.00

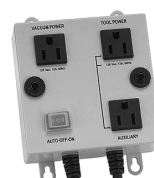
POWER SAFETY CONTROLS



Magnetic Safety Switch

General Intl. For use on all types of stationary power tools. Extra-large 6" x 6-1/2" STOP panel for hands-free shut-off using knee, thigh, hip or elbow (depending on switch position). Built-in circuit breaker cuts power to machine in case of power surge or power failure. Ultra-safe design requires 2-step re-start procedure after any shut-off. Adaptable to fit on most existing switch mounting brackets or directly to machine cabinets (drilling may be required). Equipped with removable lock-out safety key.

Stk.	Mfr.	Volts	Phase	HP	Amps	Price
420880	85-110	110	1	1	8-11	\$259.00
420881	85-120	110	1	3/4	10-15	\$259.00
420882	85-125	110	1	1	11-14	\$259.00
420883	85-210	220	1	2-3	8-11	\$259.00
420884	85-215	208-230	1	1-1/2	8-11	\$259.00
420885	85-225	220	1	2-3	14-17	\$259.00
420886	85-230	220	3	2	4.5-6.5	\$259.00
420887	85-240	208-230	1	3	10-15	\$259.00
420888	85-245	220	1	3	14-17	\$259.00
420889	85-255	220	3	5	11-14	\$259.00



iVac Switch Box

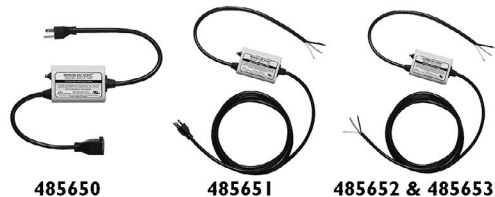
BCTINT iVac (Intelligent Vacuum) increases work shop cleanliness and safety by eliminating the distraction of turning dust collection system (DCS) on and off while operating potentially dangerous power tools. Easy-to-use unit features a 3-position switch (auto, on & off).

- Auto Mode starts DCS system when power tool is activated
- On Mode keeps DCS on for easy end-of-job cleanup
- Off Mode causes DCS to be off
- Turn on delay (0.5 to 2.0 sec.) avoids dual power surges from DCS & power tools being activated simultaneously
- Turn off delay (6 sec.) clears any remaining airborne debris
- 2 input power cords accommodate situations when large tools & DCS require more than the standard 15 amp AC outlet (each cord has built-in circuit breaker protection)
- Extends DCS life since it isn't inadvertently left on when not needed
- Compact, lightweight unit is easily wall mounted

ETL Safety Approval.

Conforms to UL STD 244A & CSA STDC22.2 No. 14.

Stk.	Mfr.	Price
529500	SB-NA	\$55.70



Restart Safety Plugs
JDS Products
 The easy-to-install, inexpensive solution to anti-automatic restart safety,

without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hack-saws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

You must install any matching plugs on the power cord.

Model 1996 For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
485650	1996	120	15	\$97.00

Model 1997 For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

485651	1997	120	15	\$97.00
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Model 1998 For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

485652	1998	120	18	\$97.00
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Model 1999 For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

485653	1999	200-240	15	\$97.00
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SAFETY CANS



Funnel
Eagle Funnel may be used with safety cans. Fits snugly as a spout or can be detached and used as a funnel. Self-venting.

Stk.	Mfr.	Size	Price
378469	F-15	9"L	\$7.99



Type 1 Safety Can w/Funnel
Eagle Safety spring on spout closes cap tightly. Double-walled brass flame arrestor absorbs and dissipates hot air to keep vapor temperature below ignition point. Attach self-venting 9" funnel for use as a spout.

Meets OSHA requirements.

Stk.	Mfr.	Capacity	Height	Price
378134	U1-10-FS	1 gal.	10"	\$54.50
378140	U1-20-FS	2 gal.	9-1/2"	\$56.80
378201	U1-50-FS	5 gal.	13-1/2"	\$62.50



Type 2 Safety Cans
Eagle Galvanized steel safety cans with 2 openings (1 pressure-relief spring-closing lid for filling & 1 actuated pour valve w/flexible metal spout for safer controlled dispensing). 7/8" flexible metal filler spout and flame arrestors in both openings are non-sparking brass designed for flashback protection.

FM, UL & ULC approved, meets OSHA & NFPA requirements.

Stk.	Mfr.	Capacity	Height	Price
378210	U2-26-S	2 gal.	9-1/2"	\$113.00
378211	U2-51-S	5 gal.	13 1/2"	\$115.00



Oily Waste Cans
Eagle Combustion-safe can helps dispose of solvent and oily waste, rags and other material subject to spontaneous combustion. Convenient handles and foot lever. Sturdy polyethylene construction is designed for stability. Red.

Meets OSHA requirements & FM approved.

Stk.	Mfr.	Capacity	Height	Price
379350	933-FL	6 gal.	16"	\$76.10
379352	935-FL	10 gal.	18"	\$90.30



Steel Oily Waste Cans
Justrite Combustion-safe can helps dispose of solvent and oily waste, rags and other material subject to spontaneous combustion. Self-closing, hands-free cover snaps shut, stays shut when pedal is released. Lead-free galvanized steel body with reinforcing ribs. Round, raised can with flow-through base.

- 1-piece cover for disposal bag use
- 10-yr. mfr.'s warranty
- Trilingual safety label
- Bright red warning color
- Powder-coated paint finish
- Carry handle
- Lid opens to 60°

Meets OSHA requirements. FM & UL approved.

Stk.	Mfr.	Capacity	Height	Price
492200	09100	6 gal.	15-7/8"H	\$79.30
492205	09300	10 gal.	18-1/4"H	\$100.00

SAFETY STORAGE CABINETS



Steel Cabinets for Corrosives
Justrite Safe, compliant storage for corrosives, but with the same features as the Flammable Liquid Cabinets. With the same features of the liquid cabinets, steel cabinets resist aggressive chemicals, acid cabinets include polyethylene trays attached to galvanized steel shelves and a separate polyethylene liner for the bottom sump. The liner can be removed for easy cleaning of drips and leaks. Extra polyethylene top work tray (893002 only) can be secured to cabinet top for a work surface. All-epoxy, baked-on powder coat finish is exclusively formulated to resist the acids, bases and solvents. 2 door, manual-opening cabinet.

Stk.	Mfr.	Capacity	Shelf Depth	Size WxHxD	Weight	Price
492288	893002	30 gal.	1 @ 15"	43"x44"x18"	233 lbs.	\$1,040.00
492290	894502	45 gal.	2 @ 15"	43"x65"x18"	316 lbs.	\$1,228.00



Flammable Liquid Storage

Justrite Sturdy 18-gauge steel, welded double-wall construction with 1-1/2" insulating air space. Self-close style features fusible links to hold doors open and concealed self-close mechanism for obstruction-free access.

- Yellow powder-coated, lead-free finish (*in/out*) for max. chemical resistance
- 10-yr. mfr.'s warranty
- Rounded door corners
- Dual vents w/ flame arrestors
- 2" leakproof sill to capture spills
- 4 adjustable, wobble-free leveling feet
- Internal & external welded construction
- 3-point, self-latching, easy-close doors
- U-Loc™ handle includes cylinder lock & keys or accepts a padlock (*sold separately*)
- Haz-Alert™ reflective warning labels are highly visible under fire conditions or during power outages when illuminated with a flashlight
- Adjustable galvanized steel shelves support 350 lbs.
- Meets FM, OSHA & NFPA Code 30 specifications
- Spill-catcher shelves adj. on 3" centers
- Sturdy continuous piano door hinge
- Red trilingual warning label
- Ground connector
- USA made

Codes state that not more than 60 gal. may be Class I & Class II liquids. Uniform Fire Code approved. Cabinets shown with product, sold separately.

2 Door, Manual-close Cabinets

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492265	893000	30 gal.	1	15"	43"W x 44"H x 18"D	231 lbs.	\$891.00
492268	894500	45 gal.	2	15"	43"W x 65"H x 18"D	310 lbs.	\$1,104.00
492277	896000	60 gal.	2	30"	34"W x 65"H x 34"D	387 lbs.	\$1,329.00

2 Door, Self-close Cabinets

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492266	893020	30 gal.	1	15"	43"W x 44"H x 18"D	237 lbs.	\$997.00
492269	894520	45 gal.	2	15"	43"W x 65"H x 18"D	313 lbs.	\$1,213.00
492279	896020	60 gal.	2	30"	34"W x 65"H x 34"D	392 lbs.	\$1,445.00

Undercounter Cabinet, 2-Door Manual Close 3-1/2"H x 2-1/2"D kickplate to mount flush with other cabinets.

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492292	892300	22 gal.	1	19"	35"W x 35"H x 22"D	190 lbs.	\$866.00

Sliding Door, Self-close Cabinets

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492273	893080	30 gal.	1	15"	43"W x 44"H x 18"D	246 lbs.	\$1,483.00
492274	894580	45 gal.	2	15"	43"W x 65"H x 18"D	330 lbs.	\$1,705.00
492280	896080	60 gal.	2	30"	34"W x 65"H x 34"D	405 lbs.	\$2,154.00

Wall Mount, 2-Door Manual-close Cabinet *Includes* wall mounting hardware.

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492291	893400	20 gal.	5	9"	43"W x 44"H x 12"D	221 lbs.	\$1,035.00

Piggyback Cabinet, 2-Door, Manual-close Mount on top of Justrite's standard 30- and 45-gal. manual or self-close cabinets (*do not mount on sliding door cabinets*). Can also be used singly as a bench top cabinet or mount on the wall with optional Wall Hanger Assembly Kit (*sold separately*).

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492293	891300	12 gal.	0		43"W x 18"H x 18"D	129 lbs.	\$697.00
492295	891700	17 gal.	1	15"	43"W x 24"H x 18"D	157 lbs.	\$795.00

Piggyback Cabinet Wall Hanger Assembly Kit

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492299	25950						\$95.90

Aerosol Can Cabinet, 1-Door Manual-close 24 ga. galvanized steel roll-out shelves with easy-glide plastic rollers and stop guard protection. 2 fixed-position holders have twelve 2-3/4" dia. openings, accept cans up to 10" tall, and remove for easy cleaning.

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
492289	890500	24 cans	2		21"W x 27"H x 18"D	62 lbs.	\$1,098.00



379486

379474

379408

379506

379405

379495

Flammable Liquid Cabinets

Eagle Reinforced 18-gauge steel, double wall panel construction with 1-1/2" air space on top, sides, bottoms & doors.

- Yellow baked-on powder coat high gloss finish is lead-free
- Sturdy continuous piano door hinge
- 4 adjustable galvanized leveling legs
- Internal & external welded construction
- Meets OSHA & NFPA Code 30 specifications
- 2 vents w/2" threaded fittings have fire baffle & cap
- Adjustable galvanized steel shelves support 350 lbs.
- Red trilingual warning label
- 2" raised leakproof sill
- Ground connection
- 3-point key lock
- USA made

Cabinets shown with product, not included. FM approved.

1-Door, Manual Close Cabinet

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379486	1961	60 gal.	2	28"	31.25"W x 65"H x 31.25"D	364 lbs.	\$1,158.00

2-Door, Manual Close Cabinet

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379407	1932	30 gal.	1	15"	43"W x 44"H x 18"D	247 lbs.	\$809.00
379474	1947	45 gal.	2	15"	43"W x 65"H x 18"D	342 lbs.	\$1,001.00

2-Door, Manual Close Cabinet

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379487	1962	60 gal.	2	28-1/4"	31.25"W x 65"H x 31.25"D	354 lbs.	\$1,200.00

2-Door, Manual Close Cabinet w/Safety Cans

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379408	1932SC6	30 gal.	1	15"	43"W x 44"H x 18"D	290 lbs.	\$966.00
379475	1947SC9	45 gal.	2	15"	43"W x 65"H x 18"D	405 lbs.	\$1,159.00
379488	1962SC12	60 gal.	2	28-1/4"	31.25"W x 65"H x 31.25"D	440 lbs.	\$1,404.00

Sliding Door, Self Close Cabinets

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379405	1930	30 gal.	1	14-3/4"	43"W x 44"H x 18"D	253 lbs.	\$887.00
379470	1945	45 gal.	2	14-3/4"	43"W x 65"H x 18"D	340 lbs.	\$1,113.00

Paint & Ink Storage Cabinets, 2-Door Manual Close

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379510	YPI-77	30 gal.	5	8-3/4"	43"W x 65"H x 12"D	320 lbs.	\$1,076.00
379506	YPI-32	40 gal.	3	14-3/4"	43"W x 44"H x 18"D	281 lbs.	\$862.00
379507	YPI-47	60 gal.	5	14-3/4"	43"W x 65"H x 18"D	389 lbs.	\$1,093.00
379508	YPI-62	96 gal.	5	28"	31.25"W x 65"H x 31.25"D	412 lbs.	\$1,371.00

Under Counter, Self Close Cabinet

Stk.	Mfr.	Capacity	Shelves	Shelf Depth	Overall Size	Weight	Price
379495	1970	22 gal.	1	18-3/4"	35"W x 35"D x 22"H	215 lbs.	\$924.00

Attach Tall Storage Cabinets to the wall for added safety.

Please visit midwesttechnology.com for the complete specifications of the products listed on this page.

CLAMPS

Clamp Starter Set



Midwest

24-piece starter set includes:

- 6 Jorgensen handscrew clamps (2 ea. of #0, #2, 3/0)
- 6 Jorgensen C-clamps (2 ea. of 2", 4", 6" max. opening)

- 4 Pony spring clamps (2 ea. of 2", 3")
- 2 Pony pipe clamps, 3/4"
- 4 Quick-Grip bar clamps (2 ea. of 12", 24")
- 2 Jorgensen bar clamps, 4'

Stk.	Mfr.	Price
544847	MW-CLAMP	\$489.00

Clamp Set



Midwest

22-piece Jorgensen clamp set includes:

- 6 expandable bar clamps (2 ea. of 6", 12", 24")
- 8 light-duty bar clamps (4 ea. of 4", 6")

- 4 medium-duty bar clamps (2 ea. of 24", 36")
- 4 heavy-duty bar clamps (2 ea. of 24", 36")

Stk.	Mfr.	Price
544846	MW-7340	\$389.00

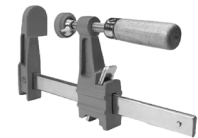
Bar Clamp Pads



Pony Pads fit onto clamp faces to provide protective cushion between surface and pressure. May be used on Hargrave and Jorgensen bar clamps as well as on No. 50 pipe clamp.

Stk.	Mfr.	Qty.	Price
192943	7456	4	\$6.51

Bar Clamps



Jorgensen

Light-Duty Bar 5/8" x 3/16". Throat 2". Capacity 300 lbs.

Stk.	Mfr.	Max. Opening	Price
192363	3704-LD	4"	\$10.30
192366	3706-LD	6"	\$10.60
192367	3708-LD	8"	\$11.10

Medium-Duty Bar 3/4" x 1/4". Throat 2-1/2". Capacity 600 lbs.

Stk.	Mfr.	Max. Opening	Price
192365	3706	6"	\$13.90
192369	3712	12"	\$16.00
192371	3718	18"	\$16.20
192375	3724	24"	\$18.20
192378	3730	30"	\$20.70
192382	3736	36"	\$22.60

Heavy-Duty Bar 1" x 5/16". Throat 2-1/2". Capacity 1,000 lbs.

Stk.	Mfr.	Max. Opening	Price
192368	3706-HD	6"	\$18.50
192370	3712-HD	12"	\$19.70
192372	3718-HD	18"	\$22.20
192376	3724-HD	24"	\$23.70
192379	3730-HD	30"	\$25.60
192383	3736-HD	36"	\$27.00

Aluminum Bar Clamps



Jorgensen Die cast aluminum alloy. Stationary head cast from malleable iron. Orange baked enamel finish. Screw cold drawn

steel 1/2" dia. Smooth threads. Hardened steel thrust bearing at point of screw. Sliding vise-type handle.

Bar 1-5/16" x 13/16". Throat 1-5/8". Capacity 1,500 lbs.

Stk.	Mfr.	Max. Opening	Price
192345	3524	24"	\$40.40
192348	3536	36"	\$48.50
192352	3548	48"	\$58.90
192356	3560	60"	\$68.20
192360	3572	72"	\$79.10

I-Bar Clamps



Wilton Rapid-acting powerful clamp constructed for hard, everyday production work. Patented quick-action, no-slip clutches are 3/4"

apart and formed in the web for greater bar strength. High-strength ductile slide cannot slip or bind, and is easily released. Steel handle with comfortable wood crank handle for fast clamping.

Bar 7/16" x 1-1/2". Throat 1-13/16". Capacity 6,000 lbs.

Stk.	Mfr.	Max. Opening	Price
961211	21801	24"	\$54.20
961278	21803	36"	\$67.60
961345	21804	48"	\$75.80
961412	21805	60"	\$83.90
961479	21806	72"	\$101.00

Steel I-Bar Clamps



Jorgensen Bars with great strength and stiffness provide support for rigorous daily school and commercial shop demands. Resilient fixed-head is threaded to accommodate the screw.

Screws and handles are used for final clamping adjustments only. Multiple-disc clutch holds securely at any point along the bar.

Bar 1-1/2" x 7/16". Throat 2-1/8". Capacity 7,000 lbs.

Stk.	Mfr.	Max. Opening	Price
192608	7224	24"	\$56.30
192666	7230	30"	\$59.30
192675	7236	36"	\$62.80
192742	7248	48"	\$69.90
192809	7260	60"	\$77.00
192876	7272	72"	\$99.50

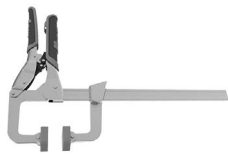
90° Parallel Bar Clamps



Jorgensen Designed for cabinet assembly work with 3-3/4" throat depth and 1-7/8" clamping surface. Multiple hardened steel clutches and rigid steel jaws with protective orange plastic. Features large maple handle, reversible head, built-in end stop and clamp stand.

Bar 1-3/16" x 3-3/8". Throat 3-3/4". Capacity 1,000 lbs.

Stk.	Mfr.	Max. Opening	Price
192946	8012	12"	\$51.50
192947	8024	24"	\$57.80
192948	8030	30"	\$63.10
192949	8036	36"	\$66.60
192951	8048	48"	\$73.50



Automaxx™ Heavy-Duty Bar Clamps

Kreg Heavy-duty bar clamp features a highly durable, all-metal construction to withstand years of use. Ergonomic padded grips provide comfort, while extra-large clamp faces spread clamping pressure evenly. Adjustable clamping pressure.

Bar .275" x 1". Clamping pressure 700 lbs.

Stk.	Mfr.	Max. Opening	Throat	Price
793914	KSC-1485-12	12"	2-7/8"	\$41.10
793915	KSC-1485-24	24"	2-7/8"	\$46.50
793916	KSC-1485-40	40"	2-7/8"	\$58.50

One-handed Mini Bar Clamps



Quick-Grip A strong clamp to fit in small places. Quick-Release® trigger for 1-hand use. High-tech resin construction is strong yet lightweight. Positive locking action holds work tight. Soft, durable pads protect work.

Bar 3/8" x 1/2". Throat 2-1/2". Capacity 150 lbs.

Stk.	Mfr.	Max. Opening	Price
619585	546	6"	\$13.10
619569	5412	12"	\$13.30

One-handed Micro Bar Clamps



Quick-Grip Small, 1-handed clamp/spreader for hobby and craft applications. Reverse clamp pads for spreader.

Throat 1-3/16". Spread 3-1/8" x 8".

Stk.	Mfr.	Max. Opening	Qty.	Price
619559	53006	4-1/4"	1	\$5.91
619561	530062	4-1/4"	2	\$10.60

One-handed Bar Clamp/Spreaders



Quick-Grip 1-handed clamp delivers 33 lbs. of sustained clamping force. Quick-change jaw for multipositioning flexibility. Large pliable pads protect workpiece. Heat-treated bar provides strength and rigidity. Strong, blue high-tech resin jaws.

Stk.	Mfr.	Max. Opening	Throat	Spread Capacity	Price
619449	506QCN	6"	3-1/4"	8" x 13-5/8"	\$20.80
619555	512QCN	12"	3-1/4"	8" x 19-5/8"	\$23.10
619563	518QCN	18"	3-1/4"	8" x 25-5/8"	\$26.60
619567	524QCN	24"	3-1/4"	8" x 31-5/8"	\$28.90
619576	536QCN	36"	3-1/4"	8" x 43-5/8"	\$34.70

ISD® 3 Expandable Bar Clamps



Jorgensen 1-handed ease and substantial clamping force for woodworking projects. Allows 2 clamps to be combined for 6" of additional clamping length. Dual durometer handles with quick release for easy changes. Head reverses for spreading tasks.

Stk.	Mfr.	Max. Opening	Throat	Spread Capacity	Price
192320	33406	6"	3-1/4"	7-1/2" x 14"	\$24.70
192321	33412	12"	3-1/4"	7-1/2" x 20"	\$28.80
192322	33418	18"	3-1/4"	7-1/2" x 26"	\$31.00
192323	33424	24"	3-1/4"	7-1/2" x 32"	\$35.50
192324	33436	36"	3-1/4"	7-1/2" x 44"	\$40.90



XP One-handed Bar Clamp/Spreaders

Quick-Grip One-hand gripping ease with 550 lbs. of pressure, making glue-ups and holding easier and faster. Reinforced I-beam bar resists twisting and bowing under pressure. Internal PowerLocks™ hold more pressure, longer. Quick-Change™ jaw quickly converts into a spreader. Non-marring pads.

Stk.	Mfr.	Max. Opening	Throat	Spread Cap'y	Price
619543	2021406N	6"	3-3/4"	9"x 14-5/8"	\$31.70
619544	2021412N	12"	3-3/4"	9"x 20-5/8"	\$35.30
619545	2021418N	18"	3-3/4"	9"x 26-5/8"	\$39.30
619546	2021424N	24"	3-3/4"	9"x 32-5/8"	\$43.90
619547	2021436N	36"	3-3/4"	9"x 44-5/8"	\$52.40
619548	2021450N	50"	3-3/4"	9"x 58-5/8"	\$59.70

Style 50 Pipe Clamp



Pony Foot has clutch which grips automatically at any point.

Black pipe, not to exceed 1.062" O.D., is not included.

Stk.	Mfr.	Clamp Face	I.D. Pipe	Price
191469	50	1-3/4"	3/4"	\$22.30

Style 52 Pipe Clamp



Pony Lightweight and ideal for light industrial/commercial applications.

Black pipe not included.

Stk.	Mfr.	Clamp Face	I.D. Pipe	Price
191471	52	1-1/2"	1/2"	\$17.40

Pipe Clamps



Quick-Grip Clutch system eliminates need for threaded pipe. Large feet offer stability and clearance between handle and work top. Large

ergo handle for clamping with reduced hand fatigue. Large clutch plates allow easy release and increased durability and dependability.

Black pipe not included.

Stk.	Mfr.	Clamp Face	I.D. Pipe	Price
619208	224134	1-7/8"	3/4"	\$20.50
619209	224212	1-1/2"	1/2"	\$16.60

Handi Clamps



Quick-Grip With just one-hand you'll squeeze to adjust and lock, click to release this lightweight portable clamp. It holds even odd-shaped objects for screwing, gluing and all kinds of jobs where

you need to hold things in place or out of your way. This durable resin-constructed tool with non-marring swivel pads secures tightly or lightly.

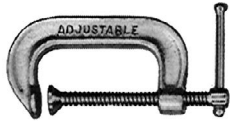
Stk.	Mfr.	Max. Opening	Price
619237	59200CD	2"	\$8.95
619241	59400CD	4"	\$10.60

ISD Spring Clamps



Pony Quick-release trigger allows fast, easy positioning and release. Pivoting non-marring jaws hold odd-shaped workpieces. Riveted head assembly. Dual durometer handles for comfort.

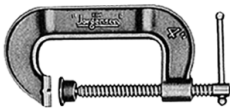
Stk.	Mfr.	Length	Max. Opening	Price
193174	32150	5"	1-1/2"	\$6.15
193175	32225	8"	2-1/4"	\$8.54
193176	32400	9"	4"	\$11.30



Style 1400 C-Clamps

Jorgensen For ordinary light/regular-duty clamping. Strong, sturdy and serviceable.

Stk.	Mfr.	Max. Opening	Throat	Price
191938	1410	1"	1"	\$2.18
191945	1415	1-1/2"	1-1/2"	\$3.74
192005	1420	2"	1"	\$2.97
192010	1425	2-1/2"	2-1/2"	\$6.03
192072	1430	3"	2"	\$6.32
192082	1440	4"	3"	\$10.80
192086	1450	5"	3-1/4"	\$12.50
192092	1460	6"	3-1/2"	\$14.20
192100	1480	8"	4"	\$19.70



Carriage Clamps

Jorgensen C-clamps with frames treated for strength. Cold drawn steel screw and swivel.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
191534	102	6-1/2"	2-1/2"	1-3/4"	\$13.40
191536	103	7-1/2"	3"	1-7/8"	\$14.20
191603	104	9"	4"	2-1/8"	\$20.10
191670	105	10-1/4"	5"	2-1/2"	\$22.10
191737	106	11"	6"	2-3/4"	\$24.90
191804	108	13-1/2"	8"	3-1/4"	\$42.20
191871	110	17"	10"	3-5/8"	\$57.00
191873	112	18"	12"	3-5/8"	\$75.10



Body Clamps

Jorgensen Industrial strength regular duty, deep-throat C-clamps. Black baked-enamel finish. AC-ME-style thread and long frame hubs for durability.

Stk.	Mfr.	Max. Opening	Throat	Price
191885	126	6"	3-7/8"	\$32.90
191887	128	8"	4-1/2"	\$48.90



Style 3200 Spring Clamps

Pony Spring action allows instant opening and closing. Comfortable, contoured handle. Non-slip jaws become parallel at maximum opening capacities. Point-of-pressure remains near jaw tips throughout entire opening.

Without Tips or Handles

Stk.	Mfr.	Length	Max. Opening	Price
192139	3201	4"	1"	\$2.26
192206	3202	6"	2"	\$3.60
192273	3203	9"	3"	\$10.20
192274	3204	12"	4"	\$17.50

With Poly-vinyl Protected Tips

Stk.	Mfr.	Length	Max. Opening	Price
192152	3201-T	4"	1"	\$2.48
192220	3202-T	6"	2"	\$3.99
192285	3203-T	9"	3"	\$11.40
192289	3204-T	12"	4"	\$16.50

With Poly-vinyl Protected Tips & Handles

Stk.	Mfr.	Length	Max. Opening	Price
192144	3201-HT	4"	1"	\$3.03
192212	3202-HT	6"	2"	\$4.52
192278	3203-HT	9"	3"	\$12.50
192288	3204-HT	12"	4"	\$18.20



High-tech Resin Spring Clamps

Quick-Grip One-hand use. Soft pliable pads protect fine finishes. Constructed from the same strong, lightweight and rust-resistant resin material as Quick-Grip bar clamps. Perfect for indoor and outdoor use. Contoured jaw holds round/odd-shaped objects. Removable pads. Comfort hand-span handles. Ergonomic non-slip handles.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619551	58100	4"	1"	1"	\$3.27
619552	58200	6-1/2"	2"	2"	\$4.74
619253	58300	9"	3"	3"	\$7.66

Metal Spring Clamps

Quick-Grip Metal spring clamp with soft-grip pads for easy grip and comfort. For light-duty clamping.



Stk.	Mfr.	Max. Opening	Price
619522	222601	1"	\$1.92
619523	222702	2"	\$3.89
619524	222803	3"	\$6.38

Adjust-a-Clamps

Pony The pressure adjusting spring clamp provides instant opening and closing with 1 to 50 lbs. of clamping force with a simple turn of a screw. Soft, pivoting jaw pads. Clamps will hold irregular-shaped objects and protects work pieces without marring. Ideal for delicate gluing of models and crafts or heavy-duty work-holding.



Stk.	Mfr.	Length	Max. Opening	Reach Between Jaws	Price
192300	3251	4-1/2"	1"	1-1/4"	\$7.94
192301	3252	6-1/2"	2"	2-1/8"	\$9.04

Mini Spring Clamps

Pony Mini plastic spring clamps are ideal for hobbyist, crafts or any light-duty project that requires instant opening and closing and where fast, easy application to or removal from the work is required.



Stk.	Mfr.	Length	Max. Opening	Throat	Qty.	Price
192303	3271	2-1/4"	3/4"	3/4"	100	\$57.10
192306	3273	1"	3-1/2"	1-3/8"	35	\$37.40

6-Piece Micro Spring Clamp Set

Craftsman Spring action with pivoting jaw ends deliver equal, uniform pressure. Cushioned handles and non-marring pads.

Includes 2 ea. of 3/4", 1" & 2".



Stk.	Mfr.	Price
305735	31493	\$16.60

Place your order on-line!
www.midwesttechnology.com



Handscrew Clamps

Jorgensen Handscrews have hardwood jaws and handles. Screws and nuts are cold drawn steel.

Stk.	Mfr.	Length	Max. Opening	Price
191000	3/0	6"	3"	\$27.30
191134	0	8"	4-1/2"	\$30.20
191201	1	10"	6"	\$34.30
191268	2	12"	8-1/2"	\$42.70
191335	3	14"	10"	\$50.70
191402	4	16"	12"	\$88.10



Hold-down Clamp

Jorgensen Hold-down clamp offers the advantage of bench top and machine surface clamping. Designed to rotate 360° around the holding bolt. Use anywhere on wood or metal surfaces.

Stk.	Mfr.	Max. Opening	Throat	Price
192110	1623	3"	1-3/4"	\$24.30



Wooden Handscrew Clamp

Irwin Crafted from quality boxwood. 4-1/2" jaws adjust to any angle for clamping non-parallel surface and odd shapes.

Stk.	Mfr.	Length	Max. Opening	Price
456420	226800	12"	4-1/2"	\$23.70

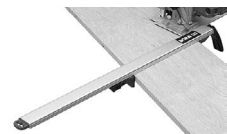


Handscrew Clamp Kits

Pony Handscrew clamp kit is intended for woodworkers who want to make their own jaws.

Includes 1 end spindle & 1 middle spindle, 2 hardwood handles w/ferrules & rivets, 2 left-hand nuts & 2 right-hand nuts.

Stk.	Mfr.	Length	Max. Opening	Qty.	Price
191100	J-08	8"	4-1/2"	1	\$14.70
191101	J-10	10"	6"	1	\$15.80
191102	J-12	12"	8-1/2"	1	\$19.60

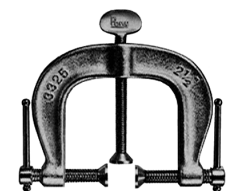


Clamp Edge™

Bora Straight-edge clamping guides for wood-working, cabinetmaking, carpentry, etc. Use with circular, jig saws, routers and more. Clamps easily on everything from dimensional lumber to large sheets of flat building materials.

Over-sized clamping handle (*w/lever-locking mechanism*) provides increased clamping pressure. Large, rubberized clamps safely secure material. Air-craft-grade extruded aluminum body insures straight accurate cuts and rigid clamping. Easy-hang storage.

Stk.	Mfr.	Length	Max. Opening	Price
193615	543024	24"	24"	\$44.00
193616	543036	36"	36"	\$50.60
193617	543050	50"	50"	\$58.30



3-Way Edging Clamps

Pony Provides a convenient, practical method of applying right angle pressures to the edge or side of work. Malleable iron frame, steel screws and swivel.

Stk.	Mfr.	Max. Opening	Throat	Price
192340	3325	2-1/2"	2-1/2"	\$14.70

Toggle Clamps



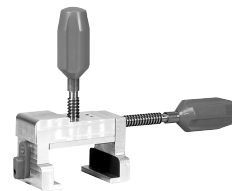
Shop Fox Quick-action clamps are extremely useful for bench-mounted jigs and special jigs for machinery. Steel toggle clamps affix to the work surface. Red rubber-grip handle.

Clamp Down

Stk.	Mfr.	Size	Holding Force	Locked Handle	Price
785800	D4134	3" x 3"	200 lbs.	Up	\$13.20
785805	D4152	7" x 2"	500 lbs.	Down	\$19.40
785803	D4142	6" x 8.5"	792 lbs.	Up	\$25.10

Push Down

785802	D4136	3" x 2.5"	100 lbs.	Up	\$13.10
785801	D4135	7" x 5"	300 lbs.	Up	\$21.90
785804	D4149	6.5" x 4"	500 lbs.	Up	\$24.30



Cabinet Claw™

Pony Turns face frame cabinet installation into 1 easy process. The all-in-one design tightens, aligns and allows pre-drilling of pilot holes and fastening. Install 2 stiles from 1-1/2" to 2"W and up to 1-1/2" thick each. Aluminum claws and alignment plate. Screws are 1/2" dia. cold-drawn steel w/special, smoothly-cut Acme threads.

Includes drill bit.

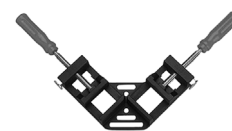
Stk.	Mfr.	Price
192945	8511	\$61.50



Corner Clamp

Pony Die cast aluminum clamps miter or butt joints at true 90° angle. Holds work up to 3"W and leaves joints exposed for miter correction, doweling, nailing or gluing window frames and doors. 2 countersunk holes permit clamp to be bench-top mounted.

Stk.	Mfr.	Price
192968	9166-K	\$12.00



Rapid Acting Miter Clamp

Pony Quick-release clamp for fast adjustments while mitering or butting joints. Holds work up to 3"W and leaves joints exposed for miter correction, doweling, gluing or nailing. Durable die cast aluminum frame with large nylon handles. Smooth-rolled screw thread from cold-drawn steel. 2"W jaw, 1"H frame.

Stk.	Mfr.	Price
192972	9170	\$30.60



Corner & Splicing Clamp

Pony Lightweight, die-cast aluminum clamping device for making picture frames, screens, storm doors and windows. Clamps miter or butt joints at any angle 0°-180°, up to 3"W. Joints are exposed for nailing, fastening and gluing.

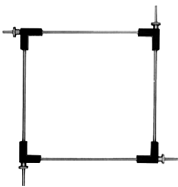
Stk.	Mfr.	Price
192950	9133	\$16.40



Angle Clamp

Irwin Designed to hold, fix and align material at a 90° angle. Clamp at maximum opening will accommodate 3" thick material.

Stk.	Mfr.	Price
619212	226410	\$39.10



4-Corner Framing Clamps

Pony For framing and fine rectangular work. Features high-impact, glass/polycarbonate Lexan corners.

Stk.	Mfr.	Size	Price
192986	9424	24"	\$31.30
192990	9448	48"	\$40.60

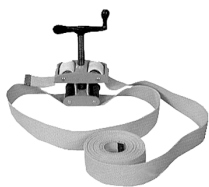


Rapid-acting Band Clamp

Pony Use for awkward or irregular-shaped clamping projects (round, polygon, square & odd shapes). Features glass-filled nylon frame, aluminum cam, plastic non-marring 1" x 1" jaws

for great fit on corners when gluing-up, metal levers for rapid adjustment/release and large comfortable plastic handle.

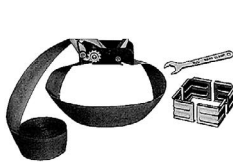
Stk.	Mfr.	Capacity	Size	Price
191910	1225	1,000 lbs.	1" x 15'L	\$21.40



Band Clamp

Jorgensen Great for applications where clamping of round or irregular objects presents a problem.

Stk.	Mfr.	Size	Price
192407	6215	2"W x 15'L	\$118.00



Web Clamp

Pony 1" wide nylon band encircles any round or irregular shape to apply pressure around the work. Use anyplace objects are to be temporarily clamped or bundled together. No knots to tie, untie or slip. Self-locking cam affords positive hold and instant release.

Includes 4 steel corners & wrench.

Stk.	Mfr.	Capacity	Size	Price
191900	1215-K	1,000 lbs.	1"W x 15'L	\$17.80



Web Band Clamp

JET Nylon band encircles round or irregular shaped objects to clamp or bundle them together. Self-locking, instant release latch.

Includes 4 steel corners.

Stk.	Mfr.	Capacity	Size	Price
962537	58910	1,000 lbs.	1"W x 15'L	\$14.10



Fast Release Locking C-Clamps

Vise-Grip Fast Release™ is 2x easier to open, has no-pinch release and offers more finger room. Wide opening jaws for greater clamping versatility. Turn screw to adjust pressure and fit work, stays adjusted for repetitive work. Durable high-grade, heat-treated alloy steel.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619345	17T	6"	0 - 2-1/8"	1-1/2"	\$12.40
619462	19T	11"	0 - 3-1/8"	2-5/8"	\$20.90



The Original™ Locking C-Clamps

Vise-Grip Powerful locking mechanism. Jaws open wide. Guarded release helps keep work fast and safe. Adjusting screw gives exacting pressure. Locks work with the squeeze of 1

hand. Tough high-grade, heat-treated alloy steel.

Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619070	6R	6"	2-1/8"	1-1/2"	\$13.30
619402	11R	11"	4"	2-5/8"	\$19.00
619455	18R	18"	8"	9-1/2"	\$31.00
619492	18DR	18"	7-1/2"	9-1/2"	\$31.20

Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
618996	4SP	4"	1-5/8"	1-1/4"	\$13.10
619075	6SP	6"	2-1/8"	1-1/2"	\$12.70
619408	11SP	11"	4"	2-5/8"	\$20.50
619460	18SP	18"	8"	9-1/2"	\$28.60



Locking C-Clamps

Crescent Rust resistant, nickel-plated finish. Maximum jaw opening meets

ASME standards. Precisely machined ferrule for fine jaw adjustment. Powerful, non-slip compound locking grip allows easy positioning of workpiece.

Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310632	C6CCV	6"	2"	1-5/8"	\$14.60
310634	C11CCV	11"	4"	3-1/16"	\$22.20

Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310633	C6CCSV	6"	2-1/8"	1-1/2"	\$15.90
310635	C11CCSV	11"	4"	2-3/4"	\$24.10

Welding Clamp w/Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310637	C9W	9"	1-1/2"	2-5/16"	\$24.80



Locking Panel Clamp

Vise-Grip Designed to move in a straight-line motion to allow more access to work area for quick clamping and alignment of auto body panels. Ideally suited for automotive and welding applications.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619495	9AC	7"	3/8"	7/32"	\$23.10



The Original™ Locking Welding Clamp

Vise-Grip U-shaped for visibility & working space. Holds work in proper alignment.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619268	9R	9"	1-5/8"	2-3/4"	\$21.30



Locking Chain Clamp

Vise-Grip Holds and locks around any shape, any size. 18" chain length, 9" tool length.

Stk.	Mfr.	Price
619469	20R	\$30.00

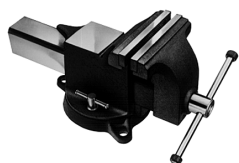
VICES



Utility Bench Vises w/Swivel Base

Wilton Utility workshop vise with formed steel channel beam and hefty 30,000 psi body casting. For utility and light-duty applications. 180° swivel lock down base. Large anvil. Replaceable, serrated steel top jaws for a tight grip. Built-in pipe jaws handles various pipe sizes.

Stk.	Mfr.	Jaw	Jaw Cap'y	Throat	Pipe Jaw Cap'y	Price
958943	11126	4-1/2"W	4"	2-5/8"	1/8" to 2"	\$121.00
958944	11127	5-1/2"W	5"	3-7/8"	1/8" to 2-1/2"	\$144.00



Heavy-Duty Bench Vise w/Swivel Base

Adjustable Heavy cold-formed steel channel beams cover and protect vise screws adding to their great strength. Dual lock nuts allow a 360° swivel. Ductile/steel casting with black enamel finish, ground and polished. Acme threaded main screw. Hardened steel serrated jaw faces.

Stk.	Mfr.	Jaw	Jaw Cap'y	Throat	Pipe Jaw Cap'y	Price
193140	30404	4"W	4"	2-1/4"	1/4" to 1-1/2"	\$85.50
193160	30505	5"W	5"	2-5/8"	1/2" to 1-1/2"	\$138.00
193170	30606	6"W	6"	3"	3/4" to 2"	\$150.00



Light Duty Bench Vise w/Clamp-On Base

Columbian Small, portable lightweight vise for light shop work. Cast iron body with built-in pipe jaws. Double steel guide bars keep jaws aligned.

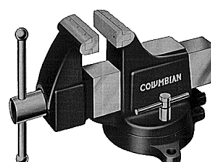
Stk.	Mfr.	Item	Jaw	Jaw Cap'y	Throat	Price
962525	33150	Stationary Base	3"W	2"	2-5/8"	\$53.20
962526	33153	Swivel Base	3"W	2"	2-5/8"	\$63.50



Multi-Angle Base Vise

Stanley For arts and crafts, model building and electronics. Infinite and lockable positioning with swivel-ball design. Easily attaches to most work surfaces with integral screw clamp. Durable cast-aluminum, steel construction and removable jaw pads

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
864648	83-069M	2-7/8"	4"	2-1/4"	\$51.20



Industrial Machinists Vise w/Swivel Base

Columbian Strong, ductile iron main castings guaranteed against defects. Steel jaw faces of hardened tool steel with knurled pattern ensures grip. Generous, ground and polished anvil. Gear lock bolt ensures positive lock against slippage. Swivel base rotates 360°.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
960937	10201	3"	4"	3"	\$484.00
960938	10202	3-1/2"	5"	3-1/4"	\$521.00
960939	10203	4"	6"	3-5/8"	\$596.00
960940	10204	4-1/2"	7"	4-1/8"	\$670.00
960941	10205	5"	8"	4-1/4"	\$968.00



Industrial Machinists Bench Vises

Wilton 60,000 psi tensile ductile iron body for mass and strength. Large anvil. Precision

thrust bearing creates greater clamping pressure and longevity. Extra deep throat provides more working room.

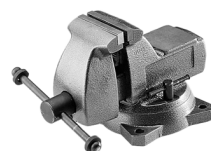
Enclosed design with lifetime lubrication for clean, smooth operation. Hardened steel jaw, replaceable inserts are machined-serrated for safe, sure grip under maximum torque.

Swivel Base 360° rotation is enhanced by serrated swivel base with double lockdowns for non-slip holding and 4 mounting posts.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
979804	300S	3"	4-3/4"	2-5/8"	\$609.00
979938	350S	3-1/2"	5-1/4"	2-3/4"	\$649.00
980072	400S	4"	6-1/2"	3-1/2"	\$751.00
980206	450S	4-1/2"	7-1/2"	4-3/16"	\$838.00
980340	500S	5"	8"	4-1/4"	\$1,178.00
980407	600S	6"	10"	5-1/2"	\$1,566.00

Stationary Base

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
979737	300N	3"	4-3/4"	2-5/8"	\$544.00
979871	350N	3-1/2"	5-1/4"	2-3/4"	\$581.00
980005	400N	4"	6-1/2"	3-1/2"	\$670.00
980139	450N	4-1/2"	7-1/2"	4"	\$722.00
980273	500N	5"	8"	4-1/4"	\$1,050.00

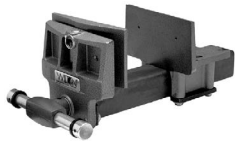


Mechanics Vises w/Swivel Base

Wilton Professional, heavy-duty mechanic's vise with 30,000 psi castings for strength and long life. Large anvil work surface. Swivel base rotates 360° and has maximum stability double lockdowns. Durable, scratch-resistant, powder coated paint. Replaceable hardened steel top and pipe jaws. Lifetime mfr.'s warranty.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
958971	21400	5"	5-1/4"	3-3/4"	\$261.00
958972	21500	6"	5-3/4"	4-1/8"	\$335.00
958973	21800	8"	8-1/4"	4-3/4"	\$484.00

Pivot Jaw Woodworkers Vice



Wilton Spindle is fully enclosed to protect threads from dust and glue. Front jaw pivots 10° for clamping irregular shapes. USA made. Front jaw moves up 9/16" for full-length dog action. Pivot jaw can be removed for wider clamping needs. Includes mounting instructions.

Rapid Acting

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
979475	78A	7"	10"	\$162.00
979480	79A	10"	13"	\$276.00

Maple Jaw Inserts Prevents marring of workpiece. Inserts slide on & off. Strong magnet holds inserts in place.

979476	78B	7"		\$33.80
979481	79B	10"		\$40.00

Mounting Hardware For mounting vises to 2-1/4" bench top.

543470	7879MP			\$9.00
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Woodworking Vises



Jorgensen Steel-handled vises with solid steel dog in the front jaw secures oversize work on the bench top (*w/la bench stop*). Machined, toed-in jaws provide solid grip. Front and back jaws have drilled and tapped holes for optional wood facings. Gray iron castings with black enamel finish. Cast bronze alloy roller nut insert. Fits any bench up to 3'T.

Rapid-acting

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
193180	40709-SH	7-1/8"	9"	\$227.00
193190	41012-SH	10"	12"	\$232.00

Continuous Nut

193181	40709-C-SH	7-1/8"	9"	\$233.00
193191	41012-C-SH	10"	12"	\$251.00

Quick Release Heavy Duty Wood Vice



Shop Fox Quick-release lever disengages screw for fast, efficient operation. Sliding dogs secure long workpieces to the bench and disappear out of the way when not in use. Heavy cast iron vises with polished guide rods.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
785770	D4327	7"	8"	\$111.00

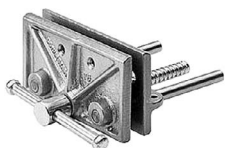
Wood Vice



Shop Fox Durable cast iron and chrome plated, cold rolled steel wood vice features precision machined castings with perfectly aligned guide bars.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
785631	D2255	8"	7-1/4"	\$62.00

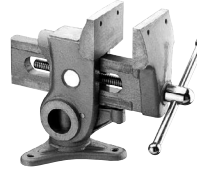
Woodcraft Vice



Columbian Lightweight, economy woodcraft vise with high-tensile iron jaws, cold rolled steel guide bars and chrome plated screw. Jaws are drilled for easy wood face attachment.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
962532	33176	6-1/2"	4-1/2"	\$40.00

Parrot Vice™ w/Swivel Base



Shop Fox Versatile vise swivels 360° and locks in place when the jaw is tightened. Also mount sideways. Precision casting and machining. Holes in jaws allow mounting of custom wooden faces.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
785660	D3125	3-1/2"	4-3/4"	\$71.40

Swivel Vacuum Base Vise



Wilton Lightweight, portable vise with vacuum base seals to any flat, clean and dry surface. Cast aluminum body. 360° swivel base and 180° head tilt. Offers removable rubber jaw faces. Steel V-grooved jaws.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
961550	3VB	2-3/4"	2-1/2"	\$63.50

Swivel Vacuum Vise



General Quick-lever action grips vise base firmly to glass, metal, Formica, fiberglass or any smooth surface. Universal ball joint swivels 360° and tilts 90°. V-grooved replaceable hardened steel jaws with slide on rubber jaws for fragile work. Folds for storage.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
419892	1850	3"	2-5/8"	\$84.80

Benchjaws Work Support Vise



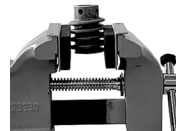
Rockwell Hands-free bench vise utilizes a foot pedal clamp in order to maximize clamping efficiency without taking up a lot of space. 2-position mount, 90° repositioning in order to get the best angle on bulky or oddly shaped materials.

- Mounts to the corner or center of any standard workbench
- All-steel construction provides rigidity & strength
- Up to 16" clamping range & supports up to 220 lbs. of load
- Generates over 1-ton of clamping force

Shown w/bench, sold separately.

Stk.	Mfr.	Size	Price
693888	RK9006	21.3"L x 9.8"W x 12.4"H	\$130.00

Bench Vise Pads



Olson Soff Jaws™ grip irregular shapes, delicate pieces & threaded parts. Resilient ethylene vinyl acetate pads prevent marring of finished surfaces. Magnetic strips hold pads to bench vise. Fits best on 3", 3-1/2" & 4" vises, but can be mounted on larger vises.

Do not use to hold glass bottles or beakers.

Shown w/vise, sold separately.

Stk.	Mfr.	Size	Qty.	Price
613749	AC79935	3-1/2"W	2	\$11.50

Bench Stop



Le Claire Aluminum bench stop. For insertion in drilled holes of bench top. 2-1/2" length, 3/4" shank & 1/4" thick at the top.

Stk.	Mfr.	Size	Price
533268	MW1	2-1/2"L	\$4.73

WORK STANDS



Sawhorse Brackets

Fulton Make your own sawhorse using 2x4 lumber (*w/out miter cuts*). 20 ga. steel brackets connect legs and top. Extra long for strength with flared nail holes for quick assembly. Baked enamel corrosion-resistant finish. Easy storage.

Stk.	Mfr.	Size	Qty.	Price
942842	300SHB	4"L x 3-3/4"W x 5-3/4"H	2	\$5.33



Folding Steel Sawhorse

Fulton Lightweight, rust-resistant galvanized steel. Pre-drilled for wood top (*not included*). 1,000 lb. capacity per pair (*sold singly*). Folds to 6" x 8" x 32-1/2". USA made.

Stk.	Mfr.	Size	Qty.	Price
482729	TS-11	32-1/2"L x 29-1/4"H	1	\$32.80



Tote-A-Horse™ Portable Saw Horse

Fulton Legs have 7 height adjustments from 25" to 40". Fully assembled with carrying handle. Powder coated steel legs fold into frame for carrying and storage. 2,000 lb. capacity pair at lowest height setting.

Stk.	Mfr.	Size	Qty.	Price
482734	TS-510S	38"L x 25" - 40"H	1	\$66.20



JawHorse™ Material Support & Workstation

Rockwell Powerful, hand-free clamping sawhorse can be used as a 1-ton vise, machine press or workbench. Tripod base with foot pads provides ultimate stability. The foot pedal lever creates extreme clamping force. 600 lb. capacity.

- Clamp large objects up to 37" W
- 1" per step clamp travel
- Holds odd shaped objects
- Integrated wheel for easy transport
- 5-yr. mfr.'s warranty
- 42.9 lbs.

Stk.	Mfr.	Size	Price
693887	RK9003	39.5"L x 39"W x 34"H	\$208.00



JawHorse™ Sheetmaster Material Support & Workstation

Rockwell Hands-free operation makes it easy to clamp and hold large work pieces. Non-marring grips on jaws help protect work. Supports up to 600 lbs. of weight. 49" maximum clamping.

- Clamping force up to 1 ton
- Folds & rolls for portability & storage
- Auto-locking legs
- All-steel construction
- Rugged wheel for easier transport
- 53 lbs.

Stk.	Mfr.	Size	Price
693886	RK9002	44"L x 33-3/4"W x 35"H	\$282.00

HAMMERS



Ball Pein Hammers

Great Neck Genuine hickory handle. Ball pein end used for riveting, shaping and straightening unhardened metals. Drop forged steel head for strength and durability.

Stk.	Mfr.	Weight	Length	Price
281025	BP8	8 oz.	11.5"	\$8.63
281026	BP16	16 oz.	14.2"	\$12.20
281027	BP24	24 oz.	14.8"	\$13.50
281028	BP32	32 oz.	15"	\$16.00



Brass Hammers

Proto Non-marring soft brass head absorbs blow impact to eliminate or reduce work damage. Non-sparking for safety near combustible items.

Stk.	Mfr.	Head	Handle	Weight	Price
907670	1430G	1-1/2" dia. x 3-1/2"L	12"	1.5 lbs.	\$57.80
907674	1432G	1-3/4" dia x 3-1/2"L	12"	2.6 lbs.	\$103.00



Double Faced Sledge Hammers

Jackson Perfect for destruction work, breaking dry wall or masonry walls. Hickory handle for maximum strength and shock resistance. Head is forged from high-carbon steel and tempered for hardness.

Stk.	Mfr.	Handle	Weight	Price
532830	1197900	36"	8 lbs.	\$38.10
532831	1199100	36"	10 lbs.	\$44.40
532832	1199400	36"	12 lbs.	\$50.80
532833	1199700	36"	16 lbs.	\$68.60



Cross Pein Sledge Hammer

Great Neck Drop forged steel for strength and durability. Fully polished. Fiberglass handle with soft rubber grip for control.

Stk.	Mfr.	Handle	Weight	Price
281029	CP3	14"	3.2 lbs.	\$17.30



Drilling Sledge Hammer

Stanley Ideal for striking chisels, punches, start drills and unhardened metals. Fiberglass core adds strength and durability in the handle, reduces vibrations and provides the "feel of wood". Yellow-colored shaft for easy product visibility. Exclusive rim temper reduces incidences of chipping or spalling.

Stk.	Mfr.	Head	Handle	Weight	Price
857900	56-705	4-1/2"	10-3/4"	3 lbs.	\$21.30



Compo-Cast® Standard Head Soft Face Hammers

Stanley Non-sparking soft face hammer of Uni-Cast™ construction has no exposed metal. Will not mar surfaces. Dead blow function uses steel shot. Steel reinforced handles provide added strength and safety, resists breaking on overstrike.

Stk.	Mfr.	Handle	Weight	Price
858600	57-531	11-1/4"	18 oz.	\$34.60
858601	57-532	12-7/8"	21 oz.	\$40.20



Soft Face Hammer

GEARWRENCH For light assembly applications where condition of workpiece is important.

Stk.	Mfr.	Handle	Weight	Price
433520	822260	13"L	12 oz.	\$22.60



Soft Face Hammer w/Hickory Handle

Stanley Replaceable tips are made of tough plastic that won't mar finely finished surfaces. Handles are made of hickory securely locked in steel center body.

Stk.	Mfr.	Handle	Weight	Price
859023	57-594	12"L	8 oz.	\$24.00
859090	57-595	13-1/2"L	16 oz.	\$26.70



Riveting Hammers

CS Osborne This forged steel, highly-polished riveting hammer head with hardwood handle will provide you with years of superior service.

Stk.	Mfr.	Head	Handle	Weight	Price
614210	57-2	9/16" dia. x 4-1/4"L	9-3/4"L	12 oz.	\$36.30
614212	57-4	3/4" dia. x 4-3/4"L	9-3/4"L	16 oz.	\$48.20



Riveting / Tack Hammer

CS Osborne Forged steel head is super-heat treated. Striking portions magnetized. Lacquered white hickory handle.

Stk.	Mfr.	Head	Handle	Weight	Price
614750	222	5-1/2"L	9-1/2"L	7-1/2 oz.	\$39.30



Bricklayer's Hammers

Marshalltown Forged 1-piece high grade steel. Balanced and perfectly fitted hickory handle. For breaking, trimming and cleaning brick. USA made.

Stk.	Mfr.	Weight	Length	Price
528536	600	16 oz.	11"	\$31.10
528537	601	24 oz.	11-1/2"	\$34.20



Drywall Hammer

Marshalltown Drop-forged head, fully polished milled face. Checkered head design to dimple drywall. Wedge-shaped steel blade is notched underneath to double as a nail puller. Fired-hickory handle.

Stk.	Mfr.	Weight	Length	Price
528557	DH764	12 oz.	13-1/4"	\$28.50



FatMax® Xtreme AntiVibe Hammers

Stanley Patented over-sized strike face. Anti-vibration soft grip reduces vibration & arm fatigue. Precision balanced head.

Framing Hammer

Stk.	Mfr.	Weight	Length	Type	Price
855633	51-167	22 oz.	16"	Checkered Face	\$37.50
855634	51-177	22 oz.	16"	Smooth Face	\$37.50

Nailing Hammer

855630	51-162	16 oz.	13-1/2"	Curve Claw	\$31.00
855631	51-163	16 oz.	13-1/2"	Rip Claw	\$31.00
855632	51-165	20 oz.	13-1/2"	Rip Claw	\$32.50



Solid Steel Anti-shock Hammers

Plumb Shock-absorbing design with magnetic nail starter. Solid steel hammer provides anti-vibration performance for less fatigue and joint discomfort. Contoured grips provide comfort and control.

Stk.	Mfr.	Weight	Type	Price
307320	SS16CN	16 oz.	Curve Claw	\$27.60
307322	SS20CN	20 oz.	Curve Claw	\$30.90
307321	SS16RN	16 oz.	Rip Claw	\$27.60
307323	SS20RN	20 oz.	Rip Claw	\$30.90



Neon Fiberglass Hammers

Great Neck High quality Contractor Hi-Visibility™ hammer. Fiberglass handle with neon orange grip.

Stk.	Mfr.	Weight	Length	Type	Price
281177	HG16C	16 oz.	12-3/4"	Curve Claw	\$12.30
281178	HG16S	16 oz.	13"	Rip Claw	\$12.30
281179	HG24S	24 oz.	15-3/4"	Rip Claw / Ckrd. Face	\$16.00



Fiberglass Nailing Hammer

Stanley High-visibility yellow, fiberglass handle absorbs shock and vibration, reduces breakage. Textured, rubber grip. Heat-treated and rim tempered for durability and safety.

Stk.	Mfr.	Weight	Length	Type	Price
855640	51-621	16 oz.	13"	Curve Claw	\$14.60
855641	51-622	16 oz.	13"	Rip Claw	\$14.60



Cushion Grip Fiberglass Hammers

Plumb Polished head, bell and striking face with round neck and bell. Black molded cushion grip on fiberglass handle. Permabond process assures tight head-to-handle attachment.

Stk.	Mfr.	Weight	Length	Type	Price
307282	11-407	13 oz.	13-1/2"	Curve Claw	\$21.30
307281	11-406	16 oz.	13"	Curve Claw	\$21.90
307280	11-405	20 oz.	13-1/2"	Curve Claw	\$24.00
307291	11-419	16 oz.	13"	Rip Claw	\$21.90
307290	11-418	20 oz.	13-1/2"	Rip Claw	\$23.30



Jacketed Graphite Hammer

Stanley Graphite core provides strength, durability and the feel of wood but with overstrike protection. Rim Tempered™ end, high-carbon, polished steel, precision-balanced head. Ribbed-grip handle cools hand, channels sweat away. Head-to-handle assembly. Flared-grip end prevents hammer slippage.

Stk.	Mfr.	Weight	Length	Type	Price
856490	51-505	16 oz.	13-1/4"	Curve Claw	\$22.50



SteelMaster™ Curved Claw Hammer

Stanley Heat-treated, high-carbon polished steel head for durability. Rim temper reduces chipping. Chromed, shot-blasted steel shaft resists rust. Textured rubber comfort grip is flared to prevent slipping.

Stk.	Mfr.	Weight	Length	Type	Price
855607	51-031	16 oz.	13-3/8"	Curved Claw	\$29.70



Wood Handled Hammers

Stanley Heat-treated high-carbon steel head with polished bell face. Hickory wood handle.

Stk.	Mfr.	Weight	Length	Type	Price
856544	51-613	7 oz.	11-1/2"	Curve Claw	\$8.93
856567	51-713	13 oz.	13"	Curve Claw	\$9.37
856546	51-616	16 oz.	13-1/4"	Curve Claw	\$10.30
856568	51-716	16 oz.	13-1/4"	Rip Claw	\$10.30



Hickory Handle Framing Hammer

Great Neck Highest quality Contractor Series Super-Pro hammer. Laser notched anti-slip hickory handle.

Stk.	Mfr.	Weight	Length	Type	Price
281176	SP24F	24 oz.	17-1/2"	Rip Claw	\$17.40



Rip Claw Framing Hammers

DEWALT Lightweight fast-swinging hammer reduces fatigue. Strong hickory axe handle. Grip-enhanced finish reduces slipping.

Stk.	Mfr.	Weight	Length	Type	Price
243419	DWHT51411	17 oz.	17-1/2"	Plain Face	\$31.40
243420	DWHT51418	17 oz.	17-1/2"	Clkd. Face	\$31.40



Wood Handle Ball Pein Hammers

Stanley High-carbon steel drop-forged head, hardened Rim Tempered™ face, minimizes chipping and assures greater safety. Hickory handles, lacquered and multiple wedged.

Stk.	Mfr.	Weight	Length	Price
856611	54-004	4 oz.	10-7/8"	\$17.10
856745	54-008	8 oz.	12-1/4"	\$18.30
856812	54-012	12 oz.	13"	\$20.00
856879	54-016	16 oz.	14"	\$20.90
857013	54-024	24 oz.	15"	\$23.80
857080	54-032	32 oz.	16"	\$25.90

856611 | Does not have a rim tempered face.



Hammer Handles

Link Heavy-weight hickory handles. Tempered for extra strength. Natural wax finish.

Includes wood wedge & steel wedge.

Stk.	Mfr.	Weight	Length	Type	Price
943106	403-08	For 8-12 oz.	12"	Ball Pein	\$6.65
943107	405-08	For 16-20 oz.	14"	Ball Pein	\$6.65
943108	407-08	For 24-28 oz.	16"	Ball Pein	\$6.67
943109	432-04	For 58 oz.	16"	Blacksmith	\$7.76
943103	304-08	For 16 oz.	14"	Octagon Nail	\$6.12
943104	325-19	For 13 oz.	13"	Standard Nail	\$6.19
943102	300-19	For 16 oz.	14"	Standard Nail	\$7.53
943101	001-09	For 6-16 lb.	36"	Sledge	\$9.25

Replacement Handle Hickory.

Stk.	Mfr.	Weight	Length	Type	Price
943105	327-04	7 oz.	12"	Riveting/Tack	\$6.74

MALLETS



Rubber Mallets

CS Osborne Solid rubber heads and hickory handles.

Black

Stk.	Mfr.	Head	Weight	Price
614670	197-2	2" dia. x 3-1/4"L	11 oz.	\$14.10
614737	197-3	2-1/2" dia x 4-1/2"L	25 oz.	\$16.80

White

Stk.	Mfr.	Head	Weight	Price
614804	396-2	2" dia. x 3-1/4"L	11 oz.	\$16.90
614871	396-3	2-1/2" dia x 4-1/2"L	25 oz.	\$19.40



Hickory Mallets

CS Osborne All hickory, second growth, lacquered.

Straight Side Head

Stk.	Mfr.	Head	Weight	Price
614268	90	2" dia. x 4"L	7 oz.	\$20.70

Barrel Head

Stk.	Mfr.	Head	Weight	Price
614201	89.5-3-1/2	2" dia. x 5-1/4"L	12 oz.	\$21.00
614134	89.5-3	2-1/4" dia x 5-1/2"L	12 oz.	\$21.00
614067	89.5-2-1/2	2-3/8" dia. x 5-1/2"L	16 oz.	\$21.00



Rawhide Mallets

CS Osborne Head made from solid rawhide, glued and steel riveted.

Stk.	Mfr.	Head	Weight	Price
614335	196-1	1-1/4" dia. x 3-1/8"L	4oz.	\$30.70
614402	196-2	1-1/2" dia. x 3-1/4"L	6 oz.	\$35.40
614469	196-3	1-3/4" dia x 3-3/8"L	8 oz.	\$41.60
614536	196-4	2" dia. x 3-1/2"L	10 oz.	\$51.10
614603	196-5	2-1/2" dia. x 3-3/8"L	16 oz.	\$70.60

NAIL SETS



Nail Set

Craftsman For countersinking finishing nails. Made of high carbon steel.

Includes 1/32", 2/32" & 3/32".

Stk.	Mfr.	Price
305755	37354	\$11.30

Nail Sets



Stanley No roll square head. Alloy steel. Cupped, chamfered tip.

Stk.	Mfr.	Dia.	Price
859157	58-111	1/32"	\$2.62
859224	58-112	2/32"	\$2.62
859291	58-113	3/32"	\$2.62
859358	58-114	4/32"	\$2.72

3-Piece Set Includes 1/32", 2/32", 3/32".

Stk.	Mfr.	Dia.	Price
859440	58-230		\$6.79



Self-centering Nail Set

Stanley Engineered for faster, positive self-center setting of 4d and 6d finishing nails mechanically without marring wood surface. Nickel-plated.

Stk.	Mfr.	Dia.	Length	Price
859136	58-011	9/16"	3-5/32"	\$6.88



Cushion Grip Nail Sets

Stanley No-slip cushion-grip has shock-absorbing ribs for precision hold. 25% longer to easier set hidden and hard-to-reach nails. Fully-hardened, precision-milled steel. Long beveled tip for easier nail head alignment. Color-coded by tip size.

Stk.	Mfr.	Dia.	Price
859480	58-911	1/32"	\$4.90
859481	58-912	2/32"	\$4.90
859482	58-913	3/32"	\$5.06

3-Piece Set Includes 1/32", 2/32", 3/32".

Stk.	Mfr.	Dia.	Price
859485	58-930		\$10.60



3-Piece Nail Set

DEWALT Interchangeable nail set features 2 double-end fully hardened, precision-milled steel bits. Long, beveled tips for easy nail-head alignment and versatility. Hexagonal head prevents rolling and can be used as a standard drill chuck. Nail set doubles as drill extension. Knurled locking collar allows easy tip release and reversal.

Includes 2 double-end bits with 1/32", 2/32", 3/32" & #2 Phillips tips.

Stk.	Mfr.	Price
243404	DWHT58503	\$13.60

PRY BARS, CLAWS & PULLERS



Wonder Bar® Pry Bar

Stanley Provides extra reach and more leverage. The tightly radiused bend angle provides precise positioning and the extra long tongue provides better grip and longer reach for the hard-to-get-at places. The arch in the bar center gives it more swing during nail pulling. Also works as a panel lift.

Stk.	Mfr.	Stock	Length	Price
857825	55-525	3/8" x 1-5/16"	16"	\$15.30



Reversed Hook Pry Bar

Craftsman Drop forged pry bar with reversed hook, flat claws and rocker head. Wide sharp ground blade.

Stk.	Mfr.	Length	Price
305747	37330	15"	\$15.60



Spring Steel Flat Bars

DEWALT Strong, durable spring steel bar with extra-wide prying end gives greater leverage. Pointed, beveled end for penetration and nail pulling. Offers flexibility of multiple nail pullers.

Stk.	Mfr.	Length	Price
243405	DWHT55518	13"L	\$16.20
243406	DWHT55528	21"L	\$19.40



Versabar Pry Bar

Great Neck Forged in 1 piece. Hardened & tempered for added strength & longer durability.

Stk.	Mfr.	Length	Price
281020	CVB15	15"	\$6.48



Hexagonal Ripping Bars

Stanley Ideal for basic demolition work. High-carbon steel with 1-1/4"W blade. Slotted claw & beveled ends.

Stk.	Mfr.	Stock	Length	Price
857480	55-118	3/4"	18"	\$9.00
857481	55-124	3/4"	24"	\$10.80
857482	55-130	3/4"	30"	\$11.90
857483	55-136	3/4"	36"	\$13.00



Roll Head Pry Bars

Mayhew Forged from top quality steel and heat-treated for superior strength. The 90° angle bar provides the greatest leverage for the toughest jobs.

Stk.	Mfr.	Stock	Length	Price
528610	40101	1/2"	16"	\$17.10
528611	40102	5/8"	18"	\$20.80



Beveled Nail Claw

Stanley Ideal for general nail pulling & prying. Special cat's paw extracting claw with beveled nail slot. Ergonomic comfort grip helps reduce slipping & helps protect from extreme temperature. Heat-treated for durability.

Stk.	Mfr.	Length	Price
857460	55-033	10-/14"	\$11.30



Long Jaw Nail Puller

Crescent Impact handle sides on long jaw for hammer action which drives claw under nail head. Extended short jaw for control and leverage. Box-joint forged tempered jaws. Black enameled finish.

Stk.	Mfr.	Length	Price
308825	56	19"	\$77.30



Double End Nail Puller

Ames Heat treated medium carbon steel for maximum strength. Beveled nail slots on both ends to grasp any part of the nail including embedded and headless nails with its straight or rolling head claws.

Stk.	Mfr.	Stock	Length	Price
532780	1165300	5/8"	11"	\$12.30

MEASURING TOOLS



Truflex II Flexible Curves

Alvin Lightweight aluminum core easily forms to hold any curve. Flat inking edges measure millimeters and inches. Metric graduations are red, fractional graduations are black. Lead and phthalate free.

Stk.	Mfr.	Length	Price
196093	A1044-12	12"	\$9.36
196094	A1044-24	24"	\$17.60



Folding Wood Rule

Lufkin Bold red and black markings on white background with clear epoxy coating. Brass-plated positive lock joints. Solid brass end caps and strike plates. Marked both edges, both sides. 1/6" stud centers in red.

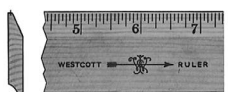
Stk.	Mfr.	Length	Width	Graduations	Price
309613	T066N	6'	5/8"	1/6ths	\$18.00



Folding Rule w/Brass Slide

Lufkin Heavy-duty rule with a 6" graduated brass slide fitted into 1' end section. Slide runs under friction and has a stop. Wood sections are 1/3 heavier than regular rules. 1/6" stud centers in red.

Stk.	Mfr.	Length	Width	Graduations	Price
308608	TX46N	6'	5/8"	1/6ths	\$26.80



Office Rulers

Westcott Select hardwood with clear lacquer finish, single level with metal edge.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189070	05011	12"	1-3/8"	1/4"	1/6ths	\$1.61
189071	05018	18"	1-3/8"	1/4"	1/6ths	\$2.35



Wooden School Ruler

Westcott Select hardwood ruler with clear, durable lacquer finish. Numerals and graduations are sharply delineated. 1 metal edge.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189260	10377	12"	1-1/8"	1/8"	1/6th & mm	\$0.90



English/Metric Ruler

Westcott English/metric ruler of select hardwood with a multiple-coat clear lacquer finish. Sharply delineated numerals. 1 metal edge. Ring binder holes.

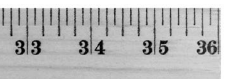
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189169	10702	12"	1-1/8"	1/8"	1/6ths, 30cm	\$0.76



School Shop Rulers

Down East One-piece select hardwood with tough clear coating, bold embedded markings and brass end caps. Large graduations, inches numbered vertically top to bottom. Marked on both sides, both edges.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
308564	7012	12"	1-1/2"	1/4"	8ths, 1/6ths	\$18.30
308560	7024	24"	1-1/2"	1/4"	8ths, 1/6ths	\$20.40



Wooden Yardstick

Acme Standard yardstick. Fully numerated graduations and flush length design. Lacquer finish, hanging hole. Scaled on both sides. Plain ends.

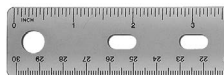
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189280	10420	36"	1-1/8"	5/32"	8ths	\$3.75



Meter Stick

Westcott Millimeters on one side and inches divided into eighths on the other. Made of hardwood with a multiple-coat, clear lacquer finish. Meter stick is scaled in centimeters. Plain ends.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189160	10431	39-1/2"	1"	1/4"	cm	\$4.08



3-Ring Binder Ruler

Alvin Shatter-resistant ruler. Assorted colors.

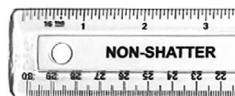
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
196036	FL01	12"	1-1/8"	3/32"	1/6ths & mm	\$2.22



Transparent Plastic Ruler

Alvin Shatter-resistant ruler. Assorted colors.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
196037	FL02	12"	1-1/2"	3/32"	1/6ths	\$3.18



Shatter-resistant Plastic Ruler

Westcott Shatter-resistant ruler. Clear.

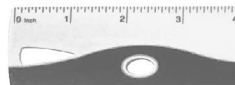
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189271	13862	12"	1-1/2"	1/16"	10ths, 1/6ths, mm	\$1.85



Plastic Ruler

Westcott Shatter-resistant ruler. Clear.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
189272	45012	12"	1-1/4"	1/8"	1/6ths & mm	\$1.62



Wave Ruler

Westcott Rubber overmold allows ruler to pivot off the page when using heavy markers. Helps prevent smudges. Ring binder holes. Assorted colors.

Stk.	Mfr.	Length	Width	Graduations	Price
189066	14097	12"	1-1/4"	1/6ths & cm	\$3.88



Superflex Ruler

Alvin Super-pliable ruler is virtually indestructible. Can be twisted or bent, yet returns to its original flat position. Has hang hole. Assorted colors.

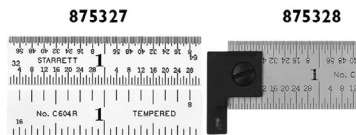
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
196038	FL14	12"	1-1/2"	3/32"	1/6ths & mm	\$2.91



Rigid Precision Steel Rule

General Stainless steel rigid rule with satin chrome finish and ultra fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
419885	CF1276	12"	1"	8ths, 1/6ths, 32nds, 64ths	\$19.50



Spring Tempered Steel Rules

Starrett Satin chrome finish. Graduations 8ths, 1/6ths & quick-reading 32nds, 64ths.

Stk.	Mfr.	Length	Width	Price
875327	C604R-6	6"	3/4"	\$28.00
875329	C604R-12	1'	1"	\$47.20
875331	C604R-24	2'	1-1/4"	\$119.00

Rule w/Hook

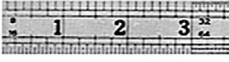
Stk.	Mfr.	Length	Width	Price
875328	CH604R-6	6"	3/4"	\$36.10



English Pattern Steel Rules

Starrett General utility rule has easy-to-read markings that are heavier than conventional machine-divided rules. Graduated on both edges, both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
874630	414-1	1'	1-1/4"	8ths, 16ths	\$45.40
874632	414-2	2'	1-1/4"	8ths, 16ths	\$78.00



Rounded-End Steel Rule

General Precision-made stainless steel rule with fine, black etched graduations. Flexible rule has rounded end with hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
419881	1201ME	1'	7/8"	8ths, 16ths, 32nds, 64ths, 1.0mm, .5mm	\$9.51



No. 62 & 60 Steel Rules

Lufkin Marked on both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
308876	6012IN	1'	3/4"	8ths, 16ths	\$33.80
309144	621FT	1'	1-1/4"	8ths, 16ths	\$37.20
309211	622FT	2'	1-1/4"	8ths, 16ths	\$58.30
309278	623FT	3'	1-1/4"	8ths, 16ths	\$89.50



Flexible Rules

Alvin Stainless steel rule is flexible for measuring curved surfaces. Etched graduations and nonskid backing. Raised edges eliminate smearing.

Stk.	Mfr.	Length	Width	Graduations	Price
196048	R590-12	1'	1-1/4"	16ths, 32nds, mm	\$4.38
196051	R590-18	1-1/2'	1-1/4"	16ths, 32nds, mm	\$6.63
196049	R590-24	2'	1-1/4"	16ths, 32nds, mm	\$8.95



Ultratest Steel Rule

General Ultra fine black graduations against a hard satin chrome finish for easy reading and long life. Plastic case.

Stk.	Mfr.	Length	Width	Graduations	Price
419893	CF1845	18"	3/4"	32nds, 64ths, 10ths, 100ths	\$29.90



6" Rigid Steel Rule

General Stainless steel rule etched with fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
419144	676	6"	3/4"	8ths, 16ths, 32nds, 64ths	\$8.21



Inch/Decimal Steel Rule

General Flexible rule with depth gauge pocket clip.

Stk.	Mfr.	Length	Width	Graduations	Price
418005	300/1	6"	15/32"	32nds, 64ths, decimals	\$3.32



Stainless Steel Pocket Clip Rule

Johnson Level Stainless steel blade with etched increments. Conversion tables on back of blade. Pocket clip for convenient storage.

Stk.	Mfr.	Length	Graduations	Price
486928	7203	6"	64ths, mm	\$3.59



Flexible Steel Circumference Rule

Lufkin Liquid or dry measure dimension table on reverse side for layout work. Can also be used as a bench rule.

Stk.	Mfr.	Length	Width	Graduations	Price
309814	953FT	3'	1-1/4"	16ths, circumferences	\$95.70



Flexible Aluminum Rule

Lufkin Sharply defined, easy-to-read markings with straight parallel edges for greater accuracy. Marked one side only. Lightweight and rustproof w/tamish-free finish. Lies flat, has hang-up hole for storage.

Stk.	Mfr.	Length	Width	Graduations	Price
312050	1260	3'	15/64"	16ths	\$9.18



Aluminum Rules

Johnson Level Extruded aluminum with clear anodized finish and screened thermal bonded black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
487015	J112	1'	1-1/8"	8ths & 16ths	\$2.40
487018	J118	1-1/2'	1-1/8"	8ths & 16ths	\$2.60
487016	J124	2'	1-1/8"	8ths & 16ths	\$2.95
487017	J236	3'	1-1/8"	8ths & 16ths	\$3.88



Straightedge Rules

Alvin Made of hardened aluminum, distinctly calibrated in black. Featherweight, strong, semi-rigid rule for flexible use. Non-rust matte finish. Hang hole.

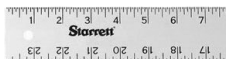
Stk.	Mfr.	Length	Width	Graduations	Price
196024	AR701-12	12"	7/8"	8ths, 16ths	\$4.70
196025	AR701-18	18"	1-1/4"	8ths, 16ths	\$6.30



Inch/Metric Meter Stick

Lufkin Aluminum English/metric meter stick. Front side has measurements, other side shows table of equivalents and conversions.

Stk.	Mfr.	Length	Width	Graduations	Price
312051	1261ME	1 Meter (3.3')	1"	16ths, dm, cm, mm	\$23.30



Aluminum Meter Stick

Starrett Parallel, accurate, flexible rule made of anodized aluminum.

Stk.	Mfr.	Length	Width	Graduations	Price
872985	MS-2	1 Meter (3.3')	1-1/8"	1/8th, mm	\$8.76



Hi-Viz Orange Power Return Tape

Lufkin Tape offers direct reading of feet and inches. Easy-find orange case comfortably fits hand. Quick-read yellow clad blade with clear coat protection. Slide-button lock. 2 rivet hook end with reinforcing strip. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
310990	L625	25'	1"	8ths, 16ths, 32nds.	\$10.90

Place your order on-line!
www.midwesttechnology.com



Professional's Choice Power Tape

Johnson Level Fractionally-marked, Speed-Read™ blade with corrosion/abrasion-resistant finish. Blade lock. Durable, triple-rivet blade hook. Impact-resistant ABS case with steel belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
487640	1803-0016	16'	3/4"	8ths, 16ths	\$6.26
487641	1803-0025	25'	1"	8ths, 16ths	\$8.51



Quikread Power Return Tapes

Lufkin Hi-visibility orange case with a black co-molded rubber grip. Exclusive pivot lock with 9' stand-out allows for easy and efficient measuring. Clear coat, A3 blade, vertical numbering, fractional and decimal equivalent, graduated feet and inch to 1/16th top and bottom.

Stk.	Mfr.	Length	Width	Price
310961	PQR1312	12'	3/4"	\$12.50
310962	PQR1316	16'	3/4"	\$14.20
310963	PQR1425	25'	1"	\$17.60



ExtraMark™ Power Tape Rules

Great Neck Positive lock secures blade. Chrome case with belt clip. Fractional black and red markings.

Stk.	Mfr.	Length	Width	Graduations	Price
281173	C125I	12'	1/2"	8ths, 16ths	\$3.76
281174	C325I	16'	3/4"	8ths, 16ths	\$8.09
281175	C435I	25'	1"	8ths, 16ths	\$8.46



Tape Rule

Stanley

7" blade stand-out and automatic blade lock holds blade securely in position. Write-on label for repeated use w/carpenter pencil. Non-marring frictionless base helps protect work surface. Anti-glare blade with easy-read inside/outside measurements.

Stk.	Mfr.	Length	Width	Price
864540	STHT30825	25'	1"	\$15.60



PowerLock® Tape Rules

Stanley Rule remains rigid up to 7'. Positive slide lock is up front for easier operation. Life-Guard® yellow blade with Mylar low-friction protection. Stud markings every 16th. 3-rivet Tru-Zero hook. Belt clip fastener.

ABS Case

Stk.	Mfr.	Length	Width	Graduations	Price
852457	33-116	16'	3/4"	8ths, 16ths	\$20.10

ABS Case w/7' Blade Standout

Stk.	Mfr.	Length	Width	Graduations	Price
852792	33-212	12'	1/2"	8ths, 16ths	\$12.10
852926	33-312	12'	3/4"	8ths, 16ths	\$13.80

Cast-metal Case

Stk.	Mfr.	Length	Width	Graduations	Price
853025	33-425	25'	1"	8ths, 16ths	\$18.10
853030	33-430	30'	1"	8ths, 16ths	\$21.80



Hi-Viz® P1000 Tape Rules

Lufkin Bright orange, rubber cushioned case. Bright yellow blade with easy-read numerals. Toggle lock, cushioned blade return. Fits most holsters. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
311945	PHV1010	10'	1/2"	8ths, 16ths	\$8.76
311946	PHV1012	12'	1/2"	8ths, 16ths	\$10.80
311947	PHV1312	12'	3/4"	8ths, 16ths	\$12.50
311948	PHV1316	16'	3/4"	8ths, 16ths	\$14.20
311949	PHV1425	25'	1"	8ths, 16ths	\$17.60

Hi-Viz® Blue Power Return Tape

Lufkin Tape offers direct reading of feet, inches, fractions and decimals. Bright blue case comfortably fits hand. Quick-read yellow clad blade with clear coat protection. Slide-button lock. Reinforced 2-rivet hook end. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
310968	QRL625MP	25'	1"	8ths, 16ths	\$10.90



FatMax® Tape Rules

Stanley Wide blade is stronger and stiffer with easy-read graphics. Mylar® coating extends blade life up to 10x. Dual material case with small comfort grip (smaller than most 25' tapes). Non-slip, impact-resistant cushion grip. Multi-catch hook grabs on top or bottom for

versatility. 3-rivet, corrosion-resistant Tru-zero end hook for accurate measurements. Top-forward blade lock.

Stk.	Mfr.	Length	Width	Graduations	Price
853150	33-716	16'	1-1/4"	8ths, 16ths	\$29.60
853154	33-725	25'	1-1/4"	8ths, 16ths	\$36.00
853158	33-730	30'	1-1/4"	8ths, 16ths	\$41.70



Tape Measure

DEWALT 1-1/8"W blade with 1/8" markings to speed up measuring jobs. 10' of blade stand-out. Durable duo-durometer blade-lock adds comfort. Mylar® coating for long blade life. Hook grabs construction material from top and bottom.

Stk.	Mfr.	Length	Width	Graduations	Price
243400	DWHT33373	25'	1-1/8"	8ths	\$21.90
243401	DWHT33374	30'	1-1/8"	8ths	\$25.90



Long Tape Rules

Stanley Large fold-out knob for smooth rewind. Belt clip for hands free use. Durable, high-impact case. Integrated hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
853050	34-103	50'	3/8"	8ths	\$15.20
853051	34-106	100'	3/8"	8ths	\$19.30



Steel Long Tape

DEWALT 5:1 gear ratio rewinds blade 5x faster. Blade release button for easy blade pull-out. Rust-resistant coating on blade. Dirt-removal window removes dust particles inside tool. Spring-loaded carabiner.

Stk.	Mfr.	Length	Width	Graduations	Price
243402	DWHT34036	100'	3/8"	8ths, 16ths	\$25.40



Chrome Clad® Steel Long Tapes

Lufkin Easy-to-read and accurate. Case is covered with black vinyl. Chrome Clad® blade with black markings bonded to the steel and recessed below the hard chrome surface and highly resistant to wear, rust and heat. Large easy-action winding drum and friction washers.

Nylon roller guides the tape smoothly. Folding end hook ring.

Stk.	Mfr.	Length	Width	Graduations	Price
310886	HC253	50'	3/8"	8ths	\$70.60
310953	HC256	100'	3/8"	8ths	\$108.00



FatMax® Steel Long Tape

Stanley Durable stainless steel blade. Features fast rewind 3-to-1 gear drive, end hook for inside and outside measurements and high-impact ABS case with rubber, non-slip grip. Steel roller cage protects case from being cut by blade during retraction.

Stk.	Mfr.	Length	Width	Graduations	Price
853053	34-130	100'	3/8"	8ths	\$30.70



Big J™ Geared Nylon Clad Steel Tape

Johnson Level 3:1 gear drive speeds blade rewind. Nylon-clad, high-grade carbon steel blade resists rust. Durable steel end hook with loop. Comfort, non-slip rubberized hand grip. Rugged, high-impact ABS case.

Stk.	Mfr.	Length	Width	Graduations	Price
487650	1811-0200	200'	3/8"	8ths	\$78.00



Construction Master® Pro Calculator

Calculated Industries Calculator provides powerful, built-in solutions and expanded preference settings. Easy-to-use in the field or shop. Perfect for completing plans, layouts, bids and estimates (*saves time, money & materials*).

- Built-in right-angle stair, roof & rafter solutions
- Calculate area, volume, square-up, perimeter & more
- Work in & convert between building dimensions (*including metric*)
- Stair layouts (*tread, risers, stringer, stairwell, floor thickness*)
- Figures arcs, area, circumference, segments & more
- Solutions for hip/valley, jacks, cutting angles & arched rake-walls
- Measurements for drywall (*siding & panels*), studs (*on-center*) & compound miter cuts
 - 1-yr. mfr.'s limited warranty

LCD segment display (0.625" x 2.5"), 11 digits (7 normal, 4 fractions, full annunciators). 10-digit internal accuracy.

Includes 2 long-life 1.5V batteries, English & Spanish CD w/how-to videos, 3 guides (CD user guide, pocket-reference guide & easy-follow English user guide) & hard-slide case.

Stk.	Mfr.	Price
282000	4065	\$70.20



Trades Math & Conversion Calculator

Calculated Industries Designed for teaching technical trade math. Ideal for those in math-oriented trades needing an easy-to-use handheld calculator with applied math functions.

- Right triangle math, trigonometry, circle/arc, ratios & proportions, hexagon/polygon
- Calculate architectural, proper, mixed & improper fractions
- Solve dimensional math problems & convert between U.S. & metric
- Solve ratios, proportions & work w/exponents
- 1-yr. mfr.'s limited warranty

LCD display (0.73" x 2.56"), 15 digits (8 normal, 7 fractions) w/full annunciators. 12 digit internal accuracy. Overall dimensions 5.7" x 3.0" x 0.65".

Includes protective slide cover, reference guides & 3V long-life (CR2016) battery.

Stk.	Mfr.	Price
282010	4400	\$42.70



Material Estimator Calculator

Calculated Industries Designed to estimate materials and costs for concrete, fences, decks, bricks, tile, flooring, gravel, painting, drywall, paneling and more. Quickly and easily calculate material costs and allowances.

- Works directly in feet, inches, fractions, yards & meters including square & cubic format
- Solar & battery powered
- Calculate studs, board feet & cost per unit
- Linear, area & volume calculations
- Convert between all standard building math dimensions
- Define & store values for grout, tile, custom tiles, fence post spacing, board width, bags of concrete, paint coverage & more
- Time-saving utility functions: +, -, +/-, x, ÷, %, π, 1/x, x2, & √
- Memory & auto shut-off, paperless tape function
- 1-yr. mfr.'s limited warranty

Size 5.7"H x 3"W x .65"T. Weight 4.15 oz.

Includes 360° protective hard cover, English/Spanish pocket reference guide & 3V battery.

Stk.	Mfr.	Price
943311	4019	\$42.70



Project Calculator

Calculated Industries Hand-held calculator helps students work directly in feet, inches, fractions, decimal fractions, yards and meters (*including square & cubic formats*). Converts between all standard math dimensions.

- Works as a standard math calculator
- Dedicated functions help students quickly estimate material amounts & calculate costs for paint, wallpaper, concrete & tile
- Solves reverse calculations (*square feet per gal. of paint. etc.*)

LCD segment display (1" x 2.25"), 11 digits (7 normal, 4 fractions) & annunciator-legends. 12 digit internal accuracy.

Includes 2 long-life LR-43 lithium batteries & easy-use manual.

Stk.	Mfr.	Price
942636	8510	\$26.70



Laser Distance Measurer

BOSCH Pocket-size laser range finder offers 7 measuring modes (*length, area volume, min./max., continuous, indirect length, multi-surface area mode*). 4 measurement systems (*inches, feet & inches, decimal feet & metric*).

- Precision laser beam does both pointing & measuring
- 4 measuring reference points (*back, front, swing-out extension pin for measuring from inside corners or channels, or center of optional tripod*)
- Bubble vial provides visual reference for measuring horz. distances
- Continuous length mode automatically adjusts measurement when walking-off distances

Accuracy: +/- 1/16". Range: 2" to 230'. Laser Class: 2.
Laser Diode: 635 nm, < 1mW. Measuring Time: < 0.5 sec. to 4 sec.
Power: 4 AAA batteries (*approx. 30,000 measurements*).
Size 4" x 2-5/16" x 1-1/4". Weight 6.35 oz.

Includes belt pouch, hand strap & 4 AAA batteries.

Stk.	Mfr.	Price
258903	GLR225	\$227.00



IntelliMeasure® Distance Estimator

Stanley One-person measuring up to 40' without assistance. Intuitively-designed toggle button offers 3 measuring modes (*length, area & volume*). Automatically calculates area and volume. Manual mode for specialized calculations (*i.e., perimeter*). Large, easy-to-read LCD screen displays last 3 measurements for quick reference. English or metric modes.

Accuracy: ±0.5% @ 100'.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
864482	77-018	\$45.10



Stud Sensor™ 100

Stanley Locate stud edges or live AC wires up to 2" deep through common building materials. Sensor displays red LED's and sounds an audible tone. Indicate stud edges on wall with the marking channel.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
864550	STHT77403	\$17.30



Stud Finder

Master Mechanic Professional stud sensor with 5 LED display lights, ready indicator and sound. Non-magnetic unit is fully automatic. Finds studs, not nails by sensing changes in density.

Requires 9V battery, sold separately.

Stk.	Mfr.	Price
943200	MM50500	\$16.50



Wing Dividers

CS Osborne Forged steel, fully-polished tool features steel wing nuts, turned brass washers, hardened points, precision screw threads and carefully tempered springs made for easy adjustment while holding the legs firmly. Made to U.S. Government specifications.

Stk.	Mfr.	Size	Price
614280	106-6	6"	\$66.70
614281	106-8	8"	\$57.30
614282	106-10	10"	\$73.40
614283	106-12	12"	\$73.60



Yankee Calipers & Dividers

Starrett Calipers are made from a high-grade steel and well finished. Legs are made of flat stock and are very durable. Fulcrum stud is hardened and has a smooth bearing surface. Bow spring, although flexible, is exceedingly strong to assure reliability. Solid nut type.

Inside

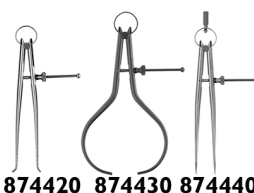
Stk.	Mfr.	Size	Price
873735	73A-4	4"	\$56.50
873737	73A-6	6"	\$58.20
873804	73A-8	8"	\$83.80

Outside

Stk.	Mfr.	Size	Price
873868	79A-4	4"	\$71.00
873871	79A-6	6"	\$69.90
873938	79A-8	8"	\$87.30

Divider

Stk.	Mfr.	Size	Price
874002	83A-4	4"	\$74.50
874005	83A-6	6"	\$76.90
874072	83A-8	8"	\$99.00



Toolmaker's Calipers & Dividers

Starrett Fine adjustment and better balance provide a more sensitive feel. Legs are made from round stock. Fulcrum stud is hardened. Bearing surfaces of the legs are sufficiently large to prevent any side deflection.

Stk.	Mfr.	Size	Price
874420	274-6	Inside, 6"	\$74.50
874430	275-6	Outside, 6"	\$82.70
874440	277-6	Divider, 6"	\$79.20



Lock Joint Hermaphrodite Caliper

Starrett Features adjustable point, locking joint and close adjustment feature for fine measurements. Once legs are set to an approximate size and joint locked, final adjustment is made by a few turns of knurled adjusting nut. Legs of highgrade steel. Used in layout work for locating and testing centers, laying off distances from an edge, etc.

Stk.	Mfr.	Size	Price
873518	42-6	6"L	\$188.00

SQUARES



Steel Rafter/Roofing Square

Stanley 1/8" graduations on face and back. 16" x 1-1/2" tongue. Essex board measure and rafter table. Buffed steel finish.

Stk.	Mfr.	Size	Price
854333	45-910	24" x 2"	\$13.80



Premium Aluminum Rafter Square

Stanley Aluminum with black finish. Deep graduations are filled with yellow paint for ease of readability.

- 16" x 1-1/2" tongue
- 1/16" & 1/8" graduations on face

- 1/10", 1/12" & 1/16" graduations on back
- Rafter tables, brace measure, octagon scale & board measure

Stk.	Mfr.	Size	Price
853995	45-011	24" x 2"	\$27.10



Steel Rafter Square

Johnson Level 16" x 1-1/2" tongue. Stamped 1/8" graduations include rafter square layout with tables and Essex board measure. Rust-proof coating.

Stk.	Mfr.	Size	Price
487010	CS2	24" x 2"	\$11.80



Aluminum Carpenter's Square

Stanley Aluminum square with embossed graduations, tables and information printed on both sides. Features formula for squaring a foundation, volume and area formulas, lumber scale, wood screw gauge table, metric and decimal conversion tables.

- Depth scale
- 45°, 60° & 30° angle markings
- Tongue 16" x 1-1/2"

Stk.	Mfr.	Size	Price
854145	45-300	24" x 2"	\$13.60



Steel Carpenter's Square

Stanley 1/16" steel with embossed graduations on face and back. Reverse reading scale allows for efficient measuring. Buffed lacquered finish.

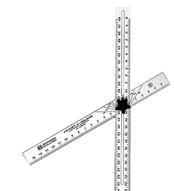
Stk.	Mfr.	Size	Price
854335	45-912	12" x 1-1/2"	\$7.23



Stair / Square Gauge Sets

For fast, accurate layout of angles for bevel cuts, stair stringers & roof framing. Clamp onto carpenter's squares to create a pattern for repeat angles.

Stk.	Mfr.	Brand	Qty.	Price
192980	9249	Jorgensen	2	\$6.04
486962	405	Johnson Level	2	\$4.80



Adjust-A-Square

Johnson Level Adjust to any angle or lock into a true 90° angle. Anodized aluminum with thermal bonded epoxy graduations in 8ths and 16ths. Great for dry-wall, siding and paneling. Closes to parallel position for storage and transporting.

Stk.	Mfr.	Length	Price
487000	ADS48	48"	\$48.10



Aluminum Drywall T-square

Johnson Level Tempered anodized 1/8" x 2" aluminum blade with thermal bonded epoxy ink graduations screened in 8ths with markings at 16" centers. 22" head is securely fastened with 4 stainless steel drive rivets.

Stk.	Mfr.	Length	Price
942754	JTS48	48"	\$20.70



Aluminum Rafter Angle Square

Craftsman Cast aluminum with molded graduation marks. Powder coat, matte finish fights corrosion while offering a smooth, easy-clean surface that requires minimal maintenance. Measurements marked standard (SAE).

Stk.	Mfr.	Size	Price
305765	39601	7"	\$12.50

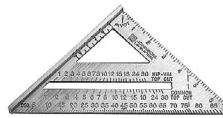


Quick Square® Pocket Square

Stanley Versatile layout tool works as a rafter square, try square, protractor or power saw guide. Heavy-duty ABS plastic body.

Includes detailed instruction book.

Stk.	Mfr.	Size	Price
854490	46-060	6-7/8"	\$4.90

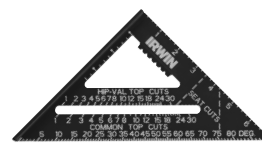


Structo-Cast Rafter Angle Squares

Johnson Level Aluminum alloy die-cast square with permanent molded graduations. Face is polished and all edges are computer machined. Use for rafters, roof, stair layouts and more.

Includes manual.

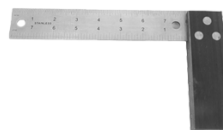
Stk.	Mfr.	Size	Price
487030	RAS-1	7"	\$10.90
487031	RAS-120	12"	\$22.00



Hi-Contrast Aluminum Rafter Square

Irwin Durable rust-proof aluminum body. Permanent deep markings. Can be used as a protractor, saw guide and tri/miter square.

Stk.	Mfr.	Size	Price
619304	1794463	7"	\$16.30



Hardwood Try Square

Master Mechanic Precision etched stainless steel blade and brass bound hardwood handle for long life in the shop or on the job.

Stk.	Mfr.	Blade	Graduations	Price
943306	162990	8"	8ths & 16ths	\$12.00



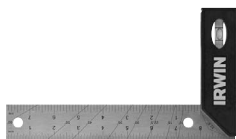
Professional Bamboo Try Square

Johnson Level Bamboo handle with stainless gauging edges, etched graduations and routed hand grip. Heavy duty stainless steel blade will not rust or corrode.

Stk.	Mfr.	Blade	Graduations	Price
487655	1909-0800	8"	8ths, 16ths	\$13.00

Tri Square

Irwin Stainless steel blade, black precision etched scales, high impact ABS handle.



Stk.	Mfr.	Blade	Graduations	Price
619306	1794473	8"	8ths & 16ths	\$9.60

Plastic Handle Try / Miter Square

Stanley Aluminum blade with lightweight plastic handle. Measures 45° and 90° angles.



Stk.	Mfr.	Blade	Graduations	Price
854730	46-502	8"	8ths	\$6.65

Structo-Cast Try / Miter Square

Johnson Level Stainless steel blade with permanent stamped graduations. High impact plastic handle with hand grip and insert-molded blade. Measures 45° and 90° angles.



Stk.	Mfr.	Blade	Graduations	Price
486970	450	8"	8ths	\$6.36

Multi-Angle™ Adjustable Square

Bora Precise, pre-set locking positions allow consistent angle measurements from project to project. Composite poly base and etched stainless steel ruler folding square has 4 locking positions. Easy open and close. Fits carpenter's belt or pocket. Accuracy +/- .05°. Lifetime mfr.'s warranty.



Pre-set angles 0°, 45°, 90°, 135°.

Stk.	Mfr.	Blade	Graduations	Price
193606	408	8"	8ths, 16ths	\$17.00

Carpenter's Combination Square

General Enameled cast iron head with precision level and scriber for 90° and 45° angles. 12" x 1" steel blade is graduated on both sides.



Stk.	Mfr.	Blade	Handle	Graduations	Price
419467	812	12"	4-1/2"	8ths, 16ths, 32nds	\$46.50

Yellow Combination Square

Stanley Grooved 12" removable blade. Spring wire and clamping lug in handle keeps blade in place. Cast iron handle has level glass and scratch awl.



Stk.	Mfr.	Blade	Handle	Graduations	Price
854601	46-123	12"	4-1/4"	8ths, 16ths, 32nds	\$17.70

Combination Squares

Stanley Blade is coated to resist rust. Measure, square and level with this square complete with grooved blade, scratch awl and hand-regulated level vial.



Stk.	Mfr.	Blade	Handle	Graduations	Price
854668	46-222	12"	4-1/8"	8ths, 16ths, 32nds	\$11.80
854471	46-028	12"	4-1/8"	8ths, 16ths, 32nds, metric	\$13.90

Contractor Metal Combination Square

Johnson Level Cast zinc head has computer machined gauging edges for greater accuracy. Square also features an acrylic yellow barrel vial and a hardened removable scriber. Steel blade has permanently stamped graduations with rust protective coating.



Stk.	Mfr.	Blade	Handle	Graduations	Price
486960	400	12"	4-1/8"	8ths, 16ths, 32nds	\$12.00

ABS Handle Combination Square

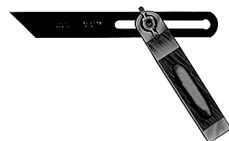
Irwin Black, etched scales with stainless steel blade. Provides accurate 90°/45° readings. Use as depth gauge and for transferring angles.



Stk.	Mfr.	Blade	Graduations	Price
619305	1794470	12"	8ths	\$12.20

Sliding T-Bevel

Stanley Durable stainless steel blade. Built-in blade lock in sturdy plastic handle.



Stk.	Mfr.	Blade	Handle	Price
855082	46-825	8"	5-1/2"	\$6.15

Professional Bamboo T-Bevel

Johnson Level Heavy-duty adjustable stainless steel blade will not rust or corrode. Bamboo handle with routed hand grip. Stainless steel edging on handle. Locking nut holds blade in place.



Stk.	Mfr.	Blade	Price
487660	1915-0800	8"	\$13.00

Hardwood Sliding T-Bevel

Irwin Used as a depth gauge and for transferring angles.



Stk.	Mfr.	Blade	Price
619302	1794474	10"	\$19.40

T-Bevel w/Vial

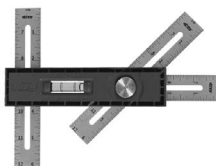
Bora Built-in step guide for setting 3/16" trim reveals. Permanently etched 7" stainless steel ruler. Quick lock & unlock with thumb knob. Easy-to-read vial for level/plumb determination. Mfr.'s lifetime warranty.



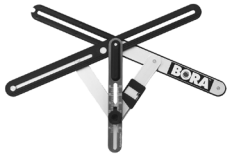
Stk.	Mfr.	Blade	Price
193614	531301	7"	\$10.70

Multi-Mark™ Marking & Measuring Tool

Kreg Multi-purpose marking and measuring tool for a variety of job site applications. Layout wall studs, mitered corners and transfer measurements. Align, square, level and measure work projects, set blade heights and more. Built-in 3/16" reveal gauge and torpedo level. Inch and metric scale.



Stk.	Mfr.	Length	Price
793901	KMA2900	6 - 8-1/2"	\$14.90



Angle Master™ Miter Duplicator

Bora Highly-flexible tool allows easy transfer of angles to saws. Duplicate any angle to make perfect mitered cuts every time. Graduated scale for corner and miter angles. Lifetime mfr.'s warranty.

Graduations: internal / external angles 70° to 180° (miter angles 35° to 90°).

Stk.	Mfr.	Length	Price
193609	530301	13" (folded)	\$72.00

Digital Angle Finders

General Digital stainless steel rule calculates inside and outside angles in seconds.

- Lock & reverse angle features
- Large, easy-to-read LCD display
- Can be zeroed at any point in the swing
- Hinge rotates 360°



Graduations: 1/6ths & mm.

Includes 3V battery.

Stk.	Mfr.	Length	Price
419537	822	5"	\$30.00
419538	823	10"	\$40.00

LEVELS



Bull's-Eye Circular Level

Johnson Level Surface level with all-purpose, 360° vial reads in all directions. Sturdy plastic construction, large sight for ease of reading.

Stk.	Mfr.	Dia.	Price
486890	100	1-3/4"	\$2.78



Magnetic Aluminum Torpedo Level

Stanley Magnetic base, 3 vials (plumb, level and 45° miter), top reading, bottom grooved for use on round stock or pipe.

Stk.	Mfr.	Length	Price
853890	42-465	9"	\$11.80



Heavy-duty Magnetic Aluminum Torpedo Level

Johnson Level Magnetic base, 1-piece, full length cast aluminum frame with CNC machined edges. 360° reading acrylic yellow barrel vials (plumb, level & 45°). Level vial is top reading. SurroundView® polymer frames the vials for easy viewing. High-impact plastic covers. Large V-grooved edge for pipe and conduit work. Use for plumbing, electrical, HVAC and small leveling jobs.

Stk.	Mfr.	Length	Price
486924	4500M	9"	\$15.10



Structo-Cast® Magnetic Torpedo Level

Johnson Level Durable high-impact plastic molded frame and covers. 360° reading acrylic yellow barrel vials (plumb, level & 45°). V-grooved top for pipe and conduit work. Full-length magnetic edge.

Stk.	Mfr.	Length	Price
486930	7500M	9"	\$6.36



Magnetic Torpedo Level

Stanley Durable, shock-resistant ABS plastic won't mar surfaces. 3 vials (plumb, level & 45°).

Large top-read window. Grooved top surface for pipe and conduit work. Magnetic base allows hands-free operation.

Stk.	Mfr.	Length	Price
853610	42-264	9"	\$8.61



Heavy-duty Aluminum Line Level

Johnson Level Hexagonal aluminum extruded body. Durable high-impact plastic reversed line hooks. Acrylic yellow barrel vial.

Stk.	Mfr.	Length	Price
486985	555	3"	\$3.30



Aluminum Line Level

Stanley Aluminum line level has special hooks which hold onto the line which allows level to slide freely for easy positioning. Bottom is flat for surface leveling. Yellow vial, solid set. Hexagonal case.

slide freely for easy positioning. Bottom is flat for surface leveling. Yellow vial, solid set. Hexagonal case.

Stk.	Mfr.	Length	Price
853670	42-287	3-3/32"	\$2.55



High Impact ABS Plastic Levels

Stanley High-impact, durable, shock-resistant construction maintains the accuracy of these levels. Includes top-read center vials, measuring scale for multi tasks, non-marring for use on finished surfaces. (2 plumb & 1 level vials).

Stk.	Mfr.	Length	Price
853891	42-466	12"	\$5.16
853892	42-468	24"	\$8.15



Structo-Cast® Levels

Johnson Level Tough, non-conductive molded resin frame. 3 impact-resistant acrylic vials (plumb, level & diagonal) with Quik-Change® vial covers.

Stk.	Mfr.	Length	Price
486933	7724-O	24"	\$10.30
486934	7748-O	48"	\$17.10



Machined Top Read Aluminum Levels

Johnson Level Highly accurate, extruded aluminum I-beam frame with black anodized finish and computer-machined edges. Shock-protecting end caps. 360° acrylic yellow barrel vials (2 plumb & 1 level) with screw-on high-impact plastic covers and protective lenses. Large magnified top-read window. Strong, full-length magnetic strip.

Stk.	Mfr.	Length	Price
486910	3724	24"	\$22.90
486912	3748	48"	\$36.30
486914	3772	72"	\$72.80

Magnetic Base

Stk.	Mfr.	Length	Price
486920	3824	24"	\$28.10
486922	3848	48"	\$46.10
486923	3872	72"	\$86.70



I-Beam Aluminum Level

Stanley Aluminum level with 3 vials, solid set, protected with dustproof covers.

Stk.	Mfr.	Length	Price
853596	42-240	24"	\$14.20

1000 Series I-Beam Levels



Irwin Rigid aluminum I-Beam construction. Rotating angle vial. Full length V-grooved strip magnet.

Stk.	Mfr.	Length	Price
619300	1800990	24"	\$22.30
619301	1801094	48"	\$33.80

Aluminum Box Beam Level



Stanley Center block vial for durability and accuracy of 0.0005". Large 12mm tubular plumb vials for accuracy of 0.001". Enlarged vial housing for brightly lit vials. Shock-absorbing end caps, MaxEdge™ bridged center vial for continuous marking surface and durability.

Stk.	Mfr.	Length	Price
864845	STHT42496	24"	\$30.30
864847	STHT42504	48"	\$41.70

Magnetic Base

Stk.	Mfr.	Length	Price
864846	STHT42497	24"	\$33.60
864848	STHT42505	48"	\$45.80

FatMax® Xtreme™ Level



Stanley Box-beam constructed aluminum level provides extra durability with hard use.

Features 2x stronger, rare earth magnets built-in for stability, 2 handholds, 3 vials (*magnified center vial*) and machined leveling surfaces for improved accuracy (+/- 0.0005").

Stk.	Mfr.	Length	Price
853920	43-648	48"	\$60.20

Eco-Tech Bamboo Level



Johnson Level Strong, durable, tough laminated bamboo frame. Hand set durable impact resistant acrylic vials assure maximum accuracy. Flush mounted protective metal bindings with shock absorbing rubber end caps protect frame. Mfr.'s lifetime accuracy warranty.

Stk.	Mfr.	Length	Price
487620	1600-2400	24"	\$57.70
487621	1600-4800	48"	\$71.20

Hot Shot® Magnetic Torpedo Laser Level



Johnson Level Durable, 7" molded plastic housing is impact resistant and lightweight (5 oz.). Fits where standard-size levels won't. 3 manual vials (*plumb, level & accuracy cross-check*). Built-in, rotating head swivels between dot, horizontal and vertical lines.

- Interior range up to 100' (*depending on light*)
- Accuracy ±3/8"/50'
- Battery life ±70 hr. (*continuous use*)
- Working temp 14°F to 113°F

Includes 2 AAA batteries & manual.

Stk.	Mfr.	Price
486926	40-0915	\$27.90

Strait-Line Laser Level 30



Irwin Creates a highly visible 30' laser line with 360° rotation and pivot. Dual bubble vials provide accurate horizontal and vertical layouts. Work hands free, quick mounting and easy removal with 3M® Command Strips®.

Requires 2 AA batteries, sold separately.

Stk.	Mfr.	Price
456391	6041100CD	\$30.50



Hot Shot® LaserMouse™ Handheld Laser Level

Johnson Level Class II laser projects laser line up to 30'. Reusable SuperStik adhesion system adheres to any surface without leaving marks or holes. Integrated horizontal and vertical vials. Ideal for laying tile and flooring, installing cabinets and shelves and more.

Includes adhesive strip, 2 AA batteries, instructions & carrying pouch.

Stk.	Mfr.	Price
486940	9250	\$28.50



20x Speed Line & Transit Levels

CST/berger Works in areas that require rough angle turning and fine tuning adjustments. Clamps and tangents bring the instrument

quickly on target. Use for determining grades and elevations, rough angle turning, laying out and leveling foundations, setting forms, leveling walls, setting lines, plus setting offset stakes.

- Non-strip focus knob prevents breakage & lens damage
- Large achromatic-coated objective lens for a sharp image
- Rubber eyepiece cap protects eyeglasses
- Dust-protected eyepiece w/fixed cross hairs for accuracy
- 4'6" short focus for maximum usable range
- 1-piece aircraft aluminum telescope
- Electrostatic, powder-coated safety yellow paint
- Built-in sunshade reduces glare
- Durable brass leveling screws
- High precision glass level vials
- 1-yr. mfr.'s warranty

Telescope: power 20x, min. focus 4-1/2'. Accuracy 1/4" at 100'. Working range 200'. Leveling head screws 3. Weight 3 lbs.

Includes case, Allen wrench, plumb bob w/string & manual.

Speed Line Level

Stk.	Mfr.	Tripod Thread	Head	Price
306050	54-190B	5/8" x 11"	Flat	\$300.00
306051	54-190K	5/8" x 11"	Flat	\$374.00

Transit Level

Stk.	Mfr.	Tripod Thread	Head	Price
306060	54-200B	5/8" x 11"	Flat	\$422.00
306061	54-200K	5/8" x 11"	Flat	\$490.00

306051 & 306061 | **Includes same as above, plus aluminum tripod & aluminum rod.**

Automatic Optical Level



BOSCH Large aperture 32x-power lens allows more light for a sharper image and excellent magnification. Self-leveling compensator with transport lock protects pendulum against damage and loss of calibration. Both horizontal/vertical Crosshairs and Stadia lines measures level, alignment and estimates distance. Screws provides stability in all weather for precision leveling. Top mount quick sight for quick sighting of leveling rod. Circular bubble vial with 90° prism for easy, fast set-up.

Magnification 35x. Accuracy up to ±1/16" @ 100'. Range up to 330'.

Includes automatic optical level, plumb bob, carrying case, tool kit, construction tripod & 8' leveling rod.

Stk.	Mfr.	Tripod Thread	Head	Price
258902	GOL26CK	5/8" x 11"	Flat	\$383.00



Automatic Levels

CST/berger AL Series automatic levels with 20x magnification. Designed for accurate leveling every time, SAL automatic levels set up fast and are easy to use.

- Fine motion knobs on both sides w/friction-baked rotation, endless horizontal drive

- Large effective aperture & minimum focus of 1'
- Top-mounted optical peep-sight for quick reference
- Large, easy-to-use precise focusing knob
- Easy-to-read horizontal circle
- Circular vial w/penta prisma
- Target collimator
- Graduated circle w/either 360° or 400 gons

Magnification 20x, min. focus 1. Accuracy: Leveling 1/8" at 100', Angular 1°. Working range up to 200'.

Includes lens cover, plumb bob, adjustment tools & case.

Stk.	Mfr.	Tripod Thread	Head	Price
306068	55-SAL20ND	5/8" x 11"	Flat or Dome	\$287.00
Includes lens cover, plumb bob, adjustment tools, tripod, 8' rod & case.				
306067	55-SLVP20ND	5/8" x 11"	Flat or Dome	\$355.00



Lasermark® Wizard Rotation Laser

CST/berger Features 1-button leveling, plumbing and alignment, indoor/outdoor suitability, variable speed rotation, plus spot mode and 1-person operation. Dual beams are standard, as well as short and long chalk line point-and-shoot sweep modes and LED mode indicator. Protected level vials prevent damage

and shield vials from the sun to prevent misreads.

- Built-in trivet for vertical alignment projects
- 2-screw manual leveling
- 1-yr. mfr.'s warranty

Range 800' dia. w/detector (exterior), 200' dia. w/target (interior). Accuracy 1/4" dia. at 100'. Beam type visible red laser. Powered by 4 C alkaline batteries. Weight 3.6 lbs.

Includes ceiling mount, target, aluminum tripod, aluminum rod, molded case, batteries & manual.

Stk.	Mfr.	Tripod Thread	Head	Price
306101	57-LM30PKG	5/8" x 11"	Flat	\$464.00



Electronic Self-leveling Rotation Laser

CST/berger Manual single-slope capable laser with electronic cross-axis leveling allows grade matching for basic slope work while maintaining accuracy in the cross-slope. Ideal for exterior work such as grading and excavating, concrete forms, machine control, site prep, marking elevation, landscaping and driveway paving.

- Vertical self-leveling w/laydown
- 3-yr. mfr.'s warranty

Range 2,800" dia. w/detector. Accuracy 1/16" dia. at 100". Beam type visible red laser. Self-leveling range ±5°. Weight 13.6 lbs.

Includes laser detector, 4 D alkaline batteries & molded case.

Stk.	Mfr.	Tripod Thread	Head	Price
306122	57-ALH	5/8" x 11"	Flat or Dome	\$1,027.00
306123	57-ALHPKG	5/8" x 11"	Flat or Dome	\$1,029.00

306123|Includes same as above, plus aluminum tripod & aluminum rod.

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904



Universal Laser Detector

CST/berger Locate your laser beam in bright light or over long distances. Detector can be used with any rotating visible or invisible laser on the market. Features front and back LCD displays, 3 levels of beam resolution and 4 levels of speaker volume. Improved heavy-duty

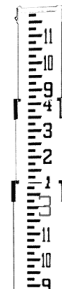
rod clamp now includes an "E" ring on clamping screw for less wear and longer term durability. Yellow color.

- Rugged, gasket-sealed case for waterproof protection
- Built-in filtering for bright sunlight & electromagnetic interference
- Auto shut-off after 6 min. of inactivity to save batteries
- Memory feature preserves last position of beam if the unit is moved out of the plane of light
- 1-yr. mfr.'s warranty

Powered by 9V alkaline battery.

Includes battery & rod w/bag.

Stk.	Mfr.	Price
306085	57-LD400YEL	\$253.00



Aluminum Leveling Rods

CST/berger Telescoping rods made of light, durable aluminum alloy. Anodized sections are imprinted w/special weather- & corrosion-resistant inks. Tight tolerances on extruded aluminum sections allow for smooth extension and prevent any unnecessary clattering & sloppiness.

- Injection molded joints of lightweight, impact-resistant plastic
- Wear-resistant polycarbonate locking buttons on each section
- Easy-to-read graduations & special measuring scale on backside

Stk.	Mfr.	Length	Sections	Graduations	Price
306000	06-808A	8'	3	ft., 10ths, 100ths	\$52.00
306001	06-808C	8'	3	ft., in., 8ths	\$52.00
306002	06-816	16'	5	ft., 10ths, 100ths	\$80.50
306003	06-816C	16'	5	ft., in., 8ths	\$80.50



Heavy-duty Aluminum Tripod

CST/berger Lightweight, heavy-gauge aluminum w/ double banded legs.

- Positive locking clamps
- Shoulder strap
- Powder-painted, wear-resistant parts

Length: 42" closed, 65" open. Weight 12 lbs.

Stk.	Mfr.	Tripod Thread	Head	Price
306212	60-ALQRI20-O	5/8" x 11"	Flat	\$95.40



Aluminum Tripod

CST/berger Lightweight & durable aluminum hinge, clamp & shoe castings.

- Hinges are attached w/screws, not rivets
- Heavy-duty poly-webbing shoulder strap
- Powder coated castings for durable & long lasting finish

- Replaceable shoe points
 - Individually tightened hinge screws
 - Hinge stops prevent legs from slipping out
- Length 38" closed, 63" open. Weight 12 lbs.

Stk.	Mfr.	Tripod Thread	Head	Price
306207	60-ALQCI20-O	5/8" x 11"	Flat	\$71.80

SCRATCH AWLS

6-1/16" Scratch Awl



Stanley Hardwood handle. Heat-treated alloy steel blade is plated for corrosion resistance. Chrome-plated steel femule for strength.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
864455	69-122	3-3/8"	3/16"	\$6.88

Hardwood Handle Scratch Awl



General Alloy steel blade runs through the fluted hardwood handle, and is attached to plated steel femule.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
419475	818	3-3/4"	3/16"	\$7.66

4" Scratch Awl



Stanley Blade, shank and bolster forged from 1 piece of steel anchored in plastic handle.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
864316	69-006	3-1/2"	1/4"	\$8.33

Plastic Handle Scratch Awl



Great Neck Drop-forged steel blade goes through the shock-resistant plastic handle.

Stk.	Mfr.	Bar Length	Price
281182	SC3C	3"	\$4.03

MARKING & LAYOUT

Blue Lumber Crayons



Johnson Level Lead-free, nontoxic, weather and fade-resistant crayons.

Stk.	Mfr.	Qty.	Price
486907	3502-B	2	\$1.96

Carpenter Pencils

Johnson Level American wood from renewable forests with medium graphite lead. Flat design will not roll.

Stk.	Mfr.	Qty.	Price
487007	CPB-12	12	\$9.27

Metal Case Chalk Reel



Strait-Line Durable aluminum alloy case doubles as plumb line and bob. Metal self-locking handle locks on all reels. Leak-proof slide fill opening. Large-grip anchor ring.

Chalk sold separately.

Stk.	Mfr.	Length	Price
456397	64110	100'	\$8.34

Mach6 Chalk Reel



Strait-Line Operates 6x faster than traditional chalk reels (6:1 gear ratio). Aluminum alloy case. Metal handle and drive gear. Wide-pronged hook. Nylon/polyester braided line.

Chalk sold separately.

Stk.	Mfr.	Length	Price
619534	2031314DS	100'	\$18.10



Speed-Line® Fast Retrieve Chalk Reel

Strait-Line Tough, lightweight ABS casing is smaller for easier handling. Self-chalking, high-tensile strength cord. Retractable crank handle with clutch release allows line release without spinning handle. Hook storage/door on fill opening with locking mechanism to eliminate spills and line tangles. Stable steel-plated hook.

Chalk sold separately.

Stk.	Mfr.	Length	Price
962359	64310	100'	\$12.30



Soft-grip Chalk Reel

DEWALT Open-access door allows quick refills and access to internal components. Heavy-duty line resists abrasion and breakage. Stainless hook and crank withstands rough use and corrosion. Durable, high-impact ABS housing. Over-molded soft grip.

Chalk sold separately.

Stk.	Mfr.	Length	Price
243403	DWHT47142	100'	\$10.50



Chalk Reel w/Yellow Case

Stanley Felt gasket hugs line, distributes uniform chalk coating. Universal hook attaches to any projection or slot. Die-cast aluminum safety yellow case. Can be used as plumb bob. Foldable handle.

Chalk sold separately.

Stk.	Mfr.	Length	Price
855472	47-099	100'	\$11.80



FatMax® Chalk Reel

Stanley Strong polymer braided line provides 2x the line strength than traditional chalk line reels. Water resistant case features a non-slip rubber grip and a push button for string locking mechanism. Spare hook included. Holds up to a full 4 oz. bottle of chalk.

Chalk sold separately.

Stk.	Mfr.	Length	Price
855480	47-140L	100'	\$13.00



Chalk Refill

Stanley High-grade chalk packed in easy-pour canister.

Stk.	Mfr.	Color	Size	Price
855575	47-803	Blue	8 oz.	\$1.73
855577	47-804	Red	8 oz.	\$1.73



Brass Plumb Bobs

Johnson Level Machined brass with lacquer finish and replaceable hardened steel tip. Removable cap for easy, centered string installation.

Stk.	Mfr.	Size	Price
486900	108	8 oz.	\$15.10
486901	112	12 oz.	\$20.20
486903	116	16 oz.	\$24.50



8" Pencil Compass

General Precision, carpentry compass, made of die-cast, rust-resistant metal. Spring tension adjustment for marking up to 8" dia. and has a scribe guide for edge marking. Use with pencil or slim ballpoint pen.

Includes pencil.

Stk.	Mfr.	Dia.	Price
419630	842	8"	\$7.75



8" Pencil Compass & Scriber

General Brass-plated steel with a full-length hardened steel pin in a metal frame. Positive wing nut adjustment.

Stk.	Mfr.	Dia.	Price
419631	843/1	8"	\$3.64



13" Pencil Compass

Westcott Ball bearing, all-metal nickel-plated compass. Easy grip top for firm control. Scaled in inches and metric on arm. Easily adjusts.

Includes pencil.

Stk.	Mfr.	Dia.	Price
189155	12201	13"	\$2.28



20" Pencil Compass

Bostitch Secure pivot scribe and circle with pencil to create perfect circles. 16" solid fiber-glass rod.

Stk.	Mfr.	Dia.	Price
847820	16-059	20"	\$8.17



Digital Precision Protractor

General Takes guesswork out of measuring, marking, reading and transferring angles. Easy-read display may be inverted.

- Accuracy: 0.1°
- Resolution: 0.05°
- Range: 0° to 180°
- Hold function

Includes 3V battery.

Stk.	Mfr.	Length	Price
419891	1702	6"	\$30.00



ProSite® Steel Protractor

Starrett Replaces the error prone calculation process for perfect miter cuts. The easy-to-use tool has 2 scales. 1 shows the miter joint angle, the second provides the angle to fit a single workpiece to an angle. To use, measure the angle, set the saw to the angle that the arrow points to on the scale, then cut the pieces.

Stk.	Mfr.	Length	Price
875300	505A-12	12"	\$99.00

Tungsten Carbide Point Scribers



General Tungsten carbide tip marks stainless steel, copper, ceramics, glass. Screw chuck for reversing tip when not in use.

Stk.	Mfr.	Length	Price
417660	88	6"	\$7.07
417662	88CM	6" w/Magnet	\$8.63



Pocket Scribes

Starrett Steel tubing handle, knurled and nickel-plated. The scriber point is held firmly on the handle by a knurled chuck and locked inside handle when not in use.

Steel

Stk.	Mfr.	Point	Stock	Price
873670	70A	2-3/8"L	1/4" dia.	\$16.00
873680	70B	2-7/8"L	3/8" dia.	\$19.30

Carbide

Stk.	Mfr.	Point	Stock	Price
873676	70AX	2-3/8"L	1/4" dia.	\$36.70
873688	70BX	2-7/8"L	3/8" dia.	\$39.60

3-Piece Scriber Set



Starrett Scriber points screw into the nickel-plated knurled handle and fit either end.

Includes 3 points: straight, short bent (9"L) & long bent (12"L).

Stk.	Mfr.	Price
873603	67A	\$41.90

Tungsten Carbide Point Scribes



General Tungsten carbide tip marks stainless steel, copper, ceramics, glass. Screw chuck for reversing tip when not in use.

Stk.	Mfr.	Length	Price
417660	88	6"	\$7.07
417662	88CM	6" w/Magnet	\$8.63

Pin Vise



General Nickel-plated swivel head pin vise for holding drills, taps, wire. 0-1/8" capacity.

Includes 2 double end collets.

Stk.	Mfr.	Dia.	Length	Price
417670	92	5/16"	3-11/16"	\$12.60

Marking Gauge



Bora For marking wood prior to sawing, chiseling or cutting. Beechwood gauge with radius bottom edge slides easily on the wood being marked. Thumbscrew adjusts the stem which is marked. Single pin.

Graduations 16ths (1" - 6") & 1mm (0 - 150mm).

Stk.	Mfr.	Length	Price
193605	560019	6"	\$19.90

Single Bar Marking Gauge



General Easily traces the edge of a flat surface for ripping and cutting. The steel bar features an engraved, graduated ruler for making accurate measurements. The needle point scriber easily marks wood, plastic, hardboard and other materials.

Graduations: 16ths.

Stk.	Mfr.	Length	Price
419535	820	6"	\$18.00

CAN'T FIND IT?

Call us at 800-831-5904.



Contour Gauge

General Ideal for any job or hobby where contour duplication is essential.

- Inch graduations
- Stainless steel pins
- Body is painted enamel & brass-plated

• Size: 6" x 3-1/2" (overall travel 5-1/4")

Stk.	Mfr.	Length	Price
419615	837	6"	\$11.20



Center Finder

Robert Larson Locates the exact center in a piece of wood in seconds without calculations. 8" max. for circle, octagon, square and 5-3/4" max. for hexagon.

Stk.	Mfr.	Size	Price
768875	800-2875	9"L x 6"W x 1/2"H	\$4.92

PUNCHES & CHISELS



Automatic Center Punches

Starrett Lightweight aluminum handle, plus 3 diamond knurled bands. No hammer required.

Force of blow is regulated by turning knurled cap. All working parts are tool steel, properly hardened. Steel point may be removed for sharpening. Exclusive self-centering sleeve automatically centers holes for screws through butt hinges and other types of hardware items.

Stk.	Mfr.	Item	Price
875365	818		\$42.50
875368	819	With precision-beveled locating sleeve	\$45.40



Ball Bearing Automatic Center Punch

General Ball-bearing automatic center punch with replaceable solid steel point. 1-hand,

spring-impact operation needs no hammer. Lightweight aluminum-plated body with long wearing alloy steel parts and knurled grip.

Stk.	Mfr.	Dia.	Length	Price
417510	77	5/8"	5"	\$20.40



Jiffy Centering Punch

General For starting screw holes when attaching hinges, hasps and other countersink items.

Nickel-plated steel, knurled body. Bevel tip.

Stk.	Mfr.	Dia.	Length	Price
419412	806	3/8"	2-1/2"	\$4.62



Round Shank Center Punches

Starrett Round shank, fine tool steel, hardened on both ends. Tempered and proportioned with knurled finger grip. Tips accurately centered and ground at proper angle.

Punches

Stk.	Mfr.	Point	Stock	Length	Price
874156	117AA	1/16"	3/16"	3"	\$10.20
874155	117A	5/64"	9/32"	4"	\$10.20
874159	117B	3/32"	19/64"	4"	\$10.20
874164	117C	9/64"	5/16"	4"	\$10.20
874168	117D	5/32"	3/8"	4"	\$10.20

5-Piece Set Includes points of 1/16", 5/64", 3/32", 9/64" & 5/32", plus plastic pouch.

Stk.	Mfr.	Price
874175	S117PC	\$45.40



Economy Finish Center Punches

Mayhew For piercing or marking and starting

drills in metal or other materials. Designed for use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
961675	74000	3/32"	1/4"	4"	\$4.51
961676	74001	5/32"	5/16"	4-1/2"	\$4.72
960885	74002	3/16"	3/8"	5"	\$4.95
960887	74003	5/16"	1/2"	6"	\$6.12



Full Finish Solid Punches

Mayhew Designed to drive out rivets and

to loosen frozen or tight pins and keys. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
960896	20001	1/8"	3/8"	5"	\$5.94
960898	20002	3/16"	7/16"	5-1/2"	\$5.94
960900	20003	1/4"	1/2"	6"	\$6.03
960902	20105	5/16"	1/2"	6"	\$8.28
960904	20301	3/8"	5/8"	6-1/2"	\$11.50



Economy Finish Pin Punches

Mayhew Designed to drive and remove pins

and rivets already loosened by a solid punch. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
960915	71000	1/16"	1/4"	4"	\$4.87
960917	71001	3/32"	5/16"	4-1/2"	\$5.06
960919	71002	1/8"	5/16"	4-3/4"	\$5.22
960921	71003	5/32"	5/16"	5"	\$5.33
960923	71004	3/16"	3/8"	5-1/4"	\$5.50
960927	71005	1/4"	3/8"	5-3/4"	\$5.70
960929	71503	5/16"	1/2"	6"	\$7.88
960931	71504	3/8"	1/2"	6-1/2"	\$7.97



7-Piece Center Punch Set

Starrett Square knurled grip will not roll when laid down. Tool steel hardened and tempered full length. Special tempering process prevents head from fracturing. Tips accurately centered and ground at proper angle. Lengths 2-7/8" to 5".

Includes 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 1/4", plus laminated wood holder.

Stk.	Mfr.	Price
874390	S264WB	\$90.80



5-Piece Drive Pin Punch Set

Starrett Bodies are 4-1/2"L, pin section is 3-1/2"L, overall 8"L. Selected tool steel, well-proportioned, hardened with a knurled grip. Designed to withstand hard use.

Includes 1/8", 3/16", 1/4", 5/16", 3/8" & plastic pouch.

Stk.	Mfr.	Price
874378	S248PC	\$55.90



5-Piece Long Drive Pin Punch Set

General Long-drive punches reach where shorter punches can't. Tool steel, hardened, centerless ground with a knurled grip. 4-1/2"L body with 3-1/2"L pin. Conforms to GGG-P-831E specifications.

Includes 1/8", 3/16", 1/4", 5/16", 3/8" & vinyl case.

Stk.	Mfr.	Price
417501	SPC76	\$37.10



8-Piece Drive Pin Punch

General Ends are ground square for accurate pin driving. Tool steel, uniformly heat-treated, centerless ground with knurled bodies with stand hard use. 4"L. Conforms to GGG-P-831E specifications.

Includes 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & molded case.

Stk.	Mfr.	Price
417500	SPC75	\$39.70



8-Piece Drive Pin Punch Set

Starrett Selected tool steel, well-proportioned, hardened, highly polished and knurled finger grip. 4"L.

Includes 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & wood holder.

Stk.	Mfr.	Price
875310	S565WB	\$69.90



8-Piece Knurled Pin Punch Set

Mayhew Forged from the highest quality alloy steels. Knurled finger grip. Bodies are 4"L. USA made.

Includes 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" & 5/16", plus pouch.

Stk.	Mfr.	Price
528690	62060	\$43.30



10-Piece Full Finish Punch Set

Mayhew Designed to mark metal, drive and remove pins and rivets and align holes in different sections of metal and other material. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Includes 5/32" center punch, 8 pin punches (3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8") & 1/8" solid punch, plastic pouch w/hanging grommet.

Stk.	Mfr.	Price
962494	62005	\$70.40



Punch & Chisel Holder

Proto Reduce risk of injury. This tool holds punches and chisels up to 1" dia., has a nylon insert to absorb shock and a 4-sided handle.

Stk.	Mfr.	Price
909130	2108	\$25.50



Cold Chisels

Mayhew Designed to cut, shape and remove

metal softer than the cutting edge itself, such as cast iron, wrought iron, steel, bronze and copper. Forged by hand from the highest quality alloy steels.

Stk.	Mfr.	Cutting Edge	Stock	Length	Price
959469	70200	1/4"	1/4"	5"	\$4.74
959536	70201	5/16"	1/4"	5"	\$4.95
959603	70202	3/8"	5/16"	5-1/2"	\$5.26
959670	70205	1/2"	7/16"	6"	\$5.94
959737	70209	5/8"	1/2"	6-1/2"	\$6.60
959804	70212	3/4"	5/8"	7"	\$8.76
959871	70216	7/8"	3/4"	7-1/2"	\$10.60
959938	70220	1"	7/8"	8"	\$13.70

6-Piece Includes 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", plus plastic roll.

Stk.	Mfr.	Cutting Edge	Stock	Length	Price
528655	60560				\$48.50

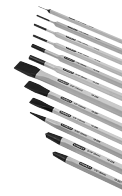


5-Piece Punch & Chisel Set

GEARWRENCH

Includes 1/8", 5/32" & 3/16" pin punches, 1/2" cold chisel & 3/8" center punch.

Stk.	Mfr.	Price
433530	82304	\$16.50



12-Piece Punch & Chisel Set

Stanley 1-piece construction forged for strength. Hardened, quenched & tempered for long life & durability. Powder-coated finish for easy visibility.

Stk.	Mfr.	Price
848438	16-299	\$29.50



Punch & Chisel Sets

Mayhew USA made.

6-Piece Set Includes 1/2" & 5/8" cold chisels, 3/16" center punch, 3/16" pin punch, 3/16" solid punch, plus plastic pouch.

Stk.	Mfr.	Price
528672	61005	\$44.20

14-Piece Set Includes 1/8" line-up punch, 1/8" & 3/16" solid punches, 3/8" center punch, 1/4", 3/8", 1/2", 5/8", 3/4" cold chisels, 3/32", 1/8", 5/32", 3/16" & 1/4" pin punches, plus plastic pouch.

Stk.	Mfr.	Price
528680	61044	\$95.10

24-Piece Set Includes 1/4" cape chisel, 5/16" prick punch, 3/8" & 1/2" center punches, 1/4" diamond point chisel, 1/4" half round nose chisel, 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" cold chisels, 3/32", 1/8", 5/32", 3/16", 1/4" & 5/16" solid punches, 3/32", 1/8", 5/32", 3/16", 1/4" & 5/16" pin punches, plus plastic pouch.

Stk.	Mfr.	Price
528681	61050	\$178.00

AUGER BITS & SETS



Hand Brace Solid Center Auger Bits

Irwin Has double spurs and cutters plus balanced head with medium-fast screw pitch. Open throat design gives quick clearance of chips to prevent clogging and binding. Made from special-grade tool steel with highly polished finish, heat-treated and tempered for long life. Taper square shank.

Stk.	Mfr.	Size	Length	Price
484000	43604	1/4"	7-1/2"	\$14.30
484134	43606	3/8"	8"	\$14.30
484201	43607	7/16"	8"	\$14.30
484268	43608	1/2"	8"	\$14.30
484335	43609	9/16"	8-1/2"	\$14.60
484402	43610	5/8"	8-1/2"	\$15.00
484536	43612	3/4"	9"	\$16.00
484670	43614	7/8"	9"	\$17.50
484737	43615	15/16"	9-1/2"	\$18.30
484804	43616	1"	9-1/2"	\$18.90

13-Piece Set Bits from 1/4" to 1" by 1/6ths in vinyl roll w/hang grommets.

Stk.	Mfr.	Size	Length	Price
485005	43697			\$198.00



Solid Center Auger Bits

Irwin For use in electric drills and hand braces. Heat-treated full length for added strength. Coarse screw point for fast boring in all types of wood.

Stk.	Mfr.	Size	Shank	Length	Price
484010	49904	1/4"	3/8"	7-1/2"	\$14.40
484012	49906	3/8"	3/8"	7-1/2"	\$14.50
484014	49908	1/2"	3/8"	7-1/2"	\$14.60
484016	49910	5/8"	3/8"	7-1/2"	\$14.60
484018	49912	3/4"	3/8"	7-1/2"	\$15.70
484020	49914	7/8"	3/8"	7-1/2"	\$17.10
484022	49916	1"	3/8"	7-1/2"	\$18.50

6-Piece Set Includes 1/4", 3/8", 1/2", 5/8", 3/4" & 1", plus vinyl holder.

Stk.	Mfr.	Size	Shank	Length	Price
484034	49998				\$88.40

13-Piece Set Includes 1/4" to 1" by 1/6ths, plus holder.

Stk.	Mfr.	Size	Shank	Length	Price
485275	90076				\$196.00



Bell Hanger Bit

Vermont American Heat-treated and tempered for long life. Wide flute design allows for fast, clean boring in wood and plaster. Hole in flute head for pulling wires. Used for drilling lamp columns for cord or pipe nipple to hold socket.

Stk.	Mfr.	Size	Length	Price
261922	13323	3/8"	18"	\$14.20



Expansive Bit

Irwin Drill 35 different diameter holes with one adjustable cutting blade. Strong, 1-piece forged bit has lockhead screw to secure desired boring size. 2 cutters from 7/8" to 3" (35 hole sizes in 1/8" increments).

Stk.	Mfr.	Length	Price
483371	44202	8-1/2"	\$41.60

WOOD CHISELS



5-Piece Carving Tool Set

General Half-round palm style handles are made of hardwood. Blades are hand-forged tool steel.

Includes honing stone & plastic case, plus: 5/16" bent large gouge, 5/16" straight skew chisel, 5/32" straight small gouge, 5/16" bent square chisel & 5/32" bent V-parting tool.

Stk.	Mfr.	Blade	Handle	Price
419890	1293	2-1/2"L	2-1/4"L	\$56.50



Basic Carving Tool Set

Buck Carving tools are forged from quality tool steel with hand-ground surfaces and sharpened edges. Sturdy plastic handles are designed to fit comfortably in the hand.

Includes 1/2" straight gouge, 1/2" firmer chisel, 1/4" straight gouge, 1/4" corner chisel, 1/4" front bent chisel & 1/4" V-parting tool.

Stk.	Mfr.	Blade	Handle	Price
281005	306	3"L	3"L	\$33.40



6-Piece Carving Tool Set

X-Acto Heavy-duty carving tools made of forged steel with hardwood handles. Features all of the tools needed for three dimensional carving, deep relief cutting, groove cutting and initial shaping of wood, linoleum and other tough materials. Designed to allow you to make the careful and detailed cuts you need time and time again.

Includes straight chisel, bent chisel, skew bevel chisel, bent gouge, u-tool & veining tool.

Stk.	Mfr.	Price
477070	X5179	\$36.40



12-Piece Carving Tool Set

Steelex Set features beech wood handles with steel ferrules.

Includes leather roll-up pouch, plus 6 mm (straight, spoon, beading, right skew, V-groove, round nose & double skew), 8 mm gouge, 10 mm V-tool & gouge, 12 mm straight & 14 mm gouge.

Stk.	Mfr.	Blade	Handle	Price
785621	D2227	3/14"L	3-5/8"L	\$58.80



Superpro Wood Chisels

Great Neck Blade barrel and shank are forged from 1 piece of high carbon tool steel. 2 zone heat treatment and temper. 3" blade length with beveled edges. Steel cap to absorb hammer blows. Plastic handles. USA made.

Stk.	Mfr.	Width	Price
280970	1041	1/4"	\$11.60
280972	1042	3/8"	\$11.60
280974	1043	1/2"	\$12.60
280976	1044	5/8"	\$12.80
280978	1045	3/4"	\$12.80
280980	1046	1"	\$13.30
280982	1047	1-1/4"	\$14.50
280984	1048	1-1/2"	\$16.00
280986	1049	2"	\$17.50

Professional Wood Chisels



Great Neck Professional quality 1-piece drop-forged steel chisel. Polished 3" blade ground and honed to extreme sharpness. Full bodied impact resistant handle. USA made.

Stk.	Mfr.	Width	Price
281140	9101C	1/4"	\$9.45
281141	9103C	1/2"	\$9.79
281142	9105C	3/4"	\$9.90
281143	9106C	1"	\$10.40
281144	9107C	1-1/4"	\$11.10
281145	9108C	1-1/2"	\$12.10

3-Piece Set Includes 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
281147	903		\$22.10

4-Piece Set Includes 1/4", 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
281146	904		\$27.70

Wood Chisels



Stanley Hardened and tempered chrome carbon steel blade is precision ground and edge honed. Ergonomically designed impact resistant handle made of polypropylene and TPR. Hang tag stores and protects tool.

Stk.	Mfr.	Width	Price
848440	16-304	1/4"	\$9.87
848441	16-308	1/2"	\$11.10
848442	16-312	3/4"	\$11.80
848443	16-316	1"	\$13.00
848444	16-320	1-1/4"	\$14.20
848445	16-324	1-1/2"	\$15.40

3-Piece Set Includes 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
848446	16-300		\$31.50

FatMax® Wood Chisels



Stanley Hardened and tempered high-chrome carbon alloy steel blade for edge retention. Precision-ground blade accurately sized and etched with blade size. Ergonomic, bi-material grip handle is break resistant. Steel striking cap for use with steel-headed hammer.

Stk.	Mfr.	Width	Price
849202	16-973	1/4"	\$14.10
849203	16-974	3/8"	\$14.10
849204	16-975	1/2"	\$14.10
849205	16-976	5/8"	\$14.60
849206	16-977	3/4"	\$14.60
849207	16-978	1"	\$14.90
849208	16-979	1-1/4"	\$17.00
849209	16-980	1-1/2"	\$17.90
849210	16-981	2"	\$23.90

3-Piece Set Includes 1/2, 3/4", 1".

Stk.	Mfr.	Width	Price
849200	16-970		\$35.80

6-Piece Set Includes 1/4", 1/2", 3/4", 1", 1-1/4", 1-1/2".

Stk.	Mfr.	Width	Price
849201	16-971		\$83.70

Marples Blue Chip Chisels



Irwin High-carbon, solid-forged steel blades provide maximum edge retention. Longer blades and handles for increased leverage. Slightly squared polypropylene handles are designed for hand or mallet work.

Stk.	Mfr.	Width	Price
619606	M444/-1/4N	1/4"	\$9.27
619607	M444/-3/8N	3/8"	\$9.48
619608	M444/-1/2N	1/2"	\$9.98
619609	M444/-5/8N	5/8"	\$10.40
619610	M444/-3/4N	3/4"	\$11.20
619611	M444/1N	1"	\$12.30
619612	M444/1-1/4N	1-1/4"	\$13.40
619613	M444/1-1/2N	1-1/2"	\$14.70
619616	M444/2N	2"	\$19.70

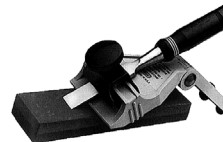
4-Piece Set Includes 1/4", 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
619617	M444/S4N		\$38.70

6-Piece Set Includes 1/4", 3/8", 1/2", 5/8", 3/4", 1", plus case.

Stk.	Mfr.	Width	Price
619614	M444/SB6N		\$72.10

Chisel/Plane Blade Sharpening Kit

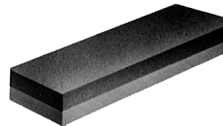


General Keeps chisel and plane blades razor sharp. Graduated settings maintain 30° cutting angle on chisel or plane blade. Spring clamp locks in blades up to 2-5/8"W. Made of high-impact fiberglass-reinforced LEXAN®. Folds for storage.

Requires stone & oil, sold separately.

Stk.	Mfr.	Price
419460	809	\$29.00

India Oil Stones



NORTON Aluminum oxide stone for producing sharp edges on chisels, edge tools and plane blades, plus for cleaning, deburring. Coarse/fine combination bench stone.

Stk.	Mfr.	Size	Price
608787	85560	2" x 1" x 6"	\$24.40
608854	85565	2" x 1" x 8"	\$28.90

Sharpening Stone Oil



NORTON For use with all sharpening stones to help reduce particle build-up on the stone surface.

Stk.	Mfr.	Size	Price
609457	87760	4-1/2 oz.	\$6.94
609524	87775	1 qt.	\$19.50

We're experts when it comes to setting up your classroom, shop & lab.
Call us at 800-831-5904.

PLANES



No. 4 Smooth Bench Plane

Stanley Gray cast iron base with precision ground side and bottom. Durable epoxy coating. Hardened, tempered and precision-ground tool steel cutter for cutting edge durability. Fully-machined and polished double iron cutter and lever. Frog seat is machined for precise

mouth adjustment. Precise shaving control provided by exact depth and lateral cutter adjustment. Solid brass cutter adjustment knob. Quick-release cam-lock for easy iron removal. Kidney-shaped hole in lever cap prevents accidental cutter slips. Contoured and polished high-impact polymer handles and knobs.

Stk.	Mfr.	Length	Cutter Width	Price
846119	12-204	9-3/4"	2"	\$59.10



Bailey® No. 4 Smooth Bench Plane

Stanley Gray cast iron base with precision-ground side and bottom. Durable epoxy coating. Hardened, tempered and precision-ground tool steel cutter for cutting edge durability. Fully-machined and polished double iron cutter and lever. Frog seat is machined

for precise mouth adjustment. Precise shaving control provided by exact depth and lateral cutter adjustment. Solid brass cutter adjustment knob. Quick-release cam-lock for easy iron removal. Kidney-shaped hole in lever cap prevents accidental cutter slips. Contoured and polished high-impact polymer handles and knobs.

Stk.	Mfr.	Length	Cutter Width	Price
845489	12-904	9-3/4"	2"	\$80.80

Bailey® No. 5 Bench Plane

Stanley Gray cast iron base with precision-ground side and bottom. Durable epoxy coating. Hardened, tempered and precision-ground tool steel cutter for cutting edge durability. Fully-machined and polished double iron cutter and lever. Precisely-machined

mouth adjusting frog seat. Precise shaving control provided by exact depth and lateral cutter adjustment. Solid brass cutter adjustment knob. Quick-release cam-lock for easy iron removal. Kidney shaped hole in lever cap prevents accidental slippage of cutter. Contoured and polished high impact polymer handles and knobs.

Stk.	Mfr.	Length	Cutter Width	Price
845556	12-905	14"	2"	\$97.70

Block Plane



Stanley Gray cast iron base with bottom machined and true. Durable epoxy coating for long lasting protection. Cast-in finger rest at front of plane for comfort. Hardened and tempered tool steel cutter for cutting edge durability. Cutter rests at a 21° angle, ideal for

cross grain planing. Cutter is fully adjustable for depth of cut and lateral adjustment.

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
846140	12-220	7"	1-5/8"	21°	\$35.50



Bailey® Block Planes

Stanley Gray cast iron base with precision ground side and bottom. Durable epoxy coating for long lasting protection. Hardened, tempered and precision ground tool steel cutter for cutting edge durability. Exact depth and lateral cutter adjustment for precise shaving. Quick

release cam-lock for easy blade removal. Machined finger grips in sides provide for easy single-handed use. Fully adjustable cutter resting at 21° angle. 13-1/2" low angle cutter ensures that vibration is kept to a minimum for a fine finish. Ideal for planing end grain and plastic materials.

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
845740	12-920	6-1/4"	1-5/8"	21°	\$60.00

Low Angle

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
845824	12-960	6"	1-3/8"	13-1/2°	\$57.10

Bullnose Rabbet Plane

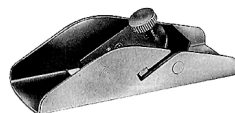


Stanley One piece cast iron body and handle with accurately machined working surfaces. This plane has 2 cutter positions: the rear position for regular work and the forward position for bull nose work. Rear cutter has precise depth adjustment.

Includes spur, removable depth gauge & adjustable fence.

Stk.	Mfr.	Length	Cutter Width	Price
845891	12-978	10"	1-1/2"	\$88.60

Small Trimming Plane



Stanley Small, light plane for modeling, sculpture, odds and ends of light work. Sides and trimmings are durable nickel finish.

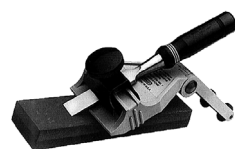
Stk.	Mfr.	Length	Cutter Width	Price
845970	12-101	3-1/2"	1"	\$11.50

Block Plane Iron Replacement Cutters

Stanley Replacement plane irons are made from hardened and tempered high carbon chrome steel which have excellent edge retention and characteristics and allows a razor sharp edge to be honed. Cutter is ground to give a flat surface that is easier to sharpen. Irons are supplied with an accurate ground edge of 25°.

Stk.	Mfr.	Cutter Width	Fits	Price
846564	12-504	1-3/8"	G12-060	\$12.90
846634	12-508	1-5/8"	12-920, 12-253, 12-247 & 12-252	\$12.50
846435	12-331	1-5/8"	9-1/2, 9-1/4, 118, 220, 12-019, 12-020, 12-118 & 12-220	\$12.90
846162	12-313	2"	4, 1204, 5, 1205, 12-005, 12-004, 12-204, 12-205, 12-904, 12-905, G12-204, G12-205, G12-004 & G12-005	\$19.20

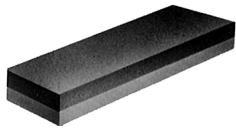
Chisel/Plane Blade Sharpening Kit



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FILES

Super Shear® Files



Nicholson Double purpose milled curved tooth file for fast cutting. Smooths as it roughs.

Stk.	Mfr.	Length	Price
779610	21016N	8"	\$26.10
779611	21067N	10"	\$31.60

Flat Aluminum Type "A" Files



Nicholson Special tooth construction eliminates clogging when filing aluminum. Smooth finishes obtained by using shearing cut towards left. Double cut.

Stk.	Mfr.	Length	Price
778737	00047N	10"	\$16.60
778804	00070N	12"	\$23.00

Flat Files



Nicholson Used for rapid removal of metal. Double cut.

Bastard Cut

Stk.	Mfr.	Length	Price
778871	03467N	6"	\$8.87
778938	03566N	8"	\$11.10
779005	03665N	10"	\$13.10
779072	03764N	12"	\$17.00

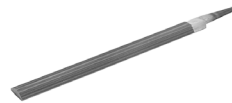
Second Cut

Stk.	Mfr.	Length	Price
779139	03500N	6"	\$9.40
779206	03599N	8"	\$11.60
779273	03698N	10"	\$15.00
779340	03797N	12"	\$19.20

Smooth Cut

Stk.	Mfr.	Length	Price
779407	03533N	6"	\$11.20
779474	03632N	8"	\$12.40
779541	03731N	10"	\$16.60
779608	03830N	12"	\$21.30
779609	03929N	14"	\$29.50

Half Round Files



Nicholson Rounded on 1 side, flat on the other. Can be used on concave and convex as well as flat surfaces. Double cut.

Bastard Cut

Stk.	Mfr.	Length	Price
780211	04795NND	6"	\$12.70
780278	04896NN	8"	\$15.40
780345	04995N	10"	\$18.30
780412	05094N	12"	\$23.50

Second Cut

Stk.	Mfr.	Length	Price
780479	04828NN	6"	\$13.70
780546	04927NN	8"	\$16.10
780613	05026N	10"	\$19.80
780680	05125N	12"	\$25.50

Smooth Cut

Stk.	Mfr.	Length	Price
780747	04861NN	6"	\$14.20
780814	04960NN	8"	\$16.40
780881	05059N	10"	\$20.80
780948	05158N	12"	\$26.80

Hand Files



Nicholson Double cut.

Bastard Cut

Stk.	Mfr.	Length	Price
779952	05738N	6"	\$9.82
779955	05853N	8"	\$11.00
779963	05968N	10"	\$14.60
779966	06084N	12"	\$19.60

Second Cut

Stk.	Mfr.	Length	Price
779964	06001NN	10"	\$16.10

Smooth Cut

Stk.	Mfr.	Length	Price
779965	06034N	10"	\$17.40

Mill Files



Nicholson For sharpening mill or circular saws. Also for draw-filing and finishing metals. Single cut.

Bastard Cut

Stk.	Mfr.	Length	Price
781417	08354N	6"	\$6.01
781484	08497N	8"	\$7.22
781551	08642N	10"	\$9.27
781618	08737N	12"	\$14.50

Second Cut

Stk.	Mfr.	Length	Price
781685	08385N	6"	\$8.74
781752	08529N	8"	\$9.79
781819	08673N	10"	\$12.00
781886	08768N	12"	\$15.80

Smooth Cut

Stk.	Mfr.	Length	Price
781953	08416N	6"	\$9.27
782020	08560N	8"	\$11.00
782087	08704N	10"	\$12.80
782154	08799N	12"	\$16.50

Round Files

Nicholson Used to file circular openings or concave surfaces. Slightly tapered towards the point. Single cut.

Bastard Cut

Stk.	Mfr.	Length	Price
782355	11716N	6"	\$6.71
782422	11904	8"	\$8.12
782489	12019	10"	\$10.50
782556	12134	12"	\$13.90

Second Cut

Stk.	Mfr.	Length	Price
782623	11748N	6"	\$7.66
782690	11936	8"	\$9.40
782757	12051	10"	\$11.80
782824	12166	12"	\$15.90

Smooth Cut

Stk.	Mfr.	Length	Price
782891	11781N	6"	\$8.36
782958	11969	8"	\$10.50
783025	12084	10"	\$13.10
783092	12199	12"	\$16.50

Square Files

Nicholson Used for filing slots, keyways and general surface filing. Tapered slightly towards the point. Double cut.

Bastard Cut

Stk.	Mfr.	Length	Price
783159	12967	6"	\$9.79
783226	13081	8"	\$11.60
783293	13196	10"	\$14.70
783360	13310	12"	\$19.80

Second Cut

Stk.	Mfr.	Length	Price
783427	13000N	6"	\$11.10
783494	13114	8"	\$12.60
783561	13229	10"	\$16.10
783628	13343	12"	\$22.30

Smooth Cut

Stk.	Mfr.	Length	Price
783695	13033	6"	\$11.60
783762	13147	8"	\$14.00
783829	13262	10"	\$17.40
783896	13376	12"	\$24.40

Long Angle Lathe Files

Nicholson For rapid, free cutting of lathe filing. Single cut.

Stk.	Mfr.	Length	Price
782221	07657N	10"	\$16.40
782288	07688N	12"	\$22.10

Tungsten Point File

Nicholson For cleaning distributor points, spark plugs, contact points of magnetos, switches, electric bells, etc. Made w/chisel tip for entering gaps and slots. Single cut.

Stk.	Mfr.	Length	Price
784231	02373N	5"	\$6.45

Half Round Wood File

Nicholson Has coarse teeth for use on wood. Double cut.

Stk.	Mfr.	Length	Price
312829	17505N	10"	\$18.50

Hand File

Nicholson This file has a single cut on 1 side for sharpening edged tools and smoothing metal surfaces. The other side has a double cut for rapid removal of metal.

Stk.	Mfr.	Length	Price
784234	06602N	8"	\$12.60

Magicut Files

Nicholson For rapid removal of stock, leaves a smooth finish.

Stk.	Mfr.	Length	Price
781380	07894N	8"	\$11.60
781382	07917N	10"	\$15.00
781384	07941N	12"	\$19.10

Cabinet Rasps

Nicholson Second cut cabinet rasps for cabinetmakers and woodworkers. The curved side of these rasps is similar to that of half round rasps but has a larger radius. Single cut on edges.

Stk.	Mfr.	Length	Price
778451	17615N	8"	\$22.70
778454	17683N	10"	\$24.80
778456	17751N	12"	\$31.80

4-in-Hand File (Shoe Rasp)

Nicholson A file section and rasp section on the flat side and a file section and rasp section on the half round side.

Stk.	Mfr.	Length	Price
779960	18924N	8"	\$13.10
779962	18962N	10"	\$16.60

Wood Rasps

Nicholson Design and shape makes them particularly effective in the shaping of wood.

Flat

Stk.	Mfr.	Length	Price
779943	19136N	10"	\$19.40

Half Round Bastard

Stk.	Mfr.	Length	Price
781216	19394N	8"	\$16.10
781283	19427N	10"	\$19.70
781350	19460N	12"	\$30.40

Round Bastard

Stk.	Mfr.	Length	Price
783115	19846	8"	\$16.50
783117	19875	10"	\$24.60

3-Square Files

Nicholson Triangular with 60° angles, tapered to a point.

Bastard Cut

Stk.	Mfr.	Length	Price
784180	15925N	6"	\$11.20
784188	16036N	8"	\$13.40
784196	16147N	10"	\$15.90

Second Cut

Stk.	Mfr.	Length	Price
784182	15958N	6"	\$12.60
784190	16069N	8"	\$15.30
784198	16180N	10"	\$17.30



6-Piece Mini File Set

Nicholson Miniature files are fine cut for intricate work. **Includes** vinyl case.

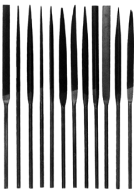
Stk.	Mfr.	Length	Price
784235	42030	5-1/2"	\$39.00



12-Piece Round Handle Needle File Set

Nicholson Standard needle files, #0 cut. **Includes** vinyl case.

Stk.	Mfr.	Length	Price
785370	37755	6-1/4"	\$199.00



12-Piece Swiss Pattern Needle File Set

General Swiss pattern needle file set. Precision designed, made of the finest tool steel, for intricate work. For die makers, instrument makers, jewelers, watchmakers and crafters. #2 cut.

Includes snap button plastic case.

Stk.	Mfr.	Length	Price
418785	S475	5-1/2"	\$26.50



8-Piece Machinist File Set

Nicholson

Includes rugged pouch, plus 10" mill bastard file, 10" half round bastard file, 10" flat bastard file, 10" square bastard file, 10" round bastard file, 10" flat smooth file, 10" file cleaner (card) & 7" slim taper file.

Stk.	Mfr.	Price
312851	22025NN	\$112.00



9-Piece Maintenance File Set

Nicholson

Includes rugged pouch, plus 6" slim taper file, 8" four-in-hand file, 8" flat smooth file, 8" half md. bstrd. file, 10" flat bastard file, 10" flat smooth file, 10" mill bastard file, 10" half md. bstrd. file, 10" round bastard file.

Stk.	Mfr.	Price
312852	22030NN	\$122.00



General Purpose File Sets

Nicholson

5-Piece Includes rugged pouch, plus 10" mill bastard file, 8" mill bastard file, 8" mill smooth file, 10" half md. bstrd. file, 6" slim taper file.

Stk.	Mfr.	Price
312854	22040NN	\$52.10

6-Piece Includes rugged pouch, plus 10" flat bastard file, 10" flat smooth file, 10" mill bastard file, 10" half md. bstrd. file, 10" round bastard file, 8" four-in-hand file, 8" flat smooth file, 8" half md. bstrd. file, 6" slim taper file.

Stk.	Mfr.	Price
543840	MWF-1	\$81.00



5-Piece File Set

Stanley Ideal for most sharpening and material removal needs. For filing flat, round and less than 90° angles. Interchangeable bi-material handle.

Includes 8" mill bastard file, 6" round file, 6" slim taper file, 8" 4-in-1 file & 1 handle.

Stk.	Mfr.	Price
851285	22-314	\$22.30



6-Piece Welders File Set w/Brush

Nicholson Cuts steel, wood, plastic, leather and rubber.

Includes wire brush, two 12" half round bastard files, two 10" mill bastard files & 12" flat bastard file.

Stk.	Mfr.	Price
543844	MWF-2	\$83.00



Skroo-Zon® File Handles

Lutz Screw-on type handle of white birch with a heavy steel gauge ferrule. The file screws onto a hardened steel insert inside the handle that cuts a thread on the file tang.

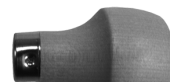
Stk.	Mfr.	Type	Length	Dia.	Price
511275	24	T4 (6" files)	4"	1-1/8"	\$3.10
511276	25	T5 (8" files)	4-1/2"	1-1/4"	\$3.65
511277	26	T6 (10" files)	4-1/2"	1-1/4"	\$3.65
511278	27	T7 (12" files)	5"	1-3/8"	\$3.96
511280	28	T8 (14" files)	5"	1-3/8"	\$3.96
511003	29	T9 (rasps)	3-7/8"	1-1/2"	\$4.47



Short Ferrule File Handle

Lutz Hardwood handle with nickel-plated steel ferrule.

Stk.	Mfr.	Type	Length	Dia.	Bore	Depth	Price
511000	01	01 (3" - 4" files)	3-1/2"	13/16"	5/32"	1-1/4"	\$1.35
511067	02	02 (4" - 6" files)	4"	15/16"	3/16"	1-5/8"	\$1.49
511134	03	03 (6" - 8" files)	4-1/4"	1-3/64"	7/32"	2"	\$1.64
511201	04	04 (8" - 10" files)	4-3/4"	1-1/8"	9/32"	2-1/4"	\$1.71
511202	05	05 (10" - 14" files)	5"	1-1/4"	3/8"	2-1/2"	\$1.88



Comfort Grip File Handle

Lutz Ergonomic handle provides comfort and reduces fatigue. Natural fit in hand is ideal for detail work. Flat side for enhanced control with no twist.

Short length works in confined areas. New England hardwood with metal ferrule.

Stk.	Mfr.	Type	Length	Dia.	Bore	Depth	Price
511285	CG-125	For small files	2-1/4"	1-3/8"	1/8"	3/4"	\$1.73



Metal Ferruled Wooden File Handle

Nicholson Seasoned white birch handle with shellac finish and metal ferrule.

Stk.	Mfr.	Type	Length	Price
785570	21471N	00	5-3/4"	\$4.79
785575	21476N	0	5-1/4"	\$3.66
785580	21485N	1	4-7/8"	\$3.02
785585	21494N	2	4-1/2"	\$2.70
785590	21503N	3	4-1/8"	\$2.56
785595	21511N	4	3-3/4"	\$2.28



No. 20 File Card & Brush

Lutz General cleaning file card with brush for finer cut files, drill bits and saws.

Stk.	Mfr.	Price
511268	20	\$16.20



No. 10 File Cleaner

Lutz Sharp steel bristles dig and quickly remove filings from file grooves. For machinists, mechanics, etc. for cutting, cleaning and roughing.

Stk.	Mfr.	Price
511002	10	\$8.47



File & Rasp Cleaner

Nicholson General cleaning file card.

Stk.	Mfr.	Price
312850	21458	\$13.90



File Card & Brush

Nicholson General cleaning file card and brush for finer cut files.

Stk.	Mfr.	Price
312855	21467	\$18.60

SHAVERS & SURFORM TOOLS



Spoke Shave

Stanley Spoke shave with adjustable cutter.

Stk.	Mfr.	Length	Width	Price
846092	12-951	10"	2-1/8"	\$28.60



Surform Shaver

Stanley One-handed tool works on a pull stroke, giving close positive control and will not "chatter". One-piece molded handle.

Includes 2 regular clip-on type cutting blades.

Stk.	Mfr.	Length	Width	Price
850620	21-115	7-1/4"	1-5/8"	\$5.02

Regular Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
851270	21-515	2-1/2"	1-5/8"	\$3.63



Surform Pocket Plane

Stanley A speed cutting and trimming tool. Die-cast zinc alloy body.

Includes fine cut flat blade.

Stk.	Mfr.	Length	Width	Price
851251	21-399	5-1/2"	1-5/8"	\$8.63

Fine Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
851184	21-398	5-1/2"	1-5/8"	\$5.43



Surform Round File

Stanley Fast for enlarging holes, forming and shaping decorative cuts, etc. Yellow molded handle.

Includes regular cut round hardened steel blade.

Stk.	Mfr.	Length	Width	Price
850983	21-297	14-1/4"	5/8" dia.	\$14.80

Regular Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
850715	21-291	10"	5/8" dia.	\$9.04



Surform File

Stanley Metal alloy body with yellow molded handle. High-impact polymer handle holds up to heavy use.

Includes regular cut flat blade.

Stk.	Mfr.	Item	Length	Width	Price
850849	21-295	Flat, Regular Cut	17-3/8"	1-5/8"	\$15.80



Surform Plane

Stanley Metal alloy body with yellow molded handle.

Includes regular cut flat blade.

Stk.	Mfr.	Item	Length	Width	Price
850916	21-296	Plane, Regular Cut	12-1/2"	1-5/8"	\$17.90

Surform Replacement Blades

Stanley Fits Mfr.'s 21-295, 21-296.

Stk.	Mfr.	Item	Length	Width	Price
850782	21-293	Flat, Standard Cut	10"	1-5/8"	\$6.31
851050	21-299	Half Round, Regular Cut	10"	1-1/2"	\$6.40

SAWS



General Purpose Hacksaw Frame

Nicholson Instantly adjusts for 10" or 12" blades and 90° for vertical or horizontal cuts. Handle has 2 locating pegs for either vertical or horizontal flush cutting.

Includes 10" high-carbon steel blade.

Stk.	Mfr.	Blade	Price
314687	80951	10" or 12"L	\$12.00



High-tension Tubular Hacksaw Frame

Master Mechanic Frame accepts 400 lbs. or 30,000 psi of tension. Blade can be used at 45° or 90°. Heavy die-cast handle.

Includes 12" high-carbon steel blade.

Stk.	Mfr.	Blade	Price
942835	245	12"L	\$13.10



5-in-1 Hacksaw Frame

DEWALT Allows 45° & 90° blade angles for standard and flush cuts. Low-profile, high-tension frame secures blade up to 330 lbs. Front

handle becomes a jab saw for long reach or cutting in tight spaces. Ergo comfort grip.

Includes 2 blades (6" reciprocating & 12" hacksaw).

Stk.	Mfr.	Blade	Price
243410	DWHT20547	6" or 12"L	\$30.90



High-tension Low-profile Hacksaw Frame

Stanley High-tension, low-profile hacksaw allows cutting in tight, hard-to-reach areas.

Includes 12" high-carbon steel blade.

Stk.	Mfr.	Blade	Price
850591	20-001	12"L	\$28.40



High-tension Hacksaw Frame

Nicholson Solid front end for firm grip, handy blade storage in frame, 3-position blade mount, flush cutting capability, permanently mounted pins and closed grip for finger protection with enough room for work gloves.

Includes 12" molybdenum alloy steel edge, high-carbon steel backing blade.

Stk.	Mfr.	Blade	Price
307335	80965	12"L	\$30.60



Rigid Steel Rubber Grip Hacksaw Frame

Stanley Rigid steel frame with molded-cushion, rubber-grip, D-shaped handle. Frame adjusts for 8", 10" and 12" blades. Blade can be faced in 4 directions. 3-7/8" throat depth.

Includes 10" standard carbon steel blade.

Stk.	Mfr.	Blade	Price
847215	15-265	8", 10" or 12"L	\$17.00



Contractor Grade High-tension Hacksaw Frame

Stanley Rugged design for heavy-duty use. Fully-adjustable tension holds blade at up to 32,000 psi to provide longer blade life and fast, accurate cuts. Blade storage in frame. Quick-release blade changing mechanism in handle maintains tension setting. Tension guide on handle lever. Blade extended out nose of frame can be locked into place for tight corners work.

Includes 12" bi-metal blade.

Stk.	Mfr.	Blade	Price
846908	15-113	12"L	\$33.30



Contractor Grade Mini Hack Utility Hacksaw Frame

Stanley Cuts metal in hard-to-reach spots. Durable cast aluminum construction.

Includes 10" high-performance bi-metal blade, 24 tooth.

Stk.	Mfr.	Blade	Price
847800	15-809	10"L	\$8.01



Multi-purpose Saw

DEWALT Cuts metal and wood in hard-to-reach spots. Works with most reciprocating and hacksaw blades. Quick, easy blade changes

Includes two 8 tpi blades (6" reciprocating & 12" hacksaw).

Stk.	Mfr.	Blade	Price
243414	DWHT20542	6" or 12"L	\$15.20



Bi-metal HSS Blade

MORSE Super-sharp, high-speed steel cutting edge and electron beam welded to a flexible alloy back. For straight cuts and long life in high-tension frames with great safety.

Quantity Savings!									
Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price	10 or more	
543165	HHB1018	10"	1/2"	.025"	18	1	\$2.26	\$1.92	
543166	HHB1024	10"	1/2"	.025"	24	1	\$2.26	\$1.92	
543167	HHB1032	10"	1/2"	.025"	32	1	\$2.26	\$1.92	
543168	HHB1218	12"	1/2"	.025"	18	1	\$2.44	\$2.07	
543169	HHB1224	12"	1/2"	.025"	24	1	\$2.44	\$2.07	
543170	HHB1232	12"	1/2"	.025"	32	1	\$2.44	\$2.07	



Safe-Flex HSS Blade

Starrett Cut faster w/Bi-Metal Unique® ground teeth. Reduced blade fracture & breakage.

Quantity Savings!									
Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price	10 or more	
876620	BS1018	10"	1/2"	.025"	18	1	\$1.66	\$1.42	
876621	BS1024	10"	1/2"	.025"	24	1	\$1.66	\$1.42	
876619	BS1032	10"	1/2"	.025"	32	1	\$1.66	\$1.42	
876622	BS1218	12"	1/2"	.025"	18	1	\$1.66	\$1.42	
876623	BS1224	12"	1/2"	.025"	24	1	\$1.66	\$1.42	
876624	BS1232	12"	1/2"	.025"	32	1	\$1.66	\$1.42	

High-carbon Steel Blade

Vermont American High-carbon steel blades for general-purpose cutting of most metals.

Quantity Savings!									
Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price	10 or more	
261930	48212	10"	1/2"	.025"	24	1	\$0.72	\$0.61	
261931	48216	12"	1/2"	.025"	18	1	\$0.80	\$0.68	
261932	48217	12"	1/2"	.025"	24	1	\$0.80	\$0.68	
261933	48218	12"	1/2"	.025"	32	1	\$0.80	\$0.68	

Bi-Metal Hacksaw Blades

Stanley Combines flexibility of carbon steel backs with cutting performance of a high-speed steel cutting edge. Cuts most metals including unhardened tool steel and stainless-steel.

Stk.	Mfr.	Length	TPI	Qty.	Price
850606	20-067	10"	18, (2) 24, 32	4	\$6.77
850607	20-069	12"	18, (2) 24, 32	4	\$6.96

Bow Saw

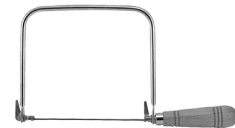


Great Neck Tubular steel frame with action-blade tightener release. Chrome-alloy, extra-hard steel bow saw blades.

Includes chrome-alloy blade.

Stk.	Mfr.	Blade	Price
281161	BB21	21"L	\$8.89

Coping Saw



Craftsman Heavy-duty steel frame, hardwood handle. Blade adjusts 360° to saw in any direction. 20 TPI fine cut blade.

Stk.	Mfr.	Blade	Throat	Price
305740	36251	6-1/2"L	6"	\$11.20

Coping Saws



Stanley Coping saws with blades of high-carbon steel, hardened and tempered. Walnut stained hardwood handles.

Stk.	Mfr.	Blade	Throat	Price
846892	15-104	6-1/2"L	4-3/4"	\$7.50
846896	15-106	6-1/2"L	6-3/4"	\$7.89



4-1/2" Coping Saw

Nicholson Coping saws with spring steel rounded edge frames and adjustable angle blade. Wood handle.

Stk.	Mfr.	Blade	Throat	Price
308660	80170	6-1/2"L	4-1/2"	\$11.60



6" Coping Saw

Great Neck Coping saw with hardwood handle.

Stk.	Mfr.	Blade	Throat	Price
281151	28	6-1/2"L	6"	\$9.34

Coping Saw Blades

Olson For precise sawing of wood, plastic, copper and other soft metals. Made from the finest hardened and tempered spring or high-carbon steel with precision punched or milled teeth for accurate sawing, smooth finishes and longer life.

Fine

Stk.	Mfr.	Length	TPI	Qty.	Price
613761	30300	6-1/2"	20	4	\$2.51
613752	CP303DZ	6-1/2"	20	12	\$6.19

Medium

Stk.	Mfr.	Length	TPI	Qty.	Price
613762	30400	6-1/2"	15	4	\$2.51
613753	CP304DZ	6-1/2"	15	12	\$6.19
613867	CP304-80	6-1/2"	15	80	\$23.40
613865	CP304GR	6-1/2"	15	144	\$42.10

Coarse

Stk.	Mfr.	Length	TPI	Qty.	Price
613763	30600	6-1/2"	10	4	\$2.51
613754	CP306DZ	6-1/2"	10	12	\$6.19
613868	CP306-80	6-1/2"	10	80	\$23.40
613866	CP306GR	6-1/2"	10	144	\$42.10

Metal-cutting

Stk.	Mfr.	Length	TPI	Qty.	Price
613764	30700	6-1/2"	32	4	\$5.72
613768	CP307DZ	6-1/2"	32	12	\$13.20



Jeweler's Saw Frames

Olson Perfect for close and accurate sawing, these traditional style jeweler's saws feature blade-tensioning end-screw and frame adjustment. Saw holds plain-end blades (*sold separately*).

Stk.	Mfr.	Blade	Throat	Price
613815	SF63523	2-1/2" to 6"L	3"	\$22.00
613816	SF63525	2-1/2" to 6"L	5"	\$24.00

Jeweler's Saw Blades

Olson Hardened and tempered steel blades for sawing metal and other hardened materials. Blades have regular teeth. Use w/hand-held frames only.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613790	47500	5"	.019"	.0095"	61	12	\$4.93
613792	47900	5"	.024"	.012"	48	12	\$4.93
613794	48100	5"	.030"	.014"	41	12	\$4.93



Cushion Grip Contractor Grade Wallboard Saw

Stanley This fully hardened, tempered blade is strong and durable with teeth designed to cut fast and won't clog. Sharp tip allows plunge cuts. Ergonomic, curved handle is cushioned for comfort and extended use.

Stk.	Mfr.	Blade	Price
847355	15-556	6"	\$9.62



Wallboard Saw

Stanley Designed for plasterboard. Self-starting. Sharpened point for plunge cuts.

Stk.	Mfr.	Blade	Price
847200	15-206	6"	\$7.16



Jab Saw

DEWALT

Aggressive tooth design cuts 50% faster than comparable saws. Induction-hardened teeth stay sharp longer. For cutting drywall, plastic and other building materials.

Stk.	Mfr.	Blade	Price
243413	DWHT20540	6"	\$13.00



FatMax® Jab Saw

Stanley Cuts 50% faster than traditional saws.

Cuts on both push and pull strokes, tip punches through drywall. Hardened and tempered blade for durability - stays sharp 3-5x longer. Ergo non-slip grip handle.

Stk.	Mfr.	Blade	Price
850610	20-556	6-1/4"	\$14.50



FatMax® Compass Saw

Stanley Use for fine finish, plywood and hardwoods. Precise cutting for dovetails, miters and tenons.

Heavy-duty screws secure blade to durable, 1-piece bi-material contoured handle.

Stk.	Mfr.	Blade	TPI	Price
849230	17-205	12"	11	\$15.00



Predator® Compass & Keyhole Saw

Nicholson For the professional or do-it-yourselfer. Hardened and tempered polished steel blade for long life. Precision set and hardened teeth for exceptional life. Ground tooth edge. Standard HP tooth.

Stk.	Mfr.	Blade	TPI	Price
314000	NSP9	12"	8	\$16.10



SharpTooth™ Heavy-duty Handsaws

Stanley Ground-tooth design utilizes 3 cutting surfaces for 50% faster cuts. Induction hardened teeth stay sharper, longer. Hardwood handle with large opening for comfort when wearing gloves. Ideal for cutting plastic, PVC and ABS piping.

Stk.	Mfr.	Blade	TPI	Price
847170	15-087	20"	9	\$29.60
850605	20-065	26"	12	\$32.70



ToughCoat™ Handsaw

DEWALT

ToughCoat™ low-friction, long-lasting coating for less drag. Induction-hardened teeth provide 3 cutting surfaces for 50% faster cuts than traditional saws.

Stk.	Mfr.	Blade	TPI	Price
243416	DWHT20544	15"	8	\$24.40
243415	DWHT20545	20"	8	\$25.70

Handsaws



Great Neck High-carbon steel blade. Precision set teeth. Carved select hardwood handle designed for superior cutting angle.

Stk.	Mfr.	Blade	TPI	Price
281168	C20	20"	10	\$12.70
281169	C26S	26"	8	\$20.40



Professional Standard Tooth Handsaw

Nicholson Precision set teeth for smooth cuts.

Hardened and tempered polished steel blade with resharpenable teeth for long life.

Stk.	Mfr.	Blade	TPI	Price
314009	NS1503	20"	8	\$16.50

Handle features 40°/90° shape for marking angles.

Stk.	Mfr.	Blade	TPI	Price
314013	NS1502	24"	12	\$18.30



Non-slip Grip Handsaws

Pony Fineline technology provides 3 diamond ground cutting edges. Comfortable non-slip grip for extra sawing power, and allows 45° and 90°

markings. Induction-hardened teeth provide 5x longer cutting life. Cuts on both pull and push stroke for fastest possible cut. Use for wood, MDF and plasterboard requiring coarse cuts.

Stk.	Mfr.	Blade	TPI	Price
193200	66151	15"	7	\$15.10
193202	66221	22"	7	\$18.30
193203	66222	22"	11	\$20.00



Professional SharpTooth™ Handsaws

Stanley Aggressive tooth design cuts 50% faster than conventional saws. Ideal for cutting

plastic, PVC and ABS piping. Resharpenable teeth. Extra-wide select hardwood handle for comfort and control.

Stk.	Mfr.	Blade	TPI	Price
847234	15-334	15"	9	\$19.30
847236	15-335	20"	9	\$24.70



SharpTooth™ Mini Utility Saw

Stanley Multi-purpose saw cuts plastic pipe, laminate and all wood types. Ergo hardwood

handle, induction-hardened teeth. Aggressive 3-sided tooth design for faster cuts.

Stk.	Mfr.	Blade	TPI	Price
850608	20-221	10"	12	\$16.20



FatMax® Handsaw

Stanley 20% thicker blade for straighter cuts and reduced binding. This saw cuts 50% faster

and its induction-hardened teeth stay sharp 3-5 times longer than conventional saws. 65% thicker handle for ultimate grip and comfort. Ergonomic non-slip, rubber handle grip for extended use. Ideal for cutting all types of wood & plastic.

Stk.	Mfr.	Blade	TPI	Price
850600	20-045	15"	9	\$20.10



Course Cut Handsaw

Irwin M2™ Tooth Technology and Tri-Ground™ teeth provide a fast, efficient cut.

Deep Gullets™ rapidly remove chips. Extra-fine, 12 pt. Easy-Start™ front teeth provide a fast, smooth start. Thick-Body™ blade delivers rigidity and control. Tapered-Pitch™ nose improves clearance and stability. Hardwood handle.

Stk.	Mfr.	Blade	TPI	Price
619206	2011102	15"	9	\$17.40



FatMax® Backsaw

Stanley Use for fine finish, plywood and hardwoods. Precise cutting for dovetails, miters

and tenons. Heavy-duty screws secure blade to durable, 1-piece bi-material contoured handle.

Stk.	Mfr.	Blade	TPI	Price
849228	17-202	14"	13	\$17.40



Mitre Backsaw

Great Neck Made of spring steel with reinforced back and hardwood handle. Ground tooth with beveled edge.

Stk.	Mfr.	Blade	TPI	Price
281162	MM14	14"	12	\$14.90



Plastic Handle Backsaw

Great Neck Spring steel blade saw with high impact ABS handle. 3" depth under reinforced back.

Stk.	Mfr.	Blade	TPI	Price
281167	PM14	14"	12	\$10.20



ProTouch™ Dovetail/ Jamb Saw

Irwin 2" Wide-Body™, reversible Flush-Cut™

blade. Spring-loaded pin enables blade to reverse for left or right cutting. Ergonomic ProTouch™ handle.

Stk.	Mfr.	Blade	TPI	Price
619205	2014450	10"	14	\$14.90



FatMax® Reversible Flush-cut Saw

Stanley 3"W flush-cut blade for fine wood-working. Precisely cut dovetails and small joints.

Spring-loaded pin allows blade reversal for R or L cutting. Steel back prevents bowing for true straight cuts. Ergonomic cushion-grip handle.

Stk.	Mfr.	Blade	TPI	Price
847208	15-252K	10"	15	\$24.40



Flexible Blade Razor Saw

Zona Slice through dowels, pegs and plugs

that are cut off flush without marring work surface. Flexible blade saw teeth have no set. Cuts on the pull stroke and can be used for cutting through tenons and excess trim in joinery and in hard-to-reach spots.

Stk.	Mfr.	Blade	TPI	Price
613845	35-400	6-1/2"	16	\$12.90



Ultra Thin Razor Saws

Zona Ultra-thin blade for super fine cuts in

wood, soft metals and plastic without splitting or ragged edges. Shorter cutting depth and steel back for blade stability.

Stk.	Mfr.	Blade	TPI	Thickness	Price
613841	35-150	4-1/2"	42	.008"	\$7.70
613839	35-050	4-1/2"	52	.008"	\$8.27



4-in-1 Razor Saw Set

Zona Four interchangeable blade set is great for modelers and craft makers for fine cutting of soft and hard wood, soft metals, plastics,

brass and copper without splitting or ragged edges. Saws have shorter cutting depth plus steel backs for greater blade stability.

Razor Saw 5-1/2" blade, 32 TPI, .010"T

Razor Saw 4-1/2" blade, 52 TPI, .008"T

Saber Saw 4-1/2" blade, 24 TPI, .022"T

Keyhole (push) 2-1/4" blade, 24 TPI, .022"T

Stk.	Mfr.	Price
613840	35-140	\$12.70



Double Edge Pull Saw

Irwin Flexible fine-cut saw for cabinet work,

flush cutting (dowels), mitering, stair systems and undercuts. Japanese back-saw for ripping or crosscutting with pull-to-cut method for cleaner cuts, better control and less fatigue.

Stk.	Mfr.	Blade	TPI	Price
619210	213103	9-1/2"	7 & 17	\$26.90



Razor Saw & Aluminum Miter Box Set

Zona Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Blade	TPI	Thickness	Price
613842	35-550	Saw	6-1/2"	42	.010"	\$8.80
613846	37-240	Miter Box				\$19.10
613843	35-241	Saw & Miter Box				\$24.00



Contractor Grade Clamping Miter Box

Stanley Simple angle adjustment allows cuts from any angle in all applications. Quick, simple cam clamp secures work. Ergonomic non-slip grip provides maximum comfort.

Stk.	Mfr.	Item	TPI	Price
850615	20-800			\$62.00
850616	20-809	Replacement Blade	14	\$15.80

CUTTING TOOLS & KNIVES



Hi-Vis Utility Knife

Craftsman

Highly-visible, all metal construction knife with double overlap nose for safety. 3-position retractable blade.

Includes 3 blades.

Stk.	Mfr.	Color	Qty.	Price
305820	94856	Orange	1	\$5.62



Fixed Blade Utility Knife

Stanley Lightweight, fixed-back aluminum handle is in 2 sections and provides blade storage.

Includes 3 regular-duty blades.

Stk.	Mfr.	Handle	Price
845154	10-299	5-1/2"L	\$4.79



Folding Utility Knife

Irwin Unique knife features a pivot point for safely folding the blade into the handle, quick-change button, extended thumb ledge, wire stripper notch and anchored belt clip.

Includes bi-metal blade.

Stk.	Mfr.	Handle	Price
619486	2089100	3-1/2"L	\$15.70



No. 82 Retractable Utility Knives

Lutz Highly-visible, industrial-quality utility knife with die-cast zinc retractor for smoother operation in all 3 cutting positions. Nose overlap on top and bottom for safety. Safe, reliable, comfortable grip. In-handle blade storage.

Includes 3 heavy-duty .025 blades.

Stk.	Mfr.	Handle	Color	Price
511301	30082	6"L	Black	\$6.45
511302	30182	6"L	Orange	\$6.45
511315	30282	6"L	Yellow	\$6.45
511317	30482	6"L	Green	\$6.45
511319	30582	6"L	Red	\$6.45
511321	30682	6"L	Blue	\$6.45



Classic 99® Retractable Utility Knife

Stanley Button projects and retracts blade to full, 1/2 and 1/4 out. Lightweight aluminum

handle is in 2 sections and provides blade storage.

Includes 3 heavy-duty blades.

Stk.	Mfr.	Handle	Price
845020	10-099	6"L	\$6.84



Zinc Pro Retractable Utility Knife

Master Mechanic Heavy-duty knife accepts all utility blades. Zinc body with blade storage.

Overlap protective nose. 3 blade positions.

Includes 2 blades.

Stk.	Mfr.	Handle	Price
943156	704496	6"L	\$4.65



Interlock® Retractable Utility Knife

Stanley Secures retractable blades between knife halves. Blade-storage handle.

Includes 3 heavy-duty blades.

Stk.	Mfr.	Handle	Price
845010	10-079	5-5/8"L	\$7.39



Self-retracting Utility Knife

Stanley Spring-loaded blade, retracting slide button. Safety orange case. Round point blade

reduces accidental cuts and damage. Interlock nose secures blade safely between knife halves. 2 cutting depth adjustments. Contoured, no-slip handle.

Includes round point blade.

Stk.	Mfr.	Handle	Price
845075	10-189C	5-5/8"L	\$8.97



357 Quick Change Heavy-duty Knife

Lutz No tools needed to change blades. Case is made of tough zinc die-cast.

Includes 3 blades & holster.

Stk.	Mfr.	Handle	Color	Price
511325	35701	7"L	Yellow	\$11.70



Instant Change™ Knife

Stanley Strong, durable cast metal core with bi-material soft panels for a sure grip. Tool-free, push-button blade changes. Curved handle for

comfort, control and balance with padded thumb rest. Easy-access, swing-out blade storage. Integrated string cutter and retractable slide. Large hang hole.

Includes 3 blades.

Stk.	Mfr.	Handle	Price
845170	10-788	6-1/2"L	\$12.80



Folding Retractable Knife

DEWALT Rugged metal knife folds for quick and easy 1-hand open/close. Variable-cut-depth retracting blade. Rapid-load access button speeds blade changes from on-board storage.

Includes 3 blades.

Stk.	Mfr.	Handle	Price
243407	DWHT10035L	6-3/8"L	\$14.00



ProTouch™ Retractable Utility Knife

IRWIN Quick change blade mechanism. Trigger grip for cutting on the pull. Hinged blade storage for up to 10 blades.

Includes 3 Blue Blade™ bi-metal blades.

Stk.	Mfr.	Handle	Price
619529	1774106	6-3/4"L	\$16.10



SpeedFeed™ Heavy-Duty Snap-off Knife

Great Neck For cutting tile, rope, cardboard, linoleum, wire, tape, plastics, nylon and more.

End of blade snaps off easily to provide a new cutting edge each time. Rubberized ergonomic grip.

Includes 6 heavy-duty snap-off blades (5 stored in the handle).

Stk.	Mfr.	Item	Handle	Qty.	Price
281250	80026		6-1/2"L		\$7.20
281156	5BLBK	Replacement Blades		5	\$2.94



SpeedFeed™ Light-Duty Snap-off Knife

Great Neck For light-duty cutting of paper, leather, vinyl. Snap-off blade provides a new cutting edge each time.

Includes snap-off blade.

Stk.	Mfr.	Item	Handle	Qty.	Price
281155	SBK		5"L		\$2.24
281157	5BSBK	Replacement Blades		5	\$2.52



Heavy-duty Utility Knife Blades

DEWALT Precision-ground geometry & induction-hardening gives a 35% sharper, 75% longer cutting edge. Heat-treated blades are 20% stronger. Fits all .025 knives & window scrapers.

Stk.	Mfr.	Qty.	Price
243408	DWHT11004	75	\$15.80



Heavy-duty Utility Knife & Scraper Blades

Master Mechanic Fits all .025 Retractable Utility Knives and Window Blade Scrapers.

Stk.	Mfr.	Qty.	Price
942848	704512	5	\$1.95
942850	704583	100	\$17.10



Utility Knife & Scraper Blades

Lutz Heavy-duty .025 gauge blade.

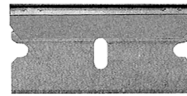
Stk.	Mfr.	Qty.	Price
511312	30092	5	\$1.06



Bi-Metal Utility Knife Blades

Irwin Strong Blue Blade edges stay sharper 3x longer than carbon blades.

Stk.	Mfr.	Qty.	Price
619531	2084100	5	\$2.83
619532	2084400	100 w/Dispenser	\$34.00



Single Edge Razor Blades

Master Mechanic Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
943279	741330	10	\$2.21
942846	521013	100	\$8.55



Miter Trimmer

Robert Larson Make perfect miter cuts on stock up to 4" and when squaring stock up to 6". Both right and left cuts can be made at angles between 45° and 90°. The ground base surface and 2 razor sharp knives offer controlled shaving and leave a glass smooth finish in the stock.

Stk.	Mfr.	Price
768878	800-3500	\$404.00



Glass Cutter

General Cut straight and curved edges in

glass. Steel wheel with honed angle of 120° for cutting single and double strength glass. Cuts plate glass from 1/8" to 1/4" thick. Ball end handle for snapping of scored glass. Tooth design to remove rough edges.

Stk.	Mfr.	Length	Price
419820	8501	5"	\$4.03



Acrylic Cutter

Fletcher-Terry Double-edged cutter with 2 tips for normal or extra-pressure scoring of acrylics. Plastic handle.

Stk.	Mfr.	Length	Price
943250	05-111C	9-1/2"	\$6.58



Linoleum Flooring Knife

Stanley For cutting and trimming vinyl or linoleum floor covering, roofing and similar material. Taper-ground cutlery steel blade permanently fastened to comfortable, hardwood handle.

Stk.	Mfr.	Handle	Price
845160	10-509	4-1/2"L	\$5.78



Sloyd Knife

CS Osborne For wood carving and general purpose work. Knife has extra sharp high-carbon steel blade with hardwood handle.

Stk.	Mfr.	Blade	Price
614220	6	2-3/4"	\$8.10

SCRAPERS & PUTTY KNIVES

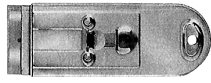
Utility & Window Blade Scraper



Stanley Quickly and easily scrape paint from windows, mirrors, tiles, and other flat surfaces with this uniquely designed polypropylene molded scraper.

Includes 1 blade.

Stk.	Mfr.	Length	Price
851900	28-593	7"	\$4.06



Razor Blade Paint Scraper

Stanley Remove paint, glue, putty or adhesives from glass, tile, walls, floors and more. Blade retracts for easy storage. Accepts standard single edge razor blades.

Includes 5 blades.

Stk.	Mfr.	Length	Price
851870	28-500	4"	\$3.29



Glass Scraper

Master Painter Steel safety glass scraper with retractable blade for light-duty scraping jobs.

Includes 5 blades.

Stk.	Mfr.	Price
943162	GS	\$1.92



Polypropylene Handle Steel Blade Putty Knives

Master Painter Rust resistant spring steel blade for easy spreading. Polypropylene handle resists solvents of easy cleanup.

Stk.	Mfr.	Blade	Price
943295	10510	1-1/4"W Flexible	\$4.16
943293	182	1-1/4"W Flexible	\$2.24
943297	10512	3"W Flexible	\$5.11
943296	10511	1-1/4"W Stiff	\$4.16
943294	180	1-1/4"W Stiff	\$2.29
943298	10513	3"W Stiff	\$5.11



Polyethylene Handle Steel Blade Putty Knife

Marshalltown Heat-treated blade is hardened, tempered and annealed for even hardness. Full tang through the handle. Black, chemical/solvent-resistant polyethylene handle.

Stk.	Mfr.	Blade	Price
528351	M5122	1-1/4"W Chisel	\$4.83



Wood Handle Putty Knives

Stanley Steel blade is hardened, tempered and polished. Full tang blade permanently fastened to hardwood handle.

Stk.	Mfr.	Blade	Price
851880	28-540	1-1/4"W Flexible	\$6.24
851881	28-541	1-1/4"W Stiff	\$6.40
851883	28-543	3"W Stiff	\$9.73



Nylon Handle Steel Blade Putty Knives

Stanley Steel blade hardened, tempered and polished. Full tang blade permanently fastened to shatter-proof handle. Available with stiff blade or full flexible taper ground blade.

Stk.	Mfr.	Blade	Price
851519	28-140	1-1/4"W Stiff	\$6.84
851586	28-240	1-1/4"W Flexible	\$7.07



Plastic Blade Putty Knives

Linzer White plastic putty knife with beveled edge.

Stk.	Mfr.	Blade	Price
504040	7150	1-1/2"W Flexible	\$0.82
504041	7200	2"W Flexible	\$1.48
504042	7300	3"W Flexible	\$1.67



Cabinet Scraper

Kunz Use for final cleaning and finishing of most hardwoods (especially cross-grained or curly-grained wood). Tough high-carbon steel blade with a 90° edge angle. Body of fine, gray cast iron, with epoxy coating for durability. Finely ground 3-3/8"W base.

Stk.	Mfr.	Blade	Price
768856	580-2000	2-3/4"W	\$56.70

Replacement Blade

768857	580-2005	2-3/4"W	\$10.30
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768840 768842 768843 Cabinet Scraper Blades



Two Cherries Steel scrapers ideal for refinishers.

Stk.	Mfr.	Size	Price
768840	520-5005	0.6mm Rectangle	\$7.94
768841	520-5010	0.8mm Rectangle	\$7.50
768842	520-5060	0.7mm Curved	\$9.64
768843	520-5070	0.7mm Gooseneck	\$12.30

3-Piece Set Includes 0.8mm rectangle, curved & gooseneck.

Stk.	Mfr.	Size	Price
768844	520-5510		\$26.40



Square Cabinet Scraper Set

Pax Made of high carbon Sheffield steel for applying smooth finishes to wood.

Includes 4"x 2", 5"x 2-1/2" & 6"x 3" rectangular scrapers.

Stk.	Mfr.	Price
193613	410026	\$23.80



Four-Edge Hand Scrapers

Master Painter Carbon steel blade. Soft-grip handle.

Stk.	Mfr.	Item	Blade	Qty.	Price
943304	FE2	Scraper	1-1/2"L		\$5.29
943305	22B	Replacement Blade	1-1/2"L	2/pkg.	\$2.98
943170	F4	Scraper	2-1/2"L		\$7.13
943171	42B	Replacement Blade	2-1/2"L	2/pkg.	\$3.88



Bent Pole Scraper

Master Painter High-carbon steel blade is bent to help reach high surfaces. Black, solvent-resistant, ergo-grip handle. Fits any standard threaded broom handle or extension pole.

Stk.	Mfr.	Blade	Price
943173	10737	3"W	\$10.30



Triangular Scraper

Marshalltown High-quality detail scraper for molding contours, carved woodwork, cracks and seams. 9" balanced handle.

Stk.	Mfr.	Blade	Qty.	Price
528345	E1241	2-1/4"W	1	\$11.50

Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
528343	E1242	2-1/4"W	1	\$4.93



Glue Scraper

Robert Larson Quickly clean up glue joints with this heavy-duty, high-quality steel blade scraper.

Stk.	Mfr.	Blade	Qty.	Price
768859	580-2175	2-3/8"W	1	\$56.70

Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
768860	580-2176	2-3/8"W	1	\$14.70

SCREWDRIVERS



Spiral Ratchet Screwdriver

Robert Larson This "must-have" tool will quickly drive and remove screws. Set the spiral ratchet mechanism for clockwise or counter-clockwise rotation, or lock it in place for extra turning power. Accepts standard 1/4" insert bits.

Stk.	Mfr.	Length	Price
768855	538-1335	13-1/4"	\$82.10



Screw Hole Punch

Stanley Nickel-plated screw hole punch with 3/8" face dia. Use for self-centering hinges, catches, etc.

Stk.	Mfr.	Length	Price
859138	58-013	3"	\$5.69



Magnetic Brad & Nail Driver

Great Neck Solid wood handle and spring action shaft drives finishing nails up to 1-1/2"L without marring surface. Chrome plated with wood handle.

Stk.	Mfr.	Length	Price
281138	BD1	5-1/4"	\$5.72



Screw Hole Starter

Great Neck Mark, start and thread the hole for a screw to enter. Tool's point bites fast and clean. Large plastic handle.

Stk.	Mfr.	Dia.	Length	Price
281186	SS3	1/4"	5-3/4"	\$4.59



Offset Screwdrivers

Great Neck Steel chrome plated with knurled grip.

Stk.	Mfr.	Item	Price
281018	OSR2C	#1 & #2 Phillips	\$2.64
281019	OS2C	#2 & 1/4" Combination	\$2.64



100 Plus® Phillips Screwdrivers

Stanley Tempered, polished steel blades. Comfortable, full grip plastic handles have deep flutes.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
860363	64-100	1/8"	2-3/4"	0	5"	\$4.47
860430	64-101	3/16"	3"	1	6"	\$5.00
860698	64-105	1/4"	1-1/2"	2	3-5/8"	\$5.64
860497	64-102	1/4"	4"	2	7-3/4"	\$6.12
860564	64-103	5/16"	6"	3	10-1/2"	\$8.47
860631	64-104	3/8"	8"	4	13"	\$11.00

5-Piece Set Includes #1 x 3", two #2 (1-1/2" & 4"), #3 x 6", #4 x 8" & pouch.

862160	66-156					\$28.90
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Standard Fluted Phillips Screwdriver

Stanley Ergonomic handle for comfortable grip. Alloy steel nickel-protected blades for long life. Hardened tips for slip-resistant fit.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
859487	60-001	3/16"	4"	1	7-5/8"	\$1.98
859488	60-002	1/4"	4"	2	7-5/8"	\$1.98



Dual Material Phillips Screwdrivers

Crescent Dual material handle improves comfort. Chrome plated blade with black oxide blasted tip reduces slippage.

Stk.	Mfr.	Blade Length	Tip	Price
308283	CSDP34V	4"	1	\$4.33
308284	CSDP44V	4"	2	\$4.93
308285	CSDP56V	6"	3	\$7.33



Phillips Screwdrivers

Great Neck Nickel plated, high carbon steel blade with top quality extruded shock resistant handle and precision ground tip.

Stk.	Mfr.	Blade Length	Tip	Price
281216	GOPC	2-1/2"	0	\$2.76
281217	GR33C	3"	1	\$3.57
281218	GR22C	1-1/2"	2	\$3.11
281219	GR44C	4"	2	\$3.80
281220	GR66C	6"	3	\$7.70



Code Blue® Phillips Screwdrivers

CHAN NEL LOCK Magnetic-tip screwdriver with strong Go-Thru steel blade. High-torque, 3-sided Code Blue® comfort grip. Laser-etched, easy-read steel cap.

Stk.	Mfr.	Blade Length	Tip	Overall Length	Price
301364	P104CB	4"	1	8-1/2"	\$4.70
301365	P204CB	4"	2	8-3/4"	\$4.70
301366	P306CB	6"	3	11"	\$6.74



Vinyl Grip Phillips

Stanley Full vinyl grip handle. Chrome-plated alloy-steel blade is corrosion resistant. Precision-machined black oxide tip for a precise fit.

Stk.	Mfr.	Blade Length	Tip	Overall Length	Price
860990	65-901	3"	1	6-3/4"	\$6.58
860991	65-902	4"	2	6-5/16"	\$7.48
860992	65-903	6"	3	10-3/16"	\$11.40



6-Piece Phillips Screwdriver Set

Craftsman Heat treated, alloy tool steel blades with clear plastic grip handles which resist corrosion for long-lasting use.

Includes #0 x 2-1/2", #1 x 3", #2 x 1-1/2", #2 x 4", #3 x 6" & #4 x 8".

Stk.	Mfr.	Price
305580	1193	\$24.60



Square Shaft Standard Screwdrivers

Crescent Dual material handle improves comfort. Square chrome-plated shaft with black oxide blasted tip reduces slippage.

Stk.	Mfr.	Blade Dia.	Blade Length	Price
308286	CSDS44V	1/4"	4"	\$6.21
308287	CSDS56V	5/16"	6"	\$8.61



3/16" Cabinet Tip

Stanley Light blade. Bolster-reinforced construction. Comfortable, full grip plastic handles have deep flutes.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
863177	66-183	3/16"	3"	3/16"	6-5/8"	\$4.25
863244	66-186	3/16"	6"	3/16"	9-1/2"	\$4.58
863311	66-188	3/16"	8"	3/16"	11-1/2"	\$5.64
863043	66-180	3/16"	10"	3/16"	13-3/4"	\$6.51
863110	66-182	3/16"	12"	3/16"	15-5/8"	\$8.01



Square Blade Standard Tip Screwdrivers

Stanley Bolster-reinforced construction. Comfortable, full grip. Plastic handles have deep flutes.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
862842	66-174	1/4"	4"	8-3/4"	\$7.53
862909	66-176	5/16"	5"	11"	\$10.10
862976	66-178	3/8"	8"	13-1/4"	\$12.20



Standard Screwdrivers

Stanley Ergonomically designed handle with slip-resistant textured grip for a comfortable hold. Heat-treated alloy steel bars hold up to repeated use. Nickel-plated bar resists corrosion.

Cabinet Tip

Stk.	Mfr.	Blade Dia.	Blade Length	Price
859489	60-003	3/16"	3"	\$2.50
859492	60-005	3/16"	6"	\$2.50

Fluted Blade

Stk.	Mfr.	Blade Dia.	Blade Length	Price
859491	60-004	1/4"	4"	\$2.50
859493	60-006	1/4"	6"	\$2.50



Slotted Screwdrivers

Great Neck Nickel plated, high carbon steel blade with precision ground tip. Top quality extruded shock resistant handle.

Stk.	Mfr.	Blade Length	Tip	Price
281211	G10C	3"	1/8"	\$2.88
281212	G43C	4"	3/16"	\$3.60
281213	G44C	4"	1/4"	\$4.08
281214	G66C	6"	5/16"	\$6.56
281215	G88C	8"	3/8"	\$7.82



Magnetic Tip Standard Screwdrivers

CHAN-NEL-LOCK

Strong Go-Thru steel blade with magnetic tip. High-torque, 3-sided Code Blue® comfort grip. Laser-etched, easy-read steel cap.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
301370	S144CB	1/4"	4"	8-1/2"	\$4.70
301371	S366CB	3/16"	6"	10-1/4"	\$4.70
301372	S388CB	3/8"	8"	13"	\$6.74



Vinyl Grip Round Blade Standard Tip Screwdriver

Stanley Full-size vinyl grip handle. Alloy steel blade is chrome-plated for corrosion resistance. Tips fully cross ground for more secure fit.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
863565	66-088	1/4"	1-1/2"	3-5/8"	\$6.79
863566	66-089	7/32"	3"	6-3/4"	\$8.28
863567	66-090	1/4"	4"	8-1/4"	\$8.86
863568	66-091	5/16"	6"	11"	\$9.76
863569	66-092	3/8"	8"	13-5/8"	\$11.70



100 Plus® Standard Screwdrivers

Stanley Acetate handle stands up to heavy-duty use. Alloy steel blade withstands repeated usage. Precision-ground tip ensures a secure fit. Chrome-plated to resist corrosion.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
862373	66-163	7/32"	3"	6-3/4"	\$6.72
862239	66-161	1/4"	1-1/2"	3-1/2"	\$5.43
862440	66-164	1/4"	4"	8-1/4"	\$6.61
862574	66-166	5/16"	6"	11"	\$7.82
862641	66-168	3/8"	8"	13-1/4"	\$10.10
862172	66-160	7/16"	10"	15-1/4"	\$12.90
862306	66-162	7/16"	12"	17-1/4"	\$15.20

7-Piece Set Includes 1/4" x 1-1/2", 7/32" x 3", 1/4" x 4", 5/16" x 6", 3/8" x 8", 10" & 12".

862162	66-157				\$55.10
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Vinyl Grip Combination Screwdriver Set

Stanley Maximum comfort, full-size, vinyl grip handles. Long-lasting alloy steel blades are chrome-plated to resist corrosion.

Includes 2 slotted (4" & 6"), 2 cabinet (3" & 6") & 2 Phillips (#'s 1 & 2).

Stk.	Mfr.	Price
863530	66-565	\$23.80



7-Piece Combination Screwdriver Set

Klein

Includes 2 Phillips (#1 x 6-5/8", #2 x 8-1/2"), 2 square shank slotted (1/4" x 4", 5/16" x 6"), 3 cabinet-tip (1/8" x 3", 4", 6") & pouch.

Stk.	Mfr.	Price
945600	85276	\$61.50



9-Piece Combination Screwdriver Set

Great Neck Professional-grade, shock-resistant handles. Chrome vanadium steel blades. Precision-ground, sand-blasted tips.

Includes 4 Phillips (#0 x 3", #1 x 3", #2 x 4", #2 x 1-1/2"), 3 slotted (1/8" x 3", 3/16" x 4", 1/4" x 4"), 1/4" x 1-1/2" offset (Phillips/slotted).

Stk.	Mfr.	Price
281153	A8K	\$20.20



Combination Screwdriver Sets

Crescent Dual-material handle improves comfort. Chrome-plated blade with black oxide blasted tip reduces slippage.

4-Piece Includes Phillips (#1 x 4", #2 x 4") & slotted (1/4" x 4", 3/16" x 3").

Stk.	Mfr.	Price
308280	CSD4PC	\$15.70

6-Piece Includes Phillips (#1 x 4", #2 x 4") & slotted (1/4" x 4", 1/4" x 6", 3/16" x 3", 3/16" x 6").

Stk.	Mfr.	Price
308281	CSD6	\$22.00

10-Piece Includes Phillips (#0 x 2", #1 x 4", #2 x 1-1/4", #2 x 4") & slotted (1/8" x 2", 1/4" x 1-1/4", 1/4" x 4", 1/4" x 6", 3/16" x 3", 3/16" x 6").

Stk.	Mfr.	Price
308282	CSD10	\$30.90



SureGrip® Combination Screwdriver Set

S-K Comfortable square handles give you a secure grip even with greasy hands. And the vapor blasted tips grip fasteners effectively. Hex bolster on many screwdrivers lets you generate easy turning power with a wrench. Nickel chrome plated for corrosion resistance.

6-Piece Includes 1/8" x 3", 3/16" x 4", 1/4" x 4", Phillips #0 x 3", #1 x 4" & #2 x 4".

Stk.	Mfr.	Price
831579	86320	\$52.00

9-Piece Includes 1/4" x 2-1/4", 1/4" x 4", 5/16" x 6", 3/8" x 8", 3/8" x 12", Phillips #0 x 3", #1 x 4", #2 x 2-1/4", #2 x 4" & tray.

Stk.	Mfr.	Price
831562	86006	\$118.00



Magnetic Combination Screwdriver Sets

DEWALT Magnetic, precision sand-blasted tips provide excellent fit in fasteners. Soft-grip handles for maximum torque and comfort.

4-Piece Includes 1/4" x 4" slotted, 3/16" x 4" cabinet tip & 2 Phillips (#1 x 3", #2 x 4").

Stk.	Mfr.	Price
243411	DWHT62512	\$13.00

10-Piece Includes 4 slotted (1/8" x 3", 3/16" x 4", 1/4" x 4" & 1/4" x 1-1/2" stubby), 3/16" x 6" cabinet tip & 5 Phillips (0 x 2-1/4", #1 x 3", #2 x 4", #2 x 6" & #2 x 1-1/2" stubby).

Stk.	Mfr.	Price
243412	DWHT62513	\$27.20

8-Piece 100 Plus® Combination Screwdriver Set

Stanley Cold-formed, black oxide Phillips tips provide high torque, corrosion resistance. Precision-ground tip ensures a secure fit. Durable alloy steel blade withstands repeated usage. Chrome-plated to resist corrosion. Easy-to-clean acetate handle stands up to heavy-duty use.

Includes 4 slotted (1/4" x 4", 5/16" x 6", 3/8" x 8" & 1/4" x 1-1/2" stubby) & 4 Phillips (#1 x 3", #2 x 4", #3 x 6" & 2 pt x 1-1/2" stubby).

Stk.	Mfr.	Price
862164	66-158	\$45.60



Ergonomic Screwdriver Sets

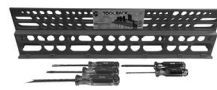
Stanley Slip-resistant handles for comfortable grip. Nickel-plated, heat-treated, alloy-steel blades for long life.

10-Piece Includes storage rack, 4 slotted (1/8" x 2", 4", 6" & stubby), 2 cabinet-tip (3" & 6"), 4 Phillips (#0, #1, #2 & stubby).

Stk.	Mfr.	Price
859600	60-100	\$13.80

20-Piece Includes 4 slotted (1/4" x 2", 4", 6" & stubby), 2 cabinet-tip (3/16" x 3" & 6"), 5 Phillips (#'s 1 & 2 x 4" two ea. & #2 stubby), 2 hybrid offset screwdrivers (4"L) & 6-pc. precision screwdriver set w/case.

Stk.	Mfr.	Price
859610	60-220	\$25.10



30-Piece Combination Screwdriver Set

Midwest Set for shops needing numerous students to use the same screwdriver at the same time. Large, 1-piece shatterproof acetate handle provides sure gripping power and is impervious to most greases and chemicals. High-carbon steel, nickel-plated blade resists rust.

Includes 6 ea. slotted (3", 4" & 6"), plus 6 ea. Phillips (#'s 1 & 2), tool rack.

Stk.	Mfr.	Price
543841	MWV-430SS	\$109.00



Pocket Screwdrivers

Stanley

Standard

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
861904	66-101	1/8"	2"		4-3/8"	\$2.74
861905	66-102	3/32"	3"		5-3/8"	\$2.16

Phillips

860755	64-170	1/8"	2"	0	4-3/8"	\$2.79
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2-in-1 Reversible Blade Screwdrivers

Xcelite Two tip sizes in 1 blade that snaps in and out easily. Blade is secured in perfect alignment by patented spring lock.

Includes 3/16 slotted & #1 Phillips.

Stk.	Mfr.	Length	Price
310730	CR1	7-1/4"	\$17.80
310731	CR2	7-1/2"	\$17.70



5-in-1 Magnetic Reversible Blade Screwdriver

Great Neck Heavy-duty magnetic screwdriver with on-board storage for 4 interchangeable bits.

Includes 2 slotted (1/4", 3/16"), 2 Phillips (#'s 1 & 2) & 1/4" nut driver.

Stk.	Mfr.	Length	Price
281158	MAS4	9-3/4"	\$8.10



6-in-1 Reversible Blade Screwdriver

Great Neck Heavy duty, easy grip high-impact handle. Screwdriver bits store in handle.

Includes 2 slotted (1/4", 3/16"), 2 Phillips (#1, #2) & 2 nut drivers (1/4", 5/16").

Stk.	Mfr.	Price
281154	SD12E	\$5.61



15-in-1 Reversible Blade Ratchet Screwdriver

Lutz Chamber allows for easy access and storage of bits.

Includes 1/8" slotted x #0 Phillips, 1/4" x 3/16" slotted, 1/4" slotted x #2 Phillips, 5/32" slotted x #3 Phillips, #1 x #2 Phillips, T15 x T20 Torx® & S1 x S2 square.

Stk.	Mfr.	Length	Price
511270	21000	8"	\$19.50



6-in-1 Multi Tool Screwdriver

Stanley Ergonomic tri-lobe shaped handle with diamond-textured, rubber grip for extra torque. Chrome-plated bar resists corrosion. High-quality bits.

Includes 2 Phillips (#1, #2), 2 slotted (1/4", 3/16"), 2 nut drivers (1/4", 5/16").

Stk.	Mfr.	Length	Price
863700	68-012	7-3/4"	\$6.19



9-in-1 Multi-Tool Screwdriver

Irwin Ergonomic ProTouch™ slip-resistant grip provides maximum torque and comfort. Internal storage keeps 6 bits and 3 nut drivers locked in place and close at hand.

Includes 2 Phillips (#'s 1 & 2), 2 slotted (1/4" & 3/16"), 2 square drive (#'s 1 & 2), 3 nut drivers (1/4", 3/8" & 5/16").

Stk.	Mfr.	Length	Price
619221	2051100	9-1/2"	\$16.00



10-in-1 Multi-bit Screwdriver

Stanley 3-Position switch enables clockwise, counterclockwise and locked ratcheting positions. Magnetic bit holder secures bits fast. Ergo, textured storage handle increases torque. Corrosion-resistance plating.

Includes 2 ea. Phillips, Pozidriv & square drive (all #'s 1 & 2), 2 slotted (1/4" & 3/16"), 2 Torx™ (#'s 10 & 15).

Stk.	Mfr.	Length	Price
863698	68-010	10"	\$19.80



Square Recess Screwdrivers

Master Mechanic Corrosion-resistant, alloy-steel blade is heat-treated for durability and strength. Comfort-grip, 4-flute handle is cellulose acetate for impact and chemical resistance. Dimple on handle provides precise finger tip control.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
485056	103591	3/16"	3"	1	6-3/4"	\$6.28
485057	103606	1/4"	4"	2	8-1/4"	\$7.16
485058	103618	5/16"	6"	3	10-3/4"	\$9.07



Torx® Screwdrivers

Master Mechanic Heat-treated chromoly steel blades with advanced nickel chrome plating. Precision-machined tips for precise fit. Large handles are impact and chemical-resistant.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
485009	103567	3/16"	3"	T10	6-5/8"	\$4.49
485010	103569	3/16"	3"	T15	6-5/8"	\$4.78
485011	103580	3/16"	3"	T20	6-5/8"	\$5.31
485012	103585	3/16"	3"	T25	8"	\$5.42
485013	103596	1/4"	4"	T27	8"	\$5.94
485014	103597	1/4"	4"	T30	7-3/8"	\$5.94

5-Piece Set Includes T#'s 10, 15, 20, 25 & 30.

Stk.	Mfr.	Price
485039	167488	\$16.50



5-piece Precision Screwdriver Set

Craftsman Color-coded swivel heads for easy identification.

Includes slotted (3/32" x 1-1/2", 1/8" x 2-1/2"), Phillips (#00 x 1-1/2", #0 x 2-1/2") & Torx (T10 x 2-1/2").

Stk.	Mfr.	Price
305767	41632	\$23.60



Jeweler's Screwdriver English/Metric Set

Great Neck English/metric screwdrivers are heat-treated for extra strength. Ideal for hobby and electrical work.

Includes 4 slotted (.08, 1.2, 1.8 & 3mm), 2 Phillips (#'s 0 & 1) & case.

Stk.	Mfr.	Item	Price
281149	GP6C	6-Piece Set	\$5.45



Swivel Head Jeweler's Screwdriver Set

General Nickel-plated, swivel-head screwdriver has 5 interchangeable blades.

Includes .040", .055", .070" & .100" straight blades, plus #0 Phillips & molded plastic case.

Stk.	Mfr.	Item	Price
419077	S605	5-Piece Set	\$8.19



Jeweler's Screwdriver Set

General Conforms to government specifications GGG-S-1808. 3-7/8"L.

Includes .100", .080", .070", .055", .040", .025" & plastic case.

Stk.	Mfr.	Item	Price
419000	SPC600	6-Piece Set	\$24.90



Mini Jeweler's Screwdriver Set

Xcelite Miniature set is precise for detailed work. Consist of jeweler's and Phillips screwdriver blades molded in color-coded plastic handles.

Blade length 7/8". Tool length 2-1/8".

Includes 00 Phillips, slotted (sizes .04", .055", .07", .08", 10"), torque amplifier handle & case.

Stk.	Mfr.	Item	Price
308819	M60	6-Piece Set	\$24.50



UltraTech™ Precision Screwdriver Set

General UltraTech™ Precision Screwdrivers in 3 Versa-Grip comfort handle sizes (1" to 2-1/2"). Color-coded rings allow quick blade ID.

Includes 3 slotted (1/16", 3/32", 1/8"), 3 Phillips (#'s 00, 0, 1) & Torx (T6).

Stk.	Mfr.	Item	Price
419150	67123	7-Piece Set	\$24.40



Precision Screwdriver Set

General Precision screwdriver set with 17 interchangeable extended-shaft, heat treated blades for electronic, computer & jewelry repair. Black oxide blade coating prevents rust and corrosion. Locking screw chuck secures blades & allows quick changes. Versa-Grip comfort handle provides precision feel.

Includes 4 slotted (3/64", 1/16", 5/64", 3/32"), 2 Phillips (#'s 000, 00), 4 Torx (T#'s 6, 7, 8, 9), 3 hex (.50, 1/16", 5/64"), 3 nut drivers (3/32", 1/8", 5/32"), awl/scribe & handle, plus vinyl zip case.

Stk.	Mfr.	Item	Price
419151	63518	18-Piece Set	\$26.60



3/8" Hand Impact Tool Set

Lisle Loosens rusted and frozen nuts, bolts and screws. Unique design delivers over 200 ft./lbs. of shock torque. Reverse process to tighten. Can be used with impact sockets.

Includes 3/8" impact tool, 3/8" bit holder, Phillips bit #'s 1, 2, 3 & 4, plus 3/8" straight slot bit.

Stk.	Mfr.	Item	Price
503850	29200	7-Piece Set	\$41.10

NUT DRIVERS



Nut Drivers

Great Neck High-quality transparent handle with black fluting. Hollow, chrome-plated shaft. Heat-treated hardened steel.

Stk.	Mfr.	Size	Color	Price
281192	ND3C	3/16"	Black	\$5.18
281193	ND5C	1/4"	Red	\$5.41
281194	ND7C	5/16"	Amber	\$5.64
281195	ND8C	11/32"	Green	\$5.64
281196	ND9C	3/8"	Blue	\$5.64
281197	ND10C	7/16"	Brown	\$6.21
281198	ND11C	1/2"	Red	\$6.44

7-Piece Standard Includes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2".

281191	ND72			\$17.30
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7-Piece Metric Includes 6, 7, 8, 9, 10, 11 & 12mm.

281189	ND71			\$17.30
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Color-coded Nut Driver Sets

Xcelite

7-Piece Solid Shaft Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" & case.

Stk.	Mfr.	Price
310758	127TB	\$63.80

7-Piece Hollow Shaft Includes 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" & case.

310768	147TB	\$82.00
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10-Piece Hollow Shaft Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" & case.

308811	HS618	\$123.00
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Hollow Shaft Nut Driver Sets

CHAN NEL LOCK

High-torque, 3-sided Code Blue® grips. Go-thru steel blade is attached to the steel cap on the back of handle.

7-Piece Standard Includes 11/32", 1/2", 1/4", 3/16", 3/8", 5/16" & 7/16".

Stk.	Mfr.	Price
301360	ND-7CB	\$54.90

7-Piece Metric Includes 5, 6, 7, 8, 9, 10, 11 mm.

Stk.	Mfr.	Price
301361	MD-7CB	\$54.90



T-handle Nut Driver Sets

Craftsman No-slip color coded cushion grip handles with alloy sockets and shafts. T-handle provides leverage for greater torque strength.

7-Piece Metric Includes 5, 6, 7, 8, 9 & 10mm.

Stk.	Mfr.	Price
305738	34547	\$57.30

7-Piece Standard Includes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2".

Stk.	Mfr.	Price
305737	34546	\$57.30

WRENCHES



Heavy-duty Pipe Wrenches

Ridgid Cast iron housing and I-beam handle for comfort grip and strength without excess weight. Full-floating forged hooked jaw with spring suspension for instant grip, instant release. Replaceable jaws with tough, heat-treated, high-alloy steel teeth. Rugged, easy-spin, nonstick adjustment nut that automatically cleans grime from hook jaw shank. Uniquely braced, extra-strong mount for heel jaw.

Stk.	Mfr.	Length	O.D. Capacity	Model	Price
689067	31005	8"	1"	8HD	\$27.50
689134	31010	10"	1-1/2"	10HD	\$36.00
689268	31020	14"	2"	14HD	\$46.50
689335	31025	18"	2-1/2"	18HD	\$67.20
689402	31030	24"	3"	24HD	\$107.00



Quick Adjusting Pipe Wrench

Vise-Grip

Lightweight cast aluminum construction and ergo handle for maximum comfort and heavy torque. I-handed operation enhances user speed and convenience. Ratchets quickly to work surface with a smooth release.

Stk.	Mfr.	Length	O.D. Capacity	Price
619215	274001SM	11"	2-1/4"	\$29.40



Spud Wrench

Ridgid Narrow jaws fit into tight places. Drop-forged, heat-treated hook jaw.

Stk.	Mfr.	Length	O.D. Capacity	Price
692760	31400	12"	3/8"-2-5/8"	\$58.80



Strap Wrench

Ridgid For any polished pipe. Woven nylon strap gives a tight grip and is replaceable. Head and I-beam are 1 piece. Polyurethane coating on strap prevents marring.

Stk.	Mfr.	Strap	O.D. Capacity	Model	Price
689792	31335	1/2"W x 17"L	3-1/2"	1	\$46.70

ALLEN WRENCH SETS



Fold-up Hex Sets

Fractional Sets Precision heat-treated hardened and tempered to assure maximum strength throughout with a rust resistant black oxide finish. Tightly secured in a 1-piece steel case with a correctly proportioned handle.

Stk.	Mfr.	Item	Price
385000	20511	Eklind 5-Pc, 3/16", 7/32", 1/4", 5/16", 3/8"	\$11.40
385030	20811	Eklind 8-Pc, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64" & 5/32"	\$5.47
385031	20812	Eklind 8-Pc, 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$11.10
922743	4991	Proto 8-Pc Long, 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$11.60
385051	20912	Eklind 9-Pc, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" & 3/16"	\$6.66
385050	20911	Eklind 9-Pc, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$8.44
922006	4978	Proto 9-Pc, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" & 3/16"	\$7.43

Fractional Sets Ergonomic, soft-grip case w/steel side plate & push-button locks at 90°, 135° & 180°.

Stk.	Mfr.	Item	Price
243417	DWHT70262M	DeWalt 8-Pc, 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$14.80

Fractional Sets Ergo-Fold™ case w/ergonomic, soft-grip handle for comfort & slip resistance, hard shell for strength.

Stk.	Mfr.	Item	Price
385160	25911	Eklind 9-Pc, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$10.50
385161	25912	Eklind 9-Pc, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" & 3/16"	\$8.96

Metric Precision heat-treated hardened and tempered to assure maximum strength throughout with a rust resistant black oxide finish. Tightly secured in a 1-piece steel case with a correctly proportioned handle.

Stk.	Mfr.	Item	Price
385100	21151	Eklind 6-Pc, 3, 4, 5, 6, 8 & 10mm.	\$12.10
921805	4973	Proto 6-Pc, 3, 4, 5, 6, 8 & 10mm.	\$12.40
385110	21171	Eklind 7-Pc, 1.5, 2, 2.5, 3, 4, 5 & 6mm.	\$6.89
921872	4974	Proto 7-Pc, 1.5, 2, 2.5, 3, 4, 5 & 6mm.	\$7.16
385111	21172	Eklind 7-Pc, 2, 2.5, 3, 4, 5, 6 & 8mm.	\$9.09

Metric Ergonomic, soft-grip case w/steel side plate & push-button locks at 90°, 135° & 180°.

Stk.	Mfr.	Item	Price
243418	DWHT70263M	DeWalt 8-Pc, 1.5, 2, 2.5, 3, 4, 5, 6, 8mm.	\$14.90

Fractional & Metric Set Ergo-Fold™ case w/ergonomic, soft-grip handle for comfort & slip resistance, hard shell for strength. **Includes** 9-piece fractional: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4". 7-piece metric: 1.5, 2, 2.5, 3, 4, 5 & 6mm.

Stk.	Mfr.	Item	Price
385170	26160	Eklind 16-Pc	\$14.70



L-Hex Key Sets

Fractional Cased

Stk.	Mfr.	Item	Price
384900	10115	Eklind 15-Pc, .028", .035", .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"	\$25.20
485515	HK99	Fastener Barn 95-Pc, 10 ea. .050, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 7/32" & 5 ea. 1/4", 5/16" & 3/8"	\$50.00

Fractional Molded Holder

Stk.	Mfr.	Item	Price
384870	10018	Eklind 18-Pc Short & Long, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 7/32", 1/16", 5/64", 3/32", 1/8", 9/64", 5/32", 3/16", 1/4", 5/16"	\$9.50
384880	10107	Eklind 7-Pc Short, 5/64", 3/32", 1/8", 5/32", 3/16", 7/32" & 1/4"	\$4.00
384882	10111	Eklind 11-Pc Short, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$6.30
922019	4981	Proto 11-Pc, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	\$7.23
922020	4982	Proto 7-Pc, 5/64", 3/32", 1/8", 5/32", 3/16", 7/32" & 1/4"	\$5.12

Fractional Vinyl Pouch

Stk.	Mfr.	Item	Price
385300	69218	Eklind 18-Pc Short, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" & 7/32". Long pattern 1/16", 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 1/4" & 5/16"	\$8.58

Metric Cased

Stk.	Mfr.	Item	Price
384920	10515	Eklind 15-Pc Short, 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14 & 17mm	\$46.30

Metric Molded Holder

Stk.	Mfr.	Item	Price
384915	10507	Eklind 7-Pc Short, 1.5, 2, 2.5, 3, 4, 5 & 6mm.	\$6.98
384916	10509	Eklind 9-Pc Short, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.	\$11.10

Metric Pouched

Stk.	Mfr.	Item	Price
385292	69210	Eklind 10-Pc, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.	\$7.34



Power-T™ T-Handle Hex Key Sets

Eklind Ergonomic, textured, slip-resistant grip provides extra torque and safety. Made from the highest quality hex steel, heat treated for maximum strength and finished to resist rust. Color-coded for easy identification. Sizes stamped on handle.

Fractional Includes L-handle keys: .050 & 1/16" T-handle keys: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8", plus stand.

Stk.	Mfr.	Item	Length	Price
385285	60614	13-Piece	6"	\$58.60
385286	60914	13-Piece	9"	\$64.50

Metric Includes L-handle keys: 1.3 & 1.5mm, T-handle keys: 2, 2.5, 3, 4, 5, 6, 8 & 10mm, plus stand.

Stk.	Mfr.	Item	Length	Price
385287	64611	10-Piece	6"	\$46.60
385288	64911	10-Piece	9"	\$52.60

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

Pouched Set



Stand Set



T-Handle Hex Key Sets

Eklind One continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Includes standard keys & vinyl pouch.

8-Piece Fractional Pouch Sets **Includes** 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4".

Stk.	Mfr.	Length	Price
385200	33168	6"	\$20.70
385210	33198	9"	\$23.90

10-Piece Fractional Pouch Sets **Includes** 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8".

Stk.	Mfr.	Length	Price
385220	33610	6"	\$37.60
385230	33910	9"	\$42.70

10-Piece Fractional Stand Sets **Includes** 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8".

Stk.	Mfr.	Length	Price
385270	50160	6"	\$53.10

8-Piece Metric Pouch Set **Includes** 2, 2.5, 3, 4, 5, 6, 8 & 10mm.

Stk.	Mfr.	Length	Price
385250	35168	6"	\$32.70

8-Piece Metric Stand Sets **Includes** 2, 2.5, 3, 4, 5, 6, 8 & 10mm.

Stk.	Mfr.	Length	Price
385280	56168	6"	\$48.90



Ball-Hex-L Sets

Eklind Keys w/a ball profile on the long arm. Rotates 360° up to 35° for extra torque. Color-coded holders.

9-Piece Long Metric **Includes** 1.5, 2, 2.5, 3, 4, 5, 6, 8, & 10mm, plus molded holder.

Stk.	Mfr.	Price
384960	13609	\$20.10

22-Piece Fractional & Metric **Includes** .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" & 1.5, 2, 2.5, 3, 4, 5, 6, 8 10mm.

Stk.	Mfr.	Price
384950	13222	\$44.20



26-piece Ball Hex Key Set

Craftsman High tensile strength alloy steel. Each key delivers 28° of access to bolts.

Includes .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" & 1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm, plus molded holder.

Stk.	Mfr.	Price
305769	46274	\$48.50



Torx® Key Sets

Eklind Fold-up Sets

Stk.	Mfr.	Item	Price
385150	22571	7-Piece, 10, 15, 20, 25, 27, 30 & 40.	\$15.70
385151	22572	7-Piece, 6, 7, 8, 9, 10, 15 & 20.	\$15.70

Eklind L-Key Molded Holder **Includes** T#'s 10, 15, 20, 25, 27, 30 & 40.

Stk.	Mfr.	Item	Price
384930	10807	7-Piece Short	\$15.90
384931	10907	7-Piece Long	\$20.20

Proto Pouch Set **Includes** T#'s 10, 15, 20, 25, 27, 30, 40, 45, 50 & 55.

Stk.	Mfr.	Item	Price
921792	4961	10-Piece	\$65.40

STAPLERS & TACKERS

PowerCrown™ Hammer Tacker



Bostitch Compact, lightweight tool swings like a hammer with 1-hand operation. For fast, repetitive tacking jobs.

Includes leather sheath & 1,000 3/8" staples.

Use STCR5019 series staples.

Stk.	Mfr.	Size	Qty.	Price
838515	H30-8			\$43.60

Staples Fits H30-8 Hammer Tacker.

Stk.	Mfr.	Size	Qty.	Price
838557	STCR5019	1/4"	1,000	\$6.26
838558	STCR5019	3/8"	1,000	\$6.47
838556	STCR5019	3/8"	5,000	\$11.40



SharpShooter® Heavy-duty Hammer Tacker

Stanley Used for carpeting, roofing materials or insulation. Balanced for 1-hand operation and has durable steel construction.

Uses 1/4", 5/16" & 3/8" narrow crown staples.

Stk.	Mfr.	Price
597420	PHT150C	\$46.90



Easy Fire® Stapler/Brad Nailer

Craftsman Choose between staples and brad nails depending on the job. For maximum efficiency, it applies pressure directly over the work surface. Taper spring reduces kickback. Integrated wire guide and staple windows.

Uses narrow crown staples & 9/16" brad nails.

Stk.	Mfr.	Price
305795	68514	\$35.40

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Call us at 800-831-5904.



Heavy-duty Staple/Brad Nail Gun

Stanley Easy-squeeze product works overtime as a staple gun, brad nailer, cable tacker and wire tacker. Gray/black.

- Hi/Lo power lever for hard & soft materials
- Flush-nose design for stapling in tight areas

- Lock-down handle for safe storage
- All-metal drive channel ensures better penetration
- Heavy-duty aircraft-aluminum housing for durability
- Quick-view window simplifies staple identification
- Easy-slide full-stick staple load

Uses TRA700 series heavy-duty narrow crown staples or SWKBN 1/2" & 5/8" brads & staples.

Stk.	Mfr.	Price
597404	TR250	\$35.90



Electric Staple/Brad Nail Gun

Stanley Electricity and heavy-duty design delivers outstanding driving power. Hi/Lo power for hard and soft materials. Flush-nose for stapling in tight spots. Features contoured comfort grip, anti-jam mechanism, nose safety, and 8' power cord.

Use TRA700 series staples, or SWKBN series 1/2" & 5/8" brads.

Stk.	Mfr.	Price
597456	TRE550	\$44.00



Heavy-duty SharpShooter® Staple Gun

Stanley Heavy-duty staple gun delivers high power and deep penetration. Features easy squeeze handle, anti-jam mechanism, durable aircraft aluminum housing, high-visibility yellow color, easy-slide full-stick staple load.

Use TRA700 series staples.

Stk.	Mfr.	Price
597401	TR150	\$28.30



Staple Gun

Arrow Tacker with all-steel construction and working parts features a chrome finish, jam-proof mechanism, refill window and double-leverage operation.

Uses heavy-duty 1/4", 5/16", 3/8", 1/2" & 9/16" staples.

Stk.	Mfr.	Price
942726	T50	\$32.00



Heavy-duty Staple Gun

Surebonder Drives narrow, power, wide and medium crown staples. Easy drop-in staple loading, ergonomic non-slip grip, adjustable drive, durable chrome finish.

Uses any standard type heavy-duty 1/4" - 9/16" staples.

Stk.	Mfr.	Price
410940	5650	\$19.60

Narrow Crown Staples

Stanley TRA700 Series. Excellent for window and door screens, shelf paper, poster boards, bulletin boards and other jobs requiring uniform strength.

Staples fit:

- Stanley PHT 150-C; TR#'s 60, 85, 100, 150; TRE#'s 200, 500, 550; 69#'s 500, 502, 550
- Arrow T#'s 50, 55; ET-50, ETN-50, HT-50A
- Master Mechanic M#'s 5000, 5100, 5500
- Black & Decker Emhart 2000E, 3000E, 9701

Staples

Stk.	Mfr.	Size	Qty.	Price
597480	TRA704T	1/4"	1,000	\$2.26
597481	TRA705T	5/16"	1,000	\$2.31
597482	TRA706T	3/8"	1,000	\$2.69
597483	TRA708T	1/2"	1,000	\$2.84
597484	TRA709T	9/16"	1,000	\$3.17

Brad Nailer Brads

Stanley Fits TR200, TR250, TRE500, TRE550, TRE650 Electric brad nailers.

Stk.	Mfr.	Size	Qty.	Price
597397	SWKBN050S	1/2"	1,000	\$2.16
597396	SWKBN625S	5/8"	1,000	\$2.19

PLIERS



Hose Clamp Pliers

CHAN NEL LOCK

High-carbon, drop-forged steel pliers with wire cutter. PermaLock® fastener eliminates nut and bolt failures. Comfort grips.

Stk.	Mfr.	Length	Price
301498	558	8"	\$25.30



Lock Ring Pliers

Lisle Designed for removing and installing lock rings on all types of transmissions, master cylinders, brakes, etc. Jaws are knurled on the end to prevent slipping.

Stk.	Mfr.	Price
503868	44900	\$19.10



Brake Spring Pliers

Lisle Double-ended tool for removing and installing brake springs. Use plier tips to stretch brake spring. Handle ends remove and install spring over anchor post.

Stk.	Mfr.	Price
503750	11260	\$25.10



Long Reach Needle Nose Pliers

901635



901636

Proto Designed to reach around obstructions. Plastisol grips and improved fulcrum point provide comfort and holding power.

Stk.	Mfr.	Item	Length	Price
901635	240G	Long Reach	11-9/16"	\$52.20
901636	241G	Bent Nose	11-3/8"	\$52.90



Welder's Pliers

CHAN NEL LOCK Grips and draws out wire. Spring-loaded groove nose design for superior spatter removal. Precision machined,

laser heat treated cutting edge. Easy installation and removal of tips, bushings and nozzles.

Stk.	Mfr.	Length	Price
301452	360	9"	\$32.40



Thin Long Nose Pliers

Xcelite General wire application pliers. Useful for reaching into tight spaces, and for pick-up and wire forming. Green cushion-grips.

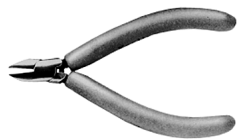
Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
308818	LN54GV	5"	1-3/16"	7/16"	Smooth	\$29.70
308822	LN55V	5-1/2"	1-11/16"	17/32"	Serrated	\$30.20



Long Nose Side Cutting Pliers

Xcelite General wire application side cutting pliers. Useful for reaching into tight spaces, and for pick-up and wire forming. Green cushion-grips.

Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
308823	SN55V	5-1/2"	1-11/16"	17/32"	Serrated	\$34.40



Oval Head Semi-flush Cutter Pliers

Xcelite Diagonal-cutting pliers, semi-flush for general purpose work. Green cushion-grips.

Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
308820	MS54V	4"	13/32"	7/16"	Standard	\$30.30



Bi-Material Slip Joint Pliers

Stanley Drop-forged steel, 2-position adjustable joint. Slip-resistant cushion-grip handles.

Meets ANSI specifications.

Stk.	Mfr.	Length	Price
864730	84-055	6"	\$4.58
864725	84-026W	8"	\$6.35



ProTouch™ Combination Slip Joint Pliers

Vise-Grip Machined jaws for maximum gripping strength. Induction-hardened wire

cutter stays sharp longer. Durable, nickel-chromium steel construction. Pro-Touch™ blue grips provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
619232	2078406	6"	\$7.46
619233	2078408	8"	\$8.83
619234	1773637	10"	\$12.00



Combination Slip Joint Pliers

Great Neck Drop-forged, steel-plated pliers with precision-milled jaws. Ergonomic double-molded grips.

Stk.	Mfr.	Length	Price
281010	SJ6C	6"	\$4.51
281011	SJ8C	8"	\$6.05



Slip Joint Pliers w/Wire Cutting Shear

CHAN NEL LOCK Thick nose pliers with shear-type wire cutter. Precision made of fine polished, high carbon drop forged steel. PermaLock® fastener eliminates nut and bolt failures. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Price
301496	526	6"	\$12.70
301497	528	8"	\$13.10



Thin Nose Slip Joint Pliers

Vise-Grip Durable nickel chromium steel construction. ProTouch™ grips provide extra comfort and reduces hand fatigue. Machined jaws for maximum gripping strength. Induction hardened cutting edge stays sharper, longer.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
619236	1773623	6"	\$10.60



5-Piece Mini Pliers Set

Craftsman Machined carbon steel pliers w/ ultra-secure box joints. Set delivers precision cutting and grip at a wide array of angles. Cushion grip handles.

Includes long nose, diagonal cutter, end nipper, needle nose, bent nose pliers & case.

Stk.	Mfr.	Price
305768	45671	\$39.40



6-Piece Mini Pliers Set

Stanley Bi-material mini pliers set designed for grasping, bending, cutting. Machined jaws grip securely. Induction hardened cutting edges.

Includes 4" diagonal, 4" end cutting, 4" bent nose, 5" long nose, 5" flat nose & 5" groove nose.

Stk.	Mfr.	Price
864740	84-079	\$25.40



8-Piece Mini Pliers

General Compact set for electricians, technicians and hobbyists. Serrated jaws for outstanding grip. Fully-polished, chrome vanadium steel head. Box joint construction with leaf spring, quick-open jaws. Double-dipped cushion grip.

Includes (ea. approx. 5"L) chain nose serrated jaw, round nose smooth jaw, curved chain nose, long needle nose, oval head diagonal cutter, end cutter, mini Lineman's pliers & case.

Stk.	Mfr.	Price
418970	938	\$41.90



Diagonal Cutting Pliers

Great Neck For cutting wire close to the surface. Tapered head allows clearance for the user's knuckles. Drop-forged construction with extra-sharp honed cutting edges. Grooved

joints. Ergo double-molded grips.

Stk.	Mfr.	Length	Price
281016	D65C	6-1/2"	\$6.60
281017	D75C	7-1/2"	\$8.80



Box Joint Cutting Pliers

CHAN NEL LOCK Hand honed, specially hardened, mated cutting edges. Fine polished high carbon drop-forged steel finish. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Price
301478	435	5"	\$27.40
301482	436	6"	\$23.00



Diagonal Cutting Square Joint Pliers

Crescent Hardened side cutting edges cuts cleans and remains sharp. For general purpose cutting. Made from heat-treated forged alloy steel for increased toughness and durability.

Finished with polished heads. Red cushion-grip handles.

Stk.	Mfr.	Length	Price
311824	933-6CVN	6"	\$18.20



ProTouch™ Diagonal Cutting Pliers

Vise-Grip Durable, nickel-chromium steel construction. Induction-hardened cutting edge stays sharp longer. Pro-Touch™ blue, cushion-grip handles provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
619225	2078306	6"	\$14.30
619226	2078307	7"	\$15.50
619227	2078308	8"	\$17.90



Heavy-duty Diagonal Cutting Pliers

Crescent For heavy-duty wire cutting. Electronically induction hardened and hand honed, long lasting cutting edges. Made of forged alloy steel for strength and durability. Red cushion-grip handles.

Stk.	Mfr.	Length	Price
311154	542-7CVN	7"	\$22.40



Lap Joint Cutting Pliers

CHAN NEL LOCK High leverage, heavy-duty construction with perfectly mated cutters. Precision made of fine polished, high carbon drop forged steel heat treated to hold their edge. Channellock Blue™ comfort grips.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
301435	338	8"	\$25.70



Journeyman™ High Leverage Diagonal Cutting Pliers

Klein For greater cutting and gripping power.

Cuts ACSR, screws, nails and most hardened wire. Hot-riveted joint ensures smooth action and no handle wobble. Short jaws and beveled cutting edge for close wire cutting. Polished and black oxide finish with comfort-grip handles.

Stk.	Mfr.	Length	Price
945245	J2000-28	8-1/8"	\$49.70



Heavy-duty Diagonal Cutter Pliers

Master Mechanic Heavy-duty cutting pliers feature cushion-grip handle.

Stk.	Mfr.	Length	Price
942833	179838	7"	\$11.60



Long Nose Solid Joint Pliers

Crescent Long nose pliers for radio, telephone and electronic work in confined areas.

Electronically induction-hardened pliers with serrated jaws for looping. Made of forged alloy tool steel. Polished head and red non-slip cushion handle grips.

Stk.	Mfr.	Length	Price
311958	1033-6CVN	6-5/8"	\$18.90



Standard Long Nose Side Cutting Pliers

Klein Long nose design with induction hardened cutting knives. Knurled jaws for wrapping and looping. Plastic-dipped curved handles.

Stk.	Mfr.	Length	Price
945030	D203-7	7"	\$29.50



Bi-Material Long Nose Pliers

Stanley

Slip-resistant bi-material handle for a comfortable grip. Drop-forged steel is strong and durable. Fixed joint design used for bending, turning and cutting. Long nose design for use in hard-to-reach areas.

Meets ANSI specifications.

Stk.	Mfr.	Length	Price
864727	84-031W	6"	\$7.25
864728	84-032	8"	\$8.74



Long Nose Pliers w/Cutter

Craftsman Serrated blade for holding power and induction hardened side cutters provide ample torque for high gauge cutting. Plastic dip handles for comfort.

Stk.	Mfr.	Length	Price
305764	45102	6"	\$24.70
305766	45103	8"	\$26.60



Long Nose Pliers

CHAN NEL LOCK Cross-hatching design on jaws grabs work tightly. Precision made of fine polished, high-carbon drop-forged steel. Perfectly mated cutters, scientifically treated to hold their edge. Channellock Blue™ comfort grip handles. USA made.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
301685	3026	6"	\$22.50
301675	3017	7-1/2"	\$22.30

With Side Cutter

Stk.	Mfr.	Length	Price
301426	326	6"	\$25.50
301418	317	7-1/2"	\$26.10



Long Nose Pliers w/Side Cutter

Vise-Grip Machined jaws for maximum gripping strength. Induction-hardened cutting edge stays sharp longer. Durable, nickel-chromium steel construction. ProTouch™ blue cushion grips provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
619228	2078216	6"	\$14.30
619229	2078218	8"	\$15.50



Heavy-duty Long Nose Pliers w/Side Cutter

CHAN NEL LOCK

Cross-hatched teeth pattern provides reliable grip in either direction while a narrow nose profile provides extra precision. Knife and anvil style cutting edge ensures perfect mating and superior cutting edge life. Channellock Blue® comfort grip handles.

Stk.	Mfr.	Length	Price
301420	318	8"	\$32.90



Heavy-duty Long Nose Pliers w/Wire Stripper & Cutter

CHAN NEL LOCK

Cutters with 12 and 14 AWG wire stripper. Cross-hatching design on jaws grabs work tightly with useful crushing surface. Cutters are perfectly mated and treated to hold their edge. Precision made of fine polished, high carbon drop-forged steel. Channellock Blue® comfort grip handles. USA made.

Stk.	Mfr.	Length	Price
301421	318WS	8-3/8"	\$41.10



Long Chain Nose Side Cutting Pliers

Crescent Reaches into confined areas. Electronically hardened, hand honed keen side cutting edges. Forged alloy tool steel for strength and cutting ability. Fine serrated jaws. Polished head with red cushion-grip handles.

Stk.	Mfr.	Length	Price
311288	654-6CVSMLN	6"	\$23.30
311355	654-7CVN	7"	\$27.00



Long Needle Nose Pliers

Crescent Long thin nose has excellent gripping ability for use in tight, narrow places. Made of forged alloy tool steel and individually tested for strength. Polished head with red non-slip cushion grip handles.

Stk.	Mfr.	Length	Price
311530	777-6CVN	6-1/2"	\$22.20
311532	777-7CVN	7"	\$23.30



Bent Nose Hobby Pliers

Great Neck Drop-forged, heat-treated steel pliers are strong and durable. Polished head. Spring-action vinyl grips.

Stk.	Mfr.	Length	Price
281009	HBN4C	4-1/2"	\$7.04



Curved Needle Nose Pliers

Crescent Long thin nose is angled to get into out-of-the-way corners. Electronically induction hardened thin bent nose pliers with tempered jaws return to normal when pressure is released. Made of forged alloy tool steel and individually tested for strength. Polished head with plain handles.

Stk.	Mfr.	Length	Price
311556	888-6CVN	6"	\$26.00



Lineman's/Electrician's Pliers w/Side Cutter

Great Neck Precision drop-forged head with cutter. Ergonomic, double-molded grips.

Stk.	Mfr.	Length	Price
281006	E7C	7"	\$7.94
281007	E8C	8"	\$9.32



ProTouch™ Lineman's/Electrician's Pliers

Vise-Grip

Machined jaws for maximum gripping strength. Durable, nickel-chromium steel construction. Induction-hardened cutting edge stays sharp longer. ProTouch™ blue cushion grips provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
619230	2078208	8"	\$13.20
619231	2078209	9-1/2"	\$17.00



Lineman's Pliers w/Rounded Nose

CHAN NEL LOCK

Heavy-duty construction with perfectly mated cutters, heat-treated to retain edges. Fine polished precision made high carbon drop-forged steel. Channellock Blue® comfort grip handles. USA made.

Stk.	Mfr.	Length	Price
301454	347	7"	\$29.40
301458	348	8-1/2"	\$33.50



Lineman's Pliers w/Side Cutter

Crescent Designed for electrical work. Durable, keen and induction hardened cutting edges made of forged alloy steel with polished heads. Spring tempered, red cushion-grip handles.

Stk.	Mfr.	Length	Price
308742	50-7CVN	7"	\$26.80
308809	50-8CVN	8"	\$28.50



High Leverage Side Cutting Pliers

Klein

High leverage for greater cutting and gripping power. Induction hardened cutting knives for long life. Hot-riveted joint for smooth action and wobble-free handle. Streamlined design for sure-gripping, cross-hatched knurled jaws. Plastic-dipped handles.

Stk.	Mfr.	Length	Price
945037	D213-9NE	9-1/4"	\$34.10



Lineman's Pliers with Crimper & Fish Tape Puller

CHAN NEL LOCK

Stripping holes in cutter for 12 AWG wire, another recess creates wire loops fast. Crimper/crusher for insulated and non-insulated terminals. Nose aligns fish tape without scoring while a joint path guides tape without bending, binding or breaking. Perfectly-mated, heat-treated knife/anvil cutter. High-gripping cross-hatch teeth. Non-binding joint. Polished high-carbon, drop-forged steel. Blue comfort grips.

Stk.	Mfr.	Length	Price
301453	369CRFT	9-1/2"	\$44.80



Heavy-duty Fence Tool Pliers

Crescent Necessary for fence work. Heavy prong will get behind most stubborn staples. Wire and staple can be gripped together.

Stk.	Mfr.	Length	Price
312092	1936-10VN	10"	\$31.20



End Nipper Pliers

Great Neck Precision drop-forged head for flush cutting and pulling. Ergonomic double-molded grips.

Stk.	Mfr.	Length	Price
281008	ENP6C	6"	\$10.90



End Cutting Nippers

Crescent Width of blades, throat clearance, leverage ratio of handles to blades, size of rivet and angle of cutting edges produce a top quality cutting tool. Precision manufactured from forged alloy tool steel with electronically induction hardened cutting edges.

Stk.	Mfr.	Length	Price
309747	72-7CVN	7"	\$28.10



Heavy-duty End Nippers

CHAN NEL LOCK Heavy-duty construction allows for easy cutting of large nails, small spikes and form tie wires. Perfectly-mated cutters. Precision made of high carbon drop-forged steel. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Price
301350	148-10	10"	\$34.00
301354	148-14	14"	\$50.60



Groove Joint Pliers

Great Neck For gripping pipes and damaged nuts that may slip with an adjustable wrench or socket. Drop-forged, chrome-plated steel pliers with milled jaws. Multi-grooved to provide jaw opening choices. Double-molded grips.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
281012	W80C	8"	4	1-1/4"	\$6.93
281013	W120C	12"	6	1-3/4"	\$11.20



Straight Jaw Tongue & Groove Pliers

Crescent Features more adjustment positions for a better fit and more versatility. Forged alloy steel with brushed finish for maximum durability and corrosion resistance. Precision milled ribs assure smooth, positive interlock. Self-locking jaw adjustment. Red non-slip cushion-grip handles.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
308480	R27CV	7"	6	1-5/16"	\$14.50
308481	R210CV	10"	6	1-13/16"	\$16.10
308482	R212CV	12"	8	3"	\$18.70
308483	R216CV	16"	10	4-1/2"	\$31.70

3-Piece Set Includes 7", 10" & 12".

308484	R200SET3				\$39.40
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Straight Jaw Pliers

CHAN NEL LOCK Right angle teeth grip in all directions for maximum bite and minimum wear.

Undercut tongue and groove design for no slip jaw action. Reinforced edge minimizes stress breakage. PermaLock® fastener prevents nut and bolt failures. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
301466	424	4-1/2"	3	1/2"	\$18.00
301470	426	6-1/2"	5	7/8"	\$15.60
301462	420	9-1/2"	5	1-1/2"	\$18.80
301463	421	9-1/2"	5	1-1/2"	\$22.00
301474	430	10"	7	2"	\$18.00
301486	440	12"	7	2-1/4"	\$20.50
301494	460	16"	8	4-1/4"	\$36.80

2-Piece Set Includes 6-1/2" & 9-1/2".

301440	GS-1				\$32.60
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3-Piece Set Includes 6-1/2", 9-1/2" & 12".

301441	GS-3				\$53.80
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301463|Safe-T-Stop™ to prevent finger pinching.



Nutbuster™ Tongue & Groove Pliers

CHAN NEL LOCK Safe-T-Stop™ expanded reinforcing rib/jaw design prevents handles from touching, eliminating pinching fingers between the grips. Parrot nose jaws for strength and gripping power. Constructed of specially-treated, drop-forged steel for maximum strength and durability. PermaLock® fastener eliminates nut and bolt failure. Channellock Blue® comfort grip handles. USA made.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
301460	410	9-1/2"	4	1-1/8"	\$21.50
301461	414	14"	6	2"	\$35.00



V-Jaw Pliers

CHAN NEL LOCK V-shaped jaw with undercut tongue and groove assures no-slip action on round stock and tubing. Right angle teeth grip in all directions for maximum bite, less wear. Reinforced edge minimizes stress breakage. PermaLock® fastener prevents nut and bolt failures. Channellock Blue® comfort grips.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
301464	422	9-1/2"	5	1-1/2"	\$19.10



V-Jaw Tongue & Groove Pliers

Crescent Alloy steel jaws with induction-hardened teeth increase grip and torque. Precision-machined, joint interlock rivet assures smooth, positive joint action without slippage. Long, red non-slip, cushion-grip handles.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
312090	R410CV	10"	6	1-3/16"	\$16.40



GrooveLock Pliers

Vise-Grip Quick-adjust Press-N-Slide™ jaw. Multi-groove ratcheting system, ProTouch™ soft grips. Anti-pinch design.

V-Jaw

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
619477	2078108	8"	13	1"	\$15.80
619478	2078110	10"	16	1-1/2"	\$19.00
619479	2078112	12"	19	2"	\$22.80

Straight Jaw

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
619463	4935095	8"	13	1-3/4"	\$15.80
619464	4935096	10"	16	2-1/4"	\$19.00
619465	4935098	12"	19	2-1/4"	\$20.50



8-Piece Pliers Set

Vise-Grip

Includes 3 GrooveLock pliers (8", 10" & 12"), 10" adjustable wrench, 8" long nose pliers, 8" lineman's pliers, 6" diagonal cutter, 6" slip joint pliers & vinyl pouch.

Stk.	Mfr.	Price
619485	2078712	\$123.00



4-Piece Pro Choice Pliers Set

CHAN NEL LOCK

Includes 8" long nose plier, 7" cutting plier, 9-1/2" tongue & groove plier, 8" slip joint plier.

Stk.	Mfr.	Price
301368	PC-2	\$89.20



8-Piece Tool Roll Pliers Set

CHAN-NEL-LOCK

Includes 3 tongue & groove pliers (6-1/2", 9-1/2" & 12"), 8" long nose plier, 7" cutting plier, 9-1/2" linemen's plier, 7-1/2" end cutting plier/nipper, 8" adjustable wrench & tool pouch.

Stk.	Mfr.	Price
301380	TOOL ROLL NO. 8	\$170.00



619335



619000

The Original Locking Pliers

Vise-Grip Straight jaws provide maximum contact on flat, square or hex work. Constructed of high-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Straight Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
619134	7R	7"	1-1/8"	\$12.10
619335	10R	10"	1-5/8"	\$12.30

Curved Jaw w/Cutter

Stk.	Mfr.	Length	Jaw Capacity	Price
618997	4WR	4"	15/16"	\$12.40
619000	5WR	5"	1-1/8"	\$13.90
619140	7WR	7"	1-1/2"	\$12.10
619340	10WR	10"	1-7/8"	\$12.30

Curved Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
619131	5CR	5"	1-1/8"	\$12.50
619132	7CR	7"	1-5/8"	\$12.10
619333	10CR	10"	1-7/8"	\$12.30



310625



310627

Locking Pliers

Crescent Nickel-plated finish resists rust and corrosion. Maximum jaw opening meets ASME standards. Angled tooth pattern provides secure grip. Precisely machined ferrule for fine jaw adjustment. Non-slip, compound locking grip.

Straight Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
310625	C7SV	7"	1-5/16"	\$14.00
310626	C10SV	10"	1-3/4"	\$15.50

Curved Jaw w/Wire Cutter

Stk.	Mfr.	Length	Jaw Capacity	Price
310627	C5CV	5"	1-1/4"	\$13.20
310628	C7CV	7"	1-5/8"	\$15.00
310629	C10CV	10"	1-7/8"	\$15.90



Fast Release™ Curved Jaw Locking Pliers

Vise-Grip Easy-to-open, no-pinch Fast Release™ with more finger room. Jaw with hardened teeth exerts tremendous pressure on 4

points of any nut or bolt. No-slip ProTouch™ handle provides comfort and leverage, reduces vibration and hand fatigue. Turn screw adjusts pressure, maintains position for repetitive use. Rugged high-grade, heat-treated alloy steel.

Stk.	Mfr.	Length	Jaw Capacity	Price
619343	09T	5"	1-1/8"	\$14.40
619342	07T	7"	1-1/2"	\$14.80
619341	05T	10"	1-7/8"	\$15.00



The Original™ Large Jaw Locking Pliers

Vise-Grip Heavy-duty jaw grips around work of all shapes. Ideal for plumbers, mechanics,

welders and others working with large objects. Constructed of high-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
619420	12LC	12"	3-1/8"	\$18.60



The Original™ Long Nose Locking Pliers w/Wire Cutter

Vise-Grip Long straight nose provides easy

access in narrow hard-to-reach places. Ideal for precision work. High-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks to protect from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
618995	4LN	4"	1-5/8"	\$13.30
619067	6LN	6"	2-1/4"	\$12.70
619260	9LN	9"	2-7/8"	\$15.20



Fast Release™ Long Nose Locking Pliers w/Cutter

Vise-Grip Easy-open, no-pinch release. Long straight nose for hard-to-reach spots. No-slip

ProTouch™ handle reduces vibration and fatigue. Adjustable turn screw stays put for repetitive use.

Stk.	Mfr.	Length	Jaw Capacity	Price
619344	14T	6"	2"	\$15.50



The Original™ Locking Pinch-off Tool

Vise-Grip Locks on and pinches tubing off instantly. High-grade heat treated alloy steel for

durability. Hardened teeth to grip at any angle. Guarded trigger releases quickly and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
619476	RR	8"	3-1/8"	\$16.10



Locking Pliers Set

Crescent Nickel-plated finish resists rust and corrosion. Maximum jaw opening meets ASME standards. Angled tooth pattern provides secure grip. Precisely machined ferrule for fine jaw adjustment. Non-slip, compound locking grip. All pliers have wire cutters.

3-Piece Includes 5", 7" & 10" curved jaw pliers.

Stk.	Mfr.	Price
310638	CLP3SET	\$32.00

5-Piece Includes 5", 7" & 10" curved jaw pliers, plus 6" & 9" long nose pliers.

Stk.	Mfr.	Price
310639	CLP5SET	\$50.50



The Original™ Locking Pliers Sets

Vise-Grip High-grade alloy steel, heat-treated for maximum durability. Hardened teeth to grip at any angle. Adjustable turn screw stays put for repetitive use. Guarded trigger releases quickly and protects from accidental release.

3-Piece Set Includes 10" locking pliers, 7" straight jaw locking pliers & 6" long nose locking pliers.

Stk.	Mfr.	Price
619204	323S	\$45.90

3-Piece Set w/Pouch Includes 2 curved jaw locking pliers w/wire cutter (5", 10") & 6" long nose locking pliers w/wire cutter.

Stk.	Mfr.	Price
619601	73	\$43.10

5-Piece Set w/Pouch Includes 10" straight jaw locking pliers, 10" curved jaw locking pliers, 2 curved jaw locking pliers w/wire cutter (5", 7") & 6" long nose locking pliers.

Stk.	Mfr.	Price
619579	538KBT	\$67.00

6-Piece Set w/Pouch Includes 5" curved jaw, 2 long nose (6", 9"), 2 curved jaw w/wire cutter (4", 10") & 7" straight jaw.

Stk.	Mfr.	Price
619602	641	\$75.70

7-Piece Set w/Pouch Includes 12" large jaw locking pliers, 6" long nose locking pliers, 3 curved jaw locking pliers w/wire cutter (5", 7", 10") & 2 locking wrench w/wire cutter (7", 10").

Stk.	Mfr.	Price
619605	757KB	\$95.90

10-Piece Set w/Pouch Includes 11" locking C-clamp, 9" long nose pliers w/wire cutter, 3 curved jaw pliers w/wire cutter (5", 7", 10"), 3 straight jaw pliers (6", 7", 10") & 2 locking wrench pliers (6", 7").

Stk.	Mfr.	Price
619203	1078KB	\$150.00

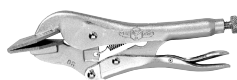


Locking Sheet Metal Clamp

Crescent Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME standards.

Precisely machined ferrule for fine jaw adjustment. Compound action for powerful non-slip locking grip.

Stk.	Mfr.	Length	Jaw Capacity	Price
310636	C8SMV	8"	3/4"	\$20.40



The Original™ Locking Sheet Metal Tool

Vise-Grip

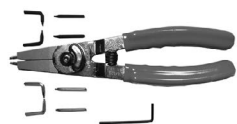
Stk.	Mfr.	Length	Jaw Capacity	Price
619201	8R	8"	3-1/8"	\$17.90



Locking Sheet Metal Tool

Pony Tempered, hardened, drop-forged alloy steel. Precision jaws. Nickel finish.

Stk.	Mfr.	Length	Jaw Capacity	Price
193300	11-410	10"	1-1/2"	\$13.50



Retaining Ring Pliers Set

CHAN NET LOCK Converts from internal to external rings with the switch of a tab.

For external rings 1/4" to 2", internal rings 3/8" to 2".

Includes 6 tip sets (.036", .047" & .070 straight tips, .036", .047" & 90° tips).

Stk.	Mfr.	Price
301540	927	\$33.40



Snap Ring Pliers

Lisle Combination tool for internal and external snap rings that can compress internal rings and expand external rings. Quick-change reversing lever.

Includes 4 tip sets (.045" & .060" straight tips, .045" 45° tips & .035" 90° tips).

Stk.	Mfr.	Price
503872	46000	\$15.20



Convertible Retaining Ring Pliers Set

Proto Patented plier design permits quick change-over to work internal or external rings. Each plier offers several ring sizes. Precision-formed, induction hardened tips for accurate fit and long wear. Tips engage rings securely and hold proper alignment preventing rings from flying loose. Long, ergonomic handles with cushion-grips are clearly marked. Pliers range from 5-7/8"L to 8-5/8"L.

Includes molded case plus, 1 pair each tip size in 0°, 45° & 90° angles: 038", .047", .070" & .090".

Stk.	Mfr.	Price
903060	360B	\$400.00



16-Piece Pliers & Tips Set

OTC Steel, heat-treated internal and external retaining ring pliers with tips to handle many applications.

Includes internal ring pliers, external ring pliers & 16 tip sets (four .038" 90° tips, four .047" 45° tips, plus eight ea. of .047" & .070" straight tips).

Stk.	Mfr.	Price
693317	7053K	\$58.00

SNIPS



MultiMaster® Snips

Wiss Combine the long cut of tinner's snips with the strength of compound action and increase force of the hand by 5 times. Great for making long, fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening and more. Nonslip, serrated jaws cut up to 20 ga. steel. Comfort textured grips.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307016	M300	3"	10-1/2"	Straight	\$22.60



Aviation Snips

Stanley Cuts up to 18 ga. cold-rolled steel or 23 ga. stainless-steel. Forged chrome molybdenum steel cutting blades for strength, durability & long cutting life. Serrated cutting blades provides a sturdy bite to prevent material from slipping during use. Color-coded, slip-resistant bi-material grip. Mfr.'s. limited lifetime warranty.

Meets or exceeds ANSI standards.

Stk.	Mfr.	Overall Length	Type	Price
846810	14-562	12"	Left Cut	\$13.80
846811	14-563	12"	Straight Cut	\$13.80
846812	14-564	12-1/2"	Tight Right Cut	\$13.80



Aviation Pattern Snips

Irwin Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic

ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. 1-hand safety latch is accessible from grips. Cuts up to 18 ga. cold-roll steel, 23 ga. stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619496	2073111	1-5/16"	10"	Left	\$15.80
619497	2073112	1-5/16"	10"	Right	\$15.80
619498	2073113	1-5/16"	10"	Straight	\$15.80



Metalmaster® Snips

Wiss Non-slip serrated jaws are made of wear-resistant molybdenum steel. Handles are

made of high strength steel with non-slip textured grips and hang hole. Self-opening action. Safety latch. Left and right cutting styles cut from tight curves to straight.

Compound Action For cutting up to 18 ga. steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307004	M1R	1-3/8"	9-3/4"	Left	\$22.50
307010	M2R	1-3/8"	9-3/4"	Right	\$22.50
307015	M3R	1-3/8"	9-3/4"	Straight	\$22.50

Bull Dog For notching or trimming up to 16. ga. heavy steel.

307020	M5R	7/8"	9-1/4"	Straight	\$27.70
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Special Series For cutting up to 18 ga. exotic steel. Hardened steel.

307003	M1RS1	1-3/8"	9-3/4"	Left	\$36.30
307005	M2RS1	1-3/8"	9-3/4"	Right	\$36.30



Metalmaster® Vertical Compound Action Snips

Wiss Pro Series vertical compound action snips cut up to 22 ga. cold rolled steel with less fatigue. Unique blade design gives greater mechanical advantage. Comfort-grip handles. Locking blade. 4x longer spring life. USA made.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307030	M8R	1.7"	8.5"	Straight/Left	\$34.20
307031	M9R	1.7"	8.5"	Straight/Right	\$33.90



Metalmaster® Offset Snips

Wiss Offset blades keep hands clear of metal. Non-slip serrated jaw of tough molybdenum

steel withstands strain of cutting 18 ga. low-carbon cold rolled steel and tight curves. Spring-action for fast, effortless feed. High tensile strength steel handle with textured comfort grips. Safety latch.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307021	M6R	1-1/4"	9-1/4"	Straight/Left	\$26.10
307022	M7R	1-1/4"	9-1/4"	Straight/Right	\$26.10



ProTouch™ Offset Snips

Irwin Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic

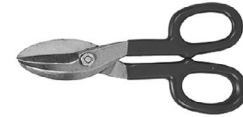
ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. 1-hand safety latch is accessible from grips. Cuts 18 ga. in cold-rolled steel, 23 ga. in stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619501	2073211	1-5/16"	9-1/2"	Left	\$17.70
619502	2073212	1-5/16"	9-1/2"	Right	\$17.70

619100



619488



Tinner Snips

Irwin

Flat Blade Forged of high-quality tool steel. Polished blades are ground for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619100	007	2"	7"	Straight/Wide Curves	\$13.70
619320	010	2-1/4"	10"	Straight/Wide Curves	\$16.00
619415	012	3"	12-3/4"	Straight/Wide Curves	\$20.20

Duckbill Blade Hot drop-forged high-carbon steel duckbill (thin) blades are precision-ground for hollow and bow to insure a tight grip on materials and cleaner cuts. Specially heat-treated for uniform blade hardness.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619488	207	2"	7"	Straight/Tight Curves	\$13.50
619491	210	2-1/4"	10"	Straight/Tight Curves	\$16.50
619493	212	3"	12-3/4"	Straight/Tight Curves	\$20.50



Straight Pattern Snips

Wiss High-quality forged tool steel. Ground polished blades for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Price
307536	A-13N	1-1/4"	7"	\$20.40
307268	A-11N	2-1/4"	10"	\$25.10
307187	A-10N	2-1/2"	11"	\$29.60
307134	A-9N	3"	12-1/2"	\$30.20



Bulldog Pattern Snips

Wiss Forged of high-quality tool steel for industrial use. Polished blades are ground for a keen, strong edge that retains its sharpness.

Powerful leverage for smooth, even cuts. Cushion-grip handles.

307024	W-5N	2-1/2"	16-1/2"	\$68.50
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Duckbill Circular Cutting Snip

Wiss Cut moderately tight curves left or right in light stock as well as straight. Blades of finest hot drop-forged steel, individually hand edged

for maximum cutting. Comfort cushion-grip handle.

Stk.	Mfr.	Cutting Length	Overall Length	Price
307205	V-10N	2-1/4"	10-1/4"	\$20.90

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WIRE STRIPPERS, CRIMPERS & CUTTERS



Electrician's Tool

Craftsman Long, curved cutter requires less force than other tools. 5 bolt cutting stations.

Strips & crimps AWG wire: 10-20.

Stk.	Mfr.	Price
305810	82563	\$23.40



Multi-purpose Wiring Tool

CHAN NEL LOCK Strips wire with no damage to conductor. Scissor-type blades are precision ground and heat-treated to hold their edge.

Cuts machine bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 & 10-24 without damaging threads. Crimps both insulated and non-insulated wire. Channellock Blue® comfort grips. USA made.

Strips AWG wire sizes: 10, 12, 14, 16, 18, 20 & 22.

Stk.	Mfr.	Length	Price
301522	908	8-1/4"	\$22.70



Crimping Tool

CHAN NEL LOCK Precision-forged high grade carbon tool steel. Designed for crimping of both insulated and non-insulated solderless connections and terminals on 10 to 22 AWG wire. Crimping nest is specially hardened. Cutters in nose are honed and hardened to hold clean-cutting edge over many cuts. Slim nose permits crimping in small spaces. Channellock Blue® comfort grips. USA made.

Crimps AWG wire sizes: 10 to 22 (4.0 to .34mm²).

Stk.	Mfr.	Length	Price
301523	909	9-3/4"	\$28.00

Crimping Pliers



Gardner Bender Crimp insulated or non-insulated terminals on 10 to 22 AWG wire. Cuts copper and aluminum wire. Tapered nose. Comfort grips.

Crimps AWG wire: 10 to 22.

Stk.	Mfr.	Length	Price
416719	GS-388	8"	\$11.50



Dual Purpose Wire Stripper/Cutter

CHAN NEL LOCK Cuts copper wire only. Precision-ground, heat treated scissor-type blades

hold their edge. Lean nose pulls and loops wire ends. Precision wire stripping holes. AWG and mm wire gauge sizes are painted and embossed. Blue comfort grips. USA made.

Strips AWG wire: 10, 12, 14, 16, 18, 20 (.80, 1.0, 1.3, 1.6, 2.0, 2.6mm).

Stk.	Mfr.	Length	Price
301560	958	6"	\$16.00



Adjustable Wire Stripper Cutter

Klein Lightweight, compact tool with convenient hole for looping or bending wire. Adjustable slide stop with set screw for repeat stripping work. Black-oxide finish with yellow plastic grips.

Strips AWG solid & stranded wire: 12-26 (2.5 to 0.14mm²).

Stk.	Mfr.	Length	Price
945117	1004	5"	\$11.70



Locking Wire Stripper

Gardner Bender Strips solid or stranded wire. Precision stripping stations with laser-etched markings.

Comfort high-leverage locking handles and power spring return reduce hand fatigue. Looping hole forms wire to fit on screw terminal.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
416728	GS-360	6"	\$13.40



Multi-Tool Stripper/Crimper/Cutter

Irwin Induction hardened cutting stay-sharp edge. Pliers-style nose allows pulling and looping

in wire. Cuts bolts to size and leaves perfect lead thread. Crimps insulated, non-insulated terminals. ProTouch™ comfort grips reduce fatigue.

Strips/cuts AWG wire: 10-22.

Meets or exceeds ANSI standards.

Stk.	Mfr.	Length	Price
619484	2078309	8-1/2"	\$13.50



Multi-Tool Stripper/Cutter/Crimper

Gardner Bender Pliers nose for pulling and looping wire. Curved cutting blade. Comfort high-leverage handles. Crimps insulated and

non-insulated terminals and coaxial F connectors. Precision-ground stripping stations prevent nicking conductor. Cuts, rethreads bolt sizes 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32.

Strips/cuts AWG wire: 10-22.

Stk.	Mfr.	Length	Price
416729	GS-370	8-1/2"	\$16.30



Multi-purpose Electrician's Tool

Klein Two wire cutters - 1 at tip, the other near the stripping holes double the use of

this tool. It features left- and right-hand wire-looping holes near the tip, full-sized plastic-covered handles for comfort, easy-read markings and color-coded crimping dies for easy identification. Pivot nut adjusts tension.

- Crimps insulated & non-insulated terminals (including 7-8 mm ignition terminals), lugs & splices

- Cuts wire & bolts size 6-32, 8-32, 10-32, 10-24, 4-40

Strips AWG solid wire: 8-22 (6.0 to .34mm²) & AWG stranded wire: 10-26 (4.0 to .14mm²).

Grips do not protect against electric shock.

Stk.	Mfr.	Length	Price
945115	1001	8-1/2"	\$31.90



Klein-Kurve® Dual NM Cable Stripper Cutter

Klein 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic-sheathed cable. Cleanly shears 6-32 and 8-32 screws. Strips, cuts and loops 12 and 14 AWG solid wire.

• Curved handles & narrow nose help reach into confined areas

• Strong-gripping serrated nose easily bends, shapes & pulls wire

• Coil spring provides fast self-opening action

• Comfort grips

Strips AWG wire: 12 & 14.

Stk.	Mfr.	Length	Price
945151	K1412	7-3/4"	\$31.50



6-in-1 Stripper Cutter

Klein Shears bolts clean, measures stud sizes, cuts and strips wire, gauges wire sizes and crimps insulated terminals. Cuts bolt sizes 10-24, 10-32, 8-32, 6-32 and 4-40. Plastic covered handles for comfort.

Strips AWG wire: 10 to 22 (4.0 to .34mm²).

Stk.	Mfr.	Length	Price
945114	1000	7-1/2"	\$28.40

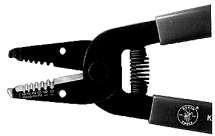


6-in-1 Combination Pliers

Milwaukee Features dual-head design for wire stripping and needle nose functionality. Reamer, wire stripper, bolt cutter, pliers and loop maker are combined into one tool. 1-hand locking. Smooth metal pipe edges from 1/2" to 1" and cut 6-32 & 8-32 bolts. Rust resistant. Mfr.'s limited lifetime warranty.

Strips AWG solid wire: 10-18 & AWG stranded wire: 12-20.

Stk.	Mfr.	Price
577495	48-22-3069	\$33.80



Wire Stripper/Cutters

Klein Gauges, cuts, strips and loops wire. Spring-loaded, self-opening action. Easy-store and carry flat design. Narrow nose fits into tight places. Strips wire quickly, cleanly, evenly. Strong hardened steel with precision-ground stripping holes. Clear gauge markings on both sides. Black oxide finish. Plastic-dipped handles.

Stranded Wire Strips AWG stranded wire: 16, 18, 20, 22, 24, 26 (1.0 to .14mm²).

Stk.	Mfr.	Length	Price
945315	11046	6-1/4"	\$18.10

Solid Wire Strips AWG solid wire: 10, 12, 14, 16, 18 (4.0 to .75mm²).

Stk.	Mfr.	Length	Price
945316	11045	6-1/4"	\$17.20



Heavy-duty Cable Cutters

CHANNEL LOCK Designed for maximum cutting power with minimum effort. Features broader handles and closely-mated cutters for better leverage and extra comfort. Induction-hardened cutting edges are made from special grade carbon steel to permit clean, accurate cuts with minimum cable distortion. Channellock Blue® plastic cushion-grips.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
301525	911	9-1/2"	\$34.00



High-leverage Cable Cutter

Klein Special high-leverage design gives this cutter amazing cutting capability for its size. Ideal for working in confined spaces. Tough, comfortable, red plastic-dipped handles.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
945350	63050	9-1/2"	\$38.50



NM Cable Ripper

Gardner Bender Slits outer covering of Romex® cable (all sizes) and nonmetallic (type NM) sheathed cable. Gauge on handle checks and strips 6-14 AWG wire. Nickel-plated finish resists corrosion.

Stk.	Mfr.	Length	Price
416715	CRC-100	4"	\$2.44



Bolt Cutters

JET Heavy-duty cutters tackle concrete reinforcing rods (rebar), medium tensile and soft bolts, rods, rivets, bars and chains. High-carbon, alloy tool steel jaws. Maximum hardness of material to be cut is Rockwell C-40. Steel angled handles with rubber hand grips for maximum leverage.

Exceeds Specification No. GGG-C 740d Type II. Capacity listed for round stock.

Stk.	Mfr.	Capacity	Length	Price
485999	BC-24BC	3/8"	24"	\$55.80
486000	BC-30BC	1/2"	30"	\$67.50
486001	BC-36BC	5/8"	36"	\$86.10

Center Cut

Stk.	Mfr.	Capacity	Length	Price
485998	BC-18BC	5/16"	18"	\$44.20

INSPECTION & RETRIEVING TOOLS



Precision Tweezers

General Fine quality tweezers with a strong point bevel.

Stk.	Mfr.	Length	Price
418762	401AA	5"	\$9.22



Industrial Tweezers

General Quality tweezers for toolmakers, mechanics, electronic assemblers, repairmen & hobbyists.

Stk.	Mfr.	Item	Length	Price
418764	408	Bent Nose	4-1/2"	\$7.22
418766	410	Narrow Sharp Point Nose	4-1/4"	\$5.94



Lighted Tweezers Set

General Built-in LED illuminates work area. Made from heat-treated steel w/corrosion-resistant black finish. Non-slip cushion grip.

Includes serrated bent tip, serrated blunt tip & smooth pointed tip tweezers.

Stk.	Mfr.	Item	Price
418880	70400	3-Piece Set	\$30.00



Tweezers Set

General Assorted nickel-plated steel tweezers set in a clear vinyl pouch.

Stk.	Mfr.	Item	Price
418770	C421	6-Piece Set	\$41.40



Telescoping Alligator Clip

General Features a pocket clip for easy carrying. Nickel-plated body prevents rust. Jaw capacity is .170".

Stk.	Mfr.	Length	Price
418760	400	5-1/2" - 24"	\$7.53

TOOL BELTS & WORK APRONS



ArmorMAX™ Polyester Tool Belt

Irwin Heavy-duty tool belt with easy access triple-pocket design. Washable. Hammer holder and leather belt.

Shown w/tools, sold separately.

Stk.	Mfr.	Price
452718	4031049	\$55.60



Construction Apron

McGuire-Nicholas Apron features 11 pockets, heavy-duty suede leather, 2 extra large flared main nail pockets, 2 medium-sized front nail pockets, 6 small tool pockets, 2 hammer

loops and a tape pocket for 16'-25' tape rule. Double-stitched main pockets and extra rivet reinforcement throughout. Fully adjustable polyweb belt with quick release buckle.

Stk.	Mfr.	Price
532311	490	\$25.80



7-Pocket Tool Pouch

Klein Soft, pliable, white leather pouch is riveted to assure long life. Moisture-resistant leather retains flexibility even after being wet and dried. Features riveted heavy-duty, chain tape thong and 2-1/4" tunnel loop belt connection. 7" x 9-1/2".

Stk.	Mfr.	Price
945287	5166	\$62.40



Hammer Holder

McGuire-Nicholas Heavy, top grain saddle leather with steel cradle loop hammer/hatchet holder. Rivet reinforcement and 2-1/4"W belt slots.

Stk.	Mfr.	Price
532285	439	\$5.00



Polyweb Belt

McGuire-Nicholas 2"W polyweb work belt. Quick-release buckle. Adjustable to fit sizes up to 46".

Stk.	Mfr.	Price
532320	506	\$5.43



Lightweight Tool Belt

Klein Leather belt holds a lightweight tool pouch. Fits 33" to 45" waist. 1"W.

Stk.	Mfr.	Price
945277	5201	\$14.00



5-Pocket Waist Apron

McGuire-Nicholas Heavy-duty 10 oz. 100% cotton canvas, double-stitched and rivet reinforced at major stress points. Strong polypropylene hammer loops on right and left sides.

Shown w/tools, sold separately.

Stk.	Mfr.	Price
532225	CI4	\$5.16



2-Pocket Waist Apron

McGuire-Nicholas Heavy-duty 10 oz. 100% cotton canvas, double-stitched and rivet reinforced at major stress points.

Stk.	Mfr.	Price
532228	CI7	\$2.92

TOOL KITS



Bricklayer's Apprentice Tool Kits

Marshalltown With these tools, students can learn the art of bricklaying just like the pros. USA made.

Includes tool bag, 11" London trowel, 250' line w/winder, 6" x 2-3/4" pointing trowel, 5" x 2" margin trowel, 1/2" x 5/8" brick jointer, wood line blocks, masonry brush, joint raker & Marshalltown "Tips" book.

Kit w/Nylon Tool Bag

Stk.	Mfr.	Item	Price
528341	BTK2	Kit w/Nylon Tool Bag	\$129.00

Kit w/Canvas Tool Bag

Stk.	Mfr.	Item	Price
528340	BTK1	Kit w/Canvas Tool Bag	\$140.00

Concrete Apprentice Tool Kits

Marshalltown All the tools necessary to teach the skills of the trade. USA made.

Includes tool bag, 14" x 4" finishing trowel, 15" x 2" margin trowel, 16" x 3-1/8" magnesium float, 12" x 5" wood float, 6" x 3" concrete groover, 1/2" groove, 6" x 3" curved end edger, 3/8" radius & Marshalltown "Tips" book.

Kit w/Canvas Tool Bag

Stk.	Mfr.	Item	Price
528342	CTK2	Kit w/Canvas Tool Bag	\$152.00

Kit w/Nylon Tool Bag

Stk.	Mfr.	Item	Price
528352	CTK3	Kit w/Nylon Tool Bag	\$141.00

Drywall Apprentice Tool Kits

Marshalltown Every tool you'll need to teach basic drywalling. USA made.

Includes tool bag, 12" stainless steel mud pan, 15" drywall saw, adjustable utility knife, 9-3/8" x 3-1/4" hand sander, 10" x 3" blue steel taping knife, 6" joint knife, 6" RockWarrior™ utility saw & Marshalltown "Tips" book.

Kit w/Canvas Tool Bag

Stk.	Mfr.	Item	Price
528344	DTK3	Kit w/Canvas Tool Bag	\$114.00

Kit w/Nylon Tool Bag

Stk.	Mfr.	Item	Price
528353	DTK4	Kit w/Nylon Tool Bag	\$114.00



Canvas Tool Bag

Marshalltown Heavy-duty canvas bag with lock stitched seams and a waterproof masonite bottom. Handles, billets and buckles are riveted on a 12 ga. steel frame. Inside pocket. USA made.

Stk.	Mfr.	Size	Price
528566	831	20"W x 15"D	\$51.70



Nylon Tool Bag

Marshalltown 14 multi-purpose inside pockets, 6 outside pockets and 4 outside web pockets. Double-layered, water-resistant nylon with reinforced bottom panel. Padded handles and adjustable shoulder strap.

Stk.	Mfr.	Size	Price
528558	NB203	24"W x 10-1/2"D	\$50.60



Carpenter's Starter Tool Set

Midwest Basic tools for the beginning carpenter, supplied in a tool box. Each of the following items is included with this set.

Stk.	Mfr.	Price
558360	MWCSS-1	\$499.00

Complete Set of Tools for MWCSS-1

Adjustable Clamp I Stair Gauge Sets	Master Lock I Padlock	I Coping Saw
Alvin I Architect's Scale	McGuire-Nicholas I Carpenter's Tool Belt	I Hammer, Curve Claw, 16 oz. I Level, 24" I Nail Set
Ames I Nail Puller, 11"	Nicholson I Hack Saw	I Scratch Awl I Screwdriver, 3" x 3/16"
Great Neck I Utility Bar, 15"	I Handsaw, 8 pt. I Wood Rasp, 4-Way	I Screwdriver, 4" x 1/4" I Screwdriver, 6" x 3/16" I Screwdriver, 6" x 5/16"
Irwin I Chalk Reel, 100" I Drill Bit Set, 13 Pc. I Pliers, Slip Joint, 6"	Proto I Carpenter's Box, Metal	I Square I Steel Tape, 100" I Steel Tape, 25" I Utility Knife I Wrecking Bar, 3/4" x 30"
Johnson I Rafter Square, 7"	Sellstrom 2 Safety Glasses, Black	
Linzer I Varnish Brush, Black China, 2" I Varnish Brush, Poly/Nylon, 2"	Stanley I Block Plane I Chalk, Red, 8 oz. I Chisel Set, 3 Pc. I Combination Square	



Electronics Tool Box Kit

Midwest Electronics tool set supplied in a tool box. Each of the following items is included with this set.

Stk.	Mfr.	Price
558357	MW-ETB	\$395.00

Complete Set of Tools for MW-ETB

Alpha Metals I 60-40 Rosin Solder, 1/2 lb.	Irwin I Long Nose Pliers, 6" I Slip Joint Pliers, 8"	Stanley I Fiberglass Hammer, 16 oz. I Mini Pliers Set, 6 pc. I Multi-bit Screwdriver, 10 pc. I Utility Knife
Crescent I Comb. Screwdriver Set, 4 pc.	Johnson I Sal Ammoniac Bar, 1/2 lb.	Steiner I Denim Shop Apron, 29" x 40"
Eklind I Inch/Metric Hex Key, 16 pc.	Lufkin I Quickread Tape Rule, 1" x 25"	Weller I Desoldering Bulb I Soldering Station
Elenco I Solder Wick, 5'	Nicholson I General Purpose Hacksaw	Wiss I Easy Snip Utility Shear, 9"
Gardner Bender I Digital Multi-meter I Stripper/Crimper, 8-1/2"	Plano I Plastic Tool Box, 26"	X-Acto I X-tra Hands w/Magnifier
General I Precision Screwdrivers, 7 pc. I Stainless Steel Rule, 12"	Pony I Adjustable Wrench, 8" Sellstrom I Clear Safety Glasses	

Woodworking Tool Box Kit

Midwest Woodworking tool set supplied in a tool box. Each of the following items is included with this set.



Stk.	Mfr.	Price
558356	MW-WTB	\$395.00

Complete Set of Tools for MW-WTB

Crescent I Comb. Screwdriver Set, 4 pc.	Nicholson I 1/2-Rnd. Wood Rasp, 10" Bastard I File handle, #1	Stanley I Combination Square, 12" I Coping Saw, 4-3/4" I FatMax Hand Saw, 15" I Fiberglass Hammer, 16 oz. I Multi-bit Screwdriver, 10 pc. I Nail Set, 3 pc. I Pocket Surfform I Torpedo Level, 9" I Utility Knife
CS Osborne I Black Rubber Mallet, 25 oz.	Norton I Rubber Sanding Block I Sandpaper, 100G, 6 pk. I Sandpaper, 150G, 6 pk.	Steiner I Denim Shop Apron, 29" x 40"
General I Dowling Jig Kit I Marking Gauge I Pencil Compass	Plano I Plastic Tool Box, 26"	Wiss I Easy Snip Utility Shear, 9"
Irwin I Double Edge Pull Saw I Drill Bit Set, 13 pc.	Quick-Grip I Bar Clamp, 12" I Spring Clamp, 1" I Spring Clamp, 2"	Sellstrom I Clear Safety Glasses
Lufkin I Quickread Tape Rule, 1" x 25'		
Marples I Wood Chisel, 1"		
McGuire Nicholas I Canvas Waist Apron		

General Tool Box Kit

Midwest General tool set supplied in a tool box. Each of the following items is included with this set.



Stk.	Mfr.	Price
558355	MW-GTB	\$395.00

Complete Set of Tools for MW-GTB

Crescent I Comb. Screwdriver Set, 4 pc.	I Drill Bit Set, 13 pc. I Lineman's Pliers, 8" I Slip Joint Pliers, 8"	I Utility Knife
CS Osborne I Black Rubber Mallet, 25 oz.	Lufkin I Quickread Tape Rule, 1" x 25'	Steiner I Denim Shop Apron, 29" x 40"
Eklind I Inch/Metric Hex Key, 16 pc.	Nicholson I General Purpose Hacksaw	Surebonder I Glue Sticks, 5/16" x 4", 12 pk. I Mini Glue Gun, 5/16"
Gardner Bender I Stripper/Crimper, 8-1/2"	Plano I Plastic Tool Box, 26"	Techni Edge I Knife, #1
General I Inch/Metric Vernier Caliper I Pencil Compass I Precision Screwdrivers, 7 pc. I Stainless Steel Rule, 12"	Quick-Grip I Spring Clamp, 1" I Spring Clamp, 2"	Vise-Grip I Curve Jaw Locking Pliers
Great Neck I Adjustable Wrench, 8"	Sellstrom I Clear Safety Glasses	Weller I Soldering Kit
Irwin I Aviation Snips, Left I Double Edge Pull Saw	Stanley I Fiberglass Hammer, 16 oz. I Multi-bit Screwdriver, 10 pc. I Torpedo Level, 9"	Wiss I Easy Snip Utility Shear, 9"
		X-Acto I X-tra Hands w/Magnifier

Electrician's Tool Kit

Midwest 21-piece tool set supplied in a tool box.



Stk.	Mfr.	Price
558237	MW-ELECT	\$419.00

Complete Set of Tools for MW-ELECT

Crescent I Pliers, Side Cut, 7" I Pliers, Long Nose, 6-5/8" I Pliers, Tongue/Groove, V-Jaw, 10"	I Hacksaw, 12" I Wrench, Adjustable, 6"	Lufkin I Tape Rule, 1" x 25"
Eklind I Hex Key, 9 pc.	Klein I Screwdriver, Conduit I Screwdriver, Comb., 7 pc. I Wire Stripper/Cutter, 10-18 AWG I Wire Stripper/Cutter, 6-in-1	Stanley I Knife, Linoleum Flooring I Hammer, Rip Claw, Fiberglass, 16 oz. I Level, Torpedo, 9" I Tool Box, 24"
Gardner Bender I Solenoid Voltage Tester		
Great Neck I Pliers, Diagonal, 7-1/2"		



Diesel Mechanic's Tool Set

Midwest 30-piece tool set organized in a 5-drawer steel cabinet.

- Full-extension friction drawer slides support 25 lbs. per drawer
- Keyed external lock bar secures property
- Sturdy 4" x 2" casters

Stk.	Mfr.	Price
558238	MW-DIESEL	\$999.00

Complete Set of Tools for MW-DIESEL

Crescent	Linzer	Plumb
Socket & Tool Set, 170 Pc.	Brush, Disposable	Hammer, Fiberglass, 20 oz.
Pliers, Tongue & Groove, 10"	Lisle	Sellstrom
Eklind	Brush, Battery Terminal	Safety Glasses
Hex Key Set, 5 Pc.	Lufkin	Stanley
Gardner Bender	Tape Rule, 1" x 25'	Hammer, Ball Pein, 12oz.
Multimeter, Digital	Marshalltown	Hammer, Ball Pein, 24 oz.
Gearwrench	Putty Knife, Chisel, 1-1/4"	Hammer, Soft Face, 16 oz.
Wrench, Flare Nut, Metric, 6 pc.	Mayhew	Pliers, Long Nose, 6"
Wrench, Comb, Metric, 14 pc.	Punch & Chisel Set, 14 pc.	Screwdriver Set, Comb., 10 pc.
Wrench, Comb., Frac., 14pc.	McGuire-Nicholas	Starrett
Wrench, Flex Flare Nut, 5 pc.	Back Support Belt, XL	Steel Rule, 6"
Great Neck	Milton	Steiner
Pliers, Slip Joint, 18"	Tire Gauge	Leather Work Gloves
Pliers, Lineman's, 18"	Nicholson	Waterloo
Klein	File, Mill Bastard, 10"	Cabinet, Tool
Wire Stripper & Cutter	File, Half Round Bastard, 12"	Weiler
	File, Flat Bastard, 12"	Brush, Wire
	Pelican	
	Clip-On Led Flashlight	



Machinists' Tool Set

Midwest 30-piece tool set organized in a 7-drawer steel chest.

- 20 ga. frame, 22 ga. drawers
- 2-piece, welded friction full depth drawer slides
- 90 lb. capacity per drawer

- Vinyl cushioned, steel top handle
- Wool-felt lined drawers protect precision tools
- Drop-front panel conceals & secures drawers from elements of the work environment (stores in base when not in use)

Drawers

- (4) 8-5/8"W x 7-1/2"D x 1"H
- (1) 8-5/8"W x 7-1/2"D x 2"H
- (1) 18-1/4"W x 7-1/2"D x 1-1/2"H
- (1) 18-1/4" x 7-1/2"D x 2-1/4"H

Stk.	Mfr.	Price
558235	MW-MACHINIST	\$659.00

Complete Set of Tools for MW-Machinist

Blackhawk	Great Neck	File, 3-Square Bastard, 10"
Wrench, Comb., 12 pt., 1/2"	Wrench, Adjustable, 10", 10 pc.	File, Square Bastard, 10"
Chicago Brand	Pliers, Slip Joint, 6"	File, Flat Bastard, 10"
Machinist's Micrometer, 3 pc.	Kennedy	Production Tool
Eklind	Tool Chest	Tool Bit, Square, HSS, 1/2"
Hex Key Set, Ball, 22 pc.	Nicholson	Tool Bit, Brazed, CT, 3/8"
Flexbar	File, Round Bastard, 10"	
Travel Dial Indicator, 1"	File, Bastard, Hand, 10"	
General Tool	File, Half Round Bastard, 10"	
Center Gage		

DRYWALL, CEMENT & BRICKLAYING



Drywall Roll Lifter

Marshalltown Rigid steel construction, ribbed back, weighted nose and roller-wheel combine for moving ease. Permits 1-person handling.

Stk.	Mfr.	Size	Price
528455	RL801	15" x 2-1/4"	\$19.50



Drywall Circle Cutter

Marshalltown Cut sharp, clean circles up to 16" dia. with only 1 hand. Hardened cutter wheel and center pin remain sharp.

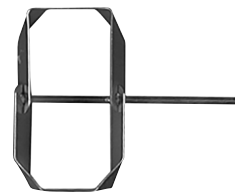
Stk.	Mfr.	Size	Price
528555	CC766	8-1/2"L	\$12.30



Pail Opener

Linzer Open plastic pails and buckets without damaging seal. Use to open joint compound, driveway sealer, and bulk paint containers. Rugged polypropylene construction. No moving parts. Also use as a pail hook.

Stk.	Mfr.	Price
482254	5425	\$2.46



Quick-Mix® Mixer

Marshalltown Ideal for stirring and blending paint, drywall mud and acoustic quickly and lump free. Blade is securely welded to a 3/8" hex shaft. Fits any 3/8" or larger slow speed drill (500 rpm).

Stk.	Mfr.	Length	Price
528565	819	28"	\$19.10



Plastic Mud Pan

Marshalltown For carrying joint compound. Durable plastic pan with metal scraping bar. Resists chemicals and temperature changes. USA made. Pan is 4.5" x 13.5" at top, 3" x 12" at bottom, 3.5"H.

Stk.	Mfr.	Size	Price
528570	914	12"L x 3-1/2"H	\$5.32



Stainless Steel Mud Pan

Marshalltown For carrying joint compound. Tapered ends and sides with mud-tight seams. All sides are sheared to clean knives easily. USA made. Pan is 4-1/2" x 14" at top, 3" x 12" at bottom, 3-1/2"H.

Stk.	Mfr.	Size	Price
528560	812	12"L x 3-1/2"H	\$17.50

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Swivel Pole Sander



Marshalltown For sanding drywall joints. Made of reinforced die-cast aluminum bonded to a foam rubber pad. Fast, positive clamps lock securely to hold the sandpaper in place.

Handle sold separately.

Stk.	Mfr.	Size	Price
528377	26	3-1/4" x 9-3/8"	\$18.00

Hardwood Handle

Stk.	Mfr.	Size	Price
528378	28	4'L	\$9.71

Drywall Hand Sander



Marshalltown Aluminum backing plate bonded to foam pad. Lightweight. 1-piece handle clamp to secure or easily change precut or 1/2 sheet standard sandpaper. For sanding drywall joints. USA made.

Stk.	Mfr.	Size	Price
528370	20D	9-3/8" x 3-1/4"	\$14.70

Blue Steel Taping Knives



Marshalltown Premium tempered blue steel blade with aluminum backing plate and tapered blade for corner work. Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability. USA made.

Stk.	Mfr.	Blade	Price
528596	3510D	10"	\$14.00
528597	3512D	12"	\$15.30
528598	3514D	14"	\$16.20

Pro-Style Blue Steel Taping Knives



Marshalltown Flexible blue spring steel blade, tapered blade for corner work. Lightweight yet very durable. Plastic contoured handle.

Stk.	Mfr.	Blade	Price
528338	BSTK10P	10"	\$7.13
528339	BSTK12P	12"	\$7.48

Hawk



Marshalltown For plastering, masonry and drywall work. Heavy-gauge, hard-rolled aluminum plate with rounded corners for safety. 3-5/8" flange with extended hub threaded for the handle. DuraSoft® handle and sponge rubber callus preventer. USA made.

Stk.	Mfr.	Plate	Price
528360	ID	13" x 13"	\$26.50

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Drywall Corner Trowel



Marshalltown Lightweight tool made from 1-piece flexible stainless steel with aluminum mounting. Blade set at a 103° angle to flex and form a perfect 90° corner. Use to embed tape and smooth out final layer of mud to taped corners. Premium DuraSoft® handle. USA made.

Stk.	Mfr.	Blade	Price
528375	23D	4" x 5" (ea. side)	\$15.80

Curved Drywall Trowel



Marshalltown High-carbon steel blade with slight concave bow to feather mud for perfect drywall joints. Blade is flexible, tempered, ground, polished and fastened with hardened steel rivets. Aluminum alloy mounting is lightweight, but strong. "Diamond Shank" design keeps handle from twisting. Smooth natural finish hardwood handle. USA made.

Stk.	Mfr.	Blade	Price
528365	12	11" x 4-1/2"	\$35.50

Drywall Hammer



Marshalltown Drop-forged head, fully polished milled face. Checkered head design to dimple drywall. Wedge-shaped steel blade is notched underneath to double as a nail puller. Fired-hickory handle.

Stk.	Mfr.	Weight	Length	Price
528557	DH764	12 oz.	13-1/4"	\$28.50

Joint Knives



Master Painter Rust resistant, flexible, spring stainless steel blade. Polypropylene handle resists paint thinners and solvents for easy cleanup.

Stk.	Mfr.	Blade	Price
943300	184	4"	\$3.99
943301	186	6"	\$4.78

Flex Joint Knife



Marshalltown Flex joint knife with soft grip handle for brick, concrete, drywall, EIFS, flooring, paint, plaster stucco, tile and wallpaper.

Stk.	Mfr.	Blade	Price
528355	FJK4HH	4"	\$6.32
528356	FJK6HH	6"	\$7.59

London Pattern Brick Trowels



Marshalltown Blade is taper-ground and polished for correct flexibility and feel. Precision-forged from 1-piece high-quality carbon steel for strong, long-lasting impact area. 1-1/4" wooden handle rise is set for correct hang and balance. USA made.

Stk.	Mfr.	Blade	Price
528386	33-10	10" x 4-5/8"	\$41.70
528388	33-11	11" x 4-7/8"	\$41.70

Wide Trowel

Stk.	Mfr.	Blade	Price
528392	34-10.5	10-1/2" x 5-3/4"	\$41.70



Concrete Trowels

Marshalltown Highest grade carbon spring steel blade cross-ground to hold its shape.

Aluminum alloy mounting fully heat treated for strength, then polished and machine finished. Diamond shank perfectly fits hardwood handle. Hardened steel rivets are properly sized and computer fit for sturdy mounting. USA made.

Stk.	Mfr.	Blade	Price
528440	MX62	12" x 4"	\$34.70
528443	MX64	14" x 4"	\$38.00
528447	MX66	16" x 4"	\$42.30



Margin Trowel

Marshalltown Fully-ground and polished tempered steel blade. Hardwood handle. USA made.

Stk.	Mfr.	Blade	Price
528480	97	5" x 2"	\$3.39



Flexible Pointing Trowel

Marshalltown Blade is forged from a single piece of high carbon steel. Hardwood handle offers integral finger guard to protect against calluses, heat and cold. USA made.

Stk.	Mfr.	Blade	Price
528408	45-5	5" x 2-1/2"	\$14.60



Magnesium Float

Marshalltown Extruded from very hard, durable, lightweight magnesium. Positioned for perfect balance, the wooden handle is secured with torque pad screws that will not back out. For use with air entrained concrete. USA made.

Stk.	Mfr.	Size	Price
528496	145	16" x 3-1/8"	\$25.10



Magnesium Bull Float

Marshalltown Made from the finest extruded magnesium. Lightweight, long-wearing and balanced for exacting finishes. Float has square ends and includes bracket assembly. USA made.

Stk.	Mfr.	Size	Price
528404	B42	42" x 8"	\$153.00

Aluminum Handle

Stk.	Mfr.	Size	Price
528350	B5-72	6'L	\$36.90



Rubber Float

Marshalltown Fine 5/8" thick red rubber pad has a specially-bonded backing plate for long wear. Use on rough and/or textured finishes. USA made.

Stk.	Mfr.	Size	Price
528400	38	9" x 4" pad	\$11.20



Crow's Foot Texture Brush

Marshalltown White tampico hemp 4"L bristles set in clear lacquered hardwood block. Each block measures 1-5/8" x 6-3/8". Both can be center pole mounted. Single brush measures 9" x 13". USA made.

Stk.	Mfr.	Size	Price
528567	844	16-1/2" x 14"	\$25.00



Bricklayer's Hammers

Marshalltown Forged 1-piece high grade steel. Balanced and perfectly fitted hickory handle. For breaking, trimming and cleaning brick. USA made.

Stk.	Mfr.	Weight	Length	Price
528536	600	16 oz.	11"	\$31.10
528537	601	24 oz.	11-1/2"	\$34.20



Soft Low Profile Knee Pads

AWP Contoured design and light weight allows easy movement. Dual elastic straps, hook and loop closure.

Stk.	Mfr.	Qty.	Price
943302	329	2	\$14.20



Joint Raker

Marshalltown 1-3/4" skate wheels with strong, aluminum handle. Easy-grip handle is contoured to fit the hand and is squared off at the end. Hardened nail adjustable to proper depth. USA made.

Stk.	Mfr.	Size	Price
528470	89	8-1/2"L x 3"W	\$13.30



Brick Jointers

Marshalltown High carbon steel with a convex face for striking concave joints. Concave joint helps conceal small irregularities in laying and emphasizes the pattern. Each end makes a different size joint. 10-1/2"L. USA made.

Stk.	Mfr.	Size	Price
528464	83	3/8" & 1/2" joints	\$7.64
528460	80	1/2" & 5/8" joints	\$7.64



Tuck Pointing Trowels

Marshalltown One-piece, high-quality forged carbon steel. Tapered for sturdiness and flexibility. High shank and lift give plenty of hand room. Hardwood handle with metal ferrule. USA made.

Stk.	Mfr.	Size	Price
528530	503	1/4" x 6-1/2"	\$16.40
528532	505	3/8" x 6-3/4"	\$16.40
528533	506	1/2" x 6-3/4"	\$16.40

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Heavy-duty Combination Slicker

Marshalltown Used to make flat mortar joints. High carbon steel, hardened and polished. 10"L. USA made.

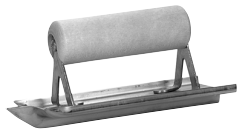
Stk.	Mfr.	Size	Price
528534	560	3/8" x 1/2" joints	\$16.20
528535	562	1/2" x 5/8" joints	\$16.20



Curved-end Edger

Marshalltown Made of heavy gauge stainless steel for long life. Constructed with sturdy steel mounting and Durasoft handle. 6" x 4". Lip 5/8". USA made.

Stk.	Mfr.	Size	Price
528490	138SSD	1/2" Radius	\$13.20



Universal Groover

Marshalltown Stainless steel cement groover with sturdy steel mounting and Durasoft handle. Properly shaped bit and leading edge cut a sharp groove. 6" x 3". USA made.

Stk.	Mfr.	Size	Price
528512	180D	1/2" x 1/2" Groove	\$14.80



Bricklayer's Chisel

Marshalltown For cutting, trimming or cleaning bricks. Forged from the highest-quality tool steel, hardened, tempered and well-balanced. USA made.

Stk.	Mfr.	Size	Price
528539	604B26	7" x 4"	\$22.30



Mason's Chisel

Marshalltown Forged from the highest-quality tool steel, hardened, tempered and well-balanced. USA made.

Stk.	Mfr.	Size	Price
528543	606B115	7-1/2" x 2"	\$14.70



Wood Line Blocks

Marshalltown Shaped from poplar hardwood. USA made.

Stk.	Mfr.	Length	Qty.	Price
528467	86	3-3/4"	2	\$3.12



Nylon Mason's Line

Marshalltown 150 lb. test nylon, size #18. Won't unravel if struck by a trowel. Nylon maintains tension, is not affected by extreme moisture or dryness and won't mildew. White.

Stk.	Mfr.	Length	Price
528550	622	250'	\$8.93
528552	623	500'	\$17.50



Mortar Hoe

Ames Wooden mortar hoe with forged 10" x 6" steel head and 2-hole perforated blade. High-quality 66"L hardwood handle. Durable, forged shank with pinned chrome ferrule.

Stk.	Mfr.	Price
943135	1868400	\$125.00



14" Rapid Cut-off Concrete Saw

Partner Cut masonry, concrete, asphalt, metal and more. 14" blade guard allows a full 5" cutting depth.

- Dual air filter system

• Totally-enclosed dry belt

• Consistent & dependable 2-cycle, 74cc air-cooled gas engine

Includes wet-cutting kit.

Requires blade, sold separately.

Stk.	Mfr.	Engine	HP	Blade Dia.	Arbor	Price
256650	14-804-B2	Gas	5	14"	1"	\$1,332.00

14" Masonry Blade

Stk.	Mfr.	Engine	HP	Blade Dia.	Arbor	Price
256655	14-829-B8					\$26.30



14" Mason Mite II Cut-off Concrete Saw

Husqvarna Tough saws have lifetime sealed bearings that won't require greasing. Cut masonry, concrete, brick and tile. 14" blade guard allows a full 5" cutting depth.

- 2 pivot points reduce saw maintenance & prolong diamond blade life
- Cutting head pivots on bearings that are sealed & lubricated for life
- Position head to desired height, then tighten the lock handle

• Hold the handle & plunge cut blade into the material

• Sta-level® blade guard keeps the blade guard parallel to the cutting table for accurate cuts & safety

• Spring tension counter-balances cutting head and the cutting head height can be adjusted with a lock handle located on the counter balance arm

• Ergonomic steel handle w/molded grip bolts securely into place

• Powder-coated paint resists rust & scratches

• Solid cast aluminum cutting cart w/bonded rubber surface to grip materials

Includes steel water pan.

Requires blade, sold separately.

Stk.	Mfr.	Volts	HP	Blade Dia.	Arbor	Price
256600	11-502-C2	115	2	14"	1"	\$2,789.00

Cast Aluminum Stand

256615	11-583-B3					\$289.00
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14" Diamond Masonry Blade

256670	21-607-B7					\$161.00
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Poly Drum Utility Mixer

Marshalltown Heavy-duty mixer for concrete, feed, seed and other materials. Quad-Mixing System's 4-piece replaceable paddle and blade creates 4 independent mixing patterns. Design helps improve overall batch quality and mixing efficiency. Heavy gauge steel construction, cast iron ring gear and reinforced metal drum.

- Produces 1 batch per minute
- Drum lock secures drum in 1-of-5 positions
- Welded steel frame & heavy bushings
- FDA/NSF/USDA approved non-stick polyethylene drum
- Well balanced tilt handle
- Precision cast, 1-piece ring gear
- Sturdy, in-mold mixing blades
- Hand tow kit
- Drum opening of 15-1/4"
- 25 RPM drum rotation

115V, 1/3 HP. 3.0 cu. ft. drum capacity. Discharge height 20". Overall size 46"L x 30"W x 48"H.

Stk.	Mfr.	Price
528416	MIX61113	\$1,879.00



Portable Wheelbarrow Mixer

Gilson Lightweight portable mixer only weighs 125 lbs. Assembly required.

- High torque electric motor w/on-off switch
- Strong polyurethane drum will not crack or rust & easy to clean
- Ring gear is enclosed for safe operation
- Handles adjust for easy storage
- Can clear 30" door openings

1/2 HP electric motor. 3.0 cu. ft. load capacity w/poly liner.

Stk.	Mfr.	Price
528415	MIX59000D	\$596.00

PLUMBING TOOLS



Internal Pipe Wrench Set

General For removal of broken threaded ends of pipe, pipe plugs and fittings. Hex body can be used with a wrench. 3/8", 1/2", 3/4" pipe sizes marked on each wrench. Heat-treated alloy steel, plated, rust resistant.

Stk.	Mfr.	Item	Price
417894	139ST	3-Piece Set	\$20.20



Basin Wrenches

Ridgid One-hand ratcheting basin wrench with spring-loaded jaws of forged alloy steel. Tension plug holds head in any position up to 90° angle. Chrome-plated handle and shank.

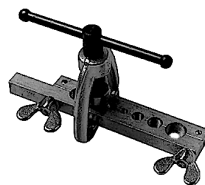
Stk.	Mfr.	Length	O.D. Capacity	Model	Price
692685	31170	10"	3/8" to 1-1/4"	1010	\$44.80
692692	31175	10" to 17"	3/8" to 1-1/4"	1017	\$55.10



Deburring Tool

Ridgid For plastic pipe and tubing. Removes inside burrs and outside ridges. Made of high-grade steel with specially designed, long-lasting cutting edges. Slip-resistant vinyl cushion hand grip.

Stk.	Mfr.	O.D. Capacity	Model	Price
692570	35155	1/2" to 1-1/2"	72	\$32.00



Flaring Tool

General Heavy-duty sliding T-handle and wing nut permits quick opening of hinged steel bars for easy insertion and removal of flared tubing.

Includes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8".

Stk.	Mfr.	I.D. Capacity	Price
417938	155	3/16" to 5/8"	\$36.70



Double Flaring Tool

General Double flaring tool for high-pressure applications in auto, air conditioning and refrigeration. Accurately single or double flares copper aluminum and thin wall tubing for leak-free connections. Quick-opening, plated steel bars for easy tubing insertion and removal. Plated forged yoke for accurate flaring. Case-hardened steel double flare inserts. Rust-resistant parts.

Includes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" & case.

Stk.	Mfr.	I.D. Capacity	Price
417940	157	3/16" to 5/8"	\$65.00



Flaring Tool Model 458R

Ridgid Ratcheting feed screw handle turns using less motion. It's great for confined areas. Eccentrically-mounted hardened steel flaring cone produces rolling action for even metal flow, giving uniform flare walls without galling. Flare steel, stainless steel, hard copper and brass tubing through a wall thickness of 0.035".

- Quick set-up
- 45° flares in 8 sizes
- Clutch releases when flare is complete to iron & smooth flare

Includes 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4".

Stk.	Mfr.	I.D. Capacity	Model	Price
692590	83037	1/8" to 3/4"	458R	\$185.00



Swaging Tools

Ridgid Zinc-plated for accuracy and durability. For copper, aluminum or brass tubing.

Includes 1/4", 3/8", 1/2" & 5/8" in vinyl pouch.

Stk.	Mfr.	I.D. Capacity	Model	Price
692635	52420	1/4" to 5/8"	570	\$55.30

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Swaging Tool Set

General An easy and economical method of joining copper tubing.

- Eliminates the need for coupling
- Heat treated alloy steel, plated to prevent rust
- Hex body prevents rolling & allows easy removal from tube

Includes 1/4", 3/8", 1/2" & 5/8".

Stk.	Mfr.	I.D. Capacity	Price
417937	154ST	1/4" to 5/8"	\$18.40

**4-in-1 Plumbing Brush**

General Cleans both the inside and outside of copper tubing in preparation for solder when sweating pipes. Hardened steel brushes, polypropylene body for strength and durability.

Stk.	Mfr.	O.D. Capacity	I.D. Capacity	Price
417745	114	5/8" to 7/8"	1/2" to 3/4"	\$15.30

**Heavy-duty Pipe Cutter**

Ridgid Wide roll pipe cutter. Featuring extra-wide rolls, this heavy-duty cutter is especially designed for use with power drives. Wide rolls prevent cock or wobble of cutter for straight tracking and cleaner cuts.

Stk.	Mfr.	O.D. Capacity	Model	Price
689804	32820	1/8" to 2"	2-A	\$240.00

Replacement Wheel

Stk.	Mfr.	O.D. Capacity	Model	Price
689871	33105			\$16.70

**PVC Cutter**

General Professional, all-metal tool with ratcheting action easily cuts PVC, PE and ABS pipe. High carbon steel blade for clean cuts and longer sharpness. Features angle cutting and ergonomic locking handle.

Stk.	Mfr.	O.D. Capacity	Price
417870	119	1/8" to 1-5/8"	\$30.60

**Ratchet Cutter**

Ridgid Heavy-duty aluminum cutter with compound leverage ratchet mechanism easily cuts PVC, CPVC, PEX, polyethylene, polybutylene and rubber hose. Quick, tool-free blade changes. Ergonomic lower handle with 1/2" increments (for quick pipe measuring). Easy

thumb-turn safety latch. Bursless cutting operation provides a square cut.

Stk.	Mfr.	O.D. Capacity	Model	Price
692790	23498	1/2" to 1-5/8"	RC-1625	\$89.90

Replacement Blade

Stk.	Mfr.	O.D. Capacity	Model	Price
692795	27858			\$25.00

**PVC Ratchet Cutter**

General Cutter slices through PVC, PEX and ABS pipe up to 2" dia. High-carbon steel blade maintains sharpness and resists chipping. 12" handles and 5-click ratcheting system apply maximum cutting pressure for quick, clean cuts. Safety locking strap.

Stk.	Mfr.	O.D. Capacity	Price
417866	118	2"	\$39.60

**Metal Pipe Cutter**

Ridgid Quick acting, hardened alloy steel precision cutting wheel. Knife edge folding reamer. Frame shaped for balance, strength and weight. Large feed indexing knob.

Stk.	Mfr.	O.D. Capacity	Model	Price
692608	31642	1/4" to 2-5/8"	152	\$118.00

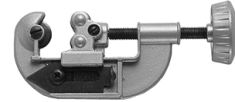
**Screw Feed Tubing Cutters**

Ridgid Clean square cuts are easily made on copper, brass, aluminum and thin wall conduit. Cutters feature a fold-away reamer.

Stk.	Mfr.	O.D. Capacity	Model	Price
689890	32910	1/8" to 1"	10	\$38.80
692362	32920	3/16" to 1-1/8"	15	\$42.00
692414	32930	5/8" to 2-1/8"	20	\$82.00

Replacement Cutter Wheel

Stk.	Mfr.	O.D. Capacity	Model	Price
692615	33160			\$9.10

**Thin Wall Pipe Cutters**

General For cutting copper and other thin wall tubing. Supplied with an alloy steel true cutting wheel, grooved rollers for flared tubing, and a tool steel retractable reamer.

Stk.	Mfr.	O.D. Capacity	Price
417871	120	1/8" to 1-1/8"	\$13.20
417872	125	1/4" to 1-1/2"	\$20.40

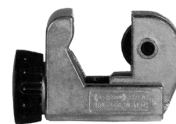
Replacement Cutter Wheel

Stk.	Mfr.	O.D. Capacity	Price
417873	RW121/2		\$5.46

**Tubing Cutter**

Great Neck Mini tubing cutter for cutting copper, aluminum, brass and thin wall tubing in tight or hard-to-reach places. Large knob for greater torque. Hardened flare grooved rollers.

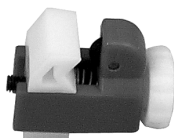
Stk.	Mfr.	O.D. Capacity	Price
281172	TC7C	1/8" to 1-1/8"	\$8.89

**Mini Tubing Cutter**

General Mini tubing cutter for cutting copper, aluminum, brass and thin wall tubing in tight or hard-to-reach places. Large knob for greater torque. Hardened flare grooved rollers.

Stk.	Mfr.	O.D. Capacity	Price
417885	129X	1/8" to 7/8"	\$11.00

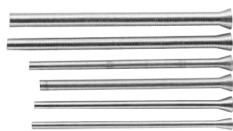
Place your order on-line!
www.midwesttechnology.com



Mini Tubing Cutter

Lisle Smooth nylon action cuts tubing quickly. Small size for use in tight spots. Cuts all type of metal tubing. Easy-to-use nylon cutter is non corrosive for long life.

Stk.	Mfr.	O.D. Capacity	Price
503888	50000	5/8"	\$8.78



Copper Tubing Bender Set

General Eliminate crimping and collapsing of copper and other thin wall tubing. Allows quick bending of copper and other thin wall tubing. Made of special oil-hardened spring steel.

Includes tube sizes 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8".

Stk.	Mfr.	O.D. Capacity	Price
417737	S106	1/4" to 5/8"	\$13.90



Compound Tubing Bender

General Get single-action, 180° bends in copper, brass, thin wall tubing, steel, aluminum, soft wire and rods. Calibrated angle markings from 0° to 180° provide accurate left, right and offset bends. Extra long, ergonomic handles give great leverage and comfort. Made of durable die cast alloy.

Includes 3/16", 1/4", 5/16" & 3/8".

Stk.	Mfr.	O.D. Capacity	Price
417936	153	3/16" to 3/8"	\$33.10



V-Head Pipe Stand

Ridgid A heavy-duty adjustable stand suitable for use with threading machines, roll grooves and more. 28" to 52" height adjustment.

Stk.	Mfr.	O.D. Capacity	Price
692588	56662	1/8" to 16"	\$122.00




Bench Yoke Pipe Vises

Ridgid Yoke and base made of iron. Hardened alloy steel jaws and pipe rest.

Stk.	Mfr.	O.D. Capacity	Model	Price
692484	40080	1/8" to 2"	21	\$234.00
692551	40100	1/8" to 4"	25	\$469.00

“ Would you like to schedule a call or meeting? ”



Kevin Luft ext. 3105
kluft@midwesttechnology.com



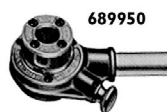
Tri-Stand Chain Vise

Ridgid Portable chain vise stand for up to 6" diameter pipe. Versatile stand is designed to meet rugged jobsite needs year after year.

- Benders are located at the rear of the base & 3 tool hangers are provided
- Provides a conductive surface to connect the weld ground

- Self hooking for 4" pipe
- Leg chain securely retains legs during operation & transport
- Rugged tool tray for prolonged stability

Stk.	Mfr.	O.D. Capacity	Model	Price
689910	36273	1/8" to 6"	460-6	\$580.00



Exposed Ratchet Threader Sets

Ridgid For hand use or threading

with Ridgid Power Drives. Fills low volume threading requirements. Exposed ratchet threaders. Die heads lock into ratchet and handle assembly. Heads easily removed when reversible ratchet knob is pulled out.

Threader Sets

Stk.	Mfr.	O.D. Capacity	Model	Price
689950	36375	1/8", 1/4", 3/8", 1/2", 3/8", 1"	00-R	\$566.00
690072	36475	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	12-R	\$970.00

Ratchet & Handles

Stk.	Mfr.	O.D. Capacity	Model	Price
692216	38540		00-R	\$91.00
690100	30118		12-R	\$103.00



Teflon Tape

Harvey's PTFE thread seal tape made of virgin white Teflon. Provides a strong, tight seal for any threaded joint. Temperature range -400°F to 500°F.

Meets Mil Specification T-27730a.

Stk.	Mfr.	Length	Width	Thickness	Price
943201	017117B	1/2"	14-1/3 yd.	.003"	\$1.52



Repairman's Reamers

Hanson Enlarge holes in sheet metal (w/socket wrench).

1/8" to 1/2" Includes removable handle with 3/8" square drive to use reamer with socket wrench.

Stk.	Mfr.	Price
452674	11214	\$24.80

1/2" to 1" Includes removable handle & plastic pouch.

Stk.	Mfr.	Price
452676	11221	\$47.70

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904



Pipe Reamer

Ridgid Self-feeding spiral ratchet reamer.

Includes handle.

Stk.	Mfr.	Capacity	Price
689808	34955	1/4" to 2"	\$373.00



9" Flexible Spout Oiler

Plews Zinc-plated detachable flex spout with 1/2"-20 thread base and detachable tip threaded 10-32 with closure cap.

Stk.	Mfr.	Capacity	Price
943036	50-337	16 oz.	\$20.20



6" Rubber Spout Oiler

Plews Heavy-duty drawn steel body oiler with durable epoxy finish to resist rust.

Stk.	Mfr.	Capacity	Price
942633	50-595	8 oz.	\$11.20



4-1/2" Rigid Spout Oiler

Plews Body and cap are made of durable, heavy-duty plastic.

Stk.	Mfr.	Capacity	Price
943037	50-590	6 oz.	\$7.82



Threading Oiler

Ridgid This hand-operated threading oiler delivers oil to protect dies and improve thread quality.

- 2-finger trigger & curved anti-slip grip combine w/natural wrist position
- Wider, curved steel nozzle controls oil flow
- Sturdy die-cast body & trigger
- Heavy-duty swiveling nozzle
- Top mounted hang hook
- 6" hose length increases reach

Includes 1 gal. thread cutting oil, bucket w/removable chip tray & 54" hose.

Stk.	Mfr.	Price
692785	10883	\$458.00



Thread Cutting Oil

Ridgid Cool threads and pipe during operation and speed metal removal with oils that provide an even film on metallic surfaces for smoother threads. Sulphur reacts with metal being treated to form sulphides to make a tough chemical film between die and material. Anti-foam agent prevents foam build up. Free of chlorine, halogens, PCB's, heavy metals.

Stk.	Mfr.	Item	Size	Price
692800	70835	Nu-Clear	Gal.	\$37.60
692618	70830	Dark Oil	Gal.	\$34.60



Extreme Performance Aerosol Threading Oil

Ridgid High-performance aerosol mineral oil produces superior quality threads on stainless steel and black pipe. Cools threads and pipe during operation. Speeds metal removal. Use on 1 or 2 threads without set-up or cleanup time. Great for manual and power hand threading applications. For approx. 100 threads.

Stk.	Mfr.	Size	Price
689100	22088	16 oz.	\$21.80

VO-AG TOOL & SUPPLIES



Hand Sprayer

Green Thumb 12-1/2"H adjustable sprayer (stream to mist) with locking thumb-operated control. Tough poly tank.

Stk.	Mfr.	Capacity	Price
943275	79142GT	2 liter	\$15.80



Back Reliever Sprayer

Green Thumb Innovative pump handle and 24" telescoping wand reduces back strain. Stable, 6-footed tank. Large funnel top, braided powder sprayer hose. Thumb control valve with inline filter.

Stk.	Mfr.	Capacity	Price
943281	62192GT	2 gal.	\$28.50



Backpack Sprayer

Solo Four gal. high-pressure chemical sprayer with connecting-rod-actuated piston pump for producing a wide pressure range up to 90 psi. Easily and effectively handles disinfectants, fertilizers, herbicides, pest control, etc. for tree, shrub and plant protection. UV-resistant tank with felt-padded polyester straps, heavy-duty pressure cylinder, easy operating shut-off valve, reversible pump lever.

Stk.	Mfr.	Capacity	Price
943131	425	4 gal.	\$140.00



10-Pattern Pistol Nozzle

Green Thumb Medium-duty sprayer offers 10 watering patterns. Features brushed aluminum finish, insulated handle and quick-connect system. 3-yr. mfr.'s warranty.

Stk.	Mfr.	Price
943129	27161	\$10.10



Hot Water Nozzle

Gilmour Nozzle withstands hot water temperatures up to 160°. Features a brass stem and brass head.

Stk.	Mfr.	Price
942641	465GT	\$10.30



Telescope Watering Wand

Green Thumb 9-pattern, 1-touch adjustable wand combines on/off and precise-flow control, telescopes 36" to 59".

Stk.	Mfr.	Size	Price
943276	56246	36" - 59"L	\$24.40



Nylon Garden Hoses

Green Thumb Medium-duty, nylon-reinforced, 4-ply hose with brass couplings and octagon female ferrule with protective collar. Green with yellow stripes. 7-yr. mfr.'s warranty.

Stk.	Mfr.	Size	Price
943125	156356	5/8" dia. x 25'L	\$22.30
943126	156299	5/8" dia. x 50'L	\$26.60
943127	669133	5/8" dia. x 75'L	\$43.50



Flexogen® Hose

Gilmour Professional-grade, 8-ply hose with heavy-gauge, crush-resistant brass couplings. Flexible construction makes hose handling and coiling easy. O-ring seal guards against leaks. USA made. Mfr.'s lifetime warranty.

Stk.	Mfr.	Size	Price
943269	10-34050	3/4" dia. x 50'L	\$73.30



Soaker Hose

Green Thumb Consistent soaking action above or below ground or mulch, plus in uneven and uphill flower beds. Clog resistant even under mulch or soil. Easy to set flow rate. 7-yr. mfr.'s warranty. Black.

Stk.	Mfr.	Size	Price
943315	1030-25	25'L	\$15.20



Mobile Hose Reel Cart

Suncast Holds 225' of 5/8" hose. Easylink®System ensures watertight connection between reel and hose. Bronze and taupe.

Includes storage bin for small watering accessories.

Shown w/hose, sold separately.

Stk.	Mfr.	Price
943121	SFB200B	\$85.70



Wall Mount Hose Reel

Suncast Reel with slide track hose guide. Holds 175' of 5/8" hose. Fully assembled.

Includes storage tray for accessories, easy link attachment & 3' leader hose.

Stk.	Mfr.	Price
943310	WTS175	\$61.30



Pro Wheelbarrow

Jackson Professional, heavy-duty steel wheelbarrow with 6 cu. ft. seamless heavy-gauge metal tray. Features a 2-ply, 16" x 4" pneumatic tire (8" dia.), oil lube bearings, plus 2 sturdy, 1-piece wooden handles. Blue.

Stk.	Mfr.	Price
943138	M6T22	\$206.00



Anvil Pruning Shear

Green Thumb Traditional 8" pruning shear with 3/4" cutting capacity. Rustproof coated, precision-ground blade. Steel body with comfort-molded grips. Replaceable brass anvil with safety catch.

Stk.	Mfr.	Price
943136	679995	\$11.40



Telescopic Bypass Lopping Shear

Fiskars Power-lever mechanism increases leverage to make cutting easier than single pivot lopper. Fully hardened, precision ground blade with corrosion resistant, non-stick blade coating to make cutting easier. Durable, lightweight fiberglass telescoping handles with comfort grips. Bypass blade for clean cuts of green, living growth. Mfr.'s lifetime warranty.

Stk.	Mfr.	Capacity	Length	Price
943317	91686935	1-5/8"	25"-37"	\$36.60



Ratchet Pruner

Corona Clipper 3-Step ratchet mechanism multiplies 3/4" dia. cutting power. High-carbon steel replaceable blade has non-stick coating. Squeeze and release thumb lock. Polyamid handles with non-slip molded grips. Mfr.'s lifetime warranty.

Stk.	Mfr.	Price
942642	RP-3230	\$16.30



Pruning Saw

Pony Fine-cutting saw has 3 diamond-ground cutting edges. Induction-hardened teeth provide up to 5x longer cutting life. Ergonomic, non-slip grip for extra sawing power. Cuts on the pull stroke for more control when working overhead. Use on dry or green wood. Comes with protective sheath.

Stk.	Mfr.	Length	Price
193220	66414	13"	\$37.80



Trenching Shovel

RazorBack Ideal blade design for trench clean out. 5" x 11" blade. 48" fiberglass handle. Mfr.'s lifetime warranty.

Stk.	Mfr.	Price
618713	47035	\$38.70



Landscape Rake

Ames Aluminum 36" rake.

Stk.	Mfr.	Price
943247	61036A	\$76.40

CHEST & CASE HARDWARE



Lid Supports

National Designed to hold open lids on chests or boxes and to provide protection against slamming.

591400 591415

Folding Lid Support Also supports table legs, shelves. **Includes** screws.

Stk.	Mfr.	Finish	Mount	Qty.	Price
591400	N208-629	Brass Plated	Right	1	\$3.95
591375	N208-611	Brass Plated	Left	1	\$3.95

Adjustable Tension Lid Support **Includes** screws.

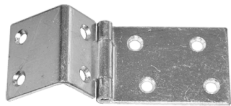
591415	N208-652	Brass Plated	Right	1	\$5.56
591410	N208-645	Brass Plated	Left	1	\$5.56



Spring Balanced Lid Supports

National
Includes screws.

Stk.	Mfr.	Finish	Mount	Qty.	Price
591420	N208-660	Antique Brass Plate	Left	1	\$7.21
591440	N208-678	Antique Brass Plate	Right	1	\$7.21
591450	N208-686	Antique Brass Plate	Center	1	\$7.21



Chest Hinges

National Universally approved as proper hinge for cedar chests.

Includes screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
591350	NI47-181	Brass Plated	1-1/2" x 3/4"	2	\$11.00



Box Corners

National Protects corners while adding a decorative appearance to small chests, jewelry boxes, craft projects, etc.

Includes solid brass screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
591650	N213-462	Antique Brass	9/16" x 1-1/4"	4	\$5.49

CATCHES & HASPS



Locks & Catches

National Lock Great for use on cedar chests. Add a decorative touch to small chests, jewelry boxes, craft projects, etc.

Surface-mount Lock Cylinder is 7/8"L. **Includes** strike, key & screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
591067	C8414-KA-4G	Antique Brass	2-3/8" x 1-7/8"	1	\$31.00

Snap Catch **Includes** screws.

591620	N211-961	Antique Brass Plate	7/8" x 1-3/8"	1	\$3.28
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Draw Catch **Includes** screws.

591360	N208-595	Brass Plated	1-1/2" x 2-7/8"	2	\$5.08
591368	N208-603	Brass Plated	1-3/4" x 3-3/16"	1	\$4.36

Decorative Catch **Includes** solid brass pins.

591610	N211-953	Antique Brass	7/8" x 15/16"	2	\$4.55
591605	N211-946	Polished Brass	7/8" x 15/16"	2	\$4.55

591368|Lockable catch for use with a padlock



Box Hasps

National Solid brass hasps are ideal for crafts, small chests

and jewelry boxes. Surface mount with lock-accepting hasp feature.

Includes pins.

Without Hook

Stk.	Mfr.	Finish	Size	Qty.	Price
591540	N211-474	Antique brass	5/8" x 1-7/8"	1	\$3.19
591530	N211-466	Polished brass	5/8" x 1-7/8"	1	\$3.19
591578	N211-904	Antique brass	3/4" x 2-3/4"	1	\$3.95
591570	N211-896	Polished brass	3/4" x 2-3/4"	1	\$3.95

With Hook

Stk.	Mfr.	Finish	Size	Qty.	Price
591595	N211-920	Antique brass	3/4" x 2-3/4"	1	\$4.67
591588	N211-912	Polished brass	3/4" x 2-3/4"	1	\$4.67



Safety Hasp

National Secure a wide variety of doors, cabinets, boxes, trunks, etc. All screws are concealed when hasp is closed. Ribbed design for extra strength. Ridged non-swivel staple. Made of hot rolled steel with WeatherGuard™ protection.

Stk.	Mfr.	Finish	Size	Qty.	Price
591300	N102-277	Zinc Plated	3-1/4"	1	\$3.92
591301	N102-459	Zinc Plated	6"	1	\$7.46



Bullet Catch

National

Includes pins.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
591640	N219-055	Brass Plated	3/8" dia.	4	\$4.36



Magnetic Catch

National Use on cabinet doors or full size doors. Magnet floats to adjust door movements.

Stk.	Mfr.	Qty.	Price
591760	S826-123	1	\$1.38



Double Roller C-Clip Catch w/Spear

Brainerd

Includes screws.

Includes screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
278697	69201	Unichrome	1-1/4"L x 1/2"H	1	\$1.57

KNOBS, PULLS & HANDLES



Brass Knobs

National East-to-install knobs add a decorative touch.

Stk.	Mfr.	Finish	Size	Qty.	Price
591655	N213-488	Brass Plated	1/2" dia.	2	\$3.75
591660	N213-496	Brass Plated	5/8" dia.	2	\$4.10



Concave Brass Knob

Brainerd

Includes screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
278692	P65015H-PB-C	Polished Brass	1-1/2" dia.	1	\$1.43



Ball Knobs

Dowl-It Unfinished hardwood. Flat on 1 side, drilled with pilot screw hole.

Stk.	Mfr.	Finish	Size	Qty.	Price
341013	63201	Northern Hardwood	1" dia.	25	\$10.20
341014	63205	Northern Hardwood	1-1/4" dia.	25	\$12.20



Round Top Knobs

Dowl-It Unfinished, round top.

Stk.	Mfr.	Finish	Size	Qty.	Price
341011	63005	Northern Hardwood	1" dia.	25	\$10.00
341012	63009	Northern Hardwood	1-1/4" dia.	25	\$13.50



Birch Round Top Knob

Brainerd Unfinished round top.

Includes screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
278691	69220	Birch	1-1/4" dia.	1	\$1.18



Decorative Metal Pull

Liberty

Includes screws.

Stk.	Mfr.	Finish	Centers	Qty./Pkg.	Price
278693	P793A0H-AB-C	Antique brass	3"	1	\$2.24

Tool Box Handles

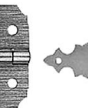
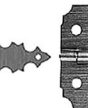
For Tool Box Kits MTK, WTK & JTK. **Includes** handle and 2 cleats.

Stk.	Mfr.	Finish	Qty.	Price
233012	K140N-5	Steel	1	\$2.27

For Tool Box Kits MTK & WTK. Black Handle / Nickel plated fittings

Stk.	Mfr.	Centers	Qty.	Price
232920	350-7415	6" w/fittings	1	\$3.92

HINGES



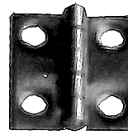
Decorative Hinges

National Solid brass hinges add a decorative appearance to

small chests, jewelry boxes, craft projects, etc. Surface mount.

Includes solid brass pins.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
591560	N211-813	Antique Brass	1-1/8" x 1-1/8"	2	\$3.19
591500	N211-425	Antique Brass	5/8" x 2-3/4"	2	\$3.56
591520	N211-458	Antique Brass	5/8" x 1"	2	\$3.28
591508	N211-433	Solid Brass	5/8" x 1-7/8"	2	\$3.47



Standard Butt Hinges

National Solid brass fast-pin hinges for use on small boxes, chests and cabinets. Surface mount.

Includes screws.

Narrow Hinge

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
942786	N211-193	Solid Brass	3/4"	5/8"	4	\$3.56
942787	N211-177	Solid Brass	1"	3/4"	4	\$4.00
942788	N211-219	Solid Brass	1-1/2"	7/8"	2	\$4.10
942789	N211-235	Solid Brass	2"	1"	2	\$4.92
591459	N211-201	Antique Brass	3/4"	5/8"	2	\$3.28
591458	N211-185	Antique Brass	1"	3/4"	2	\$3.40
591460	N211-227	Antique Brass	1-1/2"	7/8"	2	\$4.10
591470	N211-243	Antique Brass	2"	1"	2	\$4.92
942791	N211-284	Solid Brass	1"	13/16"	4	\$4.47

Medium Hinge

942790	N211-276	Solid Brass	3/4"	11/16"	4	\$3.82
942792	N211-292	Solid Brass	1-1/2"	1"	2	\$4.47
942793	N211-300	Solid Brass	2"	1-3/16"	2	\$5.08

Broad Hinge

591493	N211-359	Solid Brass	1-1/2"	1-1/4"	2	\$4.67
942794	N211-326	Solid Brass	3/4"	1"	4	\$4.30
942795	N211-334	Solid Brass	1"	1"	4	\$4.55
591494	N211-375	Solid Brass	2"	1-3/8"	2	\$5.49
591490	N211-342	Antique Brass	1"	1"	2	\$3.75
942796	N211-367	Antique Brass	1-1/2"	1-1/4"	2	\$4.67
942797	N211-383	Antique Brass	2"	1-3/8"	2	\$5.49



Narrow Butt Hinges

National Solid brass fast-pin hinges for use on small boxes, chests and cabinets. Surface mount.

Includes screws.

Non-removable Pin

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
942760	N145-920	Zinc Plated	1"	1"	2	\$3.56
942761	N146-043	Zinc Plated	1-1/2"	1-7/16"	2	\$3.75
942762	N146-159	Zinc Plated	2"	1-9/16"	2	\$4.00
942763	N146-258	Zinc Plated	2-1/2"	1-11/16"	2	\$4.67

Removable Pin

942764	N141-739	Zinc Plated	1-1/2"	1-7/16"	2	\$4.30
942765	N141-838	Zinc Plated	2"	1-9/16"	2	\$4.74
942766	N141-945	Zinc Plated	2-1/2"	1-11/16"	2	\$5.49



Continuous Hinges

National Use on chests, cabinets, folding tables, etc. Screw holes are spaced at 2" intervals. Cold-rolled steel hinge and pin can be cut to desired length. Friction-type steel pin will not fall out. Surface mount allows easy installation.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
591750	N265-355	Polished Brass	1-1/16" x 12"	1	\$7.03
591752	N265-371	Nickel Plated	1-1/16" x 12"	1	\$7.03
591342	N148-205	Polished Brass	1-1/16" x 30"	1	\$11.40
591343	N148-221	Nickel Plated	1-1/16" x 30"	1	\$11.40
591346	N148-353	Polished Brass	1-1/16" x 48"	1	\$15.90
591347	N148-379	Nickel Plated	1-1/16" x 48"	1	\$15.90
591751	N265-363	Polished Brass	1-1/2" x 12"	1	\$7.75
591753	N265-389	Nickel Plated	1-1/2" x 12"	1	\$7.75
591340	N148-155	Polished Brass	1-1/2" x 30"	1	\$12.60
591341	N148-171	Nickel Plated	1-1/2" x 30"	1	\$12.60
591344	N148-304	Polished Brass	1-1/2" x 48"	1	\$16.50
591345	N148-320	Nickel Plated	1-1/2" x 48"	1	\$16.50



Inset Hinges

National Steel hinges for use on cabinet doors.

Includes screws.

Stk.	Mfr.	Finish	Qty.	Price
591770	S826-370	Chrome	2	\$2.98
591771	S838-219	Brass	2	\$2.98

GENERAL HARDWARE



Braces

National Flat design allows for quick and easy surface repairs to chests, screens, windows, etc.

942770 942767 942772

Chair Braces **Includes** screws.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
942770	N176-347	Antique Bronze	1" x 3/4"	4	\$4.62

Corner Braces

942767	N266-270	Zinc Plated	1" x 1/2"	1	\$0.58
942768	N266-361	Zinc Plated	2" x 5/8"	1	\$0.85
942769	N266-395	Zinc Plated	3" x 3/4"	1	\$1.33

Flat Corner Braces

942772	N266-460	Zinc Plated	1-1/2" x 3/8"	1	\$0.65
942773	N266-486	Zinc Plated	2" x 3/8"	1	\$0.67
942774	N266-528	Zinc Plated	3" x 1/2"	1	\$0.98



Lazy Susan Bearings

Primex All ball-bearing construction, one piece.

Stk.	Mfr.	Capacity	Size	Price
589910	57082	200 lbs.	3"	\$2.30
589914	57138	300 lbs.	4"	\$2.70
589918	57059	500 lbs.	6"	\$4.86
589925	57012	1,100 lbs.	12"	\$11.50



Screw Bumpers

Shepherd Bumpers protect surfaces and deaden sound. Not for use under chair legs.

Stk.	Mfr.	Material	Size	Qty./Pkg.	Price
942668	19131	White Rubber	7/8" dia.	4	\$1.80
942685	19136	Brown Plastic	7/8" dia.	4	\$2.04



Screw Eyes

Hillman Zinc-plated steel.

Small Eye

Stk.	Mfr.	Length	Size	Qty./Box	Price
527726	320072	1-3/16"	10 ga.	100	\$7.02
527727	320081	15/16"	12 ga.	100	\$7.02
527728	320087	13/16"	14 ga.	100	\$7.02
527729	320096	1/2"	16.5 ga.	100	\$5.92

Medium Eye

527732	320039	1-9/16"	8 ga.	100	\$17.30
527736	320045	1-1/4"	10 ga.	100	\$11.90
527737	320048	1-1/8"	12 ga.	100	\$7.02



Corrugated Joint Fasteners

Tower Bright Steel

Stk.	Mfr.	Width	Corrugations	Qty.	Price
942502	122706	3/8"	5	100	\$2.33
942512	122707	1/2"	5	100	\$3.03
942528	122708	5/8"	5	100	\$3.35



Clothespins

Midwest Wooden clothespin with metal spring.

Stk.	Mfr.	Qty.	Price
943282	3912753-50	50/pkg.	\$5.59

CLIPBOARD PARTS



Clipboard Clips

Delvies Strong coiled spring-clamping action. 2-hole mounting. Vertical paper stops.

6" clamping base.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
773000	220	Bright Nickel	6" Clamping Base	1	\$2.60

Clipboard Fasteners

Hillman

Stk.	Mfr.	Item	Size	Length	Qty./Box	Price
527556	101053	Machine Screw	8-32	1/2"	100	\$3.49
527885	180078	Acorn Nut	8-32		100	\$13.90

SHELF PINS



Shelf Supports

Shop Fox Clear supports for easy-to-adjust shelving. Drill holes and insert the supports.

Stk.	Mfr.	Size	Qty.	Price
785680	D3146	13/64" dia. x 5/16"L	12	\$2.66

Shelf Pin Jigs

Kreg Add shelf pin holes to existing furniture or to shelves built from scratch. Hardened steel drill guides ensure precise and straight drilling.

- Quick switch fence can be easily removed & moved to the other side of the jig

- Standard hole size/spacing drill guides are placed at 32mm apart

- Multiple jigs may be connected together for more length

Includes shelf pin jig, locating pin, jig extender, specialized drill bit, depth collar, allen wrench, 4 shelf pins & instruction manual.

Stk.	Mfr.	Size	Price
793897	KMA3200	1/4" Kit	\$34.70
793898	KMA3220	5mm Kit	\$34.70

CASTERS



Plate Casters

Shepherd General-duty, swivel plate wheels are long wearing and low cost. Lightweight polypropylene wheels are non-marking, impervious to water, good chemical

resistance. Soft rubber wheels offer heavy loads quiet, floor protecting mobility on smooth, hard surfaces and finished concrete.

Swivel Casters

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
943115	9392	2" Polypropylene	1-7/8" x 2-9/16"	125 lb.	\$2.64
943116	9478	2-1/2" Rubber	2-3/4" x 3-7/8"	175 lb.	\$6.39
943117	9479	3" Rubber	4-1/8" x 3-1/8"	210 lb.	\$8.04

Locking Swivel Casters

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
943120	9511	3" Rubber	4-1/8" x 3-1/8"	210 lb.	\$8.74

Rigid Casters

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
942954	9481	2" Rubber	1-1/2" x 2-21/32"	125 lb.	\$2.73
943118	9482	2-1/2" Rubber	2-1/8" x 4-3/8"	175 lb.	\$5.19
943119	9483	3" Rubber	2-5/16" x 4-7/8"	210 lb.	\$6.77

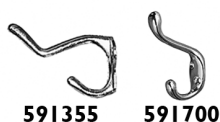


3-Wheel Dolly

Shepherd Steel construction with tough polyolefin wheels swivel easily on steel ball bearings. For moving heavy furniture and machinery.

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
942957	9299	1-1/4" Soft	6-7/8" x 5-11/16"	200 lb.	\$9.34

HANGERS & HOOKS



Hooks

National Polished brass.

Coat & Hat Hook Includes screws.

Stk.	Mfr.	Projection	Qty./Pkg.	Price
591355	N178-897	2-3/4"	2	\$2.73

Heavy-Duty Hook

591700	N248-229	1-3/4"	1	\$5.78
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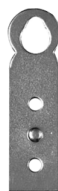


Cup Hooks

Hillman

Stk.	Mfr.	Finish	Projection	Qty./Pkg.	Price
527715	320397	Solid Brass	1/2"	100	\$13.80
527716	320403	Solid Brass	3/4"	100	\$17.10
527717	320408	Solid Brass	1"	100	\$28.20
527718	320414	Solid Brass	1-1/2"	50	\$23.70

We're experts when it comes to setting up your classroom, shop & lab.
Call us at 800-831-5904.



Hangar Plate

National Steel Hangar Plate

Includes screws.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
591630	N213-413	Brass Plated	9/16" x 2"	4	\$3.28

514236



Picture Hangars

Anchor Wire



514252

Sawtooth Hangar Attach to back of frame. Easy-level notches.

Stk.	Mfr.	Size	Qty./Pkg.	Price
514252	I21136	Large (2-1/4")	5	\$1.12
514194	PFSH20	Large (2-1/4")	100	\$11.20
514253	I21140	Small (1-5/8")	6	\$1.12
514193	PFSH10	Small (1-5/8")	100	\$7.80

Steel Hook Hangars For all wall types. Includes matching-weight nails.

Stk.	Mfr.	Size	Qty./Pkg.	Price
514236	I21020	20 lb.	8	\$0.93
514237	I21030	30 lb.	6	\$0.93



Picture Hangar Assortment

Hillman Picture hanging assortment.

Includes brass nails (#16 x 1" & 1-1/2", #18 x 1/2"), brass screw eyes (#2 x 5/8"), galvanized picture wire (10' x 7 ga.), brass hangers (10 lb., 30 lb., 50 lb., 100 lb.), 1-3/4" brass cup hooks, 1-3/4" brass shoulder hooks, brass thumbtacks, picture pender, push pins & sawtooth hangers.

Stk.	Mfr.	Price
514285	I30278	\$19.20



Pegboard Hooks

National Galvanized steel.

1/8" & 1/4"

Stk.	Mfr.	Projection	Qty./Pkg.	Price
943054	N235-101	2"	1	\$0.65
943055	N235-119	4"	1	\$0.75
943056	N235-127	6"	1	\$0.83

1/4"

Stk.	Mfr.	Projection	Qty./Pkg.	Price
943057	N235-234	4"	1	\$1.01
943058	N235-242	6"	1	\$1.14
943059	N235-259	8"	1	\$1.30



47-piece Pegboard Hook Assortment

Crawford Mounts in 1/8" & 1/4" pegboard.

Includes 6 pegboard mounting screws & spacers, straight hooks (8 ea. 1" & 6 ea. 1-1/2"), curved hooks (6 ea. 1/4" & 4 ea. 1"), two 2" double prong straight hooks, two 6" shelf brackets, 2 grip clips, 2 pliers holders, 2 tool holders & multi-tool rack.

Stk.	Mfr.	Price
943316	I851A	\$7.60

DOWEL RODS, JIGS & SUPPLIES

Birch Dowel Rods

Cincinnati Dowel Sanded wooden dowels for toy uses & craft applications of all types. Holds straightness through entire length. Accurate diameters.

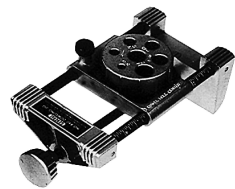
Quantity Savings!

36" L Dowel Rods

Stk.	Mfr.	Size	Qty.	Price	Qty. Price
473990	36-1/8	1/8"	1	\$0.35	100 or more \$0.29
473995	36-3/16	3/16"	1	\$0.40	100 or more \$0.34
474000	36-1/4	1/4"	1	\$0.53	100 or more \$0.44
474067	36-5/16	5/16"	1	\$0.79	100 or more \$0.67
474134	36-3/8	3/8"	1	\$1.13	100 or more \$0.95
474140	36-7/16	7/16"	1	\$1.54	50 or more \$1.31
474201	36-1/2	1/2"	1	\$1.73	50 or more \$1.47
474268	36-5/8	5/8"	1	\$2.72	25 or more \$2.29
474335	36-3/4	3/4"	1	\$3.91	25 or more \$3.31
474340	36-7/8	7/8"	1	\$5.87	15 or more \$4.99
474402	36-1	1"	1	\$6.12	10 or more \$5.20
474404	36-1-1/4	1-1/4"	1	\$9.55	9 or more \$8.10

48" L Dowel Rods

Stk.	Mfr.	Size	Qty.	Price	Qty. Price
473991	48-1/8	1/8"	1	\$0.50	100 or more \$0.42
473996	48-3/16	3/16"	1	\$0.59	100 or more \$0.49
474001	48-1/4	1/4"	1	\$0.80	100 or more \$0.67
474068	48-5/16	5/16"	1	\$1.12	100 or more \$0.94
474135	48-3/8	3/8"	1	\$1.60	100 or more \$1.35
474141	48-7/16	7/16"	1	\$2.23	50 or more \$1.89
474202	48-1/2	1/2"	1	\$2.48	50 or more \$2.09
474269	48-5/8	5/8"	1	\$3.97	25 or more \$3.35
474336	48-3/4	3/4"	1	\$5.69	25 or more \$4.82
474341	48-7/8	7/8"	1	\$6.39	15 or more \$5.42
474403	48-1	1"	1	\$8.72	10 or more \$7.41
474405	48-1-1/4	1-1/4"	1	\$13.40	9 or more \$11.40



Pro™ Doweling Jig Kit

Bendpak A simple tool for making fast, accurate dowel holes in furniture and other carpentry projects. Slide jig over the wood surface and use the revolving turret to drill precise dowel holes. Rust-resistant plated turret and parts. Use for end-to-end, edge-to-edge and edge-to-

end doweling. Jig accepts 6 twist bit sizes (3/16", 1/4", 5/16", 3/8", 7/16" & 1/2"). Fits stock up to 4".

Includes 1/4", 5/16" & 3/8" accessory kit (3 brad point drill bits, 3 steel stops w/wrench, 6 dowel centers, 30 asst. dowel pins), plus craft glue & instructions.

Stk.	Mfr.	Price
419625	840	\$46.00



E-Z Pro™ Doweling Jig Kit

Bendpak Everything needed to easily make strong, professional 1/4", 5/16" and 3/8" wood joints. Heavy-duty aluminum jig simplifies doweling process for creating edge-to-edge, right angle and edge-to-surface joints. Pointed notches on the jig's working edges precisely centers drill bit. Ideal for 5/8" to 1" stock.

Includes 1/4", 5/16" & 3/8" accessory kit (3 brad point drill bits, 3 steel stops w/wrench, 6 dowel centers, 30 asst. dowel pins), plus instructions.

Stk.	Mfr.	Price
419629	841	\$39.50



Self-centering Doweling Jig Kits

Dowl-It Self-centering guide assures accurate center drilling, even on round objects. Large 2" capacity. The solid steel guide center holes are precision drilled and reamed to exact size for extreme accuracy. USA made.

Drill sizes 1/4", 5/16", 3/8", 7/16" & 1/2" (7/16" & 1/2" holes are permanently drilled in center bar).

Stk.	Mfr.	Item	Price
341000	1000		\$68.60

Same as above, but with removable screw-in bushings for extra hole patterns & 2 permanently drilled holes in the center guide. **Includes** drill sizes 7/16" & 1/2", plus 2 each 1/4", 5/16", 3/8" removable bushings for drilling 2 same size parallel holes on 3/4" centers.

Stk.	Mfr.	Item	Price
341010	2000	Self-centering Jig w/Removable Bushings	\$76.20



Dowel Centers

Clesco Quickest and most accurate method to locate, transfer and match dowel holes. Nickel plated steel.

Stk.	Mfr.	Size	Qty.	Price
305420	TC-14	1/4"	1	\$0.59
305421	TC-516	5/16"	1	\$0.66
305422	TC-38	3/8"	1	\$0.69
305423	TC-12	1/2"	1	\$0.87

8-Piece Kit Includes 2 each of size 1/4", 5/16", 3/8", 1/2" dia.

Stk.	Mfr.	Size	Qty.	Price
305398	TC-8			\$4.74



Doweling Accessory Kit

General

Includes 1/4", 5/16" & 3/8" accessory kit (3 brad point drill bits, 3 steel stops w/wrench, 6 dowel centers, 30 asst. dowel pins).

Stk.	Mfr.	Price
419627	8401	\$15.50



Dowel Pins

Woodworks

Multi-grooved Precision cut for straightness and diameter size for a perfect fit every time.

Stk.	Mfr.	Size	Qty./Pkg.	Price
984006	MG4200-100	1/4" x 2"	100	\$4.14
984012	MG6200-100	3/8" x 2"	100	\$4.84

Spiral-grooved Made from domestic white birch and kiln dried. Provides excellent glue dispersion and bonding qualities.

Stk.	Mfr.	Size	Qty./Pkg.	Price
984010	SG6200-100	3/8" x 2"	100	\$4.50
984011	SG6200-1000	3/8" x 2"	1000	\$31.50

120-Piece Dowel Pin Kit

Cincinnati Dowel Multi-groove birch dowel pins.

Includes fifty 1/4" x 1-1/2", twenty 3/8" x 2", fifty 3/8" x 1-1/2" & case.



Stk.	Mfr.	Qty.	Price
403050	DPK-1	120	\$15.00

WOODEN PARTS



984005

984003

Pegs

Woodworks Furniture-grade northern hardwood pegs. USA made.

Mug Pegs

Stk.	Mfr.	Tenon Dia.	Length	Size	Qty./Pkg.	Price
984005	MP1BIR-100	1/2"	5/8"	5/8" x 3-3/8"	100	\$30.00

Shaker Pegs & Mini Shaker Pegs

984003	HP1BIR-100	1/2"	1/2"	7/8" x 3-1/2"	100	\$35.70
984004	HP6BIR-100	1/4"	1/4"	1/2" x 1-3/4"	100	\$13.80



403128

403130

403132

Spindles

Dowl-It Northern hardwood spindles. USA made.

Stk.	Mfr.	Tenon Dia.	Length	Size	Qty./Pkg.	Price
403127	61628	1/4"	3/16"	9/16" x 1-1/2"	50	\$9.32
403128	61629	1/4"	3/16"	9/16" x 1-1/2"	100	\$15.00
403130	61571	3/8"	3/8"	7/8" x 2-1/4"	100	\$6.02
403132	61605	3/8"	1/4"	3/4" x 2-1/8"	100	\$5.97



Wooden Blocks

Woodworks Unfinished wood cubes.

Stk.	Mfr.	Size	Qty.	Price
984015	SQ0750-100	3/4" x 3/4" x 3/4"	100	\$13.70
984016	SQ0750-1000	3/4" x 3/4" x 3/4"	1,000	\$87.50



Wheels & Axle Pegs

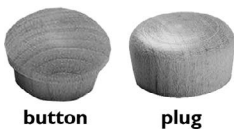
Dowl-It Northern Hardwood. USA made.

Wheels

Stk.	Mfr.	Dia.	Size	Qty./Pkg.	Price
403200	65603	1"	3/8" thick	100	\$15.60
403250	65611	1-1/2"	1/2" thick	100	\$28.80
403300	65619	2"	5/8" thick	100	\$54.00

Axle Pegs

403136	65703	1/4" axle	1-1/4"L, 1/2" head	100	\$13.20
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Screw Hole Buttons & Plugs

Dowl-It

Buttons

Stk.	Mfr.	Size	Wood	Qty./Pkg.	Price
341031	60001	1/4"	Hardwood	100	\$4.73
341032	60005	3/8"	Hardwood	100	\$5.15
341034	60033	3/8"	Oak	100	\$7.97
341033	60009	1/2"	Hardwood	100	\$6.76
341036	60061	3/8"	Walnut	100	\$11.10
341035	60037	1/2"	Oak	100	\$9.16
341037	60065	1/2"	Walnut	100	\$15.50

Round Head Plugs

341038	60505	3/8"	Hardwood	100	\$4.95
341039	60533	3/8"	Oak	100	\$8.36
403095	3/8"	3/8"	Walnut	100	\$1.49
403110	1/2"	1/2"	Walnut	100	\$1.52



Screw Hole Button Kits

Cincinnati Dowel Mushroom screw hole buttons.

3/8" Button Kit Includes 100 ea. of birch, oak, walnut & cherry, plus case.

Stk.	Mfr.	Qty./Kit	Price
403049	SBK-2	400	\$32.60

1/2" Button Kit Includes 50 ea. of birch, oak, walnut & cherry, plus case.

Stk.	Mfr.	Qty./Kit	Price
403048	SBK-1	200	\$32.60

LOCKS



Disc Tumbler Locks

National Lock Five-disc tumbler lock of bright nickel. 1-3/4" x 1-1/2" body, each with a unique key.

Cylinder 15/16"L, 7/8" dia. Deadbolt travel 1 1/32". Center of Cylinder to edge 3/4".

Includes 2 keys with each lock.

Disc Tumbler Lock

Stk.	Mfr.	Price
591201	C8703-KD-14A	\$15.20

Master Keyed Disc Tumbler Lock Same as above, but lock also has master-key option (Master key sold separately).

591268	C8703-MKKD-14A	\$18.40
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Cylinder Lock

National Lock Locks are master keyed with regular key changes. For doors with lipped or flush construction. 90° cam turn. Key can be removed in locked and unlocked positions. Bright nickel.

Cylinder 5/8"L. Max. material thickness 15/64".

Cylinder Lock

Stk.	Mfr.	Price
591134	C8052-MKKD-14A	\$15.20

Master Key

National Lock For Mfg. C8703-MKKD-14A & C8052-MKKD-14A.

Stk.	Mfr.	Price
591000	E41A	\$5.66



Combination Locks

Master Lock BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent re-opening of lock.

For security reasons, all Master combination locks are shipped direct from factory.

Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
145067	1502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$7.34

Keyed Lock For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

145134	1525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$8.22
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Control Key

145000	1525K			\$4.49
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Laminated Padlocks

Master Lock Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.

No. 7 Hardened boron shackle. Body 1-1/8"W. Shackle 3/16" dia. x 9/16"H x 1/2"W. Cylinder 4-pin W7.

Stk.	Mfr.	Item	Series No.	Price
144984	7	Keyed Different		\$9.09
144987	7KA	Keyed Alike	P605	\$10.30
144988	7MK	Master Keyed	M30	\$15.10
144986	K7	Master Key Only	M30	\$4.38

No. 3 Body 1-9/16"W. Shackle 9/32" dia. x 3/4"H x 5/8"W. Cylinder 4-pin W1.

Stk.	Mfr.	Item	Series No.	Price
144980	3	Keyed Different		\$10.40
144981	3KA	Keyed Alike	3769	\$12.60
144982	3MK	Master Keyed	SM742	\$17.40
144970	K1	Master Key Only	SM742	\$4.38

No. 1 Body 1-3/4"W. Shackle 5/16" dia. x 15/16"H x 3/4"W. Cylinder 4-pin W1.

Stk.	Mfr.	Item	Series No.	Price
144950	1	Keyed Different		\$12.60
144951	1KA	Keyed Alike	2510	\$12.50
144952	1KAMK	Master Keyed	AF	\$18.10
144953	K1	Master Key Only	AF	\$4.38

No. 15 Body 2-1/2"W. Shackle 7/16" dia. x 1-1/4"H x 1-3/16"W. Cylinder 5-pin W15.

Stk.	Mfr.	Item	Series No.	Price
144990	15	Keyed Different		\$27.20
144991	15KA	Keyed Alike	10N150	\$28.20
144992	15MK	Master Keyed	M80	\$31.70
144993	K15	Master Key Only	M80	\$4.38

KEY KEEPERS



494000 494002

24" Chrome Bracket Mount Key-Bak®

Key-Bak Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key or tool use at arm's

length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Large Swivel Without split ring for larger items.

Stk.	Mfr.	Price
494000	7LSC	\$15.10

Small Swivel 1-1/8" split ring for holding small tools, instruments, etc.

Stk.	Mfr.	Price
494002	7	\$14.10

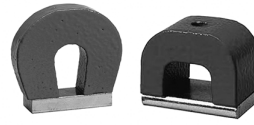


Super 48" Key-Bak®

Key-Bak Case made from durable polycarbonate material. Carries up to 15 keys. Attachment to your belt is done either by a metal clip that can convert to a belt loop (with the enclosed pin) or a leather loop that slides onto a belt. Patented ball-joint feature secures the keys firmly in place.

Stk.	Mfr.	Item	Price
494005	S48K	Belt Clip / Loop	\$15.90
494006	S48-LEK	Leather Loop	\$18.20

MAGNETS



418072 418139

Power Magnets

General Strong and permanent magnets made of aluminum, nickel and cobalt alloy are great for lifting, holding, sorting, clamping or riveting steel or iron parts. Top hole for attaching conveyors, racks & welding jigs.

Includes steel keeper.

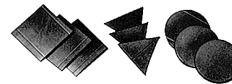
Stk.	Mfr.	Item	Size	Weight	Pull	Price
418072	370-1	Pocket Magnet		1 oz.	2- 1/4 lbs.	\$7.77
418139	370-4	Power Magnet	3/16" hole top	4 oz.	22 lbs.	\$24.00
418206	370-6	Power Magnet	3/16" hole top	6 oz.	30 lbs.	\$32.10



Flexible Magnetic Tape

Master Magnetics Powerful adhesive backing sticks to most project surfaces. Cuts easily with scissors. All rolls have adhesive on one side and magnetic material on the other.

Stk.	Mfr.	Size	Price
530005	07019	1" x 10'	\$8.45



Magnet Assortment

Master Magnetics Magnets can be cut into a variety of sizes and shapes.

Includes ten 1-1/4" round, ten 1-1/4" square & ten 1-1/4" triangular flex magnets.

Stk.	Mfr.	Price
530010	07257	\$9.39



Ceramic Disc Magnet Set

Master Magnetics Also known as ferrite magnets, these powerful discs are made from the highest grade ceramic material available giving them unbeatable pull strength. Ideal for crafters and teachers. Attach to photo frames, calendars, schedules and more. Display on ferrous metal surfaces.

Stk.	Mfr.	Size	Qty./Pkg.	Price
943193	07003	3/4" dia. x 3/16"T	8	\$2.61



Neodymium Disc Magnet Set

Master Magnetics Powerhouse magnetic discs are small, but great for projects that require extreme strength. Magnets can chip if dropped.

Stk.	Mfr.	Size	Qty./Pkg.	Price
943194	07046	.472" dia. x 0.118"T each	6	\$10.50
943195	07047	.709" dia. x 0.118"T each	3	\$10.50



Magnetizer & Demagnetizer

General Powerful rare earth magnet designed for magnetizing and demagnetizing screwdrivers, nut runners, wrenches, taps and small tools. Converts any tool blade into a magnetic retriever for screws, nuts and metallic particles.

Stk.	Mfr.	Price
418050	360	\$3.66



Magnetic Adjustable Links

General Magnetic adjustable links for welding and holding.

Includes 2 blocks 2" x 1" w/wing nut adjusters.

Stk.	Mfr.	Price
418608	375	\$78.80



Magnetic Tool Holder

Master Magnetics Strong, permanent magnetic bars are designed to hold large or small

tools or metal parts firmly. Provides easy grasp and instant release. Black w/ yellow Day-Glo striping for high visibility.

Stk.	Mfr.	Length	Price
530000	07661	24"	\$21.20

CABLE TIES & VELCRO

Nylon Cable Ties



Gardner Bender Self-locking nylon ties for bundling wire, cables, harnesses and more.

White

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
942906	46-308	8"	75 lbs.	2"	100	\$4.05
942910	46-308MN	8"	75 lbs.	2"	1,000	\$46.00

Black UV resistant.

942908	46-310UVB	11"	75 lbs.	3"	100	\$14.80
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8" Nylon Cable Ties

Gardner Bender Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent.

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
416575	46-308FST	8"	75 lbs.	2"	100	\$6.63



Cable Tie Assortment Fastener Barn

Includes 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
485509	CT99	155	\$42.30



Cable Tie Tensioning Tool

Gardner Bender Tightens & cuts cable ties w/a quick twist. For ties up to 75 lb. tensile strength.

Stk.	Mfr.	Price
416716	CTT-45	\$11.70



Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
942810	90199	2"W x 4"L	2 strips	\$3.70
942812	90197	2"W x 15'L	1 roll	\$35.20

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
942825	90072	7/8"W x 7/8"L	12 squares	\$2.99

RIVET TOOLS

VHR-1X



Marson The perfect medium-duty tool that sets both steel and aluminum rivets.

Sets steel rivets 3/32" to 5/32" dia. Sets aluminum rivets 3/16" dia.

Includes assortment of rivets & washers in pouch.

Stk.	Mfr.	Price
868387	79002	\$38.30



Medium Duty 10" Slim-nose Riveter

Stanley Fastening Spring-loaded handle ejects rivet stem automatically. Slim-nose right-angle design fits in difficult-to-reach places. Long handle makes riveter easy to squeeze.

Sets 1/8", 3/32", 5/32" & 3/16" diameter steel & aluminum rivets.

Stk.	Mfr.	Price
597349	MR33C	\$11.70



MP-3V Air/Hydraulic Riveter

Marson Professional-series air/hydraulic riveter is designed to be light weight and well-balanced. Engineered to maximize stroke and pull force with a 3-jaw set. Direct connect or use the attached swivel for added convenience. Supplied with nosepieces to set rivets in all alloys and a

removable swivel air connection line with an air off/on valve built in. Adjustable vacuum system control allows operator to control the force of air needed to hold the rivet in place. Can also operate with the vacuum system turned off.

Stroke: 3/4". Pulling Force: 1,800 lbs. Capacity: 3/32" - 3/16".

Includes nosepieces, adjustment service wrenches, hydraulic fluid, fluid applicator, spare jaws & removable swivel air connection line with air on/off valve built in.

Stk.	Mfr.	Operating Pressure	Weight	Price
868417	39045	70-95 psi	2.9 lbs.	\$335.00

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HP-2® Riveter

Marson Die-cast high-strength aluminum alloy body has carbon steel upper handle and cushioned vinyl grip.

Sets steel rivets up to 3/16" dia.

Includes 4 mounted nosepieces (3/32", 1/8", 5/32", 3/16") & service wrench.

Stk.	Mfr.	Price
868400	39000	\$60.30

HP-2® Rivetool Kit Includes HP-2 Rivetool, 200 assorted rivets & case.

Stk.	Mfr.	Price
868401	39001	\$65.60

Standard Blind Buttonhead Rivets

Marson Rivet and Mandrel. For rivet tool kits & hand riveters. Low profile head diameter is twice the rivet body diameter providing adequate bearing surface for nearly all applications. Aluminum rivets are IFI grade 11, Steel Rivets are IFI grade 30.

Aluminum IFI grade 11

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
868328	40200	1/64" - 1/8"	3/32"	500	\$15.80
868329	40202	1/8" - 1/4"	3/32"	500	\$16.30
868330	86212	1/16" - 1/8"	1/8"	100	\$4.65
868331	40212	1/16" - 1/8"	1/8"	500	\$12.60
868332	86217	3/16" - 1/4"	1/8"	100	\$4.95
868333	40217	3/16" - 1/4"	1/8"	500	\$14.20
868334	86221	5/16" - 3/8"	1/8"	100	\$5.78
868335	40221	5/16" - 3/8"	1/8"	500	\$19.00
868336	86222	3/8" - 1/2"	1/8"	100	\$6.48
868337	40222	3/8" - 1/2"	1/8"	500	\$20.70
868338	86245	1/64" - 1/8"	3/16"	50	\$4.86
868377	40245	1/64" - 1/8"	3/16"	500	\$24.90
868340	86247	1/8" - 1/4"	3/16"	50	\$4.92
868378	40247	1/8" - 1/4"	3/16"	500	\$25.60
868342	86249	1/4" - 3/8"	3/16"	50	\$5.32
868379	40249	1/4" - 3/8"	3/16"	500	\$29.10
868344	86252	3/8" - 1/2"	3/16"	50	\$5.59
868380	40252	3/8" - 1/2"	3/16"	500	\$32.00
868381	40255	1/2" - 5/8"	3/16"	500	\$38.30
868347	42281	1/64" - 1/4"	1/4"	100	\$14.80
868348	42285	1/64" - 1/2"	1/4"	100	\$18.10

Steel IFI grade 30

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
868351	86112	1/16" - 1/8"	1/8"	100	\$4.62
868352	40112	1/16" - 1/8"	1/8"	500	\$14.40
868353	86117	3/16" - 1/4"	1/8"	100	\$4.81
868354	40117	3/16" - 1/4"	1/8"	500	\$16.20

Round Back-Up Washers

Marson Washers are .056" - .062" thick. They are used when fastening soft materials or to compensate for oversized holes where access to both sides of the work is possible.

Aluminum

Stk.	Mfr.	Size	Qty./Pkg.	Price
868322	86657	1/8"	100	\$4.65
868323	40657	1/8"	500	\$16.90
868324	86660	3/16"	100	\$5.03
868325	40660	3/16"	500	\$17.50

Steel

Stk.	Mfr.	Size	Qty./Pkg.	Price
868370	86658	1/8"	100	\$4.19
868371	40658	1/8"	500	\$13.10

SCREWS**Slotted Round Head Wood Screws**

Hillman 100/pkg.

Brass

Stk.	Mfr.	Size	Length	Price
516154	386103	2	1/4"	\$7.62
516221	386106	2	3/8"	\$8.22
516422	386091	3	1/2"	\$10.10
516355	386118	4	3/8"	\$6.14
516489	386121	4	1/2"	\$6.61
516623	386124	4	5/8"	\$7.96
516824	386127	4	3/4"	\$8.66
516757	386163	6	5/8"	\$9.86
516958	386166	6	3/4"	\$11.00
517293	386172	6	1"	\$13.50
517561	386175	6	1-1/4"	\$16.10
517762	386178	6	1-1/2"	\$18.10
517092	386208	8	3/4"	\$14.40
517427	386214	8	1"	\$17.70
517628	386217	8	1-1/4"	\$19.60
517829	386220	8	1-1/2"	\$22.80
517494	386268	10	1"	\$20.80
517896	386274	10	1-1/2"	\$29.30

Zinc-plated Steel

Stk.	Mfr.	Size	Length	Price
523390	20024	4	1/2"	\$2.35
523658	20027	4	5/8"	\$3.92
523993	20030	4	3/4"	\$3.92
523524	20069	6	1/2"	\$2.49
523792	20072	6	5/8"	\$2.60
524127	20075	6	3/4"	\$2.79
524663	20081	6	1"	\$3.30
525065	20084	6	1-1/4"	\$3.78
525467	20087	6	1-1/2"	\$4.32
523591	20141	8	1/2"	\$2.87
524261	20147	8	3/4"	\$3.30
524797	20153	8	1"	\$4.05
525199	20156	8	1-1/4"	\$4.32
525601	20159	8	1-1/2"	\$4.76
526137	20162	8	2"	\$6.54
526338	20167	8	2-1/2"	\$8.37
524395	20221	10	3/4"	\$4.49
524931	20227	10	1"	\$4.62
525333	20230	10	1-1/4"	\$5.67
525735	20233	10	1-1/2"	\$6.38
526204	20239	10	2"	\$7.83
526405	20245	10	2-1/2"	\$9.70
525400	20275	12	1-1/4"	\$6.97

**Slotted Flat & Round Head Wood Screw Assortment**

Hillman Zinc-plated steel.

Includes flat head screw sizes: (10) #6 x 3/4", (10) #8 x 3/4", (8) #10 x 1-1/2", (15) #6 x 1/2" & round head screw sizes: (15) #4 x 1/2", (10) #6 x 1", (10) #8 x 1-1/4".

Stk.	Mfr.	Qty./Pkg.	Price
514240	124035	78	\$3.81



Phillips Flat Head Wood Screws

Hillman 100/pkg.

Brass

Stk.	Mfr.	Size	Length	Price
514260	385618	4	1/2"	\$11.20
514261	385620	4	5/8"	\$11.60
514255	385622	4	3/4"	\$13.10
514256	385654	6	1/2"	\$8.19
514262	385658	6	3/4"	\$9.10
514263	385660	6	1"	\$12.90
514257	385662	6	1-1/4"	\$15.70
514258	385664	6	1-1/2"	\$20.90
514264	385700	8	3/4"	\$13.30
514265	385702	8	1"	\$16.50
514266	385704	8	1-1/4"	\$19.00
514269	385706	8	1-1/2"	\$26.40
514270	385710	8	2"	\$28.40
514267	385750	10	1"	\$19.90
514268	385752	10	1-1/4"	\$24.00
514271	385754	10	1-1/2"	\$27.60

Zinc-plated Steel

Stk.	Mfr.	Size	Length	Price
527430	40003	4	1/2"	\$2.73
527432	40004	4	3/4"	\$3.00
527433	40005	4	1"	\$3.73
527440	40012	6	1/2"	\$2.60
527441	40013	6	5/8"	\$2.70
527450	40015	6	3/4"	\$2.84
527451	40018	6	7/8"	\$3.03
527460	40021	6	1"	\$3.16
527472	40024	6	1-1/4"	\$3.62
527485	40027	6	1-1/2"	\$4.46
527445	40030	6	1-3/4"	\$5.43
527461	40033	6	2"	\$5.94
527442	40057	8	1/2"	\$2.84
527443	40058	8	5/8"	\$3.03
527452	40060	8	3/4"	\$3.00
527454	40061	8	7/8"	\$3.30
527462	40063	8	1"	\$3.49
527474	40066	8	1-1/4"	\$4.05
527487	40069	8	1-1/2"	\$4.38
527500	40072	8	1-3/4"	\$5.43
527510	40075	8	2"	\$6.05
527520	40081	8	2-1/2"	\$7.48
527515	40096	9	3/4"	\$3.81
527516	40099	9	1"	\$4.38
527517	40100	9	1-1/4"	\$5.00
527518	40102	9	1-1/2"	\$5.73
527519	40120	10	3/4"	\$3.73
527464	40123	10	1"	\$4.05
527476	40126	10	1-1/4"	\$4.70
527489	40129	10	1-1/2"	\$5.30
527502	40132	10	1-3/4"	\$6.43
527512	40135	10	2"	\$6.67
527522	40138	10	2-1/2"	\$8.51
527530	40141	10	3"	\$11.10
527465	40144	12	3/4"	\$5.40
527466	40147	12	1"	\$5.73
527478	40150	12	1-1/4"	\$6.16
527491	40153	12	1-1/2"	\$6.75
527493	40156	12	1-3/4"	\$7.70
527514	40159	12	2"	\$9.00
527524	40165	12	2-1/2"	\$10.70
527532	40168	12	3"	\$13.70



Wood Screw Assortments

Hillman

.52 lb. Includes Phillips flat head (#4 x 1/2"), (#6 x 1/2", 3/4"), (#8 x 3/4"), (#10 x 1-1/4") & slotted round head (#6 x 1-1/4"), (#8 x 1").

Stk.	Mfr.	Price
514283	130206	\$5.94

1.87 lb. Includes Phillips flat head (#6 x 3/4", 1", 1-1/2"), (#8 x 3/4", 1", 1-1/4", 1-1/2", 2"), (#10 x 1-1/2"), Phillips brass flat head (#6 x 3/4", 1"), (#8 x 1", 1-1/4"), trim screw (#6 x 1-5/8") & cabinet screw (#8 x 1", 1-1/2").

Stk.	Mfr.	Price
514282	130280	\$19.20



Flat Head Square Drive Wood Screws

Hillman Zinc coated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
526620	70963	6	1/2"	\$3.22
526622	70964	6	3/4"	\$3.60
526624	70965	6	1"	\$4.30
526625	70966	6	1-1/4"	\$5.08
526626	70967	6	1-1/2"	\$5.97
526630	70969	8	1/2"	\$3.62
526632	70970	8	3/4"	\$4.30
526634	70971	8	1"	\$4.62
526635	70972	8	1-1/4"	\$5.70
526636	70973	8	1-1/2"	\$6.24
526637	70974	8	1-3/4"	\$8.27
526638	70975	8	2"	\$8.54
526640	70976	8	2-1/2"	\$12.70
526645	70979	10	3/4"	\$4.84
526646	70980	10	1"	\$5.51
526647	70981	10	1-1/4"	\$6.65
526648	70982	10	1-1/2"	\$7.27
526650	70983	10	1-3/4"	\$8.48
526651	70984	10	2"	\$9.27
526652	70985	10	2-1/2"	\$14.10
526654	70986	10	3"	\$16.80
526658	70990	12	1-1/4"	\$7.20
526660	70991	12	1-1/2"	\$12.00
526664	70993	12	2-1/2"	\$17.40



Fine Thread Phillips Drywall Screws

Hillman Hardened steel. Bugle head. Black Phosphate coated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
514175	39284	6	1"	100	\$2.27
514176	39286	6	1-1/8"	100	\$2.68
514177	39288	6	1-1/4"	100	\$2.92
514180	39290	6	1-5/8"	100	\$3.78
514182	39291	6	2"	100	\$5.23
514184	39292	6	2-1/4"	100	\$6.19
514188	39294	8	2-1/2"	100	\$7.15
514192	39296	8	3"	100	\$8.69

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Coarse Thread Phillips Drywall Screws

Hillman Hardened steel. Bugle head. Black Phosphate coated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
527525	42400	6	1"	100	\$2.60
527526	42403	6	1-1/4"	100	\$2.92
527527	42409	6	1-5/8"	100	\$3.84
527528	42415	6	2"	100	\$4.78
527529	42421	8	2-1/2"	100	\$6.75
527531	42424	8	3"	100	\$8.48
527535	47123	6	1"	1,760	\$20.30
527536	47124	6	1-1/8"	1,615	\$20.30
527537	47125	6	1-1/4"	1,465	\$20.30
527538	47126	6	1-5/8"	1,105	\$20.30
527539	47127	6	2"	955	\$20.30
527540	47128	6	2-1/4"	860	\$20.30
527541	47129	8	2-1/2"	560	\$20.30
527542	47130	8	3"	510	\$20.30



Hex Head Lag Screws

Hillman Zinc-plated Steel

Stk.	Mfr.	Size	Length	Qty./Box	Price
527813	230021	1/4"	3"	100	\$14.80
527823	230057	5/16"	3"	100	\$22.40
527833	230089	3/8"	3"	50	\$17.00
527840	230131	1/2"	4"	25	\$18.10



Pan Head Sheet Metal Screws

Hillman Type AB. Zinc-plated Steel. 100/pkg.

Pan Head Phillips

Stk.	Mfr.	Size	Length	Price
526680	80002	4	1/4"	\$2.70
526684	80008	6	1/4"	\$2.70
526691	80024	7	1/2"	\$4.78
526692	80027	7	3/4"	\$5.38
526693	80030	7	1"	\$5.73
526702	80057	10	3/8"	\$3.87

Pan Head Combination

Stk.	Mfr.	Size	Length	Price
526681	73997	4	3/8"	\$3.16
526682	73998	4	1/2"	\$3.30
526683	74000	4	3/4"	\$3.68
526685	74003	6	3/8"	\$3.30
526686	74006	6	1/2"	\$3.43
526687	74007	6	5/8"	\$3.54
526688	74009	6	3/4"	\$3.84
526689	74012	6	1"	\$4.11
526690	80023	7	3/8"	\$4.65
526694	74021	8	3/8"	\$3.68
526695	74024	8	1/2"	\$3.84
526696	74025	8	5/8"	\$3.97
526697	74027	8	3/4"	\$4.11
526698	74030	8	1"	\$4.65
526699	74033	8	1-1/4"	\$5.46
526700	74036	8	1-1/2"	\$6.65
526701	74039	8	2"	\$8.48
526703	74045	10	1/2"	\$4.46
526704	80063	10	5/8"	\$4.19
526705	74048	10	3/4"	\$4.78
526706	74051	10	1"	\$5.62
526707	74054	10	1-1/4"	\$6.81
526708	74057	10	1-1/2"	\$7.59
526709	74060	10	2"	\$9.45
526710	74064	12	1/2"	\$5.86
526711	74066	12	3/4"	\$7.29
526712	74069	12	1"	\$8.10
526713	74072	12	1-1/4"	\$8.91
526714	74075	12	1-1/2"	\$11.10
526715	74078	12	2"	\$12.50



Phillips Pan Head Self Drilling Sheet Metal Screws

Hillman Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
526746	560270	8	1/2"	\$7.35
526747	560274	8	3/4"	\$9.08
526748	560276	8	1"	\$9.97
526749	560280	8	1-1/2"	\$12.10
526751	560288	10	3/4"	\$11.80
526752	560290	10	1"	\$13.30



Slotted Hex Head Washer Sheet Metal Screws

Hillman Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
526741	70277	8	3/4"	\$4.27
526742	70280	8	1"	\$4.81
526743	70286	8	1-1/2"	\$7.13
526744	70292	10	1/2"	\$4.57
526745	70295	10	3/4"	\$5.00

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Hex Washer Head Self Drilling Sheet Metal Screws

Hillman Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
526753	560332	10	1"	\$13.30
526754	560336	10	1-1/2"	\$15.80
526756	560358	12	1"	\$17.30
526757	560362	12	1-1/2"	\$19.60



Sheet Metal Screw Assortment

Hillman

Includes oval head: #6 x 3/4" to #10 x 1-1/2" & oval head auto trim: #8 x 3/4" & 1".

Stk.	Mfr.	Item	Price
514243	124038	70-Piece	\$3.81



Slotted Round Head Machine Screws

Hillman Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
527895	90120	6-32	3/8"	\$2.76
527896	90123	6-32	1/2"	\$2.81
527897	90129	6-32	3/4"	\$2.92
527898	90134	6-32	1"	\$3.49
527899	90137	6-32	1-1/4"	\$3.60
527900	90140	6-32	1-1/2"	\$3.62
527901	90146	6-32	2"	\$4.68
527902	90179	8-32	1/2"	\$2.92
527903	90185	8-32	3/4"	\$3.49
527904	90191	8-32	1"	\$3.73
527906	90197	8-32	1-1/2"	\$4.68
527907	90203	8-32	2"	\$5.78
527910	90293	10-32	1/2"	\$3.30
527911	90299	10-32	3/4"	\$3.70
527912	90305	10-32	1"	\$4.24
527914	90311	10-32	1-1/2"	\$5.78
527915	90317	10-32	2"	\$7.08
527935	90383	1/4-20	1/2"	\$5.24
527936	90389	1/4-20	3/4"	\$6.11
527937	90395	1/4-20	1"	\$6.57
527938	90398	1/4-20	1-1/4"	\$7.32
527939	90401	1/4-20	1-1/2"	\$8.27
527940	90407	1/4-20	2"	\$11.10



Phillips Flat Head Machine Screws

Hillman Zinc plated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
527549	101031	6-32	3/8"	100	\$2.76
527550	101033	6-32	1/2"	100	\$2.81
527551	101036	6-32	3/4"	100	\$3.00
527552	101038	6-32	1"	100	\$3.78
527554	101040	6-32	1-1/2"	100	\$3.95
527556	101053	8-32	1/2"	100	\$3.49
527557	101056	8-32	3/4"	100	\$3.87
527558	101058	8-32	1"	100	\$4.38
527559	101059	8-32	1-1/4"	100	\$4.59
527562	101098	10-32	1/2"	100	\$3.87
527563	101100	10-32	3/4"	100	\$4.38
527564	101102	10-32	1"	100	\$4.86
526740	101075	10-24	1/2"	100	\$4.11
527570	101079	10-24	1"	100	\$4.41
527571	101080	10-24	1-1/4"	100	\$5.27
527572	101081	10-24	1-1/2"	100	\$5.94
527573	101083	10-24	2"	100	\$7.35
527582	101137	1/4-20	3/4"	100	\$6.97
527583	101139	1/4-20	1"	100	\$7.46
527584	101140	1/4-20	1-1/4"	100	\$7.89
527585	101141	1/4-20	1-1/2"	100	\$8.89
527586	101143	1/4-20	2"	100	\$12.00



Machine Screw Assortments

Hillman

Round Head Combination Includes (20) #6-32 x 3/4", (15) #8-32 x 1/2", (15) #8-32 x 1", (12) #10-24 x 3/4", (8) #10-24 x 1-1/4", (6) 1/4-20 x 3/4" & 1/4-20 x 1-1/2".

Stk.	Mfr.	Qty./Pkg.	Price
514245	124040	82	\$3.81

2.2 lb. Assortment Includes screws (6 -32 x 1/2", 3/4", 1"), (10-24 x 1/2" & 1"), (8-32 x 1"), hex nuts (6-32, 8-32, 10-24), flat & split lock washers (#6, #8, #10) & high speed cobalt drill bits (1/8", 5/32", 3/16", 7/32", 1/4").

Stk.	Mfr.	Qty./Pkg.	Price
514281	130281		\$19.20



Electrician's Screw Assortment Kit

Gardner Bender Commonly used electrical machine screws. Slotted round-head screws for switches, receptacles & outlet applications. Zinc-plated steel.

Includes 8-32 round head screws 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2".

Stk.	Mfr.	Qty./Pkg.	Price
416826	SK-832T	120	\$8.26

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ANCHORS



Plastic Anchor Kits

Hillman Light duty anchors for mounting almost anything on masonry or hollow walls. Kits feature a tungsten carbide-tipped masonry drill bit.

Phillips Pan Head 8-10 x 7/8" Includes 100 anchors (8-10 x 7/8"), 100 Phillips pan head screws (8 x 1", steel/zinc) & 3/16" x 3" carbide masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
526803	373503	201	\$12.30

Slotted Pan Head 8-10 x 7/8" Includes 100 anchors (8-10 x 7/8"), 100 slotted pan head screws (8 x 1", steel/zinc) & 3/16" x 3" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
526800	370350	201	\$12.00

Slotted Pan Head 10-12 x 1" Includes 100 anchors (10-12 x 1"), 100 slotted pan head screws (10 x 1", steel/zinc) & 1/4" x 4" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
526801	370351	201	\$12.00

Slotted Pan Head 14-16 x 1-3/8" Includes 50 anchors (14-16 x 1-3/8"), 50 slotted pan head screws (14 x 1", steel/zinc) & 5/16" x 4" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
526802	370353	101	\$12.00



Tapper® Concrete Screw Anchors

Hillman Hex washer slotted or Phillips flat head tapper screw anchors with bit. Blue Perma-Seal™ coating. Also great with brick and hollow block. Building code approved. 1" min. embedment. 100/Box.

Hex Washer Slotted

Stk.	Mfr.	Size	Max. Load @ 4000 psi	Price
514310	375288	3/16" x 2-1/4"	235 lbs.	\$17.00
514280	375294	1/4" x 1-3/4"	355 lbs.	\$22.10
514311	375295	1/4" x 2-1/4"	370 lbs.	\$22.70

Flat Phillips

Stk.	Mfr.	Size	Max. Load @ 4000 psi	Price
514312	375302	3/16" x 2-1/4"	235 lbs.	\$17.00
514313	375309	1/4" x 2-1/4"	370 lbs.	\$22.70



Tapper® 1000 Concrete Anchor Installation Tool

Hillman 2-step multipurpose tool for drilling/driving all sizes and styles of Tapper Concrete Screw Anchors. Fits standard hammer drill chuck.

Includes drill adapter, Phillips bit adapter, drive sleeve, 2 Phillips bits (#'s 2 & 3), 2 hex drivers (1/4" & 5/16"), hex key & molded case.

Stk.	Mfr.	Price
514307	375000	\$65.80

Tapper® Drill Bits

Hillman Carbide-tipped bit drills into brick, concrete and hollow block for concrete anchor insertion

Stk.	Mfr.	Bit Size (dia. x L.)	For use w/Anchor Size (dia. x L.)	Price
514309	375224	3/16" x 4-1/2"	1/4" x 2-1/4" - 2-3/4"	\$5.00
514308	375221	5/32" x 4-1/2"	3/16" x 2-1/4" - 2-3/4"	\$4.83

BOLTS



Coarse Thread Hex Bolts

Hillman Low carbon. Zinc-plated Steel.

Stk.	Mfr.	Size	Length	Qty./Box	Price
527655	190003	1/4-20	1/2"	100	\$5.11
527656	190009	1/4-20	3/4"	100	\$5.57
527658	190015	1/4-20	1"	100	\$6.05
527660	190018	1/4-20	1-1/4"	100	\$7.62
527661	190021	1/4-20	1-1/2"	100	\$8.64
527662	190024	1/4-20	1-3/4"	100	\$10.50
527663	190027	1/4-20	2"	100	\$10.70
527665	190033	1/4-20	2-1/2"	100	\$12.90
527667	190039	1/4-20	3"	100	\$14.50
527670	190078	5/16-18	1/2"	100	\$7.21
527671	190084	5/16-18	3/4"	100	\$8.64
527672	190090	5/16-18	1"	100	\$9.70
527673	190093	5/16-18	1-1/4"	100	\$11.00
527674	190096	5/16-18	1-1/2"	100	\$12.90
527676	190102	5/16-18	2"	100	\$15.10
527678	190108	5/16-18	2-1/2"	100	\$18.90
527680	190114	5/16-18	3"	100	\$19.40
527682	190159	3/8-16	3/4"	100	\$11.90
527683	190165	3/8-16	1"	100	\$13.90
527684	190168	3/8-16	1-1/4"	100	\$16.20
527685	190171	3/8-16	1-1/2"	100	\$18.70
527686	190177	3/8-16	2"	100	\$21.30
527688	190183	3/8-16	2-1/2"	50	\$13.70
527690	190189	3/8-16	3"	50	\$16.10
527691	190195	3/8-16	3-1/2"	50	\$18.30
527695	190243	7/16-14	1"	100	\$20.10
527697	190249	7/16-14	1-1/2"	50	\$14.50
527699	190255	7/16-14	2"	50	\$17.90
527705	190294	1/2-13	1"	50	\$14.60
527707	190300	1/2-13	1-1/2"	50	\$17.00
527709	190306	1/2-13	2"	50	\$18.20
527711	190312	1/2-13	2-1/2"	50	\$22.00
527713	190318	1/2-13	3"	50	\$25.10



Coarse Thread Carriage Bolts

Hillman Zinc-plated Steel. 100/pkg.

Stk.	Mfr.	Size	Length	Price
527762	240012	1/4-20	1"	\$7.02
527763	240015	1/4-20	1-1/4"	\$7.80
527764	240018	1/4-20	1-1/2"	\$8.56
527765	240021	1/4-20	1-3/4"	\$9.78
527766	240024	1/4-20	2"	\$9.88
527768	240030	1/4-20	2-1/2"	\$12.50
527770	240036	1/4-20	3"	\$14.00



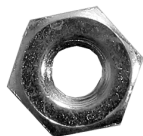
Hanger Bolts

Southern Screw Hanger bolts only with fluted center.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
834000	HANGER	Dark Metal	5/16"-18 x 2-1/2"	12	\$0.98

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NUTS



Machine Screw Hex Nuts

Hillman Zinc-plated Steel.

Stk.	Mfr.	Size	Qty.	Price
527600	140009	4-40	100	\$2.52
527602	140012	5-40	100	\$3.95
527604	140015	6-32	100	\$2.54
527606	140018	8-32	100	\$2.65
527608	140024	10-32	100	\$2.79
527610	140021	10-24	100	\$2.79
527612	140027	12-24	100	\$4.00



Fine Thread Hex Nuts

Hillman Zinc-plated steel.

Stk.	Mfr.	Size	Qty.	Price
527870	150048	1/4-28	100	\$3.57
527872	150051	5/16-24	100	\$5.16
527874	150054	3/8-24	100	\$6.86
527876	150057	7/16-20	50	\$6.67
527878	150060	1/2-20	50	\$8.54
527880	150066	5/8-18	25	\$9.10
527882	150069	3/4-16	20	\$11.80



Coarse Thread Hex Nuts

Hillman Zinc-plated Steel.

Stk.	Mfr.	Size	Qty.	Price
527850	150003	1/4-20	100	\$2.46
527852	150006	5/16-18	100	\$3.81
527854	150009	3/8-16	100	\$5.46
527856	150012	7/16-14	50	\$5.22
527858	150015	1/2-13	50	\$6.46
527860	150021	5/8-11	25	\$6.54
527862	150024	3/4-10	20	\$8.54



Hex Nut & Washer Assortment

Hillman Zinc plated steel.

Includes SAE flat washers (#8, #10, 1/4") & coarse head hex nuts (8-32, 10-24, 1/4"-20).

Stk.	Mfr.	Qty./Pkg.	Price
523995	41818	180 (approx.)	\$3.35



Locknut Assortment

Fastener Barn Nylon insert locknuts

Includes (25) 10-24 coarse thread, (35) 1/4-20 coarse thread, (25) 1/4-28 fine thread, (30) 5/16-18 coarse thread, (25) 3/8-16 coarse thread, (10) 1/2-13 coarse thread & case.

Stk.	Mfr.	Qty./Pkg.	Price
485520	LN99	150	\$40.00



Steel Wing Nuts

Hillman Type A wing nuts. Cold forged, zinc-plated steel

Stk.	Mfr.	Size	Qty.	Price
527620	180243	10-24	100	\$13.40
527622	180249	1/4-20	100	\$15.20
527624	180252	5/16-18	100	\$20.30
527626	180255	3/8-16	100	\$27.20



Wing Nut Assortment

Fastener Barn Cadmium plated, forged steel.

Includes (30) 10-24 (3/16") dia. coarse thread, (30) 10-32 (3/16") dia. fine thread, (25) 1/4-20 dia. coarse thread, (25) 1/4-28 dia. fine thread, (20) 5/16-18 dia. coarse thread, (20) 5/16-24 dia. fine thread & plastic storage case.

Stk.	Mfr.	Qty./Pkg.	Price
485550	WN99	150	\$30.00



Tee Nuts

Hillman Strong, easy-to-fix economical anchor for wood and fiberboard. Insert into predrilled hole and hammer into place. Pronged nut is self-locking to prevent rotation. Zinc

Stk.	Mfr.	Thread Size	Qty.	Price
514314	180288	6-32	100	\$9.75
514315	180291	8-32	100	\$9.88
514316	180294	10-24	100	\$8.61
514317	180295	10-32	100	\$9.99
514318	180297	1/4-20	100	\$9.40
514319	180300	5/16-18	100	\$12.30
514320	180303	3/8-16	100	\$20.30

WASHERS



Countersunk Finishing Washers

Hillman Nickel Plated Steel.

Stk.	Mfr.	Size	Qty.	Price
942400	310167	#6	100	\$3.33
942403	310170	#8	100	\$3.65
942406	310173	#10	100	\$4.59



Flat Washers

Hillman SAE flat washers. Steel.

Stk.	Mfr.	Size	Qty.	Price
527630	280056	1/4"	100	\$2.81
527631	280058	5/16"	100	\$3.16
527632	280060	3/8"	100	\$4.19
527634	280062	7/16"	50	\$3.16
527636	280064	1/2"	50	\$5.40

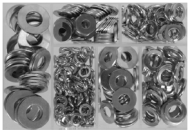
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Split Lock Washers

Hillman Hardened steel.

Stk.	Mfr.	Size	Qty.	Price
527640	300018	1/4"	100	\$2.33
527641	300021	5/16"	100	\$2.87
527642	300024	3/8"	100	\$3.70
527638	300027	7/16"	50	\$2.87
527646	300030	1/2"	50	\$3.81
527639	300036	5/8"	25	\$3.54
527647	300039	3/4"	20	\$4.30



Flat & Lock Washer Assortment

Hillman Assortment of flat and lock washers.

Includes SAE flat washers (#10, 1/4", 5/16", 3/8") & split lock washers (#10, 1/4", 5/16", 3/8").

Stk.	Mfr.	Price
514284	130208	\$5.94

NAILS, PINS & BRADS

Flat Head Wire Nails

Stk.	Mfr.	Size	Length	Qty./Box	Price
Great Northern					
941670	TN-31700-1LB	16	3/4"	1 lb.	\$11.90
941735	TN-32200-1LB	16	7/8"	1 lb.	\$11.90
941737	TN-32700-1LB	16	1"	1 lb.	\$11.90
941804	TN-33700-1LB	16	1-1/4"	1 lb.	\$11.40
941871	TN-34700-1LB	16	1-1/2"	1 lb.	\$11.40
941938	TN-25200-1LB	17	3/4"	1 lb.	\$11.90
942005	TN-26200-1LB	17	1"	1 lb.	\$11.90
942010	TN-27200-1LB	17	1-1/4"	1 lb.	\$11.40
942015	TN-28200-1LB	17	1-1/2"	1 lb.	\$11.40
942060	TN-18700-1LB	18	1/2"	1 lb.	\$12.90
942065	TN-19200-1LB	18	5/8"	1 lb.	\$12.90
942072	TN-19700-1LB	18	3/4"	1 lb.	\$12.90
942137	TN-20200-1LB	18	7/8"	1 lb.	\$12.90
942139	TN-20700-1LB	18	1"	1 lb.	\$12.90
942145	TN-21700-1LB	18	1-1/4"	1 lb.	\$11.70
942150	TN-22700-1LB	18	1-1/2"	1 lb.	\$11.70
Hillman					
514368	122546	16	3/4"	2 oz.	\$1.29
514372	122552	16	1"	2 oz.	\$1.29
514375	122555	16	1-1/4"	1.75 oz.	\$1.29
514377	122558	16	1-1/2"	1.75 oz.	\$1.29
514369	122547	17	3/4"	2 oz.	\$1.29
514373	122553	17	1"	2 oz.	\$1.29
514376	122556	17	1-1/4"	1.75 oz.	\$1.29
514366	122542	18	1/2"	1.75 oz.	\$1.29
514367	122544	18	5/8"	2 oz.	\$1.29
514370	122548	18	3/4"	2 oz.	\$1.29
514371	122550	18	7/8"	2 oz.	\$1.29
514374	122554	18	1"	2 oz.	\$1.29

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Finishing Nails

National Bright finish, smooth shank with broad head for countersinking. Ideal for finely finished woodwork.

Stk.	Mfr.	Size	Length	Qty./Box	Price
492477	3D	3D	1-1/4"	1 lb.	\$4.12
492479	4D	4D	1-1/2"	1 lb.	\$3.87
492480	4D	4D	1-1/2"	5 lb.	\$18.10
492483	6D	6D	2"	1 lb.	\$3.87
492484	6D	6D	2"	5 lb.	\$19.90
492489	10D	10D	3"	5 lb.	\$19.90

Common Nails

National Bright finish, smooth shank, flat head and diamond point. Ideal for construction, carpentry and trimming. Larger shank provides greater resistance to bending. 5 lb. box.

Stk.	Mfr.	Size	Length	Price
492400	6D	6D	2"	\$19.60
492404	8D	8D	2-1/2"	\$14.80
492408	10D	10D	3"	\$16.10
492412	12D	12D	3-1/4"	\$19.70
492418	16D	16D	3-1/2"	\$13.80
492425	20D	20D	4"	\$17.60

Wire Brads

Stk.	Mfr.	Size	Length	Qty./Box	Price
Great Northern					
941000	TB-31700-1LB	16	3/4"	1 lb.	\$11.90
941076	TB-32200-1LB	16	7/8"	1 lb.	\$11.90
941067	TB-32700-1LB	16	1"	1 lb.	\$11.90
941134	TB-33700-1LB	16	1-1/4"	1 lb.	\$11.40
941201	TB-34700-1LB	16	1-1/2"	1 lb.	\$11.40
941205	TB-36700-1LB	16	2"	1 lb.	\$11.40
941268	TB-25200-1LB	17	3/4"	1 lb.	\$11.90
941335	TB-26200-1LB	17	1"	1 lb.	\$11.90
941340	TB-27200-1LB	17	1-1/4"	1 lb.	\$11.40
941345	TB-28200-1LB	17	1-1/2"	1 lb.	\$11.40
941390	TB-18700-1LB	18	1/2"	1 lb.	\$12.90
941402	TB-19700-1LB	18	3/4"	1 lb.	\$12.90
941410	TB-20200-1LB	18	7/8"	1 lb.	\$12.90
941469	TB-20700-1LB	18	1"	1 lb.	\$12.90
941474	TB-21700-1LB	18	1-1/4"	1 lb.	\$11.70
941479	TB-22700-1LB	18	1-1/2"	1 lb.	\$11.70
941536	TB-15200-1LB	19	1/2"	1 lb.	\$14.40
941603	TB-15700-1LB	19	5/8"	1 lb.	\$14.00
941610	TB-16200-1LB	19	3/4"	1 lb.	\$14.00
941615	TB-17200-1LB	19	1"	1 lb.	\$14.00
941623	TB-11700-1LB	20	1/2"	1 lb.	\$15.00
941624	TB-12200-1LB	20	5/8"	1 lb.	\$14.40
941625	TB-12700-1LB	20	3/4"	1 lb.	\$14.00
941632	TB-13700-1LB	20	1"	1 lb.	\$14.00
Hillman					
514354	122504	16	3/4"	2 oz.	\$1.29
514358	122509	16	1"	2 oz.	\$1.29
514361	122513	16	1-1/4"	2 oz.	\$1.29
514364	122516	16	1-1/2"	1.75 oz.	\$1.29
514355	122505	17	3/4"	1.75 oz.	\$1.29
514359	122510	17	1"	2 oz.	\$1.29
514362	122514	17	1-1/4"	2 oz.	\$1.29
514365	122517	17	1-1/2"	1.75 oz.	\$1.29
514356	122506	18	3/4"	2 oz.	\$1.29
514357	122508	18	7/8"	2 oz.	\$1.29
514360	122511	18	1"	2 oz.	\$1.29
514363	122515	18	1-1/4"	2 oz.	\$1.29
514350	122500	19	1/2"	1.75 oz.	\$1.29
514353	122503	19	5/8"	2 oz.	\$1.29
514351	122501	20	1/2"	1.75 oz.	\$1.29



Nail & Brad Assortment

Hillman 7 sizes of assorted brads and nails. Zinc plated.
Includes plastic case.

Stk.	Mfr.	Qty.	Price
523996	41826	7 oz.	\$3.57



Brass-plated Escutcheon Pins

Hillman Brass-plated hobby pins.

Stk.	Mfr.	Size	Length	Qty./Box	Price
514384	122624	14	3/4"	1.5 oz.	\$1.23
514380	122620	16	3/4"	1.5 oz.	\$1.23
514383	122623	16	1"	1.5 oz.	\$1.23
514378	122618	18	1/2"	1.5 oz.	\$1.23
514379	122619	18	5/8"	1.5 oz.	\$1.23
514382	122622	18	3/4"	1.5 oz.	\$1.23
514381	122621	18	1"	1.5 oz.	\$1.23



Cotter Pin Assortment

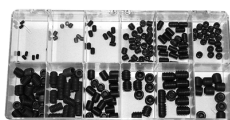
Fastener Barn 555-Piece Electro galvanized pins with extended prong, popular diameters and extra long lengths for all applications. **Includes** (150) 1/16"D x 1"L, (150) 3/32"D x 1"L, (100) 3/32"D x 1-3/4"L, (75) 1/8"D x 1-1/2"L, (50) 1/8"D x 2", (30) 5/32"D x 2-1/2"L & plastic storage case.

Stk.	Mfr.	Price
485506	CP99	\$28.00

Hillman 160-Piece Zinc-plated steel pins. **Includes** 1/16" x 3/4" to 3/32" x 1-1/4" & plastic reusable holder.

Stk.	Mfr.	Price
523998	41857	\$3.35

HARDWARE & FASTENER ASSORTMENTS



Allen Head Screw Assortment

Fastener Barn Alloy steel cup point screws.

Includes plastic case and screws: fine thread: (20) 1/4-28 dia. x 1/4"L, (20) 5/16-24 dia. x 3/8"L, (10) 3/8-24 dia. x 3/8"L & coarse thread:

(10) #5-40 dia. x 3/16"L, (10) #8-32 dia. x 3/16"L, (10) #10-24 dia. x 1/4"L, (30) 1/4-20 dia. x 1/4"L, (20) 1/4-20 dia. x 3/8"L, (30) 5/16-18 dia. x 3/8"L, (20) 5/16-18 dia. x 1/2"L, (10) 3/8-16 dia. x 3/8"L, (10) 3/8-16 dia. x 1/2"L.

Stk.	Mfr.	Qty./Pkg.	Price
485500	AS99	200	\$37.80



Roll Pin Assortment

Fastener Barn Replaces majority of pin requirements. Carbon steel pins, plain finish.

Includes plastic case, plus pins: 10 ea. (5/32" dia.) 5/8", 1" & 1-1/2", 10 ea. (5/64" dia.) 1/4", 1/2" & 1", 10 ea. (1/16" dia.) 3/16", 3/4" & 5/16", 10 ea. (3/32" dia.) 5/8", 1" & 1-1/4", 15 ea. (1/8" dia.) 5/8", 1" & 1-1/4", 10 ea. (1/4" dia.) 5/8", 1-1/4" & 1-3/4", 10 ea. (5/16" dia.) 3/4", 1-1/2" & 2", 5 ea. (3/8" dia.) 3/4", 1-1/2" & 2", 10 ea. (7/32" dia.) 5/8", 1-1/4" & 1-3/4" & 15 ea. (3/16" dia.) 5/8", 1" & 1-1/4".

Stk.	Mfr.	Qty./Pkg.	Price
485530	RP99	315	\$40.00



Snap Ring Assortment

Fastener Barn High quality carbon spring steel.

Includes plastic case, plus rings: (30) 1/4" (.250 dia.), (20) 5/16" (.312 dia.), (50) 3/8" (.375 dia.), (20) 7/16" (.438 dia.), (50) 1/2" (.500 dia.), (20) 9/16" (.562 dia.), (30) 5/8" (.625 dia.), (35) 3/4" (.750 dia.), (10) 13/16" (.812 dia.), (20) 7/8" (.875 dia.), (10) 1" (1.000 dia.), (5) 1-1/4" (1.250 dia.).

Stk.	Mfr.	Qty./Pkg.	Price
485542	SR99	300	\$40.00



Woodruff Key Assortment

Fastener Barn Carbon steel, standard half-moon keys.

Includes plastic case, plus keys: 40 ea. of 3/8": (10) 1/6", (15) 3/32", (15) 1/8", 95 ea. of 5/8": (10) 3/32", (30) 1/8", (50) 5/32", (5) 3/16", 55 ea. of 3/4": (20) 1/8", (10) 3/4", (20) 3/16", (5) 1/4", 20 ea. of 7/8": (5) 5/32", (5) 3/16", (5) 7/32", (5) 1/4".

Stk.	Mfr.	Qty./Pkg.	Price
485555	WK99	250	\$50.00



Square Key Assortment

Fastener Barn Carbon steel keys with square ends. All 1-1/2"L.

Includes plastic case plus, (15) 1/8" x 1/8", (15) 3/16" x 3/16", (10) 1/4" x 1/4", (10) 5/16" x 5/16", (5) 3/8" x 3/8", (5) 1/2" x 1/2".

Stk.	Mfr.	Qty./Pkg.	Price
485538	SK99	60	\$45.00



Shop Assortment

Fastener Barn

Includes plastic case plus:

- woodruff keys (25) 3/32" x 3/8", (25) 3/32" x 1/2", (25) 1/8" x 1/2", (40) 1/8" x 5/8", (50) 5/32" x 5/8", (25) 3/16" x 3/4"
- roll pins (20) 1/8" dia. x 5/8"L, (20) 1/8" dia. x 1"L, (20) 5/32" dia. x 5/8"L, (20) 5/32" dia. x 1"L, (20) 3/16" dia. x 1"L
- snap rings (25) 3/8" dia., (25) 1/2" dia., (25) 5/8" dia., (25) 3/4" dia.
- "E" Clips (25) 1/4" dia., (25) 3/8" dia.

Stk.	Mfr.	Qty./Pkg.	Price
485535	SA99	460	\$60.00

We're experts when it comes to setting up your classroom, shop & lab.
Call us at 800-831-5904.

LADDERS & STEP STOOLS



967615 967650 967730

Extra Heavy-duty Type IA

Werner 300 lb. rated ladders have Tool-Tra-Top® w/drill holster & convenient tray, double-ribbed slip-resistant Traction-Tred® steps, full set of rear horizontals spaced 1' apart, braces on top & bottom steps & horizontals.

Aluminum Sturdy Spill-Proof® pail shelf with rag rack holds gallon paint can. I-hand carry and close "H" spreader with handgrip. Heavy-duty aluminum bracket with slip-resistant footpad.

Stk.	Mfr.	Size	Platform	Width	Spread	Weight	Price
967615	374	4'		19-1/2"	29-1/2"	11 lbs.	\$188.00
967616	375	5'		21-1/4"	35-3/4"	13 lbs.	\$217.00
967617	376	6'		23"	41-7/8"	15.5 lbs.	\$226.00
967619	378	8'		26-1/2"	54-1/4"	22.5 lbs.	\$374.00
967600	310	10'		30"	66-1/2"	31 lbs.	\$493.00

Fiberglass Orange electrically non-conductive side rails. 4 rivets attach top to front rails. Rivets are backed by a metal part or washer to protect rails. Back-up plates reinforce top connectors. Shoulder bolt & nut on top hinge. Paint can hang on backside of top. Heavy-duty internal spreaders. Edge® molded brace and footpad combination.

Stk.	Mfr.	Size	Platform	Width	Spread	Weight	Price
967650	6204	4'		19-7/8"	29"	16 lbs.	\$166.00
967651	6205	5'		21-5/8"	35-1/8"	19 lbs.	\$186.00
967652	6206	6'		23-3/8"	41-1/4"	22 lbs.	\$206.00
967654	6208	8'		26-7/8"	53-5/8"	30 lbs.	\$337.00

Fiberglass Platform Ladders Orange electrically non-conductive side rails. Back-up plates reinforce all top connectors. Large, secure & comfortable work platform. Safety guardrail encourages proper ladder use. Every rivet backed up by metal part or washer to protect rails. Edge® molded brace and footpad combination.

Stk.	Mfr.	Size	Platform	Width	Spread	Weight	Price
967730	P6204	6'	4'	26-7/8"	42"	24 lbs.	\$349.00
967731	P6206	8'	6'	30-3/8"	54-3/4"	32 lbs.	\$440.00
967732	P6208	10'	8'	33-7/8"	66-5/8"	44 lbs.	\$570.00
967733	P6210	12'	10'	37-1/2"	79"	55 lbs.	\$634.00

967600 & 967619|Equipped w/Pinch-Proof™ spreaders.
967731 & 967732|Equipped w/additional bracing.



967700 967720

Extra Heavy-duty Type IA w/Flat D Rung

Werner 300 lb. rated ladders with extra heavy-duty I-beam rails. Alflo® rung joint for Twist-Proof® performance. Slip-resistant Traction-Tred® D-rungs. Rugged, smooth-operating spring-loaded locks. Mar-resistant end caps.

Aluminum Smooth operating pulley is enclosed for protection. Base and fly separate easily for use as extension or 2 single sections. Thick guide bracket engages full fly rail. Shu-Lok® rugged shoe rests flat or is held in spur position. Durable guide brackets provide smooth operation of fly section.

Stk.	Mfr.	Size	Working Length	Weight	Price
967700	D1516-2	16'	13'	31 lbs.	\$528.00
967701	D1520-2	20'	17'	37 lbs.	\$587.00
967702	D1524-2	24'	21'	45 lbs.	\$714.00

Fiberglass Heavy-duty pulley with rope, clamp ties rope to rung. Base and fly separate easily to use base section as single ladder. Durable rail shield bracket and Shu-Lok® slip-resistant pad and spur plate. External guides at top of base section securely interlock rails. Pierced holes at top of rails for easy-field installation of accessories. Direct rung-to-rail connections. Interlocking side rails. Molded rung braces. Internal glides on bottom of fly section securely interlock rails.

Stk.	Mfr.	Size	Working Length	Weight	Price
967720	D6216-2	16'	13'	37 lbs.	\$430.00
967721	D6220-2	20'	17'	45 lbs.	\$493.00
967722	D6224-2	24'	21'	52.5 lbs.	\$572.00

967700 & 967720|Not equipped w/rope & pulley.



Folding Step Stools

Midwest For the shop or classroom. Stable polypropylene stool quickly folds for storage. 300 lb. capacity. USA.

Stk.	Mfr.	Color	Size	Price
279415	101-6W	White	10"W X 9"D x 9"H.	\$15.90
279419	101-6BK	Black	10"W X 9"D x 9"H.	\$15.90

VACUUMS



Pneumatic Vacuum Cleaner

Ace Industrial Powerful handheld vacuum converts compressed air vacuum via Venturi principle. No electrical connections makes unit safe to use in wet locations.

- Operates on standard compressed air lines at 60-150 psi
- Lightweight all-aluminum body

- Trigger handle is ergonomically designed for comfort & ease of use
 - Nozzle design facilitates pickup of large & irregular shaped objects
 - Zippered collection bag
- Weight 2 lbs.

Includes gun, bag & 5" slot nozzle.

Stk.	Mfr.	Price
199310	80-201MD	\$138.00



Micro™ Vacuum

Shop-Vac Quiet, compact, lightweight vacuum stands up to tough dirt. Use for quick wet and dry pick up jobs in workshop or classroom. Features plastic tank, easy-carry handle and 1-1/4" accessories. 2-yr. mfr.'s warranty.

Sealed pressure 44". Air flow 95 cfm. Capacity 1 Gal. (0.25 wet/0.75 dry). Size 10"W x 8-7/8"D x 15-1/4"H. Weight 6 lbs.

Includes 6' cord, 1-1/4" x 4' hose, gulper nozzle, crevice tool, 2 filters (disposable bag & foam sleeve), wall bracket w/tool holder.

Stk.	Mfr.	Volts	Amps	HP	Price
774025	202-10-00	120	6	1	\$55.00



Shop-Sweep® Industrial Indoor/Outdoor Vacuum

Shop-Vac Quick, easy cleaning of small to medium areas indoors or out. Heavy-duty nylon impeller mulches as it cleans. 2 height settings for work or machine shop and for overall building maintenance. 8 gal. bag with easy to empty filter/collection bag. Built-in kick stand. Double insulation. Safety switch.

Air flow 300 cfm. Size 19-1/2"W x 39-1/2"D x 36" H. Weight 19 lbs.

Requires extension cord, sold separately.

Stk.	Mfr.	Volts	Amps	HP	Price
774040	405-00-10	120	6	1.25	\$218.00



5 Gallon Wall Mount™ Wet/Dry Vacuum

Shop-Vac Centralized cleaning for work shop or anywhere a hands-free vacuum center is desired. Space saving design. 3-yr. mfr.'s warranty.

Sealed pressure 55". Air flow 145 cfm. Capacity 5 Gal. Weight 16 lbs. (shipping).

Includes 1-1/4" dia. x 18' hose, 3 extension wands, 10" wet/dry nozzle, gulper nozzle, crevice tool, round brush, tool holder, wall bracket, cartridge filter, foam sleeve, disposable filter bag & 6' cord.

Stk.	Mfr.	Volts	Amps	HP	Price
776000	394-20-00	120	8.9	4.5	\$148.00



8.4 Gallon Turbo II Wet/Dry Vacuum

Fein Powerful wet and dry vacuum cleaner for connecting to power tools during workshop and installation use. Autostart outlet with power-on delay to prevent current spikes. Large range due to 16' power cord and 16' vacuum hose. Large wheels rotate 360° for optimal maneuverability.

Sealed pressure 98.4". Air flow 151 CFM. Capacity 8.4 gal. dry / 6.9 gal. wet. Size 17.3"L x 14.9"W x 22.4"H. Weight 20.1 lbs.

Includes 1-1/4" hose, tool coupling w/suction control, filter bag & filter.

Stk.	Mfr.	Volts	Amps	Price
411596	9-20-28	120	9	\$512.00



Stainless Steel Wet/Dry Vacuum

Shop-Vac High performance 4.5 HP vacuums have steel tanks and rust-resistant epoxy phenolic-coated interiors. Heavy-duty plastic tools in 1-1/4" and 2-1/2" sizes. Full caster dolly.

Sealed pressure 62". Air flow 170 cfm.

Includes 2 hoses (1-1/4" x 7' & 2-1/2" x 6'), 2 extension wands, 8" utility nozzle, 12" floor nozzle w/brush & squeegee inserts, crevice tool, round brush, gulper nozzle, foam sleeve & cartridge filter.

10 Gallon Size 17"W x 17"D x 26.2"H. Weight 25 lbs.

Stk.	Mfr.	Volts	Amps	HP	Price
774091	600-02-10	120	9	4.5	\$252.00

6 Gallon Size 17"W x 17"D x 24"H. Weight 20 lbs.

Stk.	Mfr.	Volts	Amps	HP	Price
774090	600-01-10	120	9	4.5	\$213.00



10 Gallon Industrial Single Stage Wet/Dry Vacuum

Shop-Vac Industrial single-stage, 6.5 HP vacuum has a stainless steel tank. Features full caster dolly with 8" rear wheels, transport handle and onboard tool storage basket.

Sealed pressure 66". Airflow 185 CFM.

Size 16-3/4" x 16-3/4" x 32". Weight 32 lbs. (shipping).

Includes 1-1/4" x 8' LockOn® hose, 2 metal extension wands, 10" wet/dry nozzle, dual surface selector nozzle, crevice tool, round brush, cartridge filter & high efficiency collection filter bag.

Stk.	Mfr.	Volts	Amps	HP	Price
776433	925-60-10	120	9.7	6.5	\$374.00



12 Gallon Wet/Dry Vacuum

Ridgid Powerful high performance wet/dry vacuum handles tough cleanup jobs. Large carry handle provides power cord storage, plus onboard accessory storage for easy access. 360° casters for maneuverability. Rugged polypropylene construction with large built-in drain at

lowest point of drum. Ultra-flexible, locking hose won't loosen during use, smooth interior surface reduces clogging. Use as blower to clear debris from shop and job sites. Qwik Lock® system makes filter changes quick without tools.

Airflow 103 cfm. Capacity 12 gal. dry/wet. Size 19.5"L x 21.5"W x 26"H. Weight 18.28 lbs.

Includes two 2-1/2" extension wands, 1-7/8" x 8' premium locking hose, 3 nozzles (utility, wet & car), 15' cord, standard filter cartridge & manual.

Stk.	Mfr.	Volts	Amps	HP	Price
692575	50323	120	10	5	\$151.00



12 Gallon On Demand™ Wet/Dry Vacuum

Shop-Vac Quiet operation motor, tool basket and tank drain, plus a convenient On Demand feature. This feature automatically turns on and off as you turn your power tool on and off, helping to keep your workspace clean.

Sealed pressure 60". Airflow 175 cfm.

Size 29.2" x 18" x 17". Weight 35 lbs.

Includes 1-1/4" x 12' Lock-On hose, 2 extension wands, 10" wet/dry nozzle, crevice tool, round brush, gulper nozzle, dual surface selector nozzle, tool adapter, cartridge filter & high-quality collection filter bag.

Stk.	Mfr.	Volts	Amps	Price
776445	954-12-10	120	12	\$420.00



12 Gallon Industrial Multi-Purpose Wet/Dry Vacuum

Shop-Vac 2-stage 2.5 HP peak wet/dry vacuum with lightweight poly tank, heavy-duty casters, tool basket, caddy and tank drain.

Sealed Pressure 90". Air Flow 100 CFM. Capacity 11 gal. dry, 10 gal. wet. 1-1/4" & 2-1/2" dia. accessories.

Includes 1-1/4" dia. accessories (7' Lock-on hose, 2 extension wands, 12" floor nozzle w/brush & squeegee inserts, crevice tool, round brush, gulper nozzle), 2-1/2" dia. accessories (6' Lock-on hose, 2 extension wands, 8" utility nozzle), foam sleeve, disposable filter bag, ultra web cartridge filter & 35' cord.

Stk.	Mfr.	Volts	Amps	Price
776443	962-38-10	120	9.5	\$366.00



14 Gallon Wet/Dry Vacuum w/Cart

Ridgid Industrial strength wet/dry vacuum and cart delivers 6.0 peak HP. Sturdy cart features large rear wheels, accessory storage bag and carry handle with power cord storage. Scroll Noise Reduction® provides quiet operation by precisely controlling air flow. 2-piece polypropylene construction with a large built-in drain at the lowest

point of the drum. Ultra-flexible locking hose won't loosen during use, smooth interior surface reduces clogging. Use as a blower to clear debris from shop and job sites. Qwik Lock® system makes filter changes quick without tools.

Airflow 143 cfm. Capacity 14 gal. dry/wet.

Size 19.75"L x 19.75"W x 25.75"H. Weight 28.5 lbs.

Includes two 2-1/2" extension wands, 1-7/8" x 8' premium locking hose, 4 nozzles (utility, wet, crevice & car), 20' cord & fine dust filter cartridge.

Stk.	Mfr.	Volts	Amps	HP	Price
692576	50348	120	11	6	\$225.00



16 Gallon Stainless Steel Wet/Dry Vacuum

Ridgid Stainless steel wet/dry vacuum is designed to deliver the powerful suction, large capacity, rugged construction, and excellent mobility for professional, contractor and industrial use. Scroll Noise Reduction® provides quiet operation by precisely controlling air flow. Stainless steel drum construction with large built-in drain at lowest point

of drum. Ultra-flexible locking hose won't loosen during use, smooth interior surface reduces clogging. Use as blower to clear debris from shop and job sites. Qwik Lock® system makes filter changes quick without tools.

Airflow 187 cfm. Capacity 16 gal. dry/wet. Size 19.8"L x 19.8"W x 28.5"H. Weight 40 lbs.

Includes two 2-1/2" extension wands, 1-7/8" x 8' premium locking hose, 4 nozzles (utility, wet, crevice & car), 20' cord & fine dust filter cartridge.

Stk.	Mfr.	Volts	Amps	HP	Price
692577	50353	120	12	6.5	\$300.00



Industrial Heavy-Duty Series Wet/Dry Vacuum

Shop-Vac 2-stage industrial wet/dry vacuum built to clean up heavy-duty messes. Stainless steel tank, extra large wheels and lock-on positive hose connection system. Blower feature and onboard accessory storage. 1-1/2" dia. accessories. Sealed pressure 105". Air Flow 109 CFM.

Includes 1-1/2" dia. x 12' lock-on hose, 2 interlocking metal extension wands, 14" deluxe master nozzle w/rug, brush & squeegee inserts, plastic storage basket, crevice tool, round brush, 6" utility nozzle, foam sleeve, high-quality collection bag, full polyester filter & Cleanstream® abrasive resistant cartridge filter.

10 Gallon Capacity 9 gal. dry, 8 gal. wet.
Size 17-1/4" x 17-1/4" x 34". Weight 51 lbs.

Stk.	Mfr.	Volts	Amps	HP	Price
776651	970-02-10	120	11	3	\$768.00

20 Gallon Capacity 17.25 gal. dry, 18.25 gal. wet.
Size 18-3/4" x 18-3/4" x 40". Weight 62 lbs.

776653	970-04-10	120	11	3	\$897.00
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Industrial Series Wet/Dry Vacuum

Shop-Vac Economical commercial vacs with tough, lightweight poly tanks with drain. The quiet motor features an easy-reach switch. Top and side handles. Easy-roll, anti-tip caster system. On-board tool and cord storage.

Includes 1-1/2" dia. x 12' lock-on hose, 18' cord, adapter, 2 extension wands, claw utility nozzle, 14" floor nozzle, crevice tool, high-efficiency drywall disposable filter bag & ultra-web cartridge filter.

10 Gallon Sealed pressure 59". Air flow 173 cfm.
Size 18-1/2"W x 18"D x 22"H. Weight 22 lbs.

Stk.	Mfr.	Volts	Amps	HP	Price
776455	962-50-10	120	9.6	4	\$145.00

12 Gallon Sealed pressure 59". Air flow 190 cfm.
Size 18-1/2"W x 16-3/4"D x 22-1/2"H. Weight 27 lbs.

776456	962-51-10	120	11.3	5	\$162.00
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16 Gallon Sealed pressure 60". Air flow 190 cfm.
Size 21-1/2"W x 20-3/4"D x 23-1/2"H. Weight 32 lbs.

776457	962-52-10	120	11.9	6.25	\$176.00
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18 Gallon Sealed pressure 60". Air flow 195 cfm.
Size 20-1/2"W x 24-3/4"D x 24"H. Weight 33 lbs.

776458	962-53-10	120	12	6.5	\$191.00
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22 Gallon Sealed pressure 60". Air flow 195 cfm.
Size 21"W x 25"D x 27-3/4"H. Weight 35 lbs.

776459	962-54-10	120	12	6.5	\$217.00
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Industrial Super Quiet Wet/Dry Vacuum

Shop-Vac Industrial 6.5 HP wet/dry vacs are 50% quieter than the standard Shop-Vac wet/dry vacuums. Lightweight poly tank with drain. Sealed pressure 66". Air flow 185 cfm.

Includes 1-1/4" x 8' lock-on hose w/hand-grip & airflow control, 18' cord, 2 metal extension wands, 10" combination wet/dry nozzle w/positive-lock, dual surface selector nozzle, crevice tool, round brush, gulper nozzle, tool basket, cartridge filter & high-quality collection filter bag.

8 Gallon Capacity 7 Gal. Dry/ 6 Gal. Wet.
Size 15-3/8"W x 18"D x 23"H. Weight 25 lbs.

Stk.	Mfr.	Volts	Amps	HP	Price
776410	925-28-10	120	9.7	6.5	\$231.00

10 Gallon Capacity 9 Gal. Dry/ 8 Gal. Wet.
Size 19-1/4"W x 19-1/4"D x 21-1/4"H. Weight 24 lbs.

776411	925-29-10	120	9.7	6.5	\$282.00
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55 Gallon Industrial Heavy-duty Wet/Dry Vacuum

Shop-Vac Industrial, 2-stage, 3 HP vacuum has a steel tank with epoxy phenolic rust resistant interior coating. Sealed pressure 105". Air flow 109 cfm. Capacity 55 Gal. Dry / 49.25 Gal. Wet. Size 24"W x 24"D x 41"H. Weight 82 lbs.

Includes 1-1/2" x 35' cord, 12' crush-proof hose w/right angle connector, 6" metal nozzle, steel band dolly & UltraWeb® cartridge filter.

Stk.	Mfr.	Volts	Amps	HP	Price
776654	970-05-10	120	11	3	\$906.00

Vacuum Extension Hoses Shop-Vac

Stk.	Mfr.	Size	Length	Price
776220	903-24	1-1/4"	18'	\$63.00
776250	905-03	2-1/2"	8'	\$25.20

Crush-proof hose.

776345	905-66	1-1/2"	12'	\$68.20
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Cloth Filter Bags Shop-Vac

Stk.	Mfr.	Item	Price
774335	901-02	Cloth Bag	\$6.52
774403	901-15	Super Performance Cloth Bag	\$9.33

Reusable Dry Disc Filters Shop-Vac

Stk.	Mfr.	Item	Price
774400	901-07	With Mounting Ring, 3/pkg.	\$5.75
775000	901-37	W/out Mounting Ring, 3/pkg.	\$4.93

High Efficiency Dry Filtration Filter Bags Shop-Vac 95% efficient at 0.1 micron w/superior airflow characteristics.

Stk.	Mfr.	Item	Qty.	Price
776370	906-67-00	Fits 1.5 gal. AllAround® Type A 6.0 A, 1 gal. Micro & Bulldog®	3	\$7.35
776397	919-04-10	Fits 6 gal. Squat	5	\$29.00
776396	919-05-10	Fits 5, 6 & 8 gal.	5	\$29.00
776398	919-06-10	Fits 10, 12 & 14 gal.	5	\$40.00
776399	919-07-10	Fits 15-25 gal.	5	\$42.60

Foam Filter Sleeve Shop-Vac

Stk.	Mfr.	Fits	Size	Qty.	Price
776310	905-25-00	Micro 202-10		1	\$3.96
776355	905-85		8" dia. x 6.5"H	1	\$5.61

Cartridge Filter Shop-Vac For both wet and dry pick up. Fits most full-size vacuums.

Stk.	Mfr.	Price
775938	903-04	\$15.30

Ultra-Web® Filter For small, dry debris & wet materials like cold fireplace ash, auto refinishing, cement dust, sawdust and drywall dust.

Stk.	Mfr.	Price
776231	903-50-00	\$25.40

Prefilter Shop-Vac For use w/903-04 filter.

Stk.	Mfr.	Price
776230	903-49	\$8.54

Wet/Dry Vacuum Pleated Paper Filter Ridgid Great for everyday dirt. 1 layer pleated paper filter. Fits 6-20 gallon vacuums.

Stk.	Mfr.	Qty.	Price
691960	VF4000	1	\$27.00

MATERIAL HANDLING



2-Ton 10' Lift Chain Hoist

J E T Lightweight, compact design ideal for low head room applications. All steel construction with durable powder coat finish.

Capacity 4,400 lbs. Weight 44 lbs.

Complies w/OSHA,ANSI/ASME B30.16 & HST-2 standards.

Stk.	Mfr.	Lift	Head Room	Pull to Lift Capacity	Price
485744	L100-200-10	10'	14-3/4"	79 lbs.	\$462.00



Folding Shop Crane

Bendpak 4,400 lb. capacity heavy-duty hydraulic folding engine hoist is perfect for shops that have limited space but still need the pure lifting convenience of a crane. 2-ton folding shop crane sports a 1" to 93" lifting range and features a 4-hole position boom and rugged hydraulic ram.

Includes heavy steel hook w/safety latch.

Stk.	Mfr.	Price
235587	RSC-2TF	\$489.00



TuffTruck™ Platform Cart

Safco All-welded steel frame platform. Anti-skid mat and 3/4" wrap-around vinyl bumper. Folding handle, chip-resistant powder coat finish and 4" solid rubber wheels (2 swivel). Greenguard certified.

Large Platform 24"W x 36"D 500 lb. capacity. 24"W x 36"D x 34"H. Weight 42 lbs.

Stk.	Mfr.	Price
770864	4063	\$171.00

Small Platform 19"W x 29"D 400 lb. capacity. 18-3/4"W x 29"D x 33-1/2"H. Weight 22 lbs.

Stk.	Mfr.	Price
770865	4072	\$120.00



Pallet Truck

J E T 5,000 lb. capacity truck of high-quality welded steel. Hydraulic pump with hardened and chrome piston and ram, high-quality seals and built-in overload protection. 1-hand operation, finger-tip controls, 180° turning radius. Low-profile 2-1/2" design with steel load

wheels. Steel push rods assist steering on uneven floors. Extra-wide poly-over-steel steer wheels with solid steel. Tapered forks with steel ramps for trouble-free pallet loading. Double sealed, lifetime lubricated wheel bearings.

Stk.	Mfr.	Price
485758	PT-2748J	\$439.00



Drum Dolly

J E T Smooth-rolling, strong and durable dolly easily transports a 55 gal. drum. All welded 1/8" x 2-1/8" steel frame with 3-1/8" cross straps. Replaceable heavy-duty zinc-plated casters feature single race bearings with 3" x 1-1/4" polyolefin

tread to resist oil, water and impact. Zinc-plated nuts and bolts. Orange finish.

Stk.	Mfr.	Price
485885	DD-55	\$90.70



Hand Truck

Milwaukee Tool 800 lb. capacity hand truck with 10" x 4" pneumatic wheels. Sturdy truck features high stacking capability. 8" x 14" toe plate. P-style handle.

Stk.	Mfr.	Price
942831	40119	\$182.00

FANS



30" Industrial Pedestal Fan

Pinnacle Direct-drive, 2-speed motor delivers up to 8,476 cfm. 3 metal 30" dia. blades. 57° adjustable vertical tilt. Height adjusts from 67" to 76". 10' grounded cord.

OSHA 1910.212 compliant.

Stk.	Mfr.	Price
943271	PT-30P-DDF	\$213.00



20" High-Velocity Floor Fan

Westpointe Features 3 speed settings, rotary dial and 360° adjustable air flow. Grounded SJT type cord with convenient cord storage. Chrome finish. 20" diameter.

Stk.	Mfr.	Price
943288	HVF20-SC3PRONG	\$82.30

FLASHLIGHTS & WORKLIGHTS



Heavy-duty Flashlight

Rayz Soft black rubber heavy-duty flashlight with a bright Krypton bulb. Push-button switch. Water-resistant.

Includes 2 D batteries & carry strap.

Stk.	Mfr.	Price
942669	765216	\$11.10



Luminator Floating Lantern

Dorcy Rugged 6V flashlight with super-bright Krypton bulb. Large handle, push-button switch and wireless integrated battery contact plate. Orange plastic, water-resistant housing floats for 30 min.

Includes 6V battery & bulb.

Stk.	Mfr.	Price
942706	41-2087	\$8.63



D-Cell LED Flashlight

Rayovac 9 lumen pre-focused LED bulb. 160 hour runtime on alkaline batteries. 131' beam distance. Mfr.'s lifetime warranty.

Includes 1 D battery.

Stk.	Mfr.	Price
943313	VB1DLED-BA	\$6.48



LED Aluminum Flashlight

Dorcy 80 Lumen LED projects 100' intense beam of light. Never-replace bulb. Black alloy-aluminum body. Recessed tail-cap switch. 8-hr. run time. 5.25"L.

Includes 3 AAA batteries.

Stk.	Mfr.	Price
943277	41-4287	\$24.00



MaxLife 369™ Tripod Flashlight

Stanley Tripod design offers hands-free convenience. Weather-resistant anodized aluminum frame construction tripod legs. Multi-position head focuses light where it's needed. Extended run time of 200+ hrs. (on 9 AA batteries). Low-power indicator light. 4-position switch (low, medium, high & off).

Requires 3, 6 or 9 AA batteries, sold separately.

Stk.	Mfr.	Price
864850	95-112B	\$22.40



Clip-on LED Flashlight

Pelican Dual, super-bright white LEDs provide 100+ hr. battery time. Turns on when the head is flipped up. Pivots 180° for aiming light. 1 oz.

Includes two 3V Li-ion batteries & built-in belt clip.

Stk.	Mfr.	Price
532820	2220-010-110	\$31.20

BATTERIES, CHARGERS & TESTERS

Batteries



Stk.	Mfr.	Type	Qty.	Brand	Price
687722	6V	6V carbon zinc	1	Duracell	\$6.92
687755	6V	6V alkaline	1	Energizer	\$24.40
687715	9V	9V alkaline	1	Duracell	\$7.56
687731	C	C alkaline	4	Duracell	\$13.70
687745	D	D alkaline	4	Duracell	\$13.70
687720	AA	AA alkaline	4	Duracell	\$7.09
687734	AAA	AAA alkaline	4	Duracell	\$7.09
943197	L91BP-2	AA Li-ion	2	Energizer	\$8.15
943198	L92BP-2	AAA Li-ion	2	Energizer	\$8.15

Rechargeable Ni-Mh Batteries

Energizer

Stk.	Mfr.	Type	Qty.	Price
942713	NH22NBP	9V	1	\$15.50
942709	NH35BP-2	C	2	\$15.50
942711	NH50BP-2	D	2	\$15.50
942719	NH12BP-2	AAA	2	\$11.50
942717	NH15BP-2	AA	2	\$11.50
942715	NH15BP-4	AA	4	\$19.10



Universal Battery Charger

Energizer Charges up to 8 AA, 8 AAA, 4C, 4D or 1 9V NiMH rechargeable batteries.

Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off

to prevent over charge, short circuit and reverse polarity protection & bad battery detection. Energy Star rated.

Includes AC adapter.

Stk.	Mfr.	Price
943265	CHFC	\$44.50



Battery Tester

Gardner Bender Analog meter with a 9-position rotary selector switch. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo & lantern cells, 6V lantern cell, 12V & 5V photo cells.

Includes test leads & instructions.

Stk.	Mfr.	Price
416600	GBT-500A	\$12.50



Analog Battery Tester

Gardner Bender Analog meter with low/good indicator. Movable contact arm fits various battery sizes. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, 9V & 1.5V button cells.

Includes instructions.

Stk.	Mfr.	Price
416602	GBT-3502	\$10.10

ELECTRICAL



6-Outlet Surge Protector

Woods 750 joule rating. 6 outlets with sliding safety covers and surge protection indicator. EMI/RFI noise filtration. UL listed.

Stk.	Mfr.	Price
983146	041152	\$11.90



6-Outlet 4' Cord Surge Protector

Woods 6 outlets with 1,000 joule surge protection. Surge protection and ground indicators.

Features right-angle plug, sliding safety covers and EMI/RFI noise filtration. Lighted on/off switch with 15A circuit. UL listed.

Stk.	Mfr.	Price
983145	041453	\$14.80



6-Outlet 3' Cord Metal Surge Protector

Woods 2 transformer outlets and 4 standard outlets with 750 joule surge protection. Durable metal construction, lighted reset on/off power and 15A circuit breaker. Sliding safety covers and EMI/RFI noise filtration. UL listed.

Stk.	Mfr.	Price
983144	041552	\$21.70



Multi-Outlet Cord Reel

Alert Convenient storage for 25' of 125V 16/3 cord. Features four 15 amp grounded outlets (NEMA 5-15R), built-in resettable circuit breaker and carrying handle.

Stk.	Mfr.	Length	Price
943332	6000-25G	25'	\$33.60



Light Duty Retractable Cord Reel w/3-Outlets

Reelcraft Compact design for light applications. Features powder coated steel housing, adjustable cable stop and a circuit breaker reset. 30' 16/3 SJTW cord with 3 outlets rated at 10A/125V.

Includes mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
688408	LD2030-163-9	30'	\$89.00



Retractable Metal Cord Reel w/3-Outlets

Coleman Cable 30' safety striped 16/3 ga. grounded cord with 3 outlets. Heavy-duty diamond plate metal casing, built-in circuit breaker with lighted outlet. CETL listed.

Includes mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
983147	E215	30'	\$61.20



Orange Outdoor Round Vinyl Extension Cords

Woods Extension cords with copper conductors, solid molded plugs for longer life, 2 layers of insulation, 1 around each conductor and a second

outer jacket which won't mark floors or walls. Resists deterioration from moisture and abrasion. UL listed, meets OSHA specifications.

Single End

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983102	0267	25'	16/3	13A	\$14.20
983103	0268	50'	16/3	13A	\$23.60
983108	0625	25'	14/3	15A	\$21.30
983109	0626	50'	14/3	15A	\$37.20
983106	0528	25'	12/3	15A	\$34.80
983107	0529	50'	12/3	15A	\$52.90

3-Way Power Block

983230	0819	50'	12/3	15A	\$64.90
983117	0825	25'	14/3	15A	\$34.20
983118	0826	50'	14/3	15A	\$51.10
983119	0827	100'	14/3	13A	\$90.60



Blue Outdoor Low Temp Extension Cords

Coleman Cable High-visibility, blue SJTW extension cords are super flexible for cold temperature. Vinyl cords feature reinforced blades,

power indicator light in female receptacle, plus clear PVC plug and connector. UL listed for use to -45°.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983138	02467	25'	14/3	15A	\$28.70
983139	02468	50'	14/3	15A	\$48.30
983140	02469	100'	14/3	13A	\$91.90
983141	02568	50'	12/3	13A	\$76.80
983142	02569	100'	12/3	13A	\$146.00



Blue Outdoor Tri-Source 3-Way Power Block

Coleman Cable Rugged, bright blue vinyl cord stays flexible outdoors to -45°F. Reinforced blades prevent bending and breaking.

Heavy-duty strain relief protection extends cord life. Female end has power indicator light. Meets OSHA and UL specifications.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983136	04168	50'	12/3	15A	\$92.40



Yellow Indoor Utility Extension Cords

Woods Flat vinyl utility cords designed for general purpose indoor use. Solid molded plugs with copper conductors. Made with a single layer of vinyl insulation that won't mark walls or floors. Resists deterioration from moisture and abrasion.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983120	0834	25'	14/3	15A	\$26.40
983121	0835	50'	14/3	15A	\$48.70



Yellow Jacket® Extension Cord w/Ground Fault Circuit Interrupter

Woods GFCI cord has lighted 3-outlet power block with right angle male plug. Provides maximum safety. Manual test-reset buttons. PowerLite™ plug glows when the cord has power. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983155	2814	2'	12/3	15A	\$64.20



Yellow Jacket® Multi Outlet Lighted Power Cord

Woods Yellow Jacket compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds. Lighted 3-outlet (spaced every 8') 25' power cord. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983157	2830	25'	12/3	15A	\$66.70



Woods Yellow™ Jacket 3-Outlet Lighted Power Cord

Woods Extra heavy duty 600V insulated wire. Lighted 3-outlet power block features high-gloss, super-flexible wire in a tough molded unit that withstands heat, cold and rough use. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983158	2882	2'	12/3	15A	\$15.60



Hi-Vis/Low Temp Extension Cord

Coleman Cable Single-end cord w/power indicator light. High-visibility bright blue cord. Provides super-flexibility at temperatures down to -45°F. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
983149	02367	25'	16/3	\$16.80



Brown Indoor Heavy-duty Polarized Extension Cord

Eagle Extension cord is vinyl with cube tap. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
943027	09405	20'	16/2	13A	\$6.68



Plug Adapter

Pass & Seymour Grounding adapter converts outlet to 3-wire grounding outlet. Adapter has a rigid grounding lug.

Stk.	Mfr.	Price
376072	210-G	\$0.76



Cord Wrap

Bayco Stores extension cords, work lights, coaxial cable, TV antenna wire, speaker wire, rope, holiday lights and more. Heavy-duty impact resistant plastic. Holds up to 150' 16 ga., 3-wire extension cord. Orange.

Stk.	Mfr.	Price
942827	K-150	\$2.95



Cable Wraptor™

Gardner Bender Wrap and hang cords, cables, worklights, chains, hoses and more. Features easy-carry T-handle, large-grip teeth, quick-release trigger, stainless steel hinge, cable tie looping hole and large hang hole. Red and black.

Stk.	Mfr.	Price
416580	CW-T2RR25	\$3.14



Work Light

Woods Dual Hook System permits hanging the light by either its guard or handle. Rugged heat-resistant housing stays cool even with short-neck bulbs. Round orange vinyl jacket is flexible and won't mark floors or walls. Metal grounded guard with switch and grounded outlet. 3-conductor light, UL listed and meets OSHA specifications for temporary lighting. Maximum bulb is 100W, not included.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983116	0681	25'	18/3	10A	\$17.40



Retractable Cord Reel w/Worklight

Coleman Cable Hand-held worklight with 25' retractable extension cord and heavy-duty diamond plate metal reel. 10A grounded outlet and 14/4 ga. high visibility safety stripe orange cord. Metal bulb guard. 100W maximum rated bulb (not included). UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
983148	E251	25'	14/4	\$73.60



Yellow Jacket® Trouble Light

Woods Cool-burning fluorescent work light features full length reflector for more light over workbench or engine. Trigger-started ballast. UL listed. SJT 15W.

Includes 15 watt bulb & S-hooks.

Stk.	Mfr.	Gauge/Conductor	Price
983240	38069	18/2	\$59.00

GENERAL EQUIPMENT & SUPPLIES



USA Flags

Annin Flag features sewn stripes, brass grommets and fits standard flag poles.

Cotton Flag Printed stars & strong duck heading.

Stk.	Mfr.	Size	Price
942947	001124R	3' x 5'	\$25.10

Nylon Flag Embroidered stars, heavy-white canvas heading & flag etiquette brochure

Stk.	Mfr.	Size	Price
942678	002450R	3' x 5'	\$32.60
942679	002215R	4' x 6'	\$44.00



Digital/LCD/LED Moisture Meter

General Accurate, professional meter measures moisture in wood, brick, concrete drywall, plaster and lumber.

- Strong stainless steel pins
 - Battery indicator
 - Audible alarm w/8 tone levels
 - 3 min. auto power off
 - Hold/freeze button
- 1.5 - 50% moisture reading. 0.1% resolution. ±3% accuracy. Size 3"L x 1"W x 5-1/8"H. Weight 5 oz.

Includes 9V battery, protective cover & manual.

Stk.	Mfr.	Price
419945	MMD4E	\$60.00



Pro Survivor Stopwatch

Accusplit Rugged, shock & water resistance. Million cycle switches operate cleanly, precisely & reliably. Large digits for easy viewing. Features split timing, time & date functions. 1.5 year battery life. 5-yr. mfr.'s warranty. Blue.

Includes lanyard, battery & instructions.

Stk.	Mfr.	Price
122001	AX601X-BU	\$20.00



Survivor Stopwatch

Accusplit WOS 2.5 operating system. Cumulative split only. Timing range 24 hours. Event/time-out. 1,2 fast finish. Split/release action. Alarm & date. XL liquid crystal display. Water resistant.

Includes lanyard, battery & instructions.

Stk.	Mfr.	Price
122000	SIXLBK	\$9.60



Analog Dial Thermometer

General For HVAC, hobby, laboratory, photography, automotive, food preparation and other applications. Displays temperature in Fahrenheit. 0° to 220°F range.

Includes stainless steel probe w/protective sheath & clip.

Stk.	Mfr.	Price
431400	321	\$6.58



Empty Spray Bottle

Contico Mfg Adjustable sprayer container with safety information and area to note bottle's contents. See-through with black, red and white accents.

Stk.	Mfr.	Size	Price
942828	PRO16RW	16 oz.	\$3.68



Synthetic Rubber Coating

Plasti Dip Protects against moisture, acids, abrasion and provides grip. Remains flexible and will not crack in extreme weather conditions. Easily applied by dipping or brushing. Endures temperatures from -30°F to 200°F.

Stk.	Mfr.	Color	Size	Price
943318	11601-6	Red	14.5 oz.	\$12.00
943319	11602-6	Yellow	14.5 oz.	\$12.00
943320	11603-6	Black	14.5 oz.	\$12.00



Mousetrap

Victor Metal bait pedal mousetrap.

Quantity Savings!

Stk.	Mfr.	Qty.	Price	144 or more
543999	M040	1	\$0.76	\$0.61

TOOL STORAGE



232995

233002

233007

Metalworking Tool Box Project Kits

KBBI Company Students will experience cutting & bending metal, as well as spot welding or use of pop rivets. Each kit includes detailed instructions & accessories. **Requires galvanized metal sheets, sold separately.**

Junior Tool Box Kit One kit requires 3 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) hinge, draw bolt, steel handle w/cleats & 4 nickel-plated corners.

Stk.	Mfr.	Size	Qty.	Price
232995	JTK-6	13-1/2"L x 5-1/8"W x 4-1/4"H	6 kits	\$49.00
232996	JTK-24	13-1/2"L x 5-1/8"W x 4-1/4"H	24 kits	\$182.00

Hip Roof Tool Box Kit One kit requires 8 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) 2 hinges, padlock hasp, 4 nickel-plated corners, steel handle & 2 draw bolts.

Stk.	Mfr.	Size	Qty.	Price
233002	MTK-6	18"L x 6"W x 7"H	6 kits	\$72.00
233003	MTK-24	18"L x 6"W x 7"H	24 kits	\$233.00

Large Tool Box Kit One kit requires 5 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) hinge, hardware, steel handle, 4 nickel-plated corners & draw bolt.

Stk.	Mfr.	Size	Qty.	Price
233007	WTK-6	18-1/4"L x 6-1/4"W x 7-1/4"H	6 kits	\$65.70
233008	WTK-24	18-1/4"L x 6-1/4"W x 7-1/4"H	24 kits	\$217.00

Metal Sheets

Sioux City Foundry

Galvanized

Stk.	Mfr.	Size	Gauge	Price
884623	24GA	36" x 96"	24	\$72.40
884690	26GA	36" x 96"	26	\$97.00
884757	28GA	36" x 96"	28	\$88.00

Cold Rolled

884625	24GA	36" x 96"	24	\$130.00
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Tool Box Continuous Hinges

Stk.	Mfr.	Item	Size	Qty.	Price
233011	KB-1314	JTK	13-3/4" x 1"	1	\$1.52
233010	KB-1734	MTK & WTK	17-3/4" x 1"	1	\$1.60

Tool Box Corners

Stk.	Mfr.	Item	Qty.	Price
233040	8095N	JTK	1	\$0.40
233039	8050N	MTK & WTK	1	\$0.44

Tool Box Latches

Stk.	Mfr.	Item	Qty.	Price
233041	44333N	MTK & WTK	1	\$2.30
233042	HC227ZE	JTK	1	\$3.70

Tool Box Handles

For Tool Box Kits MTK, WTK & JTK. **Includes** handle and 2 cleats.

Stk.	Mfr.	Finish	Qty.	Price
233012	K140N-5	Steel	1	\$2.27

For Tool Box Kits MTK & WTK.

232920	350-7415	Black Handle / Nickel plated fittings	1	\$3.92
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Hammered Spray Paint Rust-Oleum Applies a distinctive hammered look &/or hides flaws & imperfections found in scratched, rusted or pitted metals. Not recommended for use on galvanized metal.

Stk.	Mfr.	Color	Size	Price
963050	7217830	Bright Red	12 oz.	\$10.40
963051	7211830	Deep Green	12 oz.	\$10.40
963052	7215830	Black	12 oz.	\$10.40

Series 2000 Toolbox w/Tray Stanley



- Nickel metal-plated latches
- Black tool box & lid
- Soft, wide rubber-coated handle
- Built-in padlock eye for small locks
- 2 outside-accessible lid organizers

Includes lift-out tray.

Stk.	Mfr.	Size	Price
841020	024013S	24"W x 11"D x 11"H	\$39.30



Plastic Tool Boxes

Plano Gray plastic tool box features tool tray access without opening the main compartment. Recessed carrying handle and latches.

Includes lift-out tray, top access tray.

Stk.	Mfr.	Size	Weight	Price
943261	452-006	16"W x 8-1/2"D x 8"H	3.1 lbs.	\$25.60
943262	652-009	20"W x 10"D x 9"H	4.6 lbs.	\$38.00
943263	682-007	26"W x 10"D x 9-1/2"H	6.7 lbs.	\$44.20



Compact Plastic Tool Box

Plano Compact tool box with top access makes this a great small project box. Smaller tools, as well as the small parts needed to complete tasks are all at hand with this value priced tool box. Gray.

Includes lift out tray.

Stk.	Mfr.	Size	Price
943308	114-02	13"W x 7.5"D x 5"H	\$12.70



24" Power Tool Box

DEWALT Heavy-duty molded, 2-part detachable case. Top smaller case houses power tools and small parts. It's light weight allows easy job-site portability. Use the larger lower case to store hand tools. Small case w/integrated handle, large case w/long metal handle. Single push-button for case detach and reattachment. Heavy-duty, rust-resistant latches.

Includes removable metal tote tray.

Stk.	Mfr.	Size	Weight	Price
243409	DWST24070	24"W x 11.5"D x 12.5"H	7.5 lbs.	\$36.60



Canvas Tool Bag

Marshalltown Heavy-duty canvas bag with lock stitched seams and a waterproof Masonite bottom. Handles, billets and buckles are riveted on a 12 ga. steel frame. Inside pocket. USA made.

Stk.	Mfr.	Size	Price
528566	831	20"W x 15"D	\$51.70



Nylon Tool Bag

Marshalltown 14 multi-purpose inside pockets, 6 outside pockets and 4 outside web pockets. Double-layered, water-resistant nylon with reinforced bottom panel. Padded handles and adjustable shoulder strap.

Stk.	Mfr.	Size	Price
528558	NB203	24"W x 10-1/2"D	\$50.60



16" Utility Tote

Irwin Open main storage compartment, side pockets, 24" level storage.

Includes removable shoulder strap.

Shown with tools, sold separately.

Stk.	Mfr.	Size	Price
452719	4402016	16"L	\$45.60



16" Tool Box

Stack On Nickel-plated steel tool box with heavy-duty handle. Locking latch and full-length, piano hinge provide security and strength. Baked epoxy finish resists rust and solvents.

Size 16"W x 7"D x 7-1/2"H.

Includes plastic lift-out tray.

Shown w/tools, sold separately.

Stk.	Mfr.	Capacity	Weight	Price
943227	SHB-16	840 cu. in.	5.65 lbs.	\$37.70



19" Hip Roof Tool Box

Proto Large capacity, general-purpose tool box easily displays socket sets. Double latch for greater security.

Size 19"W x 7"D x 7"H.

Includes steel lift-out tray.

Stk.	Mfr.	Capacity	Weight	Price
903988	9971-NA	931 cu. in.	8 lbs.	\$55.30



Metal Tool Box

Craftsman Metal tool box organizes tools and supplies in 1 convenient location. Rugged construction provides optimal protection against harsh environments.

Size 20"L x 8"W x 9"H.

Includes removable metal tote tray.

Stk.	Mfr.	Capacity	Weight	Price
305775	59210	1,440 cu. in.	10.25 lbs.	\$56.80



32" Carpenter's Tool Box

Proto Roomy tool box with sturdy side handles and standard top handle. Smooth rolled front edge. Extended corner tabs reinforce box strength. Metal construction with brown enamel.

Size 32"W x 8-1/2"D x 9-1/2"H.

Includes steel lift-out tray.

Stk.	Mfr.	Capacity	Weight	Price
904010	9979-NA	2,584 cu. in.	24 lbs.	\$109.00



3-Drawer Portable Tool Chest

Craftsman Red steel chest with flip-up top and 3 full-extension drawers that automatically lock when the lid is closed. Drawers open and close easily under heavy loads. Heavy-duty draw bolt and padlock hasp for security. Comfortable handle for easy carrying.

Size 20-1/2"W x 8-1/2"D x 12"H.

Stk.	Mfr.	Capacity	Price
305790	65337	1,558 cu. in.	\$94.70



7-Drawer Machinists' Tool Chest

Kennedy Brown wrinkle finish chest with 7 drawers, plus a generous top compartment, double wall side panels, 6 drawer dividers and keyed lock.

- 20 ga. frame, 22 ga. drawers
- 2-piece, welded friction full depth drawer slides

• Drop-front panel conceals & secures drawers from elements of the work environment (stores in base when not in use)

• Wool-felt lined drawers protect precision tools

• 90 lb. capacity per drawer

• Vinyl cushioned, steel top handle

• Mfr.'s limited lifetime warranty

Drawers

• (4) 8-5/8"W x 7-1/2"D x 1"H

• (1) 8-5/8"W x 7-1/2"D x 2"H

• (1) 18-1/4"W x 7-1/2"D x 1-1/2"H

• (1) 18-1/4"W x 7-1/2"D x 2-1/4"H

Top till 20"W x 8-3/8"D x 4-1/2"H. Size 20-1/8"W x 8-1/2"D x 13-5/8"H

Stk.	Mfr.	Capacity	Price
492825	520B	1,694 cu. in.	\$332.00

Kennedy Portable Tool Chests

One-piece, heavy-gauge steel back with bottom & top panels securely welded to the double-wall side panels, giving the chests a tight, solid fit.

- Durable, powder coat finish
- Drawer slides: - friction or ball-bearing for smooth operation - 2-piece, I-beam construction permits smooth, easy full drawer extension - slide limit stops keep drawers from extending on the drawer frame
- Lid features 2 safety stays to hold the lid open
- Locking system: - tamper-proof, internal drawer locks that lock when the lid is closed - cylinder lock w/2 keys
- Hinges are full length to fasten securely
- Cap end construction keeps lid square & weather tight
- Edges are rolled & flattened for added strength & safety



3-Drawer Top Chest

Kennedy Red smooth finish.

Drawers

- (1) 23"W x 10-3/4"D x 2"H
- (1) 23"W x 10-3/4"D x 3"H
- (1) 23"W x 10-3/4"D x 4"H

Top till (1) 26"W x 11-7/8"D x 2-5/8"H

Lift-out tray w/socket set divider (1) 19-1/2"W x 7-3/4"D x 3-3/8"H

Includes snap-in friction slides.

Stk.	Mfr.	Size	Weight	Price
492810	263R	26-1/8"W x 12"D x 14-3/4"H	44 lbs.	\$402.00



5-Drawer Top Chest

Kennedy Red smooth finish.

Drawers

- (4) 23"W x 16-1/2"D x 2"H
- (1) 23"W x 16-1/2"D x 4"H

Top till (1) 26-7/8"W x 17-3/4"D x 2-5/8"H

Includes snap-in ball bearing slides.

Stk.	Mfr.	Size	Weight	Price
492830	2705XR	27"W x 18"D x 18-3/8"H	88 lbs.	\$735.00



6-Drawer Top Chest

Kennedy Red smooth finish.

Drawers

- (3) 6-7/8"W x 10-3/4"D x 2"H
- (2) 22-7/8"W x 10-3/4"D x 2"H
- (1) 22-7/8"W x 10-3/4"D x 3"H

Top till (1) 26"W x 11-7/8"D x 2-5/8"H

Lift-out tray w/socket set divider (1) 19-1/2"W x 7-3/4"D x 3-3/8"H

Includes friction slides.

Stk.	Mfr.	Size	Weight	Price
492812	266R	26-1/8"W x 12"D x 14-3/4"H	52 lbs.	\$483.00



12-Drawer Top Chest

Kennedy Brown wrinkle finish.

Drawers

- (9) 8-5/8"W x 10-3/4"D x 2"H
- (2) 26-3/8"W x 10-3/4"D x 2"H
- (1) 26-3/8"W x 10-3/4"D x 3"H

Top till (1) 26"W x 11-7/8"D

Lift-out tray w/socket set divider (1) 19-1/2"W x 7-3/4"D x 3-3/8"H

Includes friction slides.

Stk.	Mfr.	Size	Weight	Price
492835	2812R	28-5/8" x 12" x 18-7/8" H	71 lbs.	\$835.00

Kennedy Roller Cabinets

One-piece, heavy-gauge steel top, bottom & back are securely welded to the double-wall side panels, giving the cabinet a tight, solid fit.

- Drawer slides: - full ball-bearings for smooth operation even when fully loaded - 2-piece, I-beam construction permits smooth, easy full drawer extension - w/ universal system offer flexibility of drawer configurations
- Locking system: - w/high security, tamper-proof, internal drawer locks - cylinder lock w/2 keys
- 5" dia. easy-roll rubber casters 2 rigid & 2 swivel w/toe locks
- Hardware is solid aluminum, plated steel
- Top panel is reinforced for strength & rigidity



3-Drawer

Kennedy

Drawers

- (2) 23"W x 16-1/2"D x 4"H
- (1) 23"W x 16-1/2"D x 6"H

Compartment (1) 24-1/8"W x 17-3/4"D x 11-1/4"H

Includes 1-1/4"W standard casters & swing down compartment panel.

Stk.	Mfr.	Size	Weight	Price
492816	273XR	27"W x 18"D x 35" H	102 lbs.	\$635.00



6-Drawer

Kennedy

Drawers

- (3) 23"W x 16-1/2"D x 2"H
- (3) 23"W x 16-1/2"D x 4"H

Compartment (1) 24-1/8"W x 17-3/4"D x 11-1/4"H

Includes 2"W riveted sintered bearing casters.

Stk.	Mfr.	Size	Weight	Price
492820	376XR	27"W x 18"D x 39"H	137 lbs.	\$906.00



8-Drawer

Kennedy

Drawers

- (3) 23"W x 16-1/2"D x 2"H
- (4) 23"W x 16-1/2"D x 4"H
- (1) 23"W x 16-1/2"D x 6"H

Includes 2"W riveted sintered bearing casters.

Stk.	Mfr.	Size	Weight	Price
492822	378XR	27"W x 18"D x 39" H	154 lbs.	\$987.00



15-Drawer

Kennedy

Drawers

- (5) 23"W x 16-1/2"D x 2"H
- (3) 23"W x 16-1/2"D x 4"H
- (1) 23"W x 16-1/2"D x 6"H
- (2) 9-5/8"W x 16-1/2"D x 2"H
- (3) 9-5/8"W x 16-1/2"D x 4"H
- (1) 9-5/8"W x 16-1/2"D x 12"H

Includes 2"W roller bearing casters & full width drawer pulls.

Stk.	Mfr.	Size	Weight	Price
492818	315XR	39-3/8"W x 18"D x 39"H	230 lbs.	\$1,377.00

Craftsman Industrial 3000 Series Tool Chests

Constructed specifically for professional work environments.

- I-Frame® construction adds strength & durability
- Heavy-duty full-extension ball-bearing drawer slides support 85 lbs. per drawer
- Top opening chests feature gas struts that safely lift, lower & support the lid
- Internal tubular locking system protects property
- Tubular chrome side handle on rolling cabinets & overmolded bail side handles on top chests for mobility
- Large aluminum drawer trim is comfortable for large fingers • Red finish

**4-Drawer 3000 Series**

- (1) 22-3/8"W x 16-1/2"D x 3-1/8"H
 - (1) 22-3/8"W x 16-1/2"D x 4-1/8"H
 - (1) 22-3/8"W x 16-1/2"D x 6-3/8"H
 - (1) 22-3/8"W x 16-1/2"D x 9-1/2"H
- 5" x 2" casters support 1,000 lbs.

Stk.	Mfr.	Size	Weight	Price
305622	18391	26-1/2"W x 18"D x 34-1/4"H	120 lbs.	\$691.00

**5-Drawer 3000 Series**

Drawers

- (2) 22-3/8"W x 10-3/4"D x 2"H
- (3) 22-3/8"W x 10-3/4"D x 3-1/8"H

Stk.	Mfr.	Size	Weight	Price
305621	18383	26"W x 12"D x 19-3/4"H	65 lbs.	\$453.00

Craftsman Industrial 5000 Series Tool Chests

Constructed specifically for professional work environments.

- I-Frame® construction for durability
- Heavy-duty full-extension ball-bearing drawer slides support 110 lbs. per drawer
- Select drawers with double slides support 175 lbs.
- GRIPLATCH® system secures each drawer
- Internal tubular locking system protects property
- Top opening chests feature gas struts that safely lift, lower & support the lid
- Tubular chrome side handle on rolling cabinets & overmolded bail side handles on top chests
- Large aluminum drawer trim is comfortable for large fingers • Red finish

**5-Drawer 5000 Series**

- (2) 22-3/8"W x 14-5/8"D x 2"H
 - (3) 22-3/8"W x 14-5/8"D x 3-1/8"H
- Overall size 26"W x 16"D x 19-3/4"H.

Stk.	Mfr.	Weight	Capacity	Price
305616	18416	113 lbs.	5,840 cu. in.	\$596.00

**6-Drawer 5000 Series**

- (1) 22-3/8"W x 16-1/2"D x 2"H
 - (2) 22-3/8"W x 16-1/2"D x 3-1/8"H
 - (2) 22-3/8"W x 16-1/2"D x 4-1/8"H
 - (1) 22-3/8"W x 16-1/2"D x 6-3/8"H
- 6" x 2" casters support 1,500 lbs.
Overall size 26-1/2"W x 18"D x 36"H.

Stk.	Mfr.	Weight	Capacity	Price
305617	18417	155 lbs.	7,961 cu. in.	\$952.00

8-Drawer 5000 Series

Left

- (3) 22-3/8"W x 16-1/2"D x 2"H
- (1) 22-3/8"W x 16-1/2"D x 3-1/8"H
- (1) 22-3/8"W x 16-1/2"D x 4-1/8"H

Right

- (2) 11-3/4"W x 16-1/2"D x 4-1/8"H
- (1) 11-3/4"W x 16-1/2"D x 5-1/4"H



Overall size 40-1/2"W x 17-3/4"D x 19-3/4"H.

Stk.	Mfr.	Weight	Capacity	Price
305618	18455	153 lbs.	10,148 cu. in.	\$985.00

14-Drawer 5000 Series

Left

- (6) 22-3/8"W x 16-1/2"D x 3-1/8"H
- (1) 22-3/8"W x 16-1/2"D x 4-1/8"H
- (1) 22-3/8"W x 16-1/2"D x 6-3/8"H

Right

- (4) 11-3/4"W x 16-1/2"D x 3-1/8"H
- (1) 11-3/4"W x 16-1/2"D x 4-1/8"H
- (1) 11-3/4"W x 16-1/2"D x 12-3/4"H



6" x 2" casters support 1,500 lbs. Overall size 41"W x 18"D x 42-1/4"H.

Stk.	Mfr.	Weight	Capacity	Price
305619	18463	296 lbs.	15,500 cu. in.	\$1,609.00

Craftsman Industrial 7000 Series Tool Chests

Constructed specifically for professional work environments.

- All steel roll cage construction prevents racking & supports weight
- Industrial-grade full-extension ball-bearing drawer slides support up to 200 lbs. per drawer
- Select drawers with double slides support 300 lbs.
- GRIPLATCH® drawer latching system secures each drawer
- Cable-activated tubular locks provide the highest level of security
- Top opening chests feature gas struts that safely lift, lower & support the lid
- Large anodized aluminum drawer trim provides extra finger clearance
- Red finish • Mfr.'s limited lifetime warranty

**5-Drawer 7000 Series**

- (2) 31-7/8"W x 18-1/2"D x 2"H
- (2) 31-7/8"W x 18-1/2"D x 3-1/8"H
- (1) 31-7/8"W x 18-1/2"D x 4-1/8"H

Stk.	Mfr.	Size	Weight	Price
305610	18250	36"W x 21"D x 24-1/2"H	210 lbs.	\$1,554.00

**7-Drawer 7000 Series**

- (1) 31-7/8"W x 18-1/2"D x 2"H
- (2) 31-7/8"W x 18-1/2"D x 3-1/8"H
- (3) 31-7/8"W x 18-1/2"D x 4-1/8"H
- (1) 31-7/8"W x 18-1/2"D x 8-1/2"H

Stk.	Mfr.	Size	Weight	Price
305611	18251	36"W x 21"D x 41-1/4"H	308 lbs.	\$2,239.00

7-Drawer Side Cabinet 7000 Series



- (1) 14-3/8"W x 18-1/2"D x 2"H
- (2) 14-3/8"W x 18-1/2"D x 3-1/8"H
- (3) 14-3/8"W x 18-1/2"D x 4-1/8"H
- (1) 14-3/8"W x 18-1/2"D x 8-1/2"H

Stk.	Mfr.	Size	Weight	Price
305612	18252	18-1/2"W x 21"D x 35-1/2"H	172 lbs.	\$1,170.00

10-Drawer 7000 Series



Left

- (2) 23-3/8"W x 21-1/2"D x 2"H
- (2) 23-3/8"W x 21-1/2"D x 3-1/8"H
- (1) 23-3/8"W x 21-1/2"D x 4-1/8"H

Right

- (2) 14-3/8"W x 21-1/2"D x 2"H
- (2) 14-3/8"W x 21-1/2"D x 3-1/8"H
- (1) 14-3/8"W x 21-1/2"D x 4-1/8"H

Stk.	Mfr.	Size	Weight	Price
305614	18272	46"W x 24"D x 24-1/2"H	347 lbs.	\$2,093.00

13-Drawer 7000 Series

Full Width

- (1) 41-7/8"W x 21-1/2"D x 4-1/8"H

Left

- (1) 23-3/8"W x 21-1/2"D x 2"H
- (2) 23-3/8"W x 21-1/2"D x 3-1/8"H
- (2) 23-3/8"W x 21-1/2"D x 4-1/8"H
- (1) 23-3/8"W x 21-1/2"D x 8-1/2"H

Right

- (1) 14-3/8"W x 21-1/2"D x 2"H
- (2) 14-3/8"W x 21-1/2"D x 3-1/8"H
- (2) 14-3/8"W x 21-1/2"D x 4-1/8"H
- (1) 14-3/8"W x 21-1/2"D x 8-1/2"H

6" x 2" super-duty casters support up to 3,600 lbs.



Stk.	Mfr.	Size	Weight	Price
305615	18289	46"W x 24"D x 42-1/4"H	463 lbs.	\$3,175.00

4-Drawer Side Locker 7000 Series

Craftsman Industrial

Drawers

- (4) 14-3/8"W x 18-1/2"D x 3"H



Stk.	Mfr.	Size	Weight	Price
305613	18253	18-1/2"W x 21"D x 59-1/4"H	164 lbs.	\$1,372.00

Craftsman Industrial 9000 Series Tool Chest

Constructed specifically for professional work environments, with features like larger casters, thicker drawers and upgraded handles.

- Double roll cage construction with heavy gauge reinforcement for maximum strength & durability
- Industrial full-extension ball-bearing drawer slides support up to 200 lbs. per drawer with single set of drawer slides
- Double sets of slides on full-width drawers support 320 lbs.
- Industrial GRIPLATCH® latching system holds drawers closed
- Mobile unit features 6" x 2" casters support 3,600 lbs.
- Tubular locking system protects property
- Vinyl-coated work surface on cart make an ideal project work area
- Chrome-plated handles clean easily & aluminum trim protects all four corners
- Includes embossed drawer liners to protect drawer surfaces & tools
- Red finish
 - Mfr.'s Limited lifetime warranty



13-Drawer 9000 Series

Full Width

- (1) 51-1/4"W x 21-1/2"D x 3-1/2"H

Left

- (1) 14-3/8"W x 21-1/2"D x 1-5/8"H
- (3) 14-3/8"W x 21-1/2"D x 2-3/8"H
- (1) 14-3/8"W x 21-1/2"D x 12-1/8"H

Right

- (1) 32-1/2"W x 21-1/2"D x 1-5/8"H
- (5) 32-1/2"W x 21-1/2"D x 2-3/8"H
- (1) 32-1/2"W x 21-1/2"D x 5-5/8"H

Stk.	Mfr.	Size	Weight	Price
305761	38557	56"W x 24"D x 42-3/4"H	591 lbs.	\$6,011.00

Canopy 9000 Series



- Gas struts safely support canopy lid
- Worklight & power strip

Stk.	Mfr.	Size	Weight	Price
305760	38555	56"W x 24"D x 24-1/2"H	150 lbs.	\$2,188.00

GLOVES

Cotton Jersey Work Gloves

Ammex Soft brown cotton gloves with knit wrist to fit small or large sizes.



Stk.	Mfr.	Size	Price
942902	BJ-S	Small	\$1.91
942904	BJ-L	Large	\$1.91

Hi-Viz Knit Dip Gloves

Radians 15-ga. high visibility nylon shell. Elastic cuff for comfortable, slip-on fit. Micro-foam dipped latex palm provides durability and slip-free grip.



Stk.	Mfr.	Size	Price
687841	RWG10M	Medium	\$4.87
687842	RWG10L	Large	\$4.87

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Synthetic Leather Work Gloves

DEWALT Terry cloth with breathable spandex backhand. Reinforced padded palm. Breathable, flexible neoprene between fingers, and in knuckle strap and wrist system. ToughGrip™ reinforced fingertips and thumb saddle. Elastic cuff with hook and loop closure. ToughThread™ double stitching. Concealed inner seams. Machine washable.

Stk.	Mfr.	Size	Price
687830	DPG20M	Medium	\$15.60
687831	DPG20L	Large	\$15.60
687832	DPG20XL	X-Large	\$15.60



Leather Palm Work Gloves

Steiner Shoulder-split leather on palm, thumb, index finger, fingertips and knuckle strap with soft palm lining. Safety cuff style features gunn cut pattern with wing thumb, pull tab and rubberized cuffs.

Stk.	Mfr.	Size	Price
885000	SPC02	Large	\$5.23



Premium Leather Work Gloves

Steiner Premium heavyweight side split cowhide palm gloves. Soft lined palm, rubberized 2" safety cuff.

Stk.	Mfr.	Size	Price
885005	SPC22	Large	\$6.67



Premium Cowhide Gloves

Anchor Quality premium grain cowhide leather for comfortable and reliable protection. Unlined with hemmed cuff. Keystone thumb with shirred elastic back.

Stk.	Mfr.	Size	Price
618726	4010L	Large	\$14.40



Vinyl Gloves

Ammex Highly sensitive touch for painting, staining, electronics work, assembly and food handling. Ambidextrous design. 5 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198000	IV42100-S	Small	100	\$5.88
198001	IV44100-M	Medium	100	\$5.88
198002	IV46100-L	Large	100	\$5.88
198003	IV48100-XL	X-Large	100	\$5.88



Latex Gloves

Ammex Seamless construction, rolled cuff, fits either hand. Extra stretch for best fit, highly sensitive touch. 10"L, 5 mil thick.

Caution: natural latex may cause allergic reactions in some individuals.

Powdered

Stk.	Mfr.	Size	Qty.	Price
198004	TL42100-S	Small	100	\$8.91
198005	TL44100-M	Medium	100	\$8.91
198006	TL46100-L	Large	100	\$8.91
198007	TL48100-XL	X-Large	100	\$8.91

Powder-Free

Stk.	Mfr.	Size	Qty.	Price
198008	TLF42100-S	Small	100	\$10.10
198009	TLF44100-M	Medium	100	\$10.10
198010	TLF46100-L	Large	100	\$10.10
198011	TLF48100-XL	X-Large	100	\$10.10



Latex-free Nitrile Gloves

Ammex Low-powder, blue synthetic rubber gloves protect from most solvents and oils, plus offer abrasion, cut and puncture protection. Ambidextrous, single use glove with beaded cuff and micro-texture finish. 5 mil thick, 9.5"L.

Not for use w/ ketones & some organic solvents.

Stk.	Mfr.	Size	Qty.	Price
198012	XN44100-M	Medium	100	\$11.40
198013	XN46100-L	Large	100	\$11.40
198014	XN48100-XL	X-Large	100	\$11.40



Polyethylene Gloves

Ammex Gloves have heat-sealed seams and fit either hand. USDA accepted. 1.25 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198015	PGLOVE-S	Small	100	\$1.94
198016	PGLOVE-M	Medium	100	\$1.94
198017	PGLOVE-L	Large	100	\$1.94



Magnetic Glove Dispenser

Lisle Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 & 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
503830	20130	\$27.10

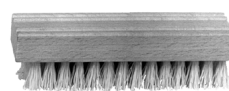
BROOMS & BRUSHES



Utility Scrub Brush

Weiler White synthetic fill. Plastic block. 5" x 5-1/2" brush face size with 2" trim. 20" overall length.

Stk.	Mfr.	Price
969303	44663	\$8.45



Hand & Nail Brush

Weiler Plastic fill. Use brush to clean hands and fingernails. 4-3/4" x 1-1/2" wood block. 5/8" trim length.

Stk.	Mfr.	Price
969300	44314	\$3.38



Spike Brush

Weiler White tampico fill. 10"L brush with a tapered dia. from 2-3/4" to 1-1/2". 15" overall length.

Stk.	Mfr.	Price
969301	44315	\$9.63



Wire Brushes

Weiler For removing rust, scale, paint, solder, cleaning threads, files, metal parts and castings.

Curved Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
969292	44053	5-1/2"	3 x 19	1-3/16"	14" x 7/8"	\$5.34

Shoe Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
969293	44063	5"	4 x 16	1-3/16"	10" x 1-1/8"	\$5.73



Bench Brushes

Weiler Great for quick cleanup on bench tops, counters, machine tops and hard-to-reach places. Lacquered hardwood handles.

Fine

Stk.	Mfr.	Fill	Brush	Trim	Price
969285	44003	Horsehair	8"L	2-1/8"	\$12.20

Medium

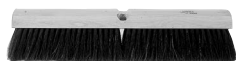
969286	44004	Gray Tampico	8"L	2-1/2"	\$7.63
969336	25252	Synthetic	8"L	2-1/2"	\$6.64



Floor Broom

Weiler Corn fill, secured by 5 sewings. For industrial sweeping, wet or dry. 15"L trim, 54-1/2"L overall.

Stk.	Mfr.	Price
969288	44009	\$22.50



Fine Sweeps

Weiler For dust and fine dirt on smooth surfaces. Lacquered hardwood block.

Palmyra Fill Requires 1-1/8" handle, sold separately.

Stk.	Mfr.	Block Size	Trim Length	Price
969278	42022	18"	4"	\$13.00
969279	42023	24"	4"	\$16.60

Black Horsehair & Poly Blend Requires 15/16" handle, sold separately.

969275	42013	18"	3"	\$20.20
969276	42014	24"	3"	\$25.10

Flagged Silver Polystyrene Requires 15/16" handle, sold separately.

969282	42041	18"	3"	\$16.90
969283	42042	24"	3"	\$21.20



Medium Sweeps

Weiler For general purpose medium sweeping. Black tampico fill. Lacquered hardwood block.

Requires 15/16" handle, sold separately.

Stk.	Mfr.	Block Size	Trim Length	Price
969273	42007	18"	3"	\$15.60
969274	42008	24"	3"	\$22.00



Coarse Sweeps

Weiler Coarse brush for sweeping heavy dirt and debris on rough surfaces. Black tampico fill with 1 row tempered steel wire in center. Lacquered hardwood block.

Requires 1-1/8" handle, sold separately.

Stk.	Mfr.	Block Size	Trim Length	Price
969277	42134	18"	3"	\$22.50
969284	42135	24"	3"	\$30.20



Garage Brushes

Weiler Maroon synthetic fill (Polypropylene). Lacquered hardwood block. Moves heavy, caked dirt and debris over concrete and other rough surfaces. Use inside or outside for wet or dry sweeping. Solvent, oil, chemical and liquid resistant.

Requires 1-1/8" handle, sold separately.

Stk.	Mfr.	Block Size	Trim Length	Price
969280	42025	18"	3-1/8"	\$16.10
969281	42026	24"	3-1/8"	\$19.90



Floor Squeegee

Ettore Curved end, heavy-duty squeegee has a rustproof steel handle socket and frame. Oil resistant, 24" black neoprene rubber blade for rough, heavy use.

Requires 1-1/8" handle, sold separately.

Stk.	Mfr.	Item	Price
943113	54524	24" Squeegee	\$26.20
969326	44573	54"L, 1-1/8" Tapered Handle	\$8.83
969290	44020	60"L, 1-1/8" Tapered Handle	\$20.10

Brush Handles

Weiler

Wooden

Stk.	Mfr.	Item	Dia.	Length	Price
969299	44301	Plastic Thread	15/16"	60"	\$19.80
969325	44572	Wood Thread	15/16"	54"	\$6.89
969289	44018	Wood Thread	15/16"	60"	\$16.30
969316	44019	Wood Thread	1-1/8"	60"	\$16.40
969327	M-48	Metal Thread	15/16"	48"	\$7.95
969298	44300	Metal Thread	15/16"	60"	\$18.50

Metal With swivel hang cap.

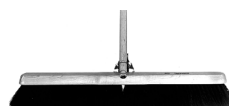
Stk.	Mfr.	Item	Dia.	Length	Price
969321	44577	Metal Thread	15/16"	60"	\$14.00



Threaded Replacement Tip

Weiler Made of heavy duty fiberglass. Use with any 15/16" dia. handle.

Stk.	Mfr.	Price
969302	44317	\$1.53



Steel Brace

Weiler Reinforces & locks to block. Fits all handle sizes.

Shown w/brush, sold separately.

Stk.	Mfr.	Price
969291	44021	\$1.58



Heavy-duty Steel Brace

Weiler Attaches to block w/wood screws & wraps around handle. Increases the life of the brush by providing extra support for handle & block. Fits all handle sizes.

Shown w/brush, sold separately.

Stk.	Mfr.	Price
969297	44290	\$8.08



Dust Pan

Weiler Heavy-duty 20 ga. steel with black enamel finish.

Stk.	Mfr.	Item	Size	Price
969317	71078	Ribbed	2-3/4"H x 12"W x 13-1/2"D	\$10.60
969318	71079	Smooth	4-1/4"H x 16"W x 15"D	\$22.70

Quickie Rust and crack-free plastic pan snaps to broom handle.

942958	409	Snap-on	2-3/4"H x 10"W x 12"D	\$3.90
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Grip Clip Organizers

Lehigh For hanging lawn and garden tools, brooms and mops. Spring steel clips keep original shape.

Includes wood screws.

Stk.	Mfr.	Holds	Capacity	Qty.	Price
943185	13200	3/8" to 5/8" dia.	10 lbs.	5	\$3.72
943184	13201	3/4" to 1-1/8" dia.	25 lbs.	4	\$3.96

FASTENERS



Nylon Cable Ties

Gardner Bender Self-locking nylon ties for bundling wire, cables, harnesses and more.

White

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
942906	46-308	8"	75 lbs.	2"	100	\$4.05
942910	46-308MN	8"	75 lbs.	2"	1,000	\$46.00

Black UV resistant.

942908	46-310UVB	11"	75 lbs.	3"	100	\$14.80
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8" Nylon Cable Ties

Gardner Bender Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent.

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
416575	46-308FST	8"	75 lbs.	2"	100	\$6.63

Cable Tie Assortment

Fastener Barn Includes 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
485509	CT99	155	\$42.30



Cable Tie Tensioning Tool

Gardner Bender Tightens & cuts cable ties w/a quick twist. For ties up to 75 lb. tensile strength.

Stk.	Mfr.	Price
416716	CTT-45	\$11.70



Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
942810	90199	2"W x 4"L	2 strips	\$3.70
942812	90197	2"W x 15'L	1 roll	\$35.20

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
942825	90072	7/8"W x 7/8"L	12 squares	\$2.99



Bungee Cords

Master Mechanic Premium grade cord of first quality, long lasting rubber with durable UV resistant outer jacket. Bungee balls are cords with connector balls rather than hooks. Assorted sizes and colors.

Includes 12 cords (1 ea. 32", 2 ea. 24" & 18"; 5 ea. 10" mini cords) & 6 bungee balls.

Stk.	Mfr.	Qty.	Price
942869	MM42	20/pkg.	\$13.40

TAPE



Contractor-grade Nonskid Tape

Incom High-traction tape with durable 46-grit aluminum oxide compound provides longevity for general purpose indoors/outdoors. Good water and chemical resistance.

Black

Stk.	Mfr.	Width	Length	Price
478700	SG7002CB	2"	60'	\$23.50
478701	SG7004CB	4"	60'	\$46.80
478702	SG7006CB	6"	60'	\$70.30

Yellow/Black Striped

478698	SG3902YB	2"	60'	\$34.60
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Yellow/Black "Caution Watch Your Step"

478710	SG8903PT	3"	60'	\$65.00
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Safety Stripe Warning Tape

Incom Tape has bright, durable warning stripes protected by clear laminated film to provide a bold, long lasting warning tape. Self-sticking tape adheres easier, faster and outlasts painted stripes.

Stk.	Mfr.	Width	Length	Color	Price
590346	VHT210	2"	18 yd.	black/yellow	\$4.68
590364	VHT211	2"	18 yd.	red/white	\$4.68
590347	WT2110	2"	36 yd.	black/yellow	\$7.73
590365	WT2200	2"	36 yd.	red/white	\$7.73



Opaque Drafting Tape

Alvin Smooth "low tack" surface. Leaves no stain, sticky particles or abraded surface.

Stk.	Mfr.	Width	Length	Core	Price
196276	2300-A	1/2"	60 yd.	3"	\$6.17
196275	2300	3/4"	10 yd.	1-1/2"	\$4.66
196277	2300-B	3/4"	60 yd.	3"	\$8.06



Masking Tape

3M Tartan Economy grade for various uses.

Stk.	Mfr.	Width	Length	Price
590224	200	1/2"	60 yd.	\$2.48
590226	5142-18E	3/4"	60 yd.	\$1.91
590228	5142-24A	1"	60 yd.	\$2.52
590230	5142-36A	1-1/2"	60 yd.	\$3.78
590232	5142-48A	2"	60 yd.	\$5.06



Scotch-Blue™ Painter's Tape

3M Scotch Leaves no adhesive transfer or surface damage for up to 14 days, even in direct sunlight. Medium adhesion tape is ideal for painted walls, trim, woodwork, glass and metal.

Stk.	Mfr.	Width	Length	Price
590250	2090-18E	3/4"	60 yd.	\$5.18
590251	2090-24A	1"	60 yd.	\$6.90
590252	2090-48A	2"	60 yd.	\$12.70
590256	2090-72A	3"	60 yd.	\$16.90



Clear Packaging Tape

3M Clear general purpose tape for box sealing, splicing and more. Adheres instantly in a range of environments and applications to a variety of surfaces. Edge tear and split resistance. Good adhesion to fiberboard. Complies w/ASTM D 1974-92.

Stk.	Mfr.	Width	Length	Price
943019	305	1.89"	54 yd.	\$3.59



Gorilla Duct Tape

Gorilla Glue Tough all-weather shell stands up to the elements with tough abrasion resistance and a tight moisture/UV barrier. Reinforced tight-weave backing conforms easily to surfaces. Incredibly strong, yet can be ripped by hand. Aggressive double-thick adhesive fills in gaps on rough, porous or imperfect surfaces.

Stk.	Mfr.	Width	Length	Color	Price
511339	6100102	1"	10 yd.	Black	\$4.42
511335	6035180	2"	35 yd.	Black	\$14.80
511341	6074003	2"	35 yd.	Silver	\$14.80



Gorilla Clear Tape

Gorilla Glue Fix, patch, seal, hold and protect almost any surface. Water, UV and temperature resistant clear tape. Will not yellow outdoors. Airtight for patching smooth surfaces, plus sticks to smooth, rough and uneven surfaces.

Stk.	Mfr.	Width	Length	Price
511340	6027003	1.88"	27'	\$7.98



Duct Tape

Nashua Versatile, polyethylene-coated cloth tape conforms and adheres to irregular surfaces. Tears off easily.

Stk.	Mfr.	Width	Length	Color	Price
943222	394	2"	60 yd.	Silver	\$6.77

CAN'T FIND IT?
 We have access to 1,000's of Products not listed here.
 Call us for assistance. 800-831-5904



Scotch Duct Tape

3M Perfect for repairs, box sealing and bundling, plus hanging lightweight polyethylene sheeting. Durable duct tape tears easily, applies smoothly and holds well even on curved surfaces.

Stk.	Mfr.	Width	Length	Color	Price
942930	1130-A	2"	30 yd.	Silver	\$6.35
942692	1020-YLW-A	2"	20 yd.	Yellow	\$6.75
942693	1020-RED-A	2"	20 yd.	Red	\$6.75
942694	1020-BLU-A	2"	20 yd.	Blue	\$6.75
942689	1020-BLK-A	2"	20 yd.	Black	\$6.75
942699	1020-GRN-A	2"	20 yd.	Green	\$6.75



Double-sided Tape

Alvin Special, thin, double-coated tissue paper tape has adhesive on both sides, protected by silicone paper. Interlined for quick, easy application.

Stk.	Mfr.	Width	Length	Core	Price
196260	2400-A	3/4"	36 yd.	3"	\$11.50
196279	2400-B	1"	36 yd.	3"	\$15.00
196287	2400-C	1"	25'	1/1/2"	\$7.04



Magic Scotch Tape

3M Scotch Magic transparent tape with plastic dispenser. The original matte finish invisible tape. Write on it with pen, pencil or marker.

Stk.	Mfr.	Width	Length	Price
943163	119	1/2"	800"	\$3.38
943164	104	1/2"	450"	\$2.32



Invisible Tape

Alvin Disappears completely on all papers, and won't create shadowy ghosts on photocopies or diazo copies. Long-lasting, moisture-resistant tape won't curl, crack or yellow and has strong holding power. For blueprinters, architects and engineers. Will also mend tom vellum sheets.

Stk.	Mfr.	Item	Width	Length	Core	Price
196255	CC134	Tape w/Dispenser	3/4"	36 yd.	1"	\$13.70
196256	CC340	Tape Refill	3/4"	36 yd.	1"	\$11.20



Electrician's Plastic Tape

Gardner Bender Top grade flame retardant 7 mil. electrical tape. Resistant to cold weather, abrasion, moisture, alkalis and acids.

Stk.	Mfr.	Width	Length	Price
590380	GTP-607	3/4"	60'	\$1.43



Vinyl Electrical Tape

Gardner Bender Assorted 7 mil. vinyl tape for marking wires and circuits. 5 pack includes red, orange, blue, green and white.

Stk.	Mfr.	Width	Length	Price
942937	GTPC-550	1/2"	20'	\$3.53



Liquid Electrical Tape

Gardner Bender Liquid coating for insulating and protecting electrical splices and connections. Waterproof tape won't unravel or deteriorate. For indoor/outdoor use. Brush-on applicator.

Stk.	Mfr.	Size	Color	Price
416650	LTB-400	4 oz. bottle	Black	\$10.20
416651	LTR-400	4 oz. bottle	Red	\$10.20



Friction Tape

Gardner Bender Black friction tape with matted finish provides gripping surface. Use for electrical splices, wrapping grips and other uses.

Stk.	Mfr.	Width	Length	Price
416611	GTF-600	3/4"	60'	\$4.86



Teflon Tape

Harvey's PTFE thread seal tape made of virgin white Teflon. Provides a strong, tight seal for any threaded joint. Temperature range -400°F to 500°F.

Meets Mil Specification T-27730a.

Stk.	Mfr.	Length	Width	Thickness	Price
943201	017117B	1/2"	14-1/3 yd.	.003"	\$1.52

SAFETY



Caution Wet Floor

Rubbermaid Alert students to slippery floor conditions. Yellow 2-sided sign is printed in 4 languages (English, French, German & Spanish). Plastic sign folds flat.

Stk.	Mfr.	Overall Size	Price
942744	6112-YEL	26-1/2"H x 11"W x 1-1/2"T	\$26.90



Orange Traffic & Safety Cone

MSA Durable 1-piece, PVC cone stays flexible in all weather conditions. High-visibility fluorescent orange is ultraviolet stabilized for fade resistance. Stable high-density base.

Meets MUTCD specifications.

Stk.	Mfr.	Size	Price
943029	10073409	11"L x 11"W x 18"H	\$15.20

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



Messaging Board

Velleman A ready-to-run moving message medium. Easy to use and features 1 color (red). Memory for up to 26 page text or 16 page graphic plus 10 page text messages. Each page max. 210 characters (or 6,500 characters in total).

- 3 fonts
 - Display effect: normal or blinking
 - 4 scrolling speeds
 - 4 pre-programmed graphic symbols (motor, arrow, down & left)
 - Display information: text, symbols & graphics
 - 3 different songs can be added randomly in a message
 - Both the current date & time can be displayed in the message
 - Device can be wall-mounted, hung from the ceiling or free standing
 - Easy programming via remote control (included) or via PC w/RS-232/USB connection (software included)
 - System requirements: Windows® 98 or higher
- Viewable area: 2' x 2-11/64". Weight: 3.5 lbs.

For complete specifications view this product on our website.

Stk.	Mfr.	Price
949140	MML16RU	\$176.00



Shop Safety Rules

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Stk.	Mfr.	Item	Size	Price
770380	AS-22	Auto Shop	17-1/2" x 22"	\$14.20
770381	ES-22	Electronics Shop	17-1/2" x 22"	\$14.20
770382	GS-22	General Shop	17-1/2" x 22"	\$14.20
770383	MS-22	Metal Shop	17-1/2" x 22"	\$14.20
770384	WS-22	Wood Shop	17-1/2" x 22"	\$14.20
560200	MW-SRSS	5-Piece Set	17-1/2" x 22"	\$59.00



Mirror Brite Safety Signs

Safety Rules Heavy-duty, high-impact, 1/16" plastic signs are very resistant to breaking, chemicals, weathering, etc., OSHA compliant. Hole in each of the rounded corners.

Black/Yellow

Stk.	Mfr.	Item	Size	Price
770402	313	Caution Do Not Talk To Operator	10" x 14"	\$15.00
770403	361	Caution Do Not Operate Without Safety Glasses	10" x 14"	\$15.00
770404	363	Caution Do Not Watch Arc	10" x 14"	\$15.00
770405	366	Caution Wear Eye Protection	10" x 14"	\$15.00

Red/White

770406	101	Fire Extinguisher	10" x 14"	\$15.00
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Green/Black

770407	627	Think The Safe Way Is The Best Way	10" x 14"	\$15.00
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Red/Black/White

770408	403	Danger Flammable Materials	10" x 14"	\$15.00
770409	481	Danger Acetylene	10" x 14"	\$15.00
770410	483	Danger Hazardous Chemicals	10" x 14"	\$15.00



General Shop Safety Signs

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Eye Protection Required

Stk.	Mfr.	Size	Price
770411	A	6" x 8"	\$3.96
770370	A	8" x 11"	\$6.34

Keep Guard in Place

770412	B	6" x 8"	\$3.96
770371	B	8" x 11"	\$6.34

Think! Accidents are Avoidable!

770413	C	6" x 8"	\$3.96
770372	C	8" x 11"	\$6.34

Keep Fingers Away From Moving Parts

770414	F	6" x 8"	\$3.96
770373	F	8" x 11"	\$6.34

Keep the Shop Clean and Orderly

770415	G	6" x 8"	\$3.96
770374	G	8" x 11"	\$6.34

No Running or "Horseplay" in the Shop

770416	H	6" x 8"	\$3.96
770375	H	8" x 11"	\$6.34

Do Not Bother Machine Operators

770417	J	6" x 8"	\$3.96
770376	J	8" x 11"	\$6.34

Put Tools Back in Their Proper Place

770418	K	6" x 8"	\$3.96
770377	K	8" x 11"	\$6.34

Machines Have No Brains. Use Yours!

770419	L	6" x 8"	\$3.96
770378	L	8" x 11"	\$6.34

Safety Instruction Required Before You Operate Machines

770420	M	6" x 8"	\$3.96
770379	M	8" x 11"	\$6.34

10-Piece Set

560203	MW-GSSP2	6" x 8"	\$39.60
560202	MW-GSSP	8" x 11"	\$55.00

Machine Safety Rules

Safety Rules Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Circular Saw

Stk.	Mfr.	Size	Price
770421	1	6" x 8"	\$3.96
770385	1	8" x 11"	\$6.34

Jointer

770422	2	6" x 8"	\$3.96
770386	2	8" x 11"	\$6.34

Jig Saw

770423	3	6" x 8"	\$3.96
770387	3	8" x 11"	\$6.34

Band Saw

770424	4	6" x 8"	\$3.96
770388	4	8" x 11"	\$6.34

Wood Lathe

770426	5	6" x 8"	\$3.96
770389	5	8" x 11"	\$6.34

Radial Arm Saw

770427	6	6" x 8"	\$3.96
770390	6	8" x 11"	\$6.34

Disc/Belt Sander

770428	7	6" x 8"	\$3.96
770391	7	8" x 11"	\$6.34

Surfacer

770429	8	6" x 8"	\$3.96
770392	8	8" x 11"	\$6.34

Wood Shaper

770430	10	6" x 8"	\$3.96
770393	10	8" x 11"	\$6.34

Drill Press

770431	11	6" x 8"	\$3.96
770394	11	8" x 11"	\$6.34

Grinder

770432	12	6" x 8"	\$3.96
770395	12	8" x 11"	\$6.34

Gas Welding

770433	13	6" x 8"	\$3.96
770396	13	8" x 11"	\$6.34

Electric Welding

770434	14	6" x 8"	\$3.96
770397	14	8" x 11"	\$6.34

Metal Lathe

770435	15	6" x 8"	\$3.96
770398	15	8" x 11"	\$6.34

Milling Machine

770436	16	6" x 8"	\$3.96
770399	16	8" x 11"	\$6.34

Vertical Band Saw

770437	17	6" x 8"	\$3.96
770400	17	8" x 11"	\$6.34

Horizontal Band Saw

770438	20	6" x 8"	\$3.96
770401	20	8" x 11"	\$6.34

17-Piece Set

560204	MW-BSSP2	6" x 8"	\$59.00
560201	MW-BSSP	8" x 11"	\$89.00

“ Not sure what tool is right for your project or program? ”



Dan Goodwin ext. 3104
dgoodwin@midwesttechnology.com

CLEANING PRODUCTS



Concentrated Liquid Oil Soap

Murphy Pure vegetable base, clean scent, nontoxic soap. Natural cleaner for wood floors, paneling and other wood surfaces. 32 oz. makes 16 gal., 1 gal. makes 64 gal.

Stk.	Mfr.	Size	Price
943146	01163	32 oz.	\$7.48
943147	01103	1 Gal.	\$23.80



Metal Polish

Noxon Use to clean and shine brass, bronze, copper, chromium, stainless steel, aluminum and pewter.

Stk.	Mfr.	Size	Price
942803	00117	12 oz.	\$6.26



Absorbent

Oil-Dri Heavy-duty industrial oil absorbent, soaks up liquid spills from floors, provides traction on snow and ice.

Stk.	Mfr.	Size	Price
943283	101008	8 lbs.	\$13.20
942802	05080	50 lbs.	\$40.20



Kleen Sweep™

Akona Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
942859	1815	50 lbs.	\$42.10



Wiping Cloths

Kimberly-Clark Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
482779	05701	18 pkg./case	\$110.00



Shop Towel Roll

Scott Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
943312	32992	60 ct. roll	\$5.29



Mechanic's Shop Towels

Clean Rite 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
943303	3-542	25/pkg.	\$9.35



White Rags in a Box

Scott The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
942724	75240	85	\$8.43
942725	75260	200	\$19.00



Exact Cuts Shop Towels

Intex Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
942903	W-30005	30	\$18.70



Contractor's Choice Shop Towels

Intex Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

Stk.	Mfr.	Size	Price
942901	6414-10	8 lb.	\$29.80



Micro-Fiber Dry Tack Cloth

NORTON For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

Stk.	Mfr.	Size	Price
600509	06038	16" x 16"	\$5.70

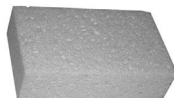


Tan Tack Cloth

TufPro Premium quality pre-finish duster cloth made of 100% cotton surgical cheesecloth. The medium-heavy tan tack is safe for all finishes. Use between coats when refinishing wood or metalworking projects.

Stk.	Mfr.	Size	Price
942868	10501	18" x 36"	\$1.82

Commercial Sponge



3M Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
943246	7456-T	7.5"L x 4.4"W x 2"H	\$4.68

C-Fold Towels & Dispenser

Kimberly-Clark



482783



482782

C-Fold Hand Towels White 1-ply, 175 sheets/pkg. 25 pkg./case

Stk.	Mfr.	Price
482783	01980	\$78.60

Dispenser Gray.

Stk.	Mfr.	Price
482782	09905	\$64.50

HAND CLEANERS

Instant Hand Sanitizer



Dial For fewer student sick days, use hand sanitizer to kill harmful germs. No soap, water or towels needed. Contains moisturizers and leaves no harmful residue. Dermatologist tested and hypoallergenic.

Stk.	Mfr.	Size	Price
943157	01219	7.5 oz.	\$4.37

Lava Bar Soap



Lava The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
618719	10085	5.75 oz.	1	\$2.98

Klein Cleaners Hand Cleaning Towels



Klein Pre-moistened hand towels clean like a pumice-based lotion, but without the messy, gritty residue. No rinsing or drying, just sink-free cleaning. Works on oils, tar, adhesives, asphalt, wax, graphite, grease, and more. Polyethylene bucket with a resealable dispenser prevents the towels from drying out if the closure is left open.

Includes 72 towels (9" x 12" each).

Stk.	Mfr.	Price
945317	51425	\$21.50

Powdered Hand Soap



Boraxo A mild abrasive that gets the dirt and grime out of hands. Box with pour spout.

Stk.	Mfr.	Size	Price
942816	02203	5 lb.	\$13.90



968040



968050



968015



968017

Go-Jo® Hand Cleaners

Go-Jo A complete line of heavy to medium-duty hand cleaners. Effective on a wide range of soils. Specialized hand cleaners are formulated for specific soil types.

Fine Italian Pumice Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar & oil.

Stk.	Mfr.	Size	Type	Price
968045	1135-06	4 lb.	Plastic Cartridge	\$18.80

Original Formula™ Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

Stk.	Mfr.	Size	Type	Price
968040	1115-06	4.5 lb.	Plastic Cartridge	\$17.20

Original Formula™ Hand Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

Stk.	Mfr.	Size	Type	Price
968050	1141-12	14 oz.	Plastic Cartridge	\$3.03

Creme-Style Dispenser For Fine Italian Pumice, Original Formula & Orange Smooth (also for 0905-06, 0915-06, 1075-06, 1095-06, 1144-06 & 1145-06).

Stk.	Mfr.	Size	Type	Price
968070	1204-01		Creme-style dispenser	\$24.00

Natural Orange™ Smooth Quick-acting lotion formula for cleaning industrial soils, medium dirt & grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
968015	0947-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968014	0945-04	1 gal.	Bottle w/Pump	\$15.50

Natural Orange™ Pumice Quick-acting lotion w/pumice scrubbing particles clean industrial soils, medium dirt & grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
968018	0957-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968017	0955-02	1 gal.	Bottle w/Pump	\$15.50



Hand & Foot Cream

O'Keefe's A unique formulation of moisturizing ingredients guaranteed to improve dry skin. Made with glycerin, that draws in and retains moisture, necessary for healthy skin.

Stk.	Mfr.	Item	Size	Price
511100	K0350007	Working Hands	3.4 oz.	\$7.90
511101	K0320005	Healthy Feet	3.4 oz.	\$7.90

DEGREASERS & STAIN REMOVERS

Original Krud Kutter



Krud Kutter Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure washers and carpet cleaning machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889350	KK32	32 oz.	\$11.40
889345	KK01	1 Gal.	\$21.10



Biodegradable Degreaser

LiquiFix Non-staining, industrial-strength formula removes oil, grease and grime from multiple surfaces and machinery. Dissolves fats, tar, adhesives and stains. Safe for automotive finishes and leaves no residue. Made from renewable base oils. Miscible formula for easy water rinsing. Non-hazardous, contains no chlorinated solvents.

Stk.	Mfr.	Size	Price
502600	200116	16 oz.	\$11.70



Tough Task Remover

Krud Kutter Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, non-toxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889348	KR01	1 Gal.	\$21.90



Purple Cleaner Degreaser

Gunk Concentrated degreaser is powerful and fast-acting. Removes grease, oil, wax, tar & dirt. Use on cold engines, tires, concrete floors, vinyl siding, ovens, appliances and more.

Stk.	Mfr.	Size	Price
688109	CL32	32 oz.	\$6.51



Tough Task Citrus Remover

Krud Kutter Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
889343	KC32	32 oz.	\$11.60



Goo Gone Spray Gel

Homax Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
943266	GGHS12	12 oz.	\$9.00



Graffiti Remover

Krud Kutter Ultimate spray paint graffiti remover works on most hard, soft and porous surfaces. Removes acrylic, acrylic enamel, aerosol paint, enamel, high gloss, oil lacquers, primers, sealers, semi-gloss, Speed-E-Namels, stain killers, super enamels, urethane and water-based enamels, plus permanent markers, ink, lipstick, crayon and shoe dye. Environmentally-friendly water-based, nontoxic, non-flammable, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889335	GR01	1 Gal.	\$34.00

LUBRICANTS



WD-40 Spray Lubricant

WD-40 Multipurpose lubricant stops squeaks, free rusted parts and sticky mechanisms, protect metals and displace moisture, lubricate and restore smooth operation to moving parts and serve as lathe center lubricant. Flip attached straw into place for direct applications (gal. requires Spray Applicator Bottle, sold separately). Silicone-free and clean to use.

Stk.	Mfr.	Item	Size	Price
966013	11005	Smart Straw Spray	8 oz.	\$6.33
966014	10032	Smart Straw Spray	12 oz.	\$8.46
966009	10124	Big Blast Aerosol	18 oz.	\$11.70
966008	10010	Gallon	1 gal.	\$27.40
966003	10000	Spray Applicator Bottle		\$5.62



Water Resistant Silicone Lubricant Spray

WD-40 Safely lubricates, waterproofs and protects metal and non-metal surfaces, including rubber, plastic and vinyl. Dries fast and leaves a clear, non-staining film. Effective temperature range from -100°F to 500°F. Ideal for cables, pulleys, guide rails, valves, linkages, hinges, locks and more.

50-state VOC compliant.

Stk.	Mfr.	Size	Price
966031	300011	11 oz.	\$10.10



Biodegradable Lubricant

LiquiFix Penetrates and lubricates all surfaces including aluminum, nylon and rubber without pitting by creating a corrosion resistant barrier and forming an ultra thin, non-drying anti-static film. Protects against rust and corrosion and does not evaporate. Non-toxic, odorless. Effective to -35°F.

Stk.	Mfr.	Size	Price
502610	401216	16 oz.	\$9.45



Slide-All Dry Spray Lubricant

Elmer's Teflon dry spray lubricant provides more slip than silicone and graphite, but without oily stains.

Stk.	Mfr.	Size	Price
257619	E450	4 oz.	\$6.08



Multi Purpose Spray Lubricant

3M Specialized aerosol formula provides the characteristics of lubricating oil, penetrating oil, demoisturizing coating and thin-bodied transparent rust preventative coating.

Stk.	Mfr.	Size	Price
590253	08898	10.5 oz.	\$7.77

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PB Blaster Penetrating Catalyst

Blaster Chemical Penetrates, lubricates, prevents rust and converts to a lubricating film after permeation. Fortified with surface oxidation and rust-proof chemistry. Starts wet ignitions and penetrates wet or icy frost. Intense wetting agent. Displaces moisture in electric relays.

Stk.	Mfr.	Size	Price
943154	16-PB	11 oz.	\$7.34



Tool & Instrument Oil

Starrett Provides a lasting oil film over all areas requiring protection against rust. This oil has not been adulterated by additives for color or odor.

Stk.	Mfr.	Size	Price
875500	1620	4 oz.	\$11.60



Extra Fine Graphite Lubricant

AGS Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

Stk.	Mfr.	Size	Price
942897	MZ-5	32 grams	\$5.02



Liquid Wrench® Lubricant

Gunk Powerful blend of quick-acting, fast-penetrating solvent that loosens rusted nuts, bolts and parts in seconds. Protects all metal surfaces from rust and corrosion.

Stk.	Mfr.	Size	Price
942951	L2-04	4 oz. Drip	\$3.78
942950	L112	11 oz. Spray	\$6.89
942949	L116	Pt. Can	\$9.66



Liquid Wrench® Silicone Spray

Gunk Compatible with all metals, rubber, plastic and wood. High-viscosity formula eliminates squeaks and lubricates all kinds of mechanical and automotive equipment.

Stk.	Mfr.	Size	Price
688140	M914	11 oz.	\$6.45



3-in-1 Oil

WD-40 The multipurpose oil that does it all. It lubricates, cleans and prevents rust.

Stk.	Mfr.	Size	Price
966001	10038	8 oz. Drip	\$6.00
966020	100703	4 oz. Drip w/Telescoping Spout	\$4.78



BladeCote® Lubricant

Bostik BladeCote® bonds to microstructure of metal saw blades, drills and router bits, creating a clear, micro thin coating that greatly reduces friction and extends blade life. Prevents resin and pitch buildup. Contains no silicone or petroleum oil, won't stain or interfere with glues or finishes.

Stk.	Mfr.	Size	Price
532812	BC-16	10.75 oz.	\$24.30



GlideCote® Lubricant

Bostik Quick, easy application eliminates hang-ups on sliding surfaces (metal, laminate & plastic). Reduces sliding friction on table saws, receiving tables, drill presses, lathes, planers, band saws, miter saws, panel saws and hand tools. Up to 30% slicker and lasts 3x longer than paste wax. Won't stain wood or interfere with glues or finishes.

CFC- & ODC-free. Meets VOC, EPA, CARB, AQMD & OTC standards.

Stk.	Mfr.	Size	Price
532811	V207501	10.75 oz.	\$20.30

WAX



Paste Wax

SC Johnson Lustrous, oil-free, dust and water-resistant coating for floors, metal, leather, Formica, cork.

Stk.	Mfr.	Size	Price
440000	00203	1 lb.	\$11.90



Paste Finishing Wax

Minwax All-purpose finishing wax. Made for light woods.

Stk.	Mfr.	Size	Price
793255	78500	1 lb.	\$10.80



Clear Paste Wax

Trewax Restores the original satin brilliance of hardwood floors. Natural Brazilian Carnauba wax provides a hard, long wearing finish. Slip-resistant wax for all fine wood furniture and floors, plus marble surfaces.

Stk.	Mfr.	Size	Price
942738	01016	1 lb.	\$14.10

Beeswax

Dadant Use to prevent burning on lathe projects by coating the lathe cup center thoroughly. Also used for coating wood screw threads for easier driving.

Stk.	Mfr.	Item	Qty.	Price
314901	W00203	Plug	1 oz.	\$1.30
314900	W00202	Block	1 lb.	\$17.90

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GLUES & ADHESIVES



Glue Guns

- Low temperature (250°) glue guns are ideal for delicate bonding of lace, foil, ribbon, floral foam & light weight fabric
- High temperature (380°) glue guns are ideal for strong bonding of wood, plastic, metal, ceramics, magnets, leather, paper & fabric

- Dual temperature (250° & 380°) glue guns are ideal for both delicate & strong bonds

Surebonder Mini

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
410900	DT-200	Dual	10	5/16" (.27")	\$9.18
410908	LT-160	Low	10	5/16" (.27")	\$5.39

Surebonder Standard

410907	L-270	Low	40	7/16" (.43")	\$8.50
410915	H-270	High	40	7/16" (.43")	\$8.50
943203	H-280	High	60	7/16" (.43")	\$17.00
410905	DT-270	Dual	40	7/16" (.43")	\$11.50

Stanley Standard Includes on/off switch, 18 glue sticks, extender & spreader tips.

597345	GR20	High	30	.43" & .45"	\$9.73
597344	GR25	Dual	80	.43" & .45"	\$14.90
597394	GR100	Dual	80	.43" & .45"	\$47.30

Glue Gun Sticks

Surebonder 4" Standard Mini

Stk.	Mfr.	Item	Dia.	Size	Qty./Pkg.	Price
410936	DT-12	All Purpose Stik™	5/16"	4"L	12	\$2.48
410920	DT-25	All Purpose Stik™	5/16"	4"L	25	\$4.10
410930	725M54	All Purpose Stik™	5/16"	4"L	565	\$44.70

Surebonder 4" Standard

410933	DT-6	All Purpose Stik™	7/16"	4"L	6	\$2.43
410935	DT-20	All Purpose Stik™	7/16"	4"L	20	\$5.07
410925	725R54	All Purpose Stik™	7/16"	4"L	225	\$44.70
410890	BS-12	Best Stik™	7/16"	4"L	12	\$4.85
410891	WS-12	Wood Stik™	7/16"	4"L	12	\$4.85

Stanley 4" Dual Temperature

597346	GS15DT	All Purpose	.45"	4"L	6	\$1.78
597347	GS20DT	All Purpose	.45"	4"L	24	\$4.61

Stanley 4" Hot Melt

597439	GS260	Woodworking	.45"	4"L	6	\$3.46
597459	GS500	Extra Strength	.45"	4"L	6	\$3.46

Surebonder 10" Standard

410934	DT-8	All Purpose Stik™	7/16"	10"L	8	\$5.07
410932	725R510	All Purpose Stik™	7/16"	10"L	94	\$44.80



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Empty Glue Bottles



Biscuit Slot Bottle Specially-designed head allows accurate, quick and easy application of glue into biscuit slots.

Stk.	Mfr.	Size	Price
768902	825-4400	8 oz.	\$4.20

Bottle w/Brush The easy way to apply glue. Applicator brush provides complete control in applying glue to work.

Stk.	Mfr.	Size	Price
768900	825-4300	8 oz.	\$7.56

Bottle w/Cap Flexible, easy-to-squeeze plastic bottle is perfect for dispensing glue. Plastic cap keeps glue from drying out.

Stk.	Mfr.	Size	Price
944700	70147	12 oz.	\$3.29

Gorilla Glue



Gorilla Glue Use for bonding wood, stone, metal, ceramics, plastics and more. It is a polyurethane glue that is perfect for both indoor and outdoor projects. Can be used throughout the year from 40° to 130°F. 90% dry in 1 to 4 hours.

Stk.	Mfr.	Size	Price
511329	50004	4 oz.	\$10.80
511330	50008	8 oz.	\$17.80
511331	50018	18 oz.	\$27.50
511332	50036	36 oz.	\$42.50

Precision Pen



Gorilla Glue Long tip accurately reaches into tight, inaccessible spaces. Flow-control design. Fast curing formula for unrivaled strength. Pen slips into a tool belt, tool box or pocket for easy, on-the-go use. For indoor and outdoor use on foam, glass, wood, stone, metal, ceramic and more.

Stk.	Mfr.	Size	Price
511333	5201108	.75 oz.	\$5.86

Gorilla Wood Glue



Gorilla Glue A hard-working, fast-curing, long-lasting wood glue formulated for hardwoods, softwoods and wood composites. Water-resistant and mildew-resistant for indoor and outdoor projects. Dries a natural color. Nontoxic. Easy water clean-up.

FDA-approved for indirect food contact.
ANSI/HPVA Type II water-resistance listed.

Stk.	Mfr.	Size	Price
511336	6200002	8 oz.	\$5.08
511337	6205001	18 oz.	\$7.33

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Titebond Original Wood Glue

Franklin Provides strong initial tack and fast speed of set to reduce clamp time. Develops a bond stronger than the wood itself, offers excellent sandability and is unaffected by finishes. Ideal for wood, hardboard, particleboard, leather, cloth and most other porous materials. Easy to use, non-toxic and cleans up with water.

Stk.	Mfr.	Size	Price
413605	506-3	1/2 Pt.	\$4.35
413604	506-4	Pt.	\$6.90
413603	506-5	Qt.	\$11.20
413670	506-6	Gal.	\$25.40



Titebond II Premium Wood Glue

Franklin Ideal for exterior woodworking projects. Provides a strong initial tack, fast speed of set, superior strength and excellent sandability. First 1-part wood glue to pass ANSI Type II water-resistance and is FDA approved for indirect food contact. Ideal for radio frequency (RF) and hot press gluing systems. Easy cleanup with water.

Stk.	Mfr.	Size	Price
413001	500-3	1/2 Pt.	\$4.88
413002	500-4	Pt.	\$8.10
413003	500-5	Qt.	\$13.00
413004	500-6	Gal.	\$29.50



Titebond III Ultimate Wood Glue

Franklin The first 1-part, water cleanup wood glue ever offered that is proven waterproof. The formula passes the ANSI/HPVA Type I water-resistance specification and offers superior bond strength, longer open assembly time and lower application temperature. It is non-toxic and solvent free. It provides strong initial tack, sands easily and is FDA

approved for indirect food contact (cutting boards). Ideal for both interior and exterior applications.

Stk.	Mfr.	Size	Price
413009	1413	1/2 Pt.	\$6.81
413010	1414	Pt.	\$11.40
413011	1415	Qt.	\$16.40
413012	1416	Gal.	\$43.80



Glue-All Max Wood Glue

Elmer's Polyurethane glue permanently adheres most materials together with a strong, waterproof bond. Nonstainable glue is sandable and paintable when dry (1-4 hrs.). No mixing required. Cleanup with mineral spirits or acetone when wet.

Stk.	Mfr.	Size	Price
257760	E9415	4 oz.	\$9.08
257761	E9416	8 oz.	\$13.00



Carpenter's Wood Glue Max

Elmer's Glue with real wood fibers for superior staining, painting and sanding. Waterproof glue (ANSI Type I) for all inside/outside woodworking projects. Strong initial tack and superior strength. Non-toxic, no harmful fumes and easy water cleanup.

Stk.	Mfr.	Size	Price
257750	E7300	8 oz.	\$5.26
257751	E7310	16 oz.	\$7.90
257752	E7330	Gal.	\$36.80



ProBond Advanced™ Wood Glue

Elmer's Bonds metal, glass, ceramics, stone, wood, concrete and more. Light color translucent finish can be easily painted. Soap and water clean up when glue is wet. Scrape and sand when glue is dry. Set time 20-30 minutes. 100% weatherproof.

Nonstainable.

Stk.	Mfr.	Size	Price
257946	E7502	4 oz.	\$7.48
257947	E7503	8 oz.	\$11.60



Carpenter's Interior Wood Glue

Elmer's Indoor glue for soft and hardwoods, particle board and porous materials. Nonstainable, light color glue for natural and light stained woods. Scrape and sand when dry (20-30 min.). Soap and water cleanup while wet.

Stk.	Mfr.	Size	Price
257870	E7000	4 oz.	\$2.95
257872	E7010	8 oz.	\$4.30
257939	E7020	16 oz.	\$7.08
258006	E7040	32 oz.	\$11.70
258073	E7050	Gal.	\$25.30



Liquid Hide Wood Glue

Franklin Excellent bonding qualities and ease of use. Good for close grain woods. Excellent sandability.

Stk.	Mfr.	Size	Price
413067	501-3	1/2 Pt.	\$7.36



Weldwood® Contact Cement

Dap Nonflammable, polychloroprene waterborne adhesive meets professional requirements. Dries within 40 min. Water resistant when dry. Low odor, easy water cleanup. VOC compliant.

Stk.	Mfr.	Size	Price
942801	25332	Qt.	\$24.10
942889	25336	Gal.	\$71.30

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Contact Cement

Elmer's Neoprene rubber for an ultra flexible bond. Convenient, fast drying. Adheres to plastic, laminate, metal and wood. For indoor/outdoor use. Water resistant.

Stk.	Mfr.	Size	Price
257801	E1014	1 oz.	\$3.73



Heavy-duty Construction Adhesive

Liquid Nails For interior and exterior use. Formulated to bond the heaviest materials including countertops, cabinets and shelving. Offers ultimate sheer strength exceeding 400 psi.

Stk.	Mfr.	Size	Price
943005	LN-901	10.5 oz.	\$4.90



Glue-All® White Glue

Elmer's Fast-setting glue forms a transparent film. Perfect for school projects, crafts and light repair. Works on a variety of material.

Stk.	Mfr.	Size	Price
257299	E1322	4 oz.	\$1.92
257300	E1324	8 oz.	\$3.03
257301	E1321	16 oz.	\$7.39
257302	E1326	Gal.	\$20.70



School Glue

Elmer's Washable, no-run school glue is easy to use and stays where it's put. Safe, non-toxic, easy cleanup.

Stk.	Mfr.	Size	Price
257310	E304	4 oz.	\$1.69
257311	E308	8 oz.	\$2.88
257312	E340	Gal.	\$19.40



Glue Dispenser Pump

Elmer's For gallon bottle, allows smaller bottles to be filled economically & w/out mess.

Stk.	Mfr.	Price
257320	E343	\$27.30



Model & Hobby Cement

Elmer's Convenient and fast-drying, sets in 30 seconds with a strong, invisible bond. Ideal for all plastic-to-plastic bonds, including polystyrene model plastic. Water resistant, will not shrink, low odor and paintable. For indoor use.

Stk.	Mfr.	Size	Price
257800	E1013	1 oz.	\$3.73



Tacky Formula Modeling Glue

Midwest Products Flows easier from bottle for no waste. White glue is nontoxic & has no objectionable odors. For aviation, structures & transportation models.

Stk.	Mfr.	Size	Qty./Pkg.	Price
536310	362	1 oz.	24	\$25.00
536311	361	4 oz.	1	\$3.93



Craft Bond Tacky Glue

Elmer's Durable, clear-drying wet tack glue offers long-lasting bond and post-drying flexibility. Glue won't run and is ideal for multi-purpose craft projects involving porous and semi-porous materials (not for photos, bare metal, submerged, heated surfaces, or outdoors). Easy water cleanup. Safe and non-toxic.

Stk.	Mfr.	Size	Price
257350	E430	4 oz.	\$2.35



Rubber Cement

Elmer's Superior for adhering photos and detailed cut and paste projects. Excess glue rubs off cleanly and shows no wrinkles as it dries.

Stk.	Mfr.	Size	Price
196180	E904	4 oz.	\$2.54



Scotch® Mega Glue Stick

3M Strong, fast-bonding, and no mess. Purple is easy to see when applied, but dries clear. Great for paper, fabrics, and other lightweight items. Non-toxic and acid free.

Stk.	Mfr.	Size	Price
590407	6108-MEGA	1.41 oz.	\$2.73



All Purpose School Glue Sticks

Elmer's Easy-to-use glue offers smooth application and water cleanup. Goes on and dries clear. Nontoxic.

Stk.	Mfr.	Size	Qty.	Price
257740	E510	0.21 oz.	1	\$0.63
257630	E556	0.24 oz.	30	\$16.20
257627	E501	0.24 oz.	60	\$28.40



Spray Adhesive

Elmer's Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
257620	E451	Standard	11 oz.	\$7.78
257623	E456	Extra Strength	10 oz.	\$10.20



High-Strength Spray Adhesive

Krylon Permanent, high-strength adhesive w/extended open tack time (30 min. dry to touch, 3 hrs. dry to handle). Dries clear w/out bleed through, will not swell, wrinkle or warp, acid free & archival-safe. Use for wood, metal, wicker, plastic, glass, craft foam, plaster, ceramic, fabric, paper & paper mache.

Stk.	Mfr.	Qty.	Price
943196	7010	11 oz.	\$8.26



Super 77™ Multipurpose Adhesive Aerosol

3M High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
590400	77	16.5 oz.	\$22.10



E6000® Spray Adhesive

Eclectic Spray adhesive is a permanent, multi-purpose latex-based adhesive. It is strong, flexible, water-resistant, resists bleed-through and yellowing and works well on most all materials. Contains no VOCs, harsh chemicals or propellants.

Stk.	Mfr.	Size	Price
375980	562011	8 oz.	\$13.20



2-Ton Flow Mix Epoxy

Devcon Works on metal, wood, concrete, fiberglass, glass, china and ceramics. 2,500 psi bond strength, 30-min. set time. Dries clear. 2 instant mix nozzles automatically mixes epoxy for accurate and easy application and cleanup.

Stk.	Mfr.	Size	Price
504432	23145	0.47 oz.	\$6.40



2-Ton Epoxy Glue

Devcon Works on concrete, wood, metal, glass, ceramics, china, tile, and fixtures. Waterproof, dries clear.

Stk.	Mfr.	Size	Qty.	Price
942735	35345	1/2 oz. tube	2	\$4.54



5-Minute Epoxy

Devcon Fast, clear drying epoxy for metal, wood, glass, ceramics, china, fiberglass, tiles and fixtures.

Stk.	Mfr.	Size	Qty.	Price
942700	20545	1/2 oz. tube	2	\$4.99
942732	20945	4-1/4 oz. tube	2	\$18.10
942737	20845	25 ml. syringe	1	\$5.27



KwikWood Epoxy Putty Stick

J-B Weld Handmixable epoxy putty stick repairs and rebuilds anything made of wood (interior & exterior). Ideal for damaged or rotted sections of wood (i.e. doors hinges & jams, window sills, fences, shutters & more). Cures in 60 min. and can be drilled, tapped, sanded and painted or stained. Epoxy will not shrink, rot, crack or pull away.

Stk.	Mfr.	Size	Price
943274	8257	1 oz.	\$10.30



Advanced Formula Instant Crazy Glue® Gel

Elmer's Provides an extra strength and durable shock-resistant bond. No-run, no drip gel for gluing vertical surfaces and 2 mismatched surfaces. Best for porous materials (ceramic, pottery). Extended tip gets into tight spaces.

Stk.	Mfr.	Size	Price
258109	KG-484	4 grams	\$3.84



Future Glue

Super Glue Original Super Glue's next generation. Both formulas work on dirty, greasy surfaces, and resist high and low temps, plus most chemicals. Instantly bonds metal, rubber, most plastics, aluminum, ceramics, china, hard and soft wood, leather, pottery, jewelry, fingernails and more.

Stk.	Mfr.	Item	Size	Price
504246	15109	Regular Formula	2 grams	\$1.16
504245	15110	Gel Formula	2 grams	\$1.16



Duco Cement

Duco Tough, clear drying cement for wood, metal, glass, china and crafts.

Stk.	Mfr.	Size	Price
942733	62435	1 oz.	\$2.94



Krazy Glue® Pen

Elmer's Specially designed tip controls the amount of glue with no clogging, dripping or mess. Dries clear. Bonds plastic, metal, rubber, glass and ceramic.

Stk.	Mfr.	Size	Price
258110	KG-824	3 grams	\$2.81



Krazy Glue® Gel

Elmer's No run, no drip gel spreads evenly and works on vertical surfaces. Extra strength formula will fill gaps and voids. Bonds wood, soft leather, metal, rubber, glass, ceramic and semi-porous surfaces.

Stk.	Mfr.	Size	Price
258111	KG-866	2 grams	\$2.81

CAN'T FIND IT?

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**All-Purpose Instant Crazy Glue®**

Elmer's Bonds wood, rubber, glass, metal, plastic and ceramic.

Single-use tubes.

Stk.	Mfr.	Size	Qty.	Price
258113	KG58248SN	.5 oz.	4	\$4.68

Airtight, leak-proof cap. Base holds tube upright.

Stk.	Mfr.	Size	Qty.	Price
258108	KG585	2 grams	1	\$2.43

**Crazy Glue® for Wood & Leather**

Elmer's Original formula glue for porous wood, veneer, leather and vinyl surfaces. Glues

balsa wood in less than 15 seconds. 1-drop application creates a strong, long-lasting bond. Leak-proof, airtight case.

Stk.	Mfr.	Size	Price
258112	KG-821	2 grams	\$2.43

**Impact-Tough™ Formula**

Gorilla Glue Rubber particles increase impact-resistance and strength. Thick formula flows better for improved control. Dries in 30-60 sec. with no clamping. Anti-clog tip. Use on wood, plastic, glass, metal, ceramics and more.

Stk.	Mfr.	Size	Price
511338	7805002	15 grams	\$6.35

**Goop® All Purpose Glue**

Goop Strong, flexible adhesive bonds to practically anything with a waterproof hold. Use to fix broken vacuum cleaner attachments, towel racks, ceramic flowerpots, to seal worn/cracked water hoses, to adhere new handles onto garden tools and more. Won't crack or break. Withstands heat up to 150°F.

Stk.	Mfr.	Size	Price
375900	140232	1 oz.	\$4.87

**E-6000® Series Industrial Strength Adhesive**

Goop High performance strength in adhering metals, glass, rubber and plastics makes it a universal maintenance and repair adhesive. Provides adhesion strength and versatility not found in silicones and rubber cements. Self-leveling, flexible, chemical resistant, waterproof and paintable.

Stk.	Mfr.	Size	Price
375920	230022	3.7 oz.	\$6.88

**J-B Kwik Weld**

J-B Weld Bonding compound cures in 4 min. Withstands temperatures up to 300°. Cleans up with soap and water. Simple to use, just squeeze equal parts onto a mixing surface, mix thoroughly, and apply.

Stk.	Mfr.	Size	Qty.	Price
942742	8276	1 oz. tube	2	\$7.81

**J-B Original Cold Weld**

J-B Weld Perfect for any heavy duty adhesive job. Squeeze 2 separate tubes onto a mixing surface. Cures in 24 hours. Withstands temperatures up to 550°F. Tensile strength of

3,960 PSI.

Stk.	Mfr.	Size	Qty.	Price
943292	8265-S	1 oz. tube	2	\$7.81

**Plastic Welder**

Devcon Makes tough bonds on most plastics, steel, aluminum, wood and ceramics. This syringe plastic welder is high impact resistant and becomes set in 15 to 30 minutes. Dries cream colored.

Stk.	Mfr.	Size	Price
942743	22045	25 ml.	\$5.73

MARKERS**Marks-A-Lot Permanent Marker**

Avery Regular chisel tip marker writes on

almost any surface including cardboard, metal and plastic. Works well indoors or out. Durable chisel tip writes in a variety of line widths. Rich, dark low-odor ink is quick drying, nontoxic, water and rub resistant.

ACMI certified (conforms to ASTM D 4236).

Stk.	Mfr.	Tip	Color	Qty.	Price
942675	17888	Chisel	Black	1	\$1.60

**Sharpie® Markers**

Sharpie Quick-drying, permanent markers for the most hard-to-mark surfaces. Fade and water resistant. Nontoxic.

Original

Stk.	Mfr.	Tip	Color	Qty.	Price
452770	30101PP	Fine	Black	1	\$1.43
452771	30102PP	Fine	Red	1	\$1.43
452772	30103PP	Fine	Blue	1	\$1.43

Metallic Oil-based paint w/a glossy finish for any color background. For glass, metal, wood, rubber, stone, plastic, paper, vinyl, felt, canvas & more.

Stk.	Mfr.	Tip	Color	Qty.	Price
452774	39108PP	Fine	Silver	2	\$3.85

Chisel Wide tip for marking thick & thin lines.

Stk.	Mfr.	Tip	Color	Qty.	Price
452775	38262PP	Fine/ Broad	Black	2	\$4.01

Ultra Fine Point

Stk.	Mfr.	Tip	Color	Qty.	Price
452780	SN37001	Ultra Fine	Black	1	\$2.10

**Uni-Paint Marker Set**

Sharpie Six vivid, opaque oil-based paint markers ideal for painting or personalizing on glass, metal, wood, rubber, stone, plastic, paper, vinyl, leather, canvas and more. Fade, water and abrasion resistant. Medium bullet point. AP-certified nontoxic.

Includes red, yellow, green, blue, black & white.

Stk.	Mfr.	Price
452769	63630	\$20.20

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www.midwesttechnology.com



Crayola Classic Colors Marker Set

Crayola Broad-tip markers in 8 primary colors. Special ink easily washes from skin and clothing.

Stk.	Mfr.	Price
942691	58-7808	\$6.92



Silly Scent™ Super-tip Markers

Crayola Versatile-tip markers in 20 pretty colors. Use fine tip at top for detail, and broad side for coloring. Each marker is uniquely scented. Won't smear on the page. Special ink easily washes from skin and clothing.

Includes plastic pouch.

Stk.	Mfr.	Price
943251	58-8106	\$7.35

CALCULATORS



8-Digit Calculator

Sharp LCD display calculator with 3-key memory, plus square root and percent keys.

Includes battery.

Stk.	Mfr.	Price
482762	EL233SB	\$4.75



10-Digit Solar-powered Calculator

Sharp Independent 3-key memory, large keys, automatic constant, square root and 1-touch percent. Auto shut-off.

Stk.	Mfr.	Price
482761	EL-377TB	\$8.14



Material Estimator Calculator

Calculated Industries Designed to estimate materials and costs for concrete, fences, decks, bricks, tile, flooring, gravel, painting, drywall, paneling and more. Quickly and easily calculate material costs and allowances.

• Works directly in feet, inches, fractions, yards & meters including square & cubic format

- Solar & battery powered
- Calculate studs, board feet & cost per unit
- Linear, area & volume calculations
- Convert between all standard building math dimensions
- Define & store values for grout, tile, custom tiles, fence post spacing, board width, bags of concrete, paint coverage & more
- Time-saving utility functions: +, -, +/-, x, ÷, %, π, 1/x, x2, & √
- Memory & auto shut-off, paperless tape function
- 1-yr. mfr.'s limited warranty

Size 5.7"H x 3"W x .65"T. Weight 4.15 oz.

Includes 360° protective hard cover, English/Spanish pocket reference guide & 3V battery.

Stk.	Mfr.	Price
943311	4019	\$42.70



Project Calculator

Calculated Industries Hand-held calculator helps students work directly in feet, inches, fractions, decimal fractions, yards and meters (including square & cubic formats). Converts between all standard math dimensions.

- Works as a standard math calculator
- Dedicated functions help students quickly estimate material amounts & calculate costs for paint, wallpaper, concrete & tile

• Solves reverse calculations (square feet per gal. of paint. etc.)

LCD segment display (1" x 2.25"), 11 digits (7 normal, 4 fractions) & annunciator-legends. 12 digit internal accuracy.

Includes 2 long-life LR-43 lithium batteries & easy-use manual.

Stk.	Mfr.	Price
942636	8510	\$26.70



Trades Math & Conversion Calculator

Calculated Industries Designed for teaching technical trade math. Ideal for those in math-oriented trades needing an easy-to-use handheld calculator with applied math functions.

• Right triangle math, trigonometry, circle/arc, ratios & proportions, hexagon/polygon

- Calculate architectural, proper, mixed & improper fractions
- Solve dimensional math problems & convert between U.S. & metric
- Solve ratios, proportions & work w/exponents
- 1-yr. mfr.'s limited warranty

LCD display (0.73" x 2.56"), 15 digits (8 normal, 7 fractions) w/full annunciators. 12 digit internal accuracy. Overall dimensions 5.7" x 3.0" x 0.65".

Includes protective slide cover, reference guides & 3V long-life (CR2016) battery.

Stk.	Mfr.	Price
282010	4400	\$42.70



Construction Master® Pro Calculator

Calculated Industries Calculator provides powerful built-in solutions and expanded preference settings. Easy to use in the field or shop. Perfect for completing plans, layouts, bids and estimates (saves time, money & materials).

- Built-in right-angle stair, roof & rafter solutions
- Calculate area, volume, square-up, perimeter & more

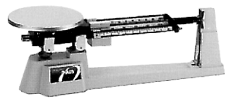
- Work in & convert between building dimensions (including metric)
- Stair layouts (tread, risers, stringer, stairwell, floor thickness)
- Figures arcs, area, circumference, segments & more
- Solutions for hip/valley, jacks, cutting angles & arched rake-walls
- Measurements for drywall (siding & panels), studs (on-center) & compound miter cuts
- 1-yr. mfr.'s limited warranty

LCD segment display (0.625" x 2.5"), 11 digits (7 normal, 4 fractions, full annunciators). 10-digit internal accuracy.

Includes 2 long-life 1.5V batteries, English & Spanish CD w/how-to videos, 3 guides (CD user guide, pocket-reference guide & easy-follow English user guide) & hard-slide case.

Stk.	Mfr.	Price
282000	4065	\$70.20

SCALES



Triple Beam Mechanical Balance

Ohaus Capable of weighing solids, liquids, powders or even animals. Provides the convenience of a top-loading scale with the durability and versatility to accommodate a range of lab needs.

- 3 notched & tiered beams w/center reading
- Spring-loaded zero adjust compensator

Size 18"L x 12"W x 9"H.

Removable stainless steel pan.

Stk.	Mfr.	Capacity	Readability	Price
585200	710-00	610 g	0.1 g	\$221.00

Stainless steel weighing plate.

Stk.	Mfr.	Capacity	Readability	Price
585161	750-SO	610 g	0.1 g	\$162.00



3-Piece Weight Set

Ohaus For use with Triple Beam Mechanical Balances.

Includes two 1kg. & one 500g.

Stk.	Mfr.	Price
585195	707-00	\$61.90



School Balance

Ohaus Introduce elementary and middle school students to the science of metrology. Interchangeable red square pans are easily removable for pouring, cleaning and storing. Versatile unit measures small items such as paper clips, marbles and coins, plus heavier objects such as books. Durable polystyrene platform.

Size 11"L x 4"W x 4.5"H.

Stk.	Mfr.	Capacity	Readability	Price
585235	SB1200	2,000 g	0.5 g	\$52.50



Scout® Pro Scales

Ohaus Designed for use in laboratory, industrial or education applications. Easy-to-use 2-button operation, high-contrast LCD display, multiple weighing units, multiple application modes.

- Mechanical & software protection against shock & overloading
- 4 weighing units - grams, ounces, troy ounces & pennyweights
- Enhanced parts counting, % weighing, totalization & display hold
- USB or RS232 connectivity - quick-installed option w/integral cable allows data connection to PC or printer (RS232 or USB)
- Integral weigh-below hook for density or specific gravity determination
- Removable stainless steel weighing platform, sealed front panel & molded spill ring
- Battery or AC power options

Size 8.27"L x 7.56"W x 2"H.

Includes shipping lock, theft-prevention security bracket, lock switch, data cable, round stainless steel platform, AC adapter (or 4 AA batteries, sold separately).

Stk.	Mfr.	Capacity	Readability	Price
585250	SP202	200 g	0.01 g	\$424.00
585251	SP401	400 g	0.1 g	\$234.00
585252	SP402	400 g	0.01 g	\$594.00



CS Portable Balances

Ohaus Designed with a large high contrast display and an energy-saving auto shut-off. Portable scale has a low profile and is battery or AC powered. Features a low battery indicator, overload and underload indicators, rugged plastic construction, stainless steel platform and tactile feedback keypad.

Size 12"L x 6.75"W x 2"H.

Includes 3AA batteries & AC adapter.

Stk.	Mfr.	Capacity	Readability	Price
585210	CS200	200 g	0.1 g	\$119.00
585212	CS2000	2,000 g	1 g	\$119.00
585214	CS5000	5,000 g	2 g	\$140.00



Valor™ 1000 Compact Scales

Ohaus Economical, multipurpose scale with an accumulation mode and multiple units of measure. Portable unit features fast response time, leveling capability and precision resolutions up to 7,500d.

- Removable, stainless steel weighing platform w/leveling adjustment
- Mid-profile ABS plastic housing (NSF certified, supports HACCP systems)
- 80-hr. internal, rechargeable battery (w/AC adapter)
- Digital external calibration software for weighing & check weighing
- Single or dual blue, easy-read LCD display w/selectable auto-off
- Quick-adjust leveling feet & front panel level bubble
- Weighs kilograms, pounds, grams & ounces

Size 10"L x 12"W x 4.3"H.

Includes AC adapter & 9V battery.

Stk.	Mfr.	Item	Capacity	Readability	Price
585260	VI IP3	Single Display	3,000 g	0.5 g	\$218.00
585261	VI IP3T	Dual Display	3,000 g	0.5 g	\$223.00



Pull-type Spring Scale

Ohaus Great for general weighing (grams, oz., lbs., newtons), force experiments, action-reaction demonstrations and more. Economical scale features an internal spring mechanism, ABS housing with large metal face plate, pointer, spring and hook.

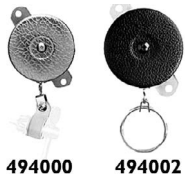
Stk.	Mfr.	Capacity	Readability	Price
585149	8265-MO	2,000 g	20 g	\$19.80

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Al Ryan ext. 3130
aryan@midwesttechnology.com



LOCKS



24" Chrome Bracket Mount Key-Bak®

Key-Bak Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key or tool use at arm's length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Large Swivel Without split ring for larger items.

Stk.	Mfr.	Price
494000	7LSC	\$15.10

Small Swivel 1-1/8" split ring for holding small tools, instruments, etc.

Stk.	Mfr.	Price
494002	7	\$14.10



Super 48" Key-Bak®

Key-Bak Case made from durable polycarbonate material. Carries up to 15 keys. Attachment to your belt is done either by a metal clip that can convert to a belt loop (with the enclosed pin) or a leather loop that slides onto a belt. Patented ball-joint feature secures the keys firmly in place.

Stk.	Mfr.	Item	Price
494005	S48K	Belt Clip / Loop	\$15.90
494006	S48-LEK	Leather Loop	\$18.20



Disc Tumbler Locks

National Lock Five-disc tumbler lock of bright nickel. 1-3/4" x 1-1/2" body, each with a unique key.

Cylinder 15/16"L, 7/8" dia. Deadbolt travel 1 1/32". Center of Cylinder to edge 3/4".

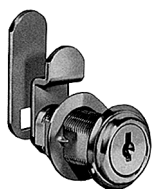
Includes 2 keys with each lock.

Disc Tumbler Lock

Stk.	Mfr.	Price
591201	C8703-KD-14A	\$15.20

Master Keyed Disc Tumbler Lock Same as above, but lock also has master-key option (Master key sold separately).

Stk.	Mfr.	Price
591268	C8703-MKKD-14A	\$18.40



Cylinder Lock

National Lock Locks are master keyed with regular key changes. For doors with lipped or flush construction. 90° cam turn. Key can be removed in locked and unlocked positions. Bright nickel.

Cylinder 5/8"L. Max. material thickness 15/64".

Cylinder Lock

Stk.	Mfr.	Price
591134	C8052-MKKD-14A	\$15.20

Master Key

National Lock For Mfg. C8703-MKKD-14A & C8052-MKKD-14A.

Stk.	Mfr.	Price
591000	E41A	\$5.66



Combination Locks

Master Lock BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent reopening of lock.

For security reasons, all Master combination locks are shipped direct from factory.

Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
145067	I502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$7.34

Keyed Lock For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

145134	I525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	\$8.22
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Control Key

145000	I525K			\$4.49
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Laminated Padlocks

Master Lock Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.

No. 7 Hardened boron shackle. Body 1-1/8"W. Shackle 3/16" dia. x 9/16"H x 1/2"W. Cylinder 4-pin W7.

Stk.	Mfr.	Item	Series No.	Price
144984	7	Keyed Different		\$9.09
144987	7KA	Keyed Alike	P605	\$10.30
144988	7MK	Master Keyed	M30	\$15.10
144986	K7	Master Key Only	M30	\$4.38

No. 3 Body 1-9/16"W. Shackle 9/32" dia. x 3/4"H x 5/8"W. Cylinder 4-pin W1.

144980	3	Keyed Different		\$10.40
144981	3KA	Keyed Alike	3769	\$12.60
144982	3MK	Master Keyed	SM742	\$17.40
144970	KI	Master Key Only	SM742	\$4.38

No. 1 Body 1-3/4"W. Shackle 5/16" dia. x 15/16"H x 3/4"W. Cylinder 4-pin W1.

144950	1	Keyed Different		\$12.60
144951	1KA	Keyed Alike	2510	\$12.50
144952	1KAMK	Master Keyed	AF	\$18.10
144953	KI	Master Key Only	AF	\$4.38

No. 15 Body 2-1/2"W. Shackle 7/16" dia. x 1-1/4"H x 1-3/16"W. Cylinder 5-pin W15.

144990	15	Keyed Different		\$27.20
144991	15KA	Keyed Alike	10N150	\$28.20
144992	15MK	Master Keyed	M80	\$31.70
144993	K15	Master Key Only	M80	\$4.38

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

MAGNIFYING TOOLS



Magnifier Lamp

Alvin 4" dia., 3-diopter fine-ground glass lens with 1.75 magnification. Spring-balanced arm w/36" reach. Handle on shade makes lens easy to position. Clamps on up to 2-1/4" thick surfaces. Metal clamp. Accepts 60W bulb (not included).

Stk.	Mfr.	Price
482786	ML100-B	\$31.40



UltraTech Glass Magnifiers

General Magnifiers feature polished, optical glass lenses, precision ground for a distortion-free finish. Sturdy metal frame for field work or in confined, obstructed spaces. Versa-Grip comfort handle.

Stk.	Mfr.	Dia.	Price
419821	750542	3"	\$13.20
419822	750544	4"	\$16.80



X-Tra Hands

X-Acto Double alligator spring clamps and double joints hold work firmly at any angle. 2x magnifier for close, exacting work to free hands for soldering, gluing and positioning.

Stk.	Mfr.	Price
477084	X75170	\$18.70



Eye Loupe

General Professional quality eye loupe. Compact size with acute magnification. 5x optical glass magnifying lens for utmost clarity. For toolmakers, jewelers, instrument assemblers & others who need sharp, clear magnification without eyestrain. Clear optical glass lens is ground & polished 1" dia. lens 2" focal length.

Stk.	Mfr.	Price
418815	527	\$8.43

SCISSORS



Kleencut® Scissors

Acme Precision-ground, rust-resistant stainless steel blades. Traditional German design for right/left-hand use.

Stk.	Mfr.	Size	Price
189000	19016	6"	\$7.84
189067	19018	8"	\$9.14
189068	19019	9"	\$11.80



Lightweight Scissors

Acme Versatile, lightweight trimmers made of corrosion-resistant, precision-ground stainless steel. Ergonomic plastic handles molded for right- and left-hand use.

Stk.	Mfr.	Size	Price
189140	44216	5"	\$8.85
189141	44217	7"	\$9.39



Bent Handle Scissors

Westcott Corrosion-resistant steel, long-life scissors. Ergonomic handles work right- or left-handed. Bright-finished blades with inside, edge and bevel grinds to make them the sharpest.

Stk.	Mfr.	Size	Price
189123	43318	8"	\$18.60



Economic Bent Handle

Acme General-purpose scissors with rust resistant steel blades and lightweight molded plastic handles.

Stk.	Mfr.	Size	Price
189170	10703	8"	\$5.22



All Purpose Scissors

Acme Lightweight, durable, stainless steel blades are corrosion-resistant. Straight plastic handles can be used by left-handed or right-handed cutters.

Stk.	Mfr.	Size	Price
189126	13151	8"	\$5.22



Titanium Bonded™ Scissors

Westcott Blades are 3x harder than stainless steel blades. Corrosion resistant, plus resists the stickiness of tape & glue. Contoured soft grip handles.

Stk.	Mfr.	Item	Size	Price
189181	13529	Straight	8"	\$12.20
189180	13526	Pointed	7"	\$11.40



Easy Snip Utility Shears

Wiss Heavy-duty, spring-loaded shears with soft-grip handles reduce fatigue. Corrosion-resistant stainless blades with cutter for light ga. wire. Use in shop and for crafts. Safety lock.

Stk.	Mfr.	Size	Price
307057	WEZSNIP	8-1/2"	\$13.70



Shop Shear

Wiss Heavy-duty, high leverage grip for right/left hand use. Corrosion-resistant stainless blades. Material gripping serrated lower blade with rope-cutting notch and blunt point. For cardboard, heavy fabric, rope, rubber, screening and more.

Stk.	Mfr.	Size	Price
307056	W912	10"	\$16.30

“ Would you like to schedule a call or meeting? ”

Kevin Luft ext. 3105
kluft@midwesttechnology.com



SANDING BLOCKS & SPONGES



Sanding Block

NORTON Hard but flexible rubber. Paper clamps easily and quickly. Sheet size 2-3/4" x 9".

Stk.	Mfr.	Price
608251	43140	\$6.06



Ergonomic Palm Sander Disc Kit

NORTON Finger-grip indentations and curved design quickly convert a 5" dia. hook and loop disc into a comfortable palm sander for finishing flat surfaces. Sanding discs sold separately.

Stk.	Mfr.	Price
600511	03147	\$24.10



Sanding Sponges

NORTON Flexible sanding sponge can be used for curved or flat surfaces. Convenient, easy-to-use wet or dry. Reusable and washable to eliminate loading for increased sanding life. Use on wood, paint, metal, plastic and drywall. Durable, lasts longer than sandpaper.

Small area sanding sponges

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
608522	49502	Fine/Medium	4" x 2-3/4" x 1"	1	\$2.04
608524	49504	Fine/Medium	4" x 2-3/4" x 1"	24	\$37.80
608523	49503	Medium/Coarse	4" x 2-3/4" x 1"	1	\$2.04
608525	49505	Medium/Coarse	4" x 2-3/4" x 1"	24	\$37.80

Contour sanding sponges

598952	00937	Extra Fine	4-1/2" x 5-1/2" x 3/16"	2	\$3.91
598953	00938	Fine	4-1/2" x 5-1/2" x 3/16"	2	\$3.91
598954	00939	Medium	4-1/2" x 5-1/2" x 3/16"	2	\$3.91

Flexible sanding sponges

598965	00946	Fine	3" x 4" x 1/2"	3	\$2.34
598967	00947	Medium	3" x 4" x 1/2"	3	\$2.34
598969	00948	Coarse	3" x 4" x 1/2"	3	\$2.34

Paint & drywall sanding sponges

598955	00941	Medium/Fine	4-7/8" x 2-7/8" x 1"	1	\$4.38
598957	00944	Medium/Fine	3-5/16" x 9" x 1"	1	\$6.54

SANDING SHEETS

MultiSand™ Clamp & Sand Sanding Sheets

NORTON For general purpose hand or machine sanding of wood, metal, plastic and fiberglass. Also for removing old paint.

Fine For final sanding or cleaning of surfaces.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608350	48295	150	3-2/3" x 9"	6	\$2.70
608360	48353	150	4-1/2" x 11"	6	\$3.21

Medium For moderate removal of wood, light paint, varnish, or rust.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608352	48310	100	3-2/3" x 9"	6	\$2.70
608361	48354	100	4-1/2" x 11"	6	\$3.21

Coarse For heavy removal of wood, coatings, or rust.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608354	48325	60	3-2/3" x 9"	6	\$2.87
608362	48355	60	4-1/2" x 11"	4	\$3.21



3x High Performance Sandpaper

NORTON Superior sanding performance for premium surface finish. Excellent on all surfaces and coatings. Will not clog, tear or transfer color. Great cutting paper for reduced sanding time. 9" x 11" sheets. Open coat.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
600499	02632	400	20	\$12.60
600491	02633	320	20	\$12.60
600492	02636	220	20	\$12.60
600493	02637	180	20	\$12.60
600494	02638	150	20	\$17.50
600495	02639	120	20	\$17.50
600496	02640	100	20	\$17.50
600497	02641	80	20	\$18.40
600498	02642	60	20	\$20.20

Garnet Sandpaper

NORTON For rough through finish hand sanding of softer woods and cabinet work. Use dry on bare wood prior to coating. Natural garnet abrasive is electro-coated on high tensile A, C, & D weight paper.

9" x 11" Cabinet Paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
600055	01513	150-C	100	\$54.20
600056	01514	120-C	100	\$54.20
600057	01515	100-C	100	\$54.20
600058	01516	80-C	50	\$32.70
600059	01517	60-C	50	\$36.10
600060	01518	50-D	50	\$41.70

9" x 11" Finish Paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
599742	01488	220-A	100	\$50.00
599809	01489	180-A	100	\$50.00
599876	01490	150-A	100	\$50.00
599943	01495	120-A	100	\$50.00
600010	01500	100-A	100	\$50.00
600015	01505	80-A	50	\$27.80

E-Z Flex Metalite Cloth Sandpaper

NORTON For deburring, cleaning and polishing metal. Rugged aluminum oxide abrasive is electro-coated onto a flexible cloth backing. J weight flexible cloth. 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
600610	26331	400-J	50	\$66.60
600613	26332	320-J	50	\$66.60
600680	26334	240-J	50	\$66.60
600747	26336	180-J	50	\$66.60
600814	26337	150-J	50	\$66.60
600881	26338	120-J	50	\$66.60
600948	26339	100-J	50	\$66.60
601015	26340	80-J	25	\$35.40

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Tufbak Durite Sandpaper

NORTON For sanding between primer coats and other finishes on wood or metal with water or other lubricants. Diamond-like close coat abrasive electro-coated to a tough, waterproof backing. 9" x 11" sheets.

C weight paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
599090	01150	180-C	50	\$52.10
599095	01155	150-C	50	\$52.10
599100	01160	120-C	50	\$54.90
599105	01165	100-C	50	\$63.90
599110	01170	80-C	50	\$71.50

B weight paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
598995	39360	600-B	50	\$43.10
599000	39361	500-B	50	\$43.10
599005	39362	400-B	50	\$43.10
599020	39364	320-B	50	\$43.10
599072	39365	280-B	50	\$43.10
599085	39367	220-B	50	\$43.10

Adalox Sandpaper

NORTON For sanding hardwood, metal and composites by hand or machine. Long-lasting aluminum oxide abrasive is open coat on high tensile A, C, or D weight paper.

Economy Paper A weight paper: 9" x 10" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
599408	01380	fine	50	\$15.30
599475	01385	medium	50	\$18.10
599542	01390	coarse	50	\$24.30

Production Paper C or D weight paper: 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
598550	00156	very fine 220-C	100	\$41.40
598610	00245	very fine 180-C	100	\$54.20
598730	00285	fine 150-C	100	\$59.90
598737	00290	fine 120-C	100	\$59.90
598798	00295	fine 100-C	100	\$59.90
598804	00315	medium 80-D	50	\$35.70
598866	00320	medium 60-D	50	\$39.90
598871	00325	coarse 50-D	50	\$47.80

3X High Performance Stick & Sand Sandpaper Sheets

NORTON Adhesive-backed sanding sheets provide superior sanding performance for a premium surface finish. Premium heat-treated aluminum oxide abrasive excellent on all surfaces and coatings. Will not clog, tear or transfer color.

4-1/2" x 4-1/2" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
598700	06079	60 Coarse	4	\$3.80
598701	06078	100 Medium	4	\$3.80
598702	06077	150 Fine	4	\$3.80



Sandpaper Storage Box

Shop Fox Sandpaper storage box with 8 sliding trays is the perfect way to protect, sort and store standard sized sandpaper sheets. Open front trays allow easy sandpaper identification by either sight or feel. Each tray measures 10"W x 12"D and will hold up to 50 full size sandpaper sheets.

Sandpaper sold separately.

Stk.	Mfr.	Price
785657	D2927	\$45.00

SANDING ROLLS

Metalite Roll Cloth Backed Sandpaper

NORTON For general purpose sanding where flexibility and tear resistance are most important. Cloth backing provides increased strength and durability. Applications: hand strapping, light deburring, blending, removing machine tool marks, cleaning pipe & tubing.

J weight flexible cloth, 50 yds. long x 1" wide.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
601498	26266	600-J	1	\$32.70
601551	26268	320-J	1	\$32.70
601618	26270	240-J	1	\$32.70
601685	26271	220-J	1	\$32.70
601752	26272	180-J	1	\$32.70
601819	26273	150-J	1	\$32.70
601886	26274	120-J	1	\$32.70
601953	26275	100-J	1	\$32.70
602020	26276	80-J	1	\$33.80
602087	27729	60-X	1	\$40.10

MultiSand™ 4-1/2" Adhesive-backed Sanding Roll

NORTON Attaches easily. Press & the adhesive mates w/the special pad for a tight, secure fit. Eliminate wasted paper used for clamping. Cut the length of paper needed.

Stk.	Mfr.	Grit	Size	Price
636576	49247	320	10 yd. x 4-1/2"W	\$21.30
636574	49248	220	10 yd. x 4-1/2"W	\$21.30
636573	49249	180	10 yd. x 4-1/2"W	\$21.30
636575	49250	150	10 yd. x 4-1/2"W	\$21.30
636572	49251	120	10 yd. x 4-1/2"W	\$21.30
636571	49252	100	10 yd. x 4-1/2"W	\$21.30
636570	49254	80	10 yd. x 4-1/2"W	\$23.80

SANDING DISCS

5" Eight-Hole Hook & Loop Paper Sanding Discs

NORTON Aluminum oxide discs with heavy-duty, tear resistant hook-and-loop backing.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
608478	49155	220	4	\$4.35
608496	49218	220	25	\$14.60
608497	49219	180	25	\$14.60
608479	49156	150	4	\$4.35
608502	49220	150	25	\$14.60
600489	02208	120	4	\$4.18
608498	49221	120	25	\$14.60
608481	49157	100	4	\$4.35
608501	49222	100	25	\$14.60
600490	02209	80	4	\$4.18
608499	49223	80	25	\$15.20
608480	49158	60	4	\$4.35
608500	49224	60	25	\$15.80



PSA Disc Roll Dispenser

NORTON Individually dispenses & removes disc from roll. For 5" or 6" disc roll or sheet roll.

Stk.	Mfr.	Price
608170	42772	\$84.60

Adhesive-backed Cloth Sanding Discs

NORTON Stick & Sand® aluminum oxide pressure-sensitive cloth discs. For rough sanding of primed and painted surfaces, stripping paints and primers, blending, leveling and finishing, sanding inside and outside corners, contours or flat surfaces, and heavy stock removal of wood, metal, plastic and fiber-glass.

Stk.	Mfr.	Dia.	Grit	Qty.	Price
607062	36600	10"	100	1	\$4.66
607064	36601	10"	80	1	\$5.13
607065	36602	10"	60	1	\$5.34
607070	36604	10"	40	1	\$6.23

Close Coat Discs Adhesive-backed aluminum oxide cloth.

600485	01994	5"	120	2	\$6.90
600486	01996	5"	80	2	\$6.90
600483	01987	6"	120	2	\$8.04
600488	01989	6"	80	2	\$8.04
607250	36355	8"	120	1	\$3.89
607254	36354	8"	80	1	\$4.14
607256	36576	8"	60	1	\$4.31
607258	36351	8"	40	1	\$4.85
600480	01973	9"	120	2	\$10.20
600481	01975	9"	80	2	\$10.20
606650	36613	12"	120	1	\$6.87
606652	36614	12"	100	1	\$6.87
606654	36615	12"	80	1	\$7.25
606655	36620	12"	60	1	\$7.75
606658	36630	12"	40	1	\$8.68



Spray Adhesive

Elmer's Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
257620	E451	Standard	11 oz.	\$7.78
257623	E456	Extra Strength	10 oz.	\$10.20



High-Strength Spray Adhesive

Krylon Permanent, high-strength adhesive w/extended open tack time (30 min. dry to touch, 3 hrs. dry to handle). Dries clear w/out bleed through, will not swell, wrinkle or warp, acid free & archival-safe. Use for wood, metal, wicker, plastic, glass, craft foam, plaster, ceramic, fabric, paper & paper mache.

Stk.	Mfr.	Qty.	Price
943196	7010	11 oz.	\$8.26



Super 77™ Multipurpose Adhesive Aerosol

3M High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
590400	77	16.5 oz.	\$22.10



Feathering Disc Adhesive

3M Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
590401	08051	5 oz.	\$24.90

Open Coat Abrasive Discs

NORTON Resist loading and provide more consistent cutting and finishing. Self-adhesive discs stay flat against sanding pad without wrinkling or tearing and avoid the uneven wear that shortens abrasive life.

5" Adhesive

Stk.	Mfr.	Holes	Grit	Qty./Box	Price
600474	01647	5	220	50/roll	\$16.20
600473	01645	5	150	50/roll	\$16.20
600472	01644	5	120	50/roll	\$16.20
600471	01643	5	100	50/roll	\$16.20
636540	73-550-08-25	5	80	25	\$15.20
600470	01642	5	80	50/roll	\$17.20
636549	72-580-22-25	8	220	25	\$13.00
636548	72-580-18-25	8	180	25	\$13.00
636547	72-580-12-25	8	120	25	\$13.00
636546	72-580-10-25	8	100	25	\$11.10
636545	72-580-08-25	8	80	25	\$13.00
608542	49825	None	220	100/roll	\$31.30
608541	49827	None	150	100/roll	\$31.30
608539	49830	None	80	100/roll	\$36.00
608504	49232	None	220	50/roll	\$16.20
608507	49239	None	150	50/roll	\$16.20
608505	49236	None	100	50/roll	\$16.20
608506	49238	None	80	50/roll	\$17.20

5" Hook & Loop

636544	73-550-22-25	5	220	25	\$15.20
636543	73-550-18-25	5	180	25	\$15.20
636542	73-550-12-25	5	120	25	\$15.20
636541	73-550-10-25	5	100	25	\$13.60
600501	04057	5 & 8	220	25	\$14.70
600500	04058	5 & 8	180	25	\$14.70
600502	04059	5 & 8	150	25	\$14.70
600503	04060	5 & 8	120	25	\$14.70
600504	04061	5 & 8	100	25	\$14.70
600505	04062	5 & 8	80	25	\$15.30
600506	04063	5 & 8	60	25	\$15.90
608540	49829	None	100	100/roll	\$31.30

6" Adhesive

608508	49240	None	220	50/roll	\$21.00
608509	49242	None	150	50/roll	\$21.00
608510	49244	None	100	50/roll	\$21.00
608511	49246	None	80	50/roll	\$23.40

6" Hook & Loop

600452	01635	6	220	25	\$20.50
600451	01634	6	150	25	\$20.50
600450	01633	6	100	25	\$20.50
600453	01636	6	80	25	\$21.50

20" Sanding Discs

Shop Fox Aluminum oxide sanding discs with top-quality pressure sensitive adhesive. No hole.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
785608	D1345	120	2	\$24.40
785607	D1343	80	2	\$16.00
785606	D1342	60	2	\$15.40

5" Fiber Sanding Discs

NORTON Aluminum oxide discs with fiber backing for heavy metal removal, paint stripping, light deburring, finishing, weld grinding and blending. 5" dia x 7/8".

Stk.	Mfr.	Grit	Qty./Pkg.	Price
608544	57276	24 Extra Coarse	1	\$1.37
608545	57277	36 Coarse	1	\$1.24
608546	57279	60 Medium	1	\$1.07
608547	57280	80 Fine	1	\$1.05

SANDING DRUMS & SLEEVES

Sanding Drums

Clesco Locks sanding sleeve securely in place. Tighten the nut/screw to expand the rubber cylinder for a strong hold. Great for straight or contour sanding of wood, metals & plastics. Use on electric drill, flexible shaft & drill press.

Stk.	Mfr.	Drum Dia.	Drum Width	Shank	Price
305380	D-832-2	1/2"	2"	1/4"	\$3.62
305384	D-1232-2	3/4"	2"	1/4"	\$3.98
305388	D-1632-2	1"	2"	1/4"	\$4.29
305392	D-2432-2	1-1/2"	2"	1/4"	\$4.44
305394	D-3224-2	2"	1-1/2"	1/4"	\$5.17
305396	D-4848-4	3"	3"	1/2"	\$20.20

Sanding Sleeves

Clesco Aluminum oxide on X weight paper, resin-bonded with cloth backing.

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
305112	696-50X	3/8"	6"	50	1	\$2.44
305113	696-80X	3/8"	6"	80	1	\$2.44
305114	696-120X	3/8"	6"	120	1	\$2.44
305096	488-50X	1/4"	5-1/2"	50	1	\$2.24
305097	488-80X	1/4"	5-1/2"	80	1	\$2.24
305098	488-120X	1/4"	5-1/2"	120	1	\$2.24
305120	832-50X	1/2"	2"	50	1	\$0.70
305121	832-80X	1/2"	2"	80	1	\$0.68
305122	832-120X	1/2"	2"	120	1	\$0.68
305129	872-50X	1/2"	4-1/2"	50	1	\$1.88
305130	872-80X	1/2"	4-1/2"	80	1	\$1.80
305131	872-120X	1/2"	4-1/2"	120	1	\$1.80
305137	888-50X	1/2"	5-1/2"	50	1	\$2.44
305138	888-80X	1/2"	5-1/2"	80	1	\$2.44
305139	888-120X	1/2"	5-1/2"	120	1	\$2.44
305146	896-50X	1/2"	6"	50	1	\$2.44
305147	896-80X	1/2"	6"	80	1	\$2.44
305148	896-120X	1/2"	6"	120	1	\$2.44
305164	1088-50X	5/8"	5-1/2"	50	1	\$2.61
305165	1088-80X	5/8"	5-1/2"	80	1	\$2.44
305166	1088-120X	5/8"	5-1/2"	120	1	\$2.61
305157	1096-50X	5/8"	6"	50	1	\$2.61
305158	1096-80X	5/8"	6"	80	1	\$2.61
305159	1096-120X	5/8"	6"	120	1	\$2.61
305170	1232-50X	3/4"	2"	50	1	\$0.70
305171	1232-80X	3/4"	2"	80	1	\$0.68
305172	1232-120X	3/4"	2"	120	1	\$0.68
305179	1272-50X	3/4"	4-1/2"	50	1	\$1.88
305180	1272-80X	3/4"	4-1/2"	80	1	\$1.88
305181	1272-120X	3/4"	4-1/2"	120	1	\$1.88
305312	12144-50X	3/4"	9"	50	1	\$4.32
305309	12144-80X	3/4"	9"	80	1	\$4.32
305308	12144-120A	3/4"	9"	120	1	\$4.32
305200	1632-50X	1"	2"	50	1	\$0.87
305201	1632-80X	1"	2"	80	1	\$0.87
305202	1632-120X	1"	2"	120	1	\$0.87
305209	1672-50X	1"	4-1/2"	50	1	\$1.88
305210	1672-80X	1"	4-1/2"	80	1	\$1.88
305211	1672-120X	1"	4-1/2"	120	1	\$1.88
305315	16144-50X	1"	9"	50	1	\$5.52
305316	16144-80X	1"	9"	80	1	\$5.52
305317	16144-120X	1"	9"	120	1	\$6.25
305230	2432-50X	1-1/2"	2"	50	1	\$0.87
305231	2432-80X	1-1/2"	2"	80	1	\$0.82
305232	2432-120X	1-1/2"	2"	120	1	\$0.76
305239	2472-50X	1-1/2"	4-1/2"	50	1	\$2.44

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
305240	2472-80X	1-1/2"	4-1/2"	80	1	\$2.44
305241	2472-120X	1-1/2"	4-1/2"	120	1	\$2.44
305274	2488-50X	1-1/2"	5-1/2"	50	1	\$3.08
305275	2488-80X	1-1/2"	5-1/2"	80	1	\$3.28
305276	2488-120X	1-1/2"	5-1/2"	120	1	\$3.08
305322	24144-50X	1-1/2"	9"	50	1	\$5.02
305323	24144-80X	1-1/2"	9"	80	1	\$5.18
305324	24144-120X	1-1/2"	9"	120	1	\$5.60
305254	2832-50X	1-3/4"	2"	50	1	\$1.45
305256	2832-120X	1-3/4"	2"	120	1	\$1.73
305260	3224-50X	2"	1-1/2"	50	1	\$0.87
305261	3224-80X	2"	1-1/2"	80	1	\$0.87
305262	3224-120X	2"	1-1/2"	120	1	\$0.87
305269	3272-50X	2"	4-1/2"	50	1	\$2.75
305270	3272-80X	2"	4-1/2"	80	1	\$2.75
305271	3272-120X	2"	4-1/2"	120	1	\$2.94
305277	3288-50X	2"	5-1/2"	50	1	\$3.98
305278	3288-80X	2"	5-1/2"	80	1	\$3.98
305279	3288-120X	2"	5-1/2"	120	1	\$3.98
305332	32144-50X	2"	9"	50	1	\$5.72
305333	32144-80X	2"	9"	80	1	\$5.72
305334	32144-120X	2"	9"	120	1	\$5.72
305233	4848-50X	3"	3"	50	1	\$2.24
305234	4848-80X	3"	3"	80	1	\$2.24
305235	4848-120X	3"	3"	120	1	\$2.08
305289	4872-50X	3"	4-1/2"	50	1	\$3.98
305290	4872-80X	3"	4-1/2"	80	1	\$3.81
305291	4872-120X	3"	4-1/2"	120	1	\$3.98
305296	4888-50X	3"	5-1/2"	50	1	\$5.02
305297	4888-80X	3"	5-1/2"	80	1	\$5.18
305298	4888-120X	3"	5-1/2"	120	1	\$5.02
305342	48144-50X	3"	9"	50	1	\$7.59
305343	48144-80X	3"	9"	80	1	\$7.06
305344	48144-120X	3"	9"	120	1	\$7.06

4" x 9" Sanding Sleeves

Woodstock Aluminum oxide hard sanding sleeves.

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
785603	D1505	4"	9"	60	1	\$13.50
785604	D1506	4"	9"	80	1	\$13.50
785605	D1508	4"	9"	120	1	\$13.50

Sanding Drum Kits

Clesco For sanding, polishing and finishing, plus grinding curves, corners, flat surfaces or irregular shapes. Drums have 1/4" shank dia. drums (except 1/2" x 1/2" with 1/8" dia.) that permits drum to be used on most rotary tools (i.e. Dremel & Foredom) with smaller chuck capacities or 1/8" collets. Spiral bound, cloth backed, aluminum oxide abrasive sheets dissipate heat quickly, reduce burning on wood and can handle heavy loads.

15-Piece Includes 5 regular drums (1/2" x 1/2", 3/4" x 1", 1" x 1", 1-1/2" x 1-1/2", 2" x 1-1/2"), 10 sleeves (1 fine 120 grit & 1 coarse 50 grit for ea. drum size) & box.

Stk.	Mfr.	Price
305400	SDK-1	\$19.70

28-Piece Includes 4 extra long drums (1/2" x 2", 3/4" x 2", 1" x 2" & 1-1/2" x 2") & 24 sleeves (6 medium 80 grit for ea. drum size).

Stk.	Mfr.	Price
305401	SDK-28	\$21.10

Place your order on-line!
www.midwesttechnology.com

SANDING BELTS

Aluminum Oxide Abrasive Sanding Belts

Quantity Savings!

Norton Close Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
603428	20910	1"W x 42"L	40	1	\$3.43	
603429	20905	1"W x 42"L	50	1	\$3.12	
603430	20900	1"W x 42"L	60	1	\$3.06	
603431	20895	1"W x 42"L	80	1	\$2.95	
603432	20890	1"W x 42"L	100	1	\$2.84	
603433	20885	1"W x 42"L	120	1	\$2.84	
603434	20880	1"W x 42"L	150	1	\$2.45	
603435	20875	1"W x 42"L	180	1	\$2.84	
603436	20871	1"W x 42"L	220	1	\$2.45	
603437	20870	1"W x 42"L	240	1	\$2.51	
603438	20865	1"W x 42"L	320	1	\$2.51	

Ali Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
943287	3212	1"W x 30"L	50	3	\$6.24	
943286	3211	1"W x 30"L	80	3	\$6.24	
943285	3210	1"W x 30"L	120	3	\$6.24	

Surf-Pro Close Coat Belts Aluminum oxide abrasive, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
682870	SP10B02042040A	2"W x 42"L	40	1	\$7.23	
682871	SP10B02042060A	2"W x 42"L	60	1	\$6.32	
682872	SP10B02042080A	2"W x 42"L	80	1	\$5.98	
682873	SP10B02042120A	2"W x 42"L	120	1	\$5.72	

Kalamazoo Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
491150	KB46050	4"W x 60"L	50	1	\$21.50	
491151	KB46080	4"W x 60"L	80	1	\$21.50	
491152	KB460100	4"W x 60"L	100	1	\$21.50	

Norton Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
604105	27927	3"W x 21"L	40	1	\$3.19	\$2.87
604103	27926	3"W x 21"L	50	1	\$3.08	\$2.77
604036	27925	3"W x 21"L	60	1	\$2.69	\$2.42
603969	27924	3"W x 21"L	80	1	\$2.55	\$2.29
603902	27923	3"W x 21"L	100	1	\$2.48	\$2.23
603833	27922	3"W x 21"L	120	1	\$2.48	\$2.23
604840	27937	3"W x 24"L	40	1	\$3.07	\$2.78
604773	27936	3"W x 24"L	50	1	\$2.96	\$2.66
604706	27935	3"W x 24"L	60	1	\$2.89	\$2.59
604639	27934	3"W x 24"L	80	1	\$2.79	\$2.49
604572	27933	3"W x 24"L	100	1	\$2.64	\$2.38
604505	27932	3"W x 24"L	120	1	\$2.64	\$2.38
605514	27947	4"W x 24"L	40	1	\$5.00	\$4.50
605512	27946	4"W x 24"L	50	1	\$4.81	\$4.33
605510	27945	4"W x 24"L	60	1	\$4.66	\$4.19
605442	27944	4"W x 24"L	80	1	\$4.41	\$3.70
605376	27943	4"W x 24"L	100	1	\$4.25	\$3.82
605309	27942	4"W x 24"L	120	1	\$4.25	\$3.82
604525	27962	4"W x 36"L	40	1	\$8.26	
604522	27961	4"W x 36"L	50	1	\$7.68	
604524	27960	4"W x 36"L	60	1	\$7.66	
604521	27959	4"W x 36"L	80	1	\$7.25	
604523	27958	4"W x 36"L	100	1	\$7.11	

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
604520	27957	4"W x 36"L	120	1	\$7.11	
606438	27987	6"W x 48"L	36	1	\$12.80	\$11.50
606437	27986	6"W x 48"L	40	1	\$12.20	\$11.00
606385	27985	6"W x 48"L	50	1	\$11.70	\$10.50
606380	27984	6"W x 48"L	60	1	\$11.20	\$10.10
606371	27983	6"W x 48"L	80	1	\$10.80	\$9.72
606314	27982	6"W x 48"L	100	1	\$10.40	\$9.36
606305	27981	6"W x 48"L	120	1	\$10.40	\$9.36
608533	60059	6"W x 89"L	40	1	\$21.40	
608532	60061	6"W x 89"L	60	1	\$24.80	
608528	60062	6"W x 89"L	80	1	\$23.70	
608531	60063	6"W x 89"L	100	1	\$22.80	
608529	60064	6"W x 89"L	120	1	\$22.80	
608536	60081	6"W x 108"L	60	1	\$26.10	
608526	60082	6"W x 108"L	80	1	\$24.90	
608537	60083	6"W x 108"L	100	1	\$23.80	
608527	60084	6"W x 108"L	120	1	\$23.80	
608320	46737	9"W x 138"L	150	1	\$61.00	
608321	49196	9"W x 138"L	80	1	\$63.00	
608602	60331	25"W x 60"L	60	1	\$64.80	
608603	60332	25"W x 60"L	80	1	\$59.70	
608604	60333	25"W x 60"L	100	1	\$56.30	
608605	60334	25"W x 60"L	120	1	\$56.30	
608607	60336	25"W x 60"L	180	1	\$56.30	
608589	60351	25"W x 75"L	60	1	\$74.90	
608590	60352	25"W x 75"L	80	1	\$69.10	
608591	60353	25"W x 75"L	100	1	\$65.20	
608592	60354	25"W x 75"L	120	1	\$65.20	
608610	60498	37"W x 60"L	36	1	\$73.00	
608614	60501	37"W x 60"L	60	1	\$59.20	
608616	60502	37"W x 60"L	80	1	\$54.60	
608618	60503	37"W x 60"L	100	1	\$51.50	
608620	60504	37"W x 60"L	120	1	\$51.50	
608622	60506	37"W x 60"L	180	1	\$51.50	
608594	60521	37"W x 75"L	60	1	\$74.20	
608595	60522	37"W x 75"L	80	1	\$68.40	
608596	60523	37"W x 75"L	100	1	\$64.40	
608597	60524	37"W x 75"L	120	1	\$64.40	

Porter-Cable Aluminum Oxide Abrasive Open Coat Belt

PORTER+CABLE Aluminum oxide abrasive belts, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
636500	712400605	2-1/2"W x 14"L	60	5	\$10.20
636501	712400805	2-1/2"W x 14"L	80	5	\$10.20
636502	712401005	2-1/2"W x 14"L	100	5	\$10.20
636503	712401205	2-1/2"W x 14"L	120	5	\$10.20

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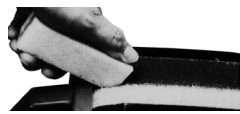
Kevin Luft ext. 3105
kluft@midwesttechnology.com



3X High Performance Sanding Belts

NORTON Zirconia alumina self-sharpening abrasive belts. Reduced loading. Runs in both directions.

Stk.	Mfr.	Size	Grit	Qty.	Price
601300	03995	3"W x 21"L	50	1	\$4.71
605983	49265	3"W x 21"L	50	5	\$17.30
601301	03996	3"W x 21"L	80	1	\$4.34
605982	49264	3"W x 21"L	80	5	\$16.00
601302	03997	3"W x 21"L	120	1	\$4.19
605980	49262	3"W x 21"L	120	5	\$15.60
601303	03999	3"W x 24"L	50	1	\$5.03
605988	49271	3"W x 24"L	50	5	\$17.80
601304	04000	3"W x 24"L	80	1	\$4.65
605987	49270	3"W x 24"L	80	5	\$17.20
601305	04001	3"W x 24"L	120	1	\$4.47
605985	49268	3"W x 24"L	120	5	\$16.70
601306	04003	4"W x 24"L	50	1	\$7.85
605993	49277	4"W x 24"L	50	5	\$28.80
601307	04004	4"W x 24"L	80	1	\$7.11
605992	49276	4"W x 24"L	80	5	\$27.00
601308	04005	4"W x 24"L	120	1	\$6.90
605990	49274	4"W x 24"L	120	5	\$26.20



Belt & Disc Cleaner

Woodstock Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt & disc sanders.

Stk.	Mfr.	Size	Price
786800	W1305	1-3/8" x 1-3/8" x 8-1/2"	\$9.32
786802	W1307	2" x 2" x 12"	\$18.00

Wide Belt & Drum Cleaner

Woodstock Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
786900	D3003	15" x 20" x 1-1/8"	\$107.00

STEEL WOOL



Steel Wool

Rhodes An all-natural and environmentally friendly product. Steel wool is the appropriate abrasive for use with all solvent-based products as well as water-based refinishes and strippers. Its flexible nature, exceptional abrasive qualities, and cost benefits allow steel wool to far outperform synthetic alternatives.

Stk.	Mfr.	Description	Qty.	Price
978010	10120000	#4/0 Super Fine	12	\$4.23
978011	10121000	#3/0 Extra Fine	12	\$4.13
978012	10121100	#2/0 Very Fine	12	\$3.63
978013	10121110	#1/0 Fine	12	\$3.50
978014	10121111	#1 Medium	12	\$3.47
978015	10121112	#2 Medium Coarse	12	\$3.24
978016	10121113	#3 Coarse	12	\$3.24



Synthetic Steel Wool

3M Unlike regular steel wool, these pads won't rust or splinter. Simply rinse and reuse.

Stk.	Mfr.	Description	Size	Qty.	Price
942891	10118	#000 Extra Fine	2" x 4"	6	\$4.62
942890	10120	#0 Fine	2" x 4"	6	\$4.62
942892	10116	#2 Medium	2" x 4"	6	\$4.62
942893	10115	#3 Coarse	2" x 4"	6	\$4.62

SHARPENING STONES



Tool & Knife Sharpening System

NORTON The compact, self-contained 3-stone system is optimized for general sharpening of woodworking tools, cutlery and small knives. The base is an oil reservoir permitting continuous submersion of the 2 unused stones keeping them cleaned and saturated. Rotate the handle

to expose 1 of the 3 mounted stones. Coarse Crystolon restores worn edges, medium India stone produces an average edge and the fine India stone hones for sharper edge. Sharpening stone is factory pre-filled with lubricating oil, making it easy for 3-4 drops of stone oil (sold separately) to float away particles of steel.

Includes multi-stone (coarse, medium & fine, ea. 1.5" x 2" x 6") w/holding assembly, reservoir base, Norton sharpening oil (4-1/2 oz.) & instructions.

Stk.	Mfr.	Price
608645	85356	\$86.80

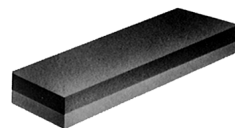


Multi-Oilstone Sharpening System

NORTON An 11.5"L stone with coarse, medium and fine grits permits long sweeping strokes for faster, more precise sharpening and honing of all large, wider straight-edge tools. Use the system by pouring oil into the reservoir and turning the stone holding assembly so that the sharpening stone is submerged in oil. As progressing from grit to grit, the oiled stone is ready for use. Coarse Crystolon restores worn edges, medium Crystolon produces an average edge and the fine India stone hones for sharper edge. Sharpening stone is factory pre-filled with lubricating oil, making it easy for 3-4 drops of stone oil (sold separately) to float away particles of steel.

Includes multi-stone (coarse, medium & fine, ea. 1.5" x 2.5" x .5") w/holding assembly, reservoir unit, wedge guide, 16 oz. Norton sharpening oil, instructions & cover.

Stk.	Mfr.	Price
608810	85960	\$214.00



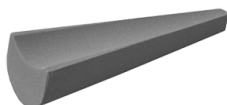
India Oil Stones

NORTON Aluminum oxide stone for producing sharp edges on chisels, edge tools and plane blades, plus for cleaning, deburring. Coarse/fine combination bench stone.

Stk.	Mfr.	Size	Price
608787	85560	2" x 1" x 6"	\$24.40
608854	85565	2" x 1" x 8"	\$28.90

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Lathe Gouge Stone

NORTON Special shape to hone the inside of gouges and touch up the outside. Sharpening groove 1/2" to 3/8".

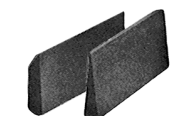
Stk.	Mfr.	Size	Price
609323	87305	2" x 1" x 6"L	\$31.80



Slip Stones

NORTON Oil-filled stone with a round edge.

Stk.	Mfr.	Item	Size	Price
608921	87090	Fine Grit	4-1/2" x 1-3/4" x 3/16"	\$14.60
608988	87095	Medium Grit	4-1/2" x 1-3/4" x 3/16"	\$14.60



India Carving Tool Slips

NORTON

609122 609256

Stk.	Mfr.	Size	Price
609122	87220	2-1/4" x 7/8" x 3/16"	\$11.00
609256	87230	2-1/4" x 7/8" x 3/16"	\$11.00



Sharpening Stone Oil

NORTON For use with all sharpening stones to help reduce particle build-up on the stone surface.

Stk.	Mfr.	Size	Price
609457	87760	4-1/2 oz.	\$6.94
609524	87775	1 qt.	\$19.50

WOOD FILLERS



Carpenter's Interior Wood Filler Tube

Elmer's For filling holes and repairing gouges. Dries to a hard durable surface in 12-24 hrs. Sands easily to a smooth finish. Resists shrinking and cracking. Easy water clean-up. Solvent free.

Stk.	Mfr.	Color	Size	Price
258018	E855	White	3.25 oz.	\$3.06
258019	E859	Walnut	3.25 oz.	\$3.06
258020	E860	Red oak	3.25 oz.	\$3.06
258021	E861	Golden Oak	3.25 oz.	\$3.06
258022	E864	Mahogany	3.25 oz.	\$3.06
258023	E868	Natural	3.25 oz.	\$3.06



Carpenter's Interior Wood Filler

Elmer's Paintable wood filler. Can be sanded, drilled, nailed and screwed. Easy to apply and easy water cleanup. Dries to a hard durable surface.

Stk.	Mfr.	Size	Price
258010	E847	4 oz.	\$3.06
258011	E848	8 oz.	\$4.54
258012	E849	16 oz.	\$6.50
258008	E842L	32 oz.	\$8.27



Color Change Interior Wood Filler

Elmer's Wood filler goes on pink and dries natural or white when ready to paint, stain or sand. Fix holes, dents, scratches, gouges and any other defects on interior wood surfaces. Non-toxic.

Stk.	Mfr.	Color	Size	Price
257355	E913	Natural	8 oz.	\$5.40
257356	E914	Natural	16 oz.	\$8.16
257357	E916	White	8 oz.	\$5.40
257358	E917	White	16 oz.	\$8.16



Interior/Exterior Wood Patch

Zar Latex compound fills nail holes, repairs cracks, gouges, broken corners and chipped edges on wood surfaces. Accepts stain better than conventional wood patching compounds. Neutral color.

Stk.	Mfr.	Size	Price
942960	30904	4 oz.	\$4.50
942961	30906	8 oz.	\$6.96
942962	30911	16 oz.	\$10.20



Interior/Exterior Wood Filler

Minwax Designed to repair split, damaged or rotted wood. Weather, water and rot resistant. Can be planed, sanded, carved, drilled, screwed, nailed, stained or painted.

Stk.	Mfr.	Size	Price
793265	21600	12 oz.	\$16.80



High Performance Wood Filler

Minwax Latex-based wood filler for indoor and outdoor surfaces. Stainable, paintable, fast drying, resists shrinking and cracking. Can be sanded or drilled once dry. Applicator tube.

Stk.	Mfr.	Size	Price
793261	42851	1 oz.	\$5.39
793262	42852	6 oz.	\$9.05
793263	42853	16 oz.	\$12.10



Stainable Wood Filler

Elmer's For interior and exterior use. Ideal for repairing holes, dents, scratches and defects on wood, wallboard, molding or painted surfaces. Ceramic microspheres make this premium wood filler easy to sand and eliminate shrinkage.

Stk.	Mfr.	Size	Price
258030	E891	16 oz.	\$8.71
258031	E892	32 oz.	\$11.10

CAN'T FIND IT?

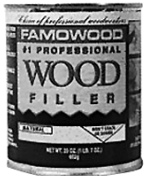
Call us at 800-831-5904.



Wood Putty®

Minwax Non-hardening, pre-mixed putty that repairs small holes and covers other minor imperfections in painted, bare, stained and finished wood. No sanding preparation necessary. Easy cleanup with soap & water.

Stk.	Mfr.	Color	Size	Price
793110	13610	Natural Pine	3.75 oz.	\$4.40
793111	13611	Golden Oak	3.75 oz.	\$4.40
793112	13612	Colonial Maple	3.75 oz.	\$4.40
793113	13613	Red Mahogany	3.75 oz.	\$4.40
793114	13614	Early American	3.75 oz.	\$4.40
793115	13615	Cherry	3.75 oz.	\$4.40
793116	13617	Walnut	3.75 oz.	\$4.40



Professional Solvent-based Wood Filler

Famowood Solvent-based filler spreads evenly and smoothly, filling any void in the wood with no noticeable shrinkage. Meets Federal Spec TT-F-340C.

Stk.	Mfr.	Size	Color	Price
942650	36141130	6 oz.	Pine	\$5.46
942651	36141124	6 oz.	Maple	\$5.46
942652	36141148	6 oz.	White Pine	\$5.46
942653	36141106	6 oz.	Birch	\$5.46
942654	36141134	6 oz.	Red Oak	\$5.46
942655	36141128	6 oz.	Oak	\$5.46
942656	36141102	6 oz.	Ash	\$5.46
942657	36141122	6 oz.	Mahogany	\$5.46
942658	36141142	6 oz.	Walnut	\$5.46
942659	36141126	6 oz.	Natural	\$5.46



Plastic Wood

Dap Repairs even large holes, cracks, gouges and scratches. Ideal for interior and exterior use. Meets Federal Spec TT-F-340C.

Stk.	Mfr.	Size	Color	Price
942880	21400	1/4 lb.	Light Oak	\$5.02
942881	21404	1/4 lb.	Pine	\$5.02
942882	21408	1/4 lb.	Golden Oak	\$5.02
942885	21434	1/4 lb.	Walnut	\$5.02
942886	21502	1/4 lb.	Natural	\$5.02



Blend Sticks®

Dap Quick, easy way to repair nail holes, scratches and minor blemishes in finished wood surfaces. The sticks can be used individually or combined to match any wood tone. Easy-to-use unique teardrop shape. Ideal for wood and simulated wood surfaces like paneling, woodwork, molding, furniture and cabinetry. Won't shrink, stain or discolor. Interior use.

Stk.	Mfr.	Color	Qty.	Price
943252	04083	Redwoods	4/pkg.	\$5.18
943253	04080	Light Woods	4/pkg.	\$5.18
943254	04085	Dark Woods	4/pkg.	\$4.45

3 Color Set Includes 1 of each above.

Stk.	Mfr.	Color	Qty.	Price
543765	DBS3		12/pkg.	\$12.00



Blend-Fil® Pencils

Minwax For touch-up and repair of shallow scratches in furniture, antiques, woodwork, cabinets, doors, paneling, accessories and more. Quick, easy no-mess application. Available in a variety of colors to match most wood stains and can be mixed to create intermediate colors.

Stk.	Mfr.	Color	Price
793351	2	Natural Pine, Oak, Driftwood, Bleached Woods	\$3.90
793352	3	Golden, Pecan, Puritan Pine, Fruitwood, Golden Oak	\$3.90
793353	4	Frosted Colors, Pickled Oak	\$3.90
793354	5	Colonial Maple, Ipswich Pine, Sedona Red, Cherry	\$3.90
793355	6	Early American, Special Walnut, English Chestnut, Provincial	\$3.90
793356	7	Red Mahogany, Red Oak, Cherry	\$3.90
793357	8	Ebony, Walnut, Jacobean	\$3.90

7-Piece Includes 1 of each pencil above.

543763	BF7		\$24.00
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Water Putty

Durham Easy-to-use, nonshrinking putty for filling imperfections in wood. It sticks and stays put. Use it to repair furniture, patch plaster, fill knot holes, mold strong figurines and more.

Stk.	Mfr.	Size	Price
316139	168	1 lb.	\$2.83
316140	169	4 lb.	\$9.02

WOOD CONDITIONERS



Pre-Stain Wood Conditioner

Minwax Allows even stain penetration on softwoods like pine, fir and spruce. Wood may be stained immediately after application of clear conditioner.

Stk.	Mfr.	Size	Price
788892	61500	1 Qt.	\$14.50



Water-based Pre-Stain Wood Conditioner

Minwax Pre-treats and seals wood for even penetration of Minwax Water-based Wood Stains. Low, odor, fast drying, soap and water cleanup.

Stk.	Mfr.	Size	Price
793273	61851	1 Qt.	\$18.10

WAX



Paste Wax

SC Johnson Lustrous, oil-free, dust and water-resistant coating for floors, metal, leather, Formica, cork.

Stk.	Mfr.	Size	Price
440000	00203	1 lb.	\$11.90



Paste Finishing Wax

Minwax All-purpose finishing wax. Made for light woods.

Stk.	Mfr.	Size	Price
793255	78500	1 lb.	\$10.80



Clear Paste Wax

Trewax Restores the original satin brilliance of hardwood floors. Natural Brazilian Carnauba wax provides a hard, long wearing finish. Slip-resistant wax for all fine wood furniture and floors, plus marble surfaces.

Stk.	Mfr.	Size	Price
942738	01016	1 lb.	\$14.10

Beeswax

Dadant Use to prevent burning on lathe projects by coating the lathe cup center thoroughly. Also used for coating wood screw threads for easier driving.

Stk.	Mfr.	Item	Qty.	Price
314901	W00203	Plug	1 oz.	\$1.30
314900	W00202	Block	1 lb.	\$17.90

SANDING SEALERS



Professional Formula Sanding Sealer

Minwax Clear sealer formulated for bare wood. Seals wood grain. Sands smooth. Can be topcoated with any Minwax oil or water-based polyurethane finish. Covers approximately 125 sq. ft. per quart. Dries in 1 hour. Soap and water cleanup.

Stk.	Mfr.	Size	Price
793218	65700	Qt.	\$22.40



Enduro Sanding Sealer

General Finishes Dries tack free in 10-20 min. Clear undercoat forms an easily sandable foundation. High solids content builds a fast film. Brush or spray. Earth-friendly with water cleanup.

Stk.	Mfr.	Size	Price
420278	WATER	Qt.	\$30.00
420279	WATER	Gal.	\$74.90

THINNERS & ADDITIVES



Linseed Oil

Sunnyside Boiled oil improves flow and allows easier paint brushing. Produces a higher gloss and more durable paint film when added to oil base paints.

Stk.	Mfr.	Size	Price
942999	87232	Qt.	\$11.60
943000	872G1	Gal.	\$35.40



Paint Thinner

Sunnyside Low odor, 100% mineral spirits. For thinning oil base paints and enamels.

Stk.	Mfr.	Size	Price
943002	70432	Qt.	\$7.56
943001	701G1	Gal.	\$13.10



Green Envy Paint Thinner

Sunnyside Earth-friendly, low-VOC (under 20 g/L), water-based formula. Effectively thins paints, degreases, cleans brushes and surfaces. Safer and less flammable than regular thinners.

Stk.	Mfr.	Size	Price
943267	730G1	Gal.	\$14.40

OIL-BASED FINISHES



Wood Finish™ Wood Stain

Minwax Oil-base stain penetrates to color and enhance the beauty of wood. Stains in one easy step. Does not raise the grain.

Stk.	Mfr.	Color	Size	Price
793152	209-Q	Natural	Qt.	\$16.70
793158	211-Q	Provincial	Qt.	\$16.70
793160	215-Q	Red Oak	Qt.	\$16.70
793162	218-Q	Puritan Pine	Qt.	\$16.70
793164	221-Q	Ipswich Pine	Qt.	\$16.70
793166	222-Q	Sedona Redwood	Qt.	\$16.70
793168	223-Q	Colonial Maple	Qt.	\$16.70
793174	224-Q	Special Walnut	Qt.	\$16.70
793181	225-Q	Red Mahogany	Qt.	\$16.70
793188	230-Q	Early American	Qt.	\$16.70
793190	233-Q	English Chestnut	Qt.	\$16.70
793194	235-Q	Cherry	Qt.	\$16.70
793204	241-Q	Fruitwood	Qt.	\$16.70
793209	245-Q	Golden Pecan	Qt.	\$16.70
793156	210B-Q	Golden Oak	Qt.	\$16.70
793224	2126-Q	Driftwood	Qt.	\$16.70
793232	2716-Q	Dark Walnut	Qt.	\$16.70
793243	2750-Q	Jacobean	Qt.	\$16.70
793185	231-Q	Gun Stock	Qt.	\$16.70
793150	209-G	Natural	Gal.	\$46.00
793157	211-G	Provincial	Gal.	\$46.00
793165	223-G	Colonial Maple	Gal.	\$46.00
793159	218-G	Puritan Pine	Gal.	\$46.00
793163	221-G	Ipswich Pine	Gal.	\$46.00
793161	215-G	Red Oak	Gal.	\$46.00
793171	224-G	Special Walnut	Gal.	\$46.00
793178	225-G	Red Mahogany	Gal.	\$46.00
793184	230-G	Early American	Gal.	\$46.00
793191	235-G	Cherry	Gal.	\$46.00
793208	245-G	Golden Pecan	Gal.	\$46.00
793154	210B-G	Golden Oak	Gal.	\$46.00
793230	2716-G	Dark Walnut	Gal.	\$46.00
793186	231-G	Gun Stock	Gal.	\$46.00
793198	241-G	Fruitwood	Gal.	\$46.00



Wood Finish™ Marker

Minwax Oil-based markers contain stains for touchups and repair of wood furniture, cabinets, doors, molding and floors. Also stains and details small hobby and woodcraft projects. Dries immediately, mineral spirit or paint thinner cleanup.

Stk.	Mfr.	Color	Size	Price
793210	63481	Golden Oak, English Chestnut, Puritan Pine, Natural	1/3 oz.	\$7.11
793211	63482	Driftwood, Special Walnut	1/3 oz.	\$7.11
793212	63483	Red Oak	1/3 oz.	\$7.11
793213	63484	Red Mahogany	1/3 oz.	\$7.11
793214	63485	Fruitwood	1/3 oz.	\$7.11
793215	63486	Ipswich Pine, Colonial Maple, Golden Pecan, Gunstock, Sedona Red	1/3 oz.	\$7.11
793216	63487	Jacobean	1/3 oz.	\$7.11
793217	63490	Ebony	1/3 oz.	\$7.11



Danish Oil Stain & Finish

Watco Deep penetrating oil and resin sealer-finish for fine furniture, panels, cabinets, doors, trim, and all interior work. Use on new wood or old wood after old finish has been completely removed. Good on both hardwoods and softwoods. Polymerizing chemical formula completely and deeply penetrates, then changes from a liquid into a permanent solid inside the wood, not on the surface. When fully cured and hardened for at least 30 days, it becomes inert and nontoxic and can be used on chop block tables, salad bowls, etc. Will not gum out, chip or peel in warm temps.

Stk.	Mfr.	Color	Size	Price
964474	65741	Natural	Qt.	\$15.80
963268	65241	Cherry	Qt.	\$15.80
964072	65141	Golden Oak	Qt.	\$15.80
963469	65841	Dark Walnut	Qt.	\$15.80
964273	65941	Medium Walnut	Qt.	\$15.80
963544	65541	Light Walnut	Qt.	\$15.80
963067	65341	Black Walnut	Qt.	\$15.80
963871	65441	Fruitwood	Qt.	\$15.80
964541	65731	Natural	Gal.	\$43.40
963335	65231	Cherry	Gal.	\$43.40
964139	65131	Golden Oak	Gal.	\$43.40
963536	65831	Dark Walnut	Gal.	\$43.40
964340	65931	Medium Walnut	Gal.	\$43.40
963546	65531	Light Walnut	Gal.	\$43.40
963060	65331	Black Walnut	Gal.	\$43.40



Wood Stains

General Finishes Made from the highest quality oils, resins and pigments for a beautiful finish that's easy to achieve. Formerly known as Seal-A-Cell, the penetrating wood sealer and stain protects while revealing and accenting the grain, color and character of the wood. Will not chip, crack, craze or yellow and resists staining and spotting.

Stk.	Mfr.	Color	Size	Price
420280	CLEAR	Seal-A-Cell Clear	Qt.	\$26.80
420283	CHERRY	Warm Cherry	Qt.	\$25.70
420302	SPICED WALNUT	Spiced Walnut	Qt.	\$25.70
420300	LIGHT OAK	Light Oak	Qt.	\$25.70
420292	PECAN	Pecan	Qt.	\$25.70
420298	ANTIQUE	Antique Cherry	Qt.	\$25.70
420281	MAHOGANY	Mahogany	Qt.	\$25.70
420310	CLEAR	Seal-A-Cell Clear	Gal.	\$70.60
420313	CHERRY	Warm Cherry	Gal.	\$68.40
420303	SPICED WALNUT	Spiced Walnut	Gal.	\$68.40
420301	LIGHT OAK	Light Oak	Gal.	\$68.40
420299	ANTIQUE	Antique Cherry	Gal.	\$68.40
420322	PECAN	Pecan	Gal.	\$68.40
420314	RED MAHOGANY	Mahogany	Gal.	\$68.40



Tung Oil

Formby's High-quality finish made from a balanced blend of tung oil and other fine penetrating oils. Unlike ordinary varnishes, lacquers and shellacs, this finish penetrates wood, enhancing the wood's natural patina while providing durable protection from the inside out.

Stk.	Mfr.	Size	Price
793250	30063	Pt.	\$13.70
793252	30100	Qt.	\$20.70



Butcher Block Oil & Finish

Watco Specially-formulated, food-safe oil is FDA approved for application on butcher blocks, wooden bowls and more. Easy, wipe-on application. Highly-durable, rich-sheen finish enhances and protects.

Stk.	Mfr.	Size	Price
963600	241758	Pt.	\$18.10



Butcher Block Oil Finish

General Finishes Preferred method to maintain butcher blocks or any other surface that comes in contact with food such as salad bowls, cutting boards and wooden utensils. Made from FDA approved mineral oil.

Stk.	Mfr.	Size	Price
420354	BBO-PT	Pt.	\$15.70



Mineral Oil

Aaron Preserves wood and prevents cracking and warping. Restores natural oils and beauty to any wood surface.

Stk.	Mfr.	Size	Price
943007	60061	Pt.	\$6.82



Antique Oil Finish

Minwax Provides a hard finish with satin-soft luster. Resists heat and stains. Natural color finish.

Stk.	Mfr.	Size	Price
793142	47000	Pt.	\$12.90
793144	67000	Qt.	\$17.50



Salad Bowl Finish

General Finishes Nontoxic and food safe when dry. Oil-based finish is highly resistant to water, food stains.

Stk.	Mfr.	Size	Price
420350	SBF-PT	Pt.	\$18.20
420352	SBF-QT	Qt.	\$26.80

POLYURETHANE



Arm-R-Seal Oil & Urethane Topcoat

General Finishes Highest quality urethane resin for extremely durable, wear resistant protection. Great for salad bowls, cabinets, hardwood floors, etc. Apply with a cloth or foam brush for a smooth, drip-free finish. Penetrates for deep down protection and a natural look. May be applied over oil or stains.

Stk.	Mfr.	Finish	Size	Price
420250	GLOSS	Gloss	Qt.	\$26.80
420220	SEMI-GLOSS	Semi-Gloss	Qt.	\$26.80
420248	SATIN	Satin	Qt.	\$26.80
420252	GLOSS	Gloss	Gal.	\$70.60
420219	SEMI-GLOSS	Semi-Gloss	Gal.	\$70.60
420251	SATIN	Satin	Gal.	\$70.60



Clear Finish Polyurethane

Deft Clear, liquid plastic coating for maximum interior and exterior durability. Specify satin or gloss. May be mixed to change sheen. Nonflammable.

Stk.	Mfr.	Finish	Size	Price
319407	020-13	Gloss	11.5 oz. Spray	\$12.10
319608	025-13	Satin	11.5 oz. Spray	\$12.10
319474	020-04	Gloss	Qt.	\$23.20
319675	025-04	Satin	Qt.	\$23.40
319541	020-01	Gloss	Gal.	\$62.90
319742	025-01	Satin	Gal.	\$62.90



Helmsman® Spar Urethane

Minwax Clear finish is specially formulated for exterior and interior wood. Contains UV blockers to reduce graying and fading. Protects against rain and moisture. Expands and contracts with wood as temperature changes.

Not recommended for use on floors.

Stk.	Mfr.	Finish	Size	Price
793135	63200	Gloss	Qt.	\$23.90
793136	63210	Semi-Gloss	Qt.	\$23.90
793137	13200	Gloss	Gal.	\$69.30
793138	13210	Semi-Gloss	Gal.	\$69.30



Fast-Drying Polyurethane

Minwax Provides a tough, clear, self-leveling finish to all interior wood surfaces. Durable finish resists dirt, spills, marring and scuffing.

Stk.	Mfr.	Finish	Size	Price
788894	63000	Gloss	Qt.	\$20.90
788896	63005	Semi-gloss	Qt.	\$20.90
788897	63010	Satin	Qt.	\$20.90
788895	71030	Gloss	Gal.	\$62.50
788899	71029	Semi-Gloss	Gal.	\$62.50
788898	71028	Satin	Gal.	\$62.50



Fast-Drying Polyurethane Spray

Minwax Fast drying, durable clear finish for interior wood surfaces. Convenient spray formula for hard-to-reach areas. Cleans up with mineral spirits.

Stk.	Mfr.	Finish	Size	Price
793246	33050	Gloss	11.5 oz.	\$11.50
793247	33055	Semi-Gloss	11.5 oz.	\$11.50
793248	33060	Satin	11.5 oz.	\$11.50

WATER-BASED FINISHES



WoodSheen® Water-based Rubbing Stain & Finish

Minwax Achieves a beautiful color and classic, hand-rubbed finish for interior wood surfaces in minutes. Apply, wipe away excess, dry 1 hr. and you're done. Water-based, low odor and fast drying. Soap and water cleanup.

Stk.	Mfr.	Color	Size	Price
793120	30405	Natural	12 oz.	\$11.00
793121	30414	Manor Oak	12 oz.	\$11.00
793122	30419	Windsor Oak	12 oz.	\$11.00
793123	30438	Plantation Walnut	12 oz.	\$11.00
793124	30443	Colonial Walnut	12 oz.	\$11.00
793125	30451	Rosewood	12 oz.	\$11.00



Water-based Wood Stain

General Finishes Earth-friendly water-based wood stains are designed for easy application, fast dry, and easy cleanup. Resin is added to lock in colors and produce a clearer look.

When staining pine, use Natural as a pre-stain sealer to prevent blotching.

Stk.	Mfr.	Color	Size	Price
420253	EF	Natural	Qt.	\$22.50
420330	EF	Golden Oak	Qt.	\$22.50
420331	EF	Brown Mahogany	Qt.	\$22.50
420332	EF	Shaker Maple	Qt.	\$22.50
420336	EF	Espresso	Qt.	\$22.50
420334	EF	Walnut	Qt.	\$22.50
420335	EF	Antique Cherry	Qt.	\$22.50
420337	EF	Early American	Qt.	\$22.50
420338	EF	Antique Oak	Qt.	\$22.50
420339	EF	Country Pine	Qt.	\$22.50
420340	EF	Pecan	Qt.	\$22.50



High-performance Polyurethane

General Finishes Hard, durable water-based polyurethane that's even suitable for floors. UV stabilizer protects wood and underlying stain from sunlight damage.

Stk.	Mfr.	Finish	Size	Price
420270	GLOSS	Gloss	Qt.	\$36.40
420269	SATIN	Satin	Qt.	\$36.40
420271	SATIN	Gloss	Gal.	\$98.40
420272	GLOSS	Satin	Gal.	\$98.40



Polycrylic® Water-based Finish

Minwax A hard, crystal-clear yellow-free, extra fast drying protective finish. Nonflammable, very little odor and cleans up with water. Finish resists damage from abrasion, scuffing, chipping, water, alcohol and other common household chemicals. Its great clarity finish makes it perfect for any wood surface, especially over light woods, or woods colored with pastel stains. Use Polycrylic on floors, furniture, trim, doors, cabinets, paneling, and any other wood surface.

Not recommended for use on Minwax Red Mahogany Stain.

Stk.	Mfr.	Finish	Size	Price
964879	35555	Gloss	11.5 oz. Spray	\$15.40
964878	34444	Semi-Gloss	11.5 oz. Spray	\$15.40
964877	33333	Satin	11.5 oz. Spray	\$13.10
964880	65555	Gloss	Qt.	\$28.80
964885	64444	Semi-Gloss	Qt.	\$28.80
964882	63333	Satin	Qt.	\$28.80
964881	15555	Gloss	Gal.	\$80.80
964884	14444	Semi-Gloss	Gal.	\$80.80
964883	13333	Satin	Gal.	\$80.80



Auqa-Zar Water-based Polyurethane

Zar Crystal clear, water-based polyurethane is non-yellowing. Protects and beautifies cabinets, furniture, paneling, woodwork and floors. Low odor, environmentally safe, VOC compliant.

Stk.	Mfr.	Finish	Size	Price
986750	32412	Gloss	Qt.	\$25.80
986755	32512	Satin	Qt.	\$25.80
986751	32413	Gloss	Gal.	\$78.70
986756	32513	Satin	Gal.	\$78.70



Water-based Polyurethane

Deft Provides excellent hardness, durability, UV protection and weather resistance. Offers exceptional sanding characteristics, self-priming and non-toxic when dry. Meets environmental regulations for VOC. Protects interior and exterior furniture, doors, floors, windows, window frames, and other hard use wooden areas. Easy application, low odor and water clean-up.

Stk.	Mfr.	Finish	Size	Price
319571	257-04	Gloss	Qt.	\$30.20
319573	258-04	Semi-Gloss	Qt.	\$30.20
319575	259-04	Satin	Qt.	\$30.20
319570	257-01	Gloss	Gal.	\$87.80
319572	258-01	Semi-Gloss	Gal.	\$87.80
319574	259-01	Satin	Gal.	\$87.00



Wipe-On Poly

Minwax High-quality, durable clear finish combines polyurethane protection with classic hand-rubbed beauty. Easy-application cloth wipe-on. Use on furniture, cabinets, woodwork, doors, railings and trim. 2-3 hr. recoat, 24-hr. dry time. Water cleanup. VOC compliant.

Stk.	Mfr.	Finish	Size	Price
793147	40916	Gloss	16 oz.	\$20.30
793148	40917	Satin	16 oz.	\$20.30

SHELLAC



Bulls Eye® Shellac

Zinsser All natural, hypo-allergenic, nontoxic finish that is safe for children's toys and furniture. Pre-stain sealer for pine and other softwoods. Can be used as a clear stain blocker and odor barrier. Dependable knot and sap sealer. May be tinted and used as a dark color interior paint primer. Fast drying, clear finish for interior wood floors, trim, doors, furniture, cabinets, arts and crafts, etc.

Stk.	Mfr.	Size	Price
943017	0408	12 oz.	\$12.00
943018	304H	Qt.	\$20.90

SPRAY FINISHES



Clear Wood Finish Spray Lacquer

Deft Quick-drying, clear lacquer sealer and finish. Alcohol and water resistant finish. Excellent for crafts, metals. Dries in 30 min. Can be recoated in 2 hrs. No sealer is necessary.

Stk.	Mfr.	Finish	Size	Price
319032	010-13	Gloss	12-1/4 oz.	\$11.90
319139	011-13	Semi-Gloss	12-1/4 oz.	\$11.90
319400	017-13	Satin	12-1/4 oz.	\$11.90



Premium Decor Spray Lacquer Paint

GPM Company Quick-drying with high gloss finish. Ideal for metal, wood, toys, furniture and handcrafts.

Contains no CFCs.

Stk.	Mfr.	Color	Size	Price
943098	PD1353-AER	Black	12 oz.	\$7.64
943099	PD1354-AER	White	12 oz.	\$7.64
943100	PD1355-AER	Clear	12 oz.	\$7.64



Premium Decor Fluorescent Spray Paint

GPM Company Bright, bold colors for a highly visible finish. Ideal for wood, metal, handcrafts, toys and other paintable interior and exterior surfaces.

Contains no CFCs.

Stk.	Mfr.	Color	Size	Price
943094	PDFL3-AER	Bright Yellow	11 oz.	\$8.04
943095	PDFL4-AER	Glo Green	11 oz.	\$8.04
943096	PDFL6-AER	Red/Orange	11 oz.	\$8.04
943097	PDFL7-AER	Electric Pink	11 oz.	\$8.04



Primer Spray Paint

Krylon Five-ball aerosol, all-purpose spray enamel. Drip and run-free sandable primer.

Contains no CFCs.

Stk.	Mfr.	Color	Size	Price
943148	51315	White	12 oz.	\$7.25
943149	51316	Black	12 oz.	\$7.25
943150	51318	Gray	12 oz.	\$7.40



Fast-drying Indoor/Outdoor Enamel Paint

Krylon Dry to touch in 10 min. or less (dry to handle 1 hr.). EZ Touch 360° dial spray tip. 5-ball aerosol offers exceptional durability, adhesion and smoothness. Use on wood, metal, wicker, wrought iron, glass, plaster, ceramic, fabric, paper and papier-mâché.

Contains no CFCs.

Gloss

Stk.	Mfr.	Color	Size	Price
943234	51501	White	12 oz.	\$7.25
943237	51601	Black	12 oz.	\$7.25
943232	51301	Clear	12 oz.	\$7.25
943236	51504	Ivory	12 oz.	\$7.25
943241	51806	Yellow	12 oz.	\$7.25
943239	51606	Pewter	12 oz.	\$7.25
943242	51910	Blue	12 oz.	\$7.25
943243	52411	Pumpkin Orange	12 oz.	\$7.25
943229	52001	Hunter Green	12 oz.	\$7.25
943230	52101	Cherry Red	12 oz.	\$7.25
943231	52501	Leather Brown	12 oz.	\$7.25
943333	51913	Purple	12 oz.	\$7.25

Semi-gloss

943228	51508	White	12 oz.	\$7.25
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Satin

943240	51613	Black	12 oz.	\$7.25
943233	51313	Clear	12 oz.	\$7.25

Flat

943235	51502	White	12 oz.	\$7.25
943238	51602	Black	12 oz.	\$7.25



Premium Decor Spray Enamel Paint

GPM Company Fast-drying paint inhibits rust. Use for all interior and exterior wood, metal, furniture, toys, crafts and other paintable surfaces.

Contains no CFCs.

Gloss

Stk.	Mfr.	Color	Size	Price
942980	PDS1-AER	White	12 oz.	\$4.90
942981	PDS2-AER	Black	12 oz.	\$4.90
942984	PDS7-AER	Clear Acrylic	12 oz.	\$4.90
942985	PDS16-AER	Almond	12 oz.	\$4.90
942996	PDS96-AER	Fiesta Red	12 oz.	\$4.90
943225	PDS24-AER	Banner Orange	12 oz.	\$4.90
942986	PDS30-AER	Royal Blue	12 oz.	\$4.90
943226	PDS31-AER	Harbor Blue	12 oz.	\$4.90
942987	PDS40-AER	Sunflower Yellow	12 oz.	\$4.90
942988	PDS50-AER	Hunter Green	12 oz.	\$4.90
942998	PDS52-AER	Meadow Green	12 oz.	\$4.90
942995	PDS60-AER	Leather Brown	12 oz.	\$4.90
942994	PDS71-AER	Pewter Gray	12 oz.	\$4.90
942997	PDS95-AER	Shutter Red	12 oz.	\$4.90
942990	PDS90-AER	Silver	12 oz.	\$6.18
942991	PDS91-AER	Gold	12 oz.	\$6.18
942992	PDS92-AER	Copper	12 oz.	\$6.18
943223	PDS94-AER	Chrome Metallic	12 oz.	\$6.18

Satin

943224	PDS151-AER	Resin Tan	12 oz.	\$4.90
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Flat

942982	PDS5-AER	White	12 oz.	\$4.90
942983	PDS6-AER	Black	12 oz.	\$4.90



Magnetic Paint

Alvin Creates a surface to which magnets will stick. Topcoat the gray primer finish with any paint color. Great for classrooms, workshops and more.

Stk.	Mfr.	Color	Size	Price
196042	3151	Gray Primer	13 oz.	\$13.30



Hammered Spray Paint

Rust-Oleum Applies a distinctive hammered look &/or hides flaws & imperfections found in scratched, rusted or pitted metals. Not recommended for use on galvanized metal.

Stk.	Mfr.	Color	Size	Price
963050	7217830	Bright Red	12 oz.	\$10.40
963051	7211830	Deep Green	12 oz.	\$10.40
963052	7215830	Black	12 oz.	\$10.40



Anti-Skid Epoxy Spray w/Grit

Goop Provides slip resistance anywhere firm footing is desired. Easy to use and covers up to 15 sq. ft. Lead, chemical, gas and oil resistant. Dries in 24 hours.

Contains no CFCs.

Stk.	Mfr.	Color	Size	Price
375960	5370020	Clear	11 oz.	\$14.70



Spray Paint Can Holder

Krylon Snaps on to any spray can for spray gun control & relief of finger fatigue.

Stk.	Mfr.	Price
943244	7099	\$6.70



Aerosol Can Rack

Durham Keeps aerosol cans organized. Made of prime cold rolled steel w/interlocking construction. Gray baked enamel.

Shown w/cans, sold separately.

Stk.	Mfr.	Capacity	Size	Price
345020	385-95	6 cans	21"W x 18"D x 27"H	\$23.80



Aerosol Can Bench Top Cabinet

Justrite Safe, easy aerosol can organization. Sturdy 18 ga. steel, welded double-wall construction with 1-1/2" insulating air space. Finished inside-&- out w/durable, lead-free, hybrid epoxy/polyester powder paint for chemical resistance. 24 ga. galvanized steel roll-out shelves with easy-glide plastic rollers and stop guard protection. 2 fixed-position holders have twelve 2-3/4" dia. openings, accept cans up to 10" tall, and remove for easy cleaning.

Size 21"W x 27"H x 18"D.

Shown w/cans, sold separately.

Stk.	Mfr.	Capacity	Shelves	Weight	Price
492289	890500	24 cans	2	62 lbs.	\$1,098.00

SUEDE-TEX



Suede-Tex Mini-Flocker

Donjer Spray fibers onto any adhesive-coated object using Mini-Flocker's cardboard tube applicator. Works on all shapes of object.

Shown w/Adhesive & Fibers, sold separately.

Stk.	Mfr.	Price
339010	935	\$5.07



Suede-Tex Spray Gun

Donjer With the squeeze of a trigger, students can quickly apply an even coat of flocking material. Use gun with an air compressor at 18 to 20 lbs. of air pressure.

Includes metal canister (qt).

Stk.	Mfr.	Price
339030	975	\$72.50

Suede-Tex Adhesives & Fibers

Donjer Simply coat any surface with color-coordinated Donjer Undercoat Adhesive, then apply matching Suede-Tex fibers for a suede-like, soft, durable finish with an even nap. The adhesive allows a generous working time to secure the fibers for a durable finish. An 8 oz. can of adhesive covers approx. 25 sq. ft., while a 16 oz. can covers 50 sq. ft.

Suede-Tex Fibers

Stk.	Mfr.	Color	Size	Price
293000	616-BRT RED	Bright Red	1 lb.	\$26.30
293004	616-CHARCOAL	Char. Gray	1 lb.	\$26.30
293014	616-BLUE	Blue	1 lb.	\$26.30
293024	616-ROYAL	Royal Purple	1 lb.	\$26.30
293028	616-NAVY	Navy Blue	1 lb.	\$26.30
293032	616-KELLY	Kelly Green	1 lb.	\$26.30
293040	616-WINE	Wine	1 lb.	\$26.30
293042	616-CARDINAL	Cardinal	1 lb.	\$26.30
293134	616-EMERALD	Emerald Green	1 lb.	\$26.30
293201	616-BROWN	Brown	1 lb.	\$26.30
293402	616-BLACK	Black	1 lb.	\$26.30

Suede-Tex Adhesives

Stk.	Mfr.	Color	Size	Price
339469	808-BRT RED	Bright Red	8 oz.	\$14.90
339137	808-CHARCOAL	Char. Gray	8 oz.	\$14.90
339147	808-BLUE	Blue	8 oz.	\$14.90
339159	808-ROYAL	Royal Purple	8 oz.	\$14.90
339165	808-NAVY	Navy Blue	8 oz.	\$14.90
339168	808-KELLY	Kelly Green	8 oz.	\$14.90
339177	808-WINE	Wine	8 oz.	\$14.90
339180	808-CARDINAL	Cardinal	8 oz.	\$14.90
339402	808-EMERALD	Emerald Green	8 oz.	\$14.90
339268	808-BROWN	Brown	8 oz.	\$14.90
339134	808-BLACK	Black	8 oz.	\$14.90
339938	816-BRT RED	Bright Red	16 oz.	\$25.20
339807	816-CHARCOAL	Char. Gray	16 oz.	\$25.20
339817	816-BLUE	Blue	16 oz.	\$25.20
339827	816-ROYAL	Royal Purple	16 oz.	\$25.20
339831	816-NAVY	Navy Blue	16 oz.	\$25.20
339835	816-KELLY	Kelly Green	16 oz.	\$25.20
339843	816-WINE	Wine	16 oz.	\$25.20
339845	816-CARDINAL	Cardinal	16 oz.	\$25.20
339871	816-EMERALD	Emerald Green	16 oz.	\$25.20
339737	816-BROWN	Brown	16 oz.	\$25.20
339603	816-BLACK	Black	16 oz.	\$25.20

GLOVES



Polyethylene Gloves

Ammex Gloves have heat-sealed seams and fit either hand. USDA accepted. 1.25 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198015	PGLOVE-S	Small	100	\$1.94
198016	PGLOVE-M	Medium	100	\$1.94
198017	PGLOVE-L	Large	100	\$1.94



Vinyl Gloves

Ammex Highly sensitive touch for painting, staining, electronics work, assembly and food handling. Ambidextrous design. 5 mil thick.

Stk.	Mfr.	Size	Qty.	Price
198000	IV42100-S	Small	100	\$5.88
198001	IV44100-M	Medium	100	\$5.88
198002	IV46100-L	Large	100	\$5.88
198003	IV48100-XL	X-Large	100	\$5.88



Latex Gloves

Ammex Seamless construction, rolled cuff, fits either hand. Extra stretch for best fit, highly sensitive touch. 10"L, 5 mil thick.

Caution: natural latex may cause allergic reactions in some individuals.

Powdered

Stk.	Mfr.	Size	Qty.	Price
198004	TL42100-S	Small	100	\$8.91
198005	TL44100-M	Medium	100	\$8.91
198006	TL46100-L	Large	100	\$8.91
198007	TL48100-XL	X-Large	100	\$8.91

Powder-Free

Stk.	Mfr.	Size	Qty.	Price
198008	TLF42100-S	Small	100	\$10.10
198009	TLF44100-M	Medium	100	\$10.10
198010	TLF46100-L	Large	100	\$10.10
198011	TLF48100-XL	X-Large	100	\$10.10



Latex-free Nitrile Gloves

Ammex Low-powder, blue synthetic rubber gloves protect from most solvents and oils, plus offer abrasion, cut and puncture protection. Ambidextrous, single use glove with beaded

cuff and micro-texture finish. 5 mil thick, 9.5"L.

Not for use w/ketones & some organic solvents.

Stk.	Mfr.	Size	Qty.	Price
198012	XN44100-M	Medium	100	\$11.40
198013	XN46100-L	Large	100	\$11.40
198014	XN48100-XL	X-Large	100	\$11.40



Magnetic Glove Dispenser

Lisle Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 & 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
503830	20130	\$27.10

CLEANING PRODUCTS



Brush-Wash™ Cleaner & Renewer

Krud Kutter Quickly clean and recondition synthetic paint brushes and rollers. Removes dried paint from most applicators. Biodegradable, water-based formula is safe, fast and effective on oil, latex and enamel paints, varnish, lacquer, shellac and polyurethane.

Stk.	Mfr.	Size	Price
889320	BW32	32 oz.	\$10.50
889315	BW01	Gal.	\$24.00



Absorbent

Oil-Dri Heavy-duty industrial oil absorbent, soaks up liquid spills from floors, provides traction on snow and ice.

Stk.	Mfr.	Size	Price
943283	101008	8 lbs.	\$13.20
942802	05080	50 lbs.	\$40.20



Kleen Sweep™

Akona Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
942859	1815	50 lbs.	\$42.10



Original Krud Kutter

Krud Kutter Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure wash-

ers and carpet cleaning machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889350	KK32	32 oz.	\$11.40
889345	KK01	1 Gal.	\$21.10



Biodegradable Degreaser

LiquiFix Non-staining, industrial-strength formula removes oil, grease and grime from multiple surfaces and machinery. Dissolves fats, tar, adhesives and stains. Safe for automotive finishes and leaves no residue. Made from renewable base oils. Miscible formula for easy water rinsing. Non-hazardous, contains no chlorinated solvents.

Stk.	Mfr.	Size	Price
502600	200116	16 oz.	\$11.70



Goo Gone Spray Gel

Homax Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
943266	GGHS12	12 oz.	\$9.00



Graffiti Remover

Krud Kutter Ultimate spray paint graffiti remover works on most hard, soft and porous surfaces. Removes acrylic, acrylic enamel, aerosol paint, enamel, high gloss, oil lacquers, primers, sealers, semi-gloss, Speed-E-Nameles, stain killers, super enamels, urethane and water-based enamels, plus permanent markers, ink, lipstick, crayon and shoe dye. Environmentally-friendly water-based, nontoxic, non-flammable, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889335	GR01	1 Gal.	\$34.00



Tough Task Remover

Krud Kutter Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889348	KR01	1 Gal.	\$21.90



Tough Task Citrus Remover

Krud Kutter Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
889343	KC32	32 oz.	\$11.60



Purple Cleaner Degreaser

Gunk Concentrated degreaser is powerful and fast-acting. Removes grease, oil, wax, tar & dirt. Use on cold engines, tires, concrete floors, vinyl siding, ovens, appliances and more.

Stk.	Mfr.	Size	Price
688109	CL32	32 oz.	\$6.51



Klein Kleeners Hand Cleaning Towels

Klein Pre-moistened hand towels clean like a pumice-based lotion, but without the messy, gritty residue. No rinsing or drying, just sink-free cleaning. Works on oils, tar, adhesives, asphalt, wax, graphite, grease, and more. Polyethylene bucket with a resealable dispenser prevents the towels from drying out if the closure is left open.

Includes 72 towels (9" x 12" each).

Stk.	Mfr.	Price
945317	51425	\$21.50



Powdered Hand Soap

Boraxo A mild abrasive that gets the dirt and grime out of hands. Box with pour spout.

Stk.	Mfr.	Size	Price
942816	02203	5 lb.	\$13.90



Instant Hand Sanitizer

Dial For fewer student sick days, use hand sanitizer to kill harmful germs. No soap, water or towels needed. Contains moisturizers and leaves no harmful residue. Dermatologist tested and hypoallergenic.

Stk.	Mfr.	Size	Price
943157	01219	7.5 oz.	\$4.37



Lava Bar Soap

Lava The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
618719	10085	5.75 oz.	1	\$2.98



Go-Jo® Hand Cleaners

Go-Jo A complete line of heavy to medium-duty hand cleaners. Effective on a wide range of soils. Specialized hand

cleaners are formulated for specific soil types.

Fine Italian Pumice Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar & oil.

Stk.	Mfr.	Size	Type	Price
968045	1135-06	4 lb.	Plastic Cartridge	\$18.80

Original Formula™ Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

Stk.	Mfr.	Size	Type	Price
968040	1115-06	4.5 lb.	Plastic Cartridge	\$17.20

Original Formula™ Hand Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

Stk.	Mfr.	Size	Type	Price
968050	1141-12	14 oz.	Plastic Cartridge	\$3.03

Creme-Style Dispenser For Fine Italian Pumice, Original Formula & Orange Smooth (also for 0905-06, 0915-06, 1075-06, 1095-06, 1144-06 & 1145-06).

Stk.	Mfr.	Size	Type	Price
968070	1204-01		Creme-style dispenser	\$24.00

Natural Orange™ Smooth Quick-acting lotion formula for cleaning industrial soils, medium dirt & grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
968015	0947-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968014	0945-04	1 gal.	Bottle w/Pump	\$15.50

Natural Orange™ Pumice Quick-acting lotion w/pumice scrubbing particles clean industrial soils, medium dirt & grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
968018	0957-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968017	0955-02	1 gal.	Bottle w/Pump	\$15.50



Tan Tack Cloth

TufPro Premium quality pre-finish duster cloth made of 100% cotton surgical cheesecloth. The medium-heavy tan tack is safe for all finishes. Use between coats when refinishing wood or metalworking projects.

Stk.	Mfr.	Size	Price
942868	10501	18" x 36"	\$1.82



Micro-Fiber Dry Tack Cloth

NORTON For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

Stk.	Mfr.	Size	Price
600509	06038	16" x 16"	\$5.70



Wiping Cloths

Kimberly-Clark Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
482779	05701	18 pkg/case	\$110.00



Shop Towel Roll

Scott Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
943312	32992	60 ct. roll	\$5.29



Mechanic's Shop Towels

Clean Rite 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
943303	3-542	25/pkg.	\$9.35



White Rags in a Box

Scott The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
942724	75240	85	\$8.43
942725	75260	200	\$19.00



Exact Cuts Shop Towels

Intex Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
942903	W-30005	30	\$18.70

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Contractor's Choice Shop Towels

Intex Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

Stk.	Mfr.	Size	Price
942901	6414-10	8 lb.	\$29.80



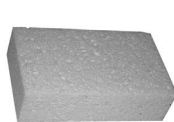
C-Fold Towels & Dispenser Kimberly-Clark

C-Fold Hand Towels White 1-ply, 175 sheets/pkg. 25 pkg./case

Stk.	Mfr.	Price
482783	01980	\$78.60

Dispenser Gray.

Stk.	Mfr.	Price
482782	09905	\$64.50



Commercial Sponge

3M Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
943246	7456-T	7.5"L x 4.4"W x 2"H	\$4.68

TAPE



Scotch-Blue™ Painter's Tape

3M Scotch Leaves no adhesive transfer or surface damage for up to 14 days, even in direct sunlight. Medium adhesion tape is ideal for painted walls, trim, woodwork, glass and metal.

Stk.	Mfr.	Width	Length	Price
590250	2090-18E	3/4"	60 yd.	\$5.18
590251	2090-24A	1"	60 yd.	\$6.90
590252	2090-48A	2"	60 yd.	\$12.70
590256	2090-72A	3"	60 yd.	\$16.90



Masking Tape

3M Tartan Economy grade for various uses.

Stk.	Mfr.	Width	Length	Price
590224	200	1/2"	60 yd.	\$2.48
590226	5142-18E	3/4"	60 yd.	\$1.91
590228	5142-24A	1"	60 yd.	\$2.52
590230	5142-36A	1-1/2"	60 yd.	\$3.78
590232	5142-48A	2"	60 yd.	\$5.06

Place your order on-line!
www.midwesttechnology.com

SCRAPERS & PUTTY KNIVES

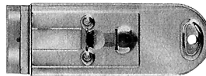


Utility & Window Blade Scraper

Stanley Quickly and easily scrape paint from windows, mirrors, tiles, and other flat surfaces with this uniquely designed polypropylene molded scraper.

Includes 1 blade.

Stk.	Mfr.	Length	Price
851900	28-593	7"	\$4.06



Razor Blade Paint Scraper

Stanley Remove paint, glue, putty or adhesives from glass, tile, walls, floors and more. Blade retracts for easy storage. Accepts standard single edge razor blades.

Includes 5 blades.

Stk.	Mfr.	Length	Price
851870	28-500	4"	\$3.29



Glass Scraper

Master Painter Steel safety glass scraper with retractable blade for light-duty scraping jobs.

Includes 5 blades.

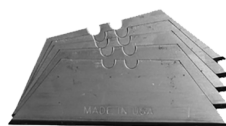
Stk.	Mfr.	Price
943162	GS	\$1.92



Heavy-duty Utility Knife & Scraper Blades

Master Mechanic Fits all .025 Retractable Utility Knives and Window Blade Scrapers.

Stk.	Mfr.	Qty.	Price
942848	704512	5	\$1.95
942850	704583	100	\$17.10



Utility Knife & Scraper Blades

Lutz Heavy-duty .025 gauge blade.

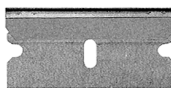
Stk.	Mfr.	Qty.	Price
511312	30092	5	\$1.06



Heavy-duty Utility Knife Blades

DEWALT Precision-ground geometry & induction-hardening gives a 35% sharper, 75% longer cutting edge. Heat-treated blades are 20% stronger. Fits all .025 knives & window scrapers.

Stk.	Mfr.	Qty.	Price
243408	DWHT11004	75	\$15.80



Single Edge Razor Blades

Master Mechanic Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
943279	741330	10	\$2.21
942846	521013	100	\$8.55

768840 768842 768843 Cabinet Scraper Blades



Two Cherries Steel scrapers ideal for refinishers.

Stk.	Mfr.	Size	Price
768840	520-5005	0.6mm Rectangle	\$7.94
768841	520-5010	0.8mm Rectangle	\$7.50
768842	520-5060	0.7mm Curved	\$9.64
768843	520-5070	0.7mm Gooseneck	\$12.30

3-Piece Set Includes 0.8mm rectangle, curved & gooseneck.

768844	520-5510		\$26.40
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Square Cabinet Scraper Set

Pax Made of high carbon Sheffield steel for applying smooth finishes to wood.

Includes 4"x 2", 5"x 2-1/2" & 6"x 3" rectangular scrapers.

Stk.	Mfr.	Price
193613	410026	\$23.80



Cabinet Scraper

Kunz Use for final cleaning and finishing of most hardwoods (especially cross-grained or curly-grained wood). Tough high-carbon steel

blade with a 90° edge angle. Body of fine, gray cast iron, with epoxy coating for durability. Finely ground 3-3/8"W base.

Stk.	Mfr.	Blade	Price
768856	580-2000	2-3/4"W	\$56.70

Replacement Blade

768857	580-2005	2-3/4"W	\$10.30
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Wood Handle Putty Knives

Stanley Steel blade is hardened, tempered and polished. Full tang blade permanently fastened to hardwood handle.

Stk.	Mfr.	Blade	Price
851880	28-540	1-1/4"W Flexible	\$6.24
851881	28-541	1-1/4"W Stiff	\$6.40
851883	28-543	3"W Stiff	\$9.73



Nylon Handle Steel Blade Putty Knives

Stanley Steel blade hardened, tempered and polished. Full tang blade permanently fastened to shatter-proof handle. Available with stiff blade or full flexible taper ground blade.

Stk.	Mfr.	Blade	Price
851519	28-140	1-1/4"W Stiff	\$6.84
851586	28-240	1-1/4"W Flexible	\$7.07



Polypropylene Handle Steel Blade Putty Knives

Master Painter Rust resistant spring steel blade for easy spreading. Polypropylene handle resists solvents of easy cleanup.

Stk.	Mfr.	Blade	Price
943295	10510	1-1/4"W Flexible	\$4.16
943293	182	1-1/4"W Flexible	\$2.24
943297	10512	3"W Flexible	\$5.11
943296	10511	1-1/4"W Stiff	\$4.16
943294	180	1-1/4"W Stiff	\$2.29
943298	10513	3"W Stiff	\$5.11



Polyethylene Handle Steel Blade Putty Knife

Marshalltown Heat-treated blade is hardened, tempered and annealed for even hardness. Full tang through the handle. Black, chemical/solvent-resistant polyethylene handle.

Stk.	Mfr.	Blade	Price
528351	M5122	1-1/4"W Chisel	\$4.83



Plastic Blade Putty Knives

Linzer White plastic putty knife with beveled edge.

Stk.	Mfr.	Blade	Price
504040	7150	1-1/2"W Flexible	\$0.82
504041	7200	2"W Flexible	\$1.48
504042	7300	3"W Flexible	\$1.67



Four-Edge Hand Scrapers

Master Painter Carbon steel blade. Soft-grip handle.

Stk.	Mfr.	Item	Blade	Qty.	Price
943304	FE2	Scraper	1-1/2"L		\$5.29
943305	22B	Replacement Blade	1-1/2"L	2/pkg.	\$2.98
943170	F4	Scraper	2-1/2"L		\$7.13
943171	42B	Replacement Blade	2-1/2"L	2/pkg.	\$3.88



Bent Pole Scraper

Master Painter High-carbon steel blade is bent to help reach high surfaces. Black, solvent-resistant, ergo-grip handle. Fits any standard threaded broom handle or extension pole.

Stk.	Mfr.	Blade	Price
943173	10737	3"W	\$10.30



5-in-1 Painter's Tool

Master Painter High carbon steel blade with soft grip ergonomic handle.

Stk.	Mfr.	Price
943299	10516	\$6.38



Triangular Scraper

Marshalltown High-quality detail scraper for molding contours, carved woodwork, cracks and seams. 9" balanced handle.

Stk.	Mfr.	Blade	Qty.	Price
528345	E1241	2-1/4"W	1	\$11.50

Replacement Blade

528343	E1242	2-1/4"W	1	\$4.93
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Glue Scraper

Robert Larson Quickly clean up glue joints with this heavy-duty, high-quality steel blade scraper.

Stk.	Mfr.	Blade	Qty.	Price
768859	580-2175	2-3/8"W	1	\$56.70

Replacement Blade

768860	580-2176	2-3/8"W	1	\$14.70
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BRUSHES & ROLLERS



White China Bristle Brushes

Linzer Flat trim disposable brush for paints, varnish, chip and touch-up. Steel ferrule, wood handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
503994	1550-1	1"	1-3/4"	3/8"	\$1.19
503995	1550-1-1/2	1-1/2"	1-3/4"	7/16"	\$1.60
503996	1550-2	2"	2"	1/2"	\$1.90
503997	1550-2-1/2	2-1/2"	2"	1/2"	\$2.31
503998	1550-3	3"	2"	1/2"	\$2.70
503999	1550-4	4"	2-1/4"	1-1/4"	\$5.49

Economy

Stk.	Mfr.	Width	Trim	Thickness	Price
504002	1500-1/2	1/2"	1-1/2"	1/4"	\$0.34
504003	1500-1	1"	1-1/2"	5/16"	\$0.61
504004	1500-1-1/2	1-1/2"	1-1/2"	5/16"	\$0.52
504005	1500-2	2"	1-1/2"	5/16"	\$0.61
504006	1500-2-1/2	2-1/2"	1-1/2"	3/8"	\$0.83
504007	1500-3	3"	1-1/2"	3/8"	\$0.92



Oval Sash Brushes

Linzer Black china bristle. Clear lacquered wood handle. Seamless steel ferrule.

Stk.	Mfr.	Trim	Thickness	Price
504025	2651-4	2"	3/4"	\$3.40
504026	2651-10	2-1/2"	1-1/8"	\$6.93



Angled Sash Brushes

Linzer Angled sash brush with steel ferrule.

Silver Plastic Handle Polyester chiseled trim. For latex paints.

Stk.	Mfr.	Width	Trim	Thickness	Price
504033	2148-1-1/2	1-1/2"	2-1/4"	7/16"	\$5.19
504034	2148-2	2"	2-1/2"	1/2"	\$6.38

Wood Handle Chinese bristle/polyester. For all paints, varnished & stains. Interior/exterior use.

Stk.	Mfr.	Width	Trim	Thickness	Price
504022	2832-1-1/2	1-1/2"	2-1/4"	7/16"	\$4.67
504023	2832-2	2"	2-1/4"	1/2"	\$5.69
504024	2832-2-1/2	2-1/2"	2-3/4"	5/8"	\$7.39



Black China Bristle Brushes

Linzer Chiseled trim brush for varnish and oil-based paints. Steel ferrule, blue plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
504008	1600-1/2	1/2"	1-3/8"	1/4"	\$0.77
504009	1600-1	1"	1-5/8"	5/16"	\$0.94
504010	1600-1-1/2	1-1/2"	1-5/8"	5/16"	\$1.16
504011	1600-2	2"	1-5/8"	5/16"	\$1.38
504012	1600-2-1/2	2-1/2"	1-5/8"	3/8"	\$1.90
504013	1600-3	3"	1-5/8"	3/8"	\$2.42



Poly/Nylon Bristle Brushes

Linzer Chiseled trim brush for varnish and all paints. Steel ferrule, ivory plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
504017	1820-1	1"	2-1/8"	3/8"	\$3.11
504018	1820-2	2"	2-1/4"	7/16"	\$4.10
504019	1820-3	3"	2-1/2"	1/2"	\$5.91



Polyester Bristle Brushes

Linzer Chiseled trim brush for varnish and latex paints. Steel ferrule, ivory plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
503990	1105-1	1"	2"	3/8"	\$0.99
503991	1105-1-1/2	1-1/2"	2"	7/16"	\$1.30
503992	1105-2	2"	2"	7/16"	\$1.68
503989	1105-2-1/2	2-1/2"	2-1/4"	1/2"	\$2.06
503993	1105-3	3"	2-1/4"	1/2"	\$2.42



Marking Brush

Weiler Black bristle held by a seamless nickel ferrule. Wooden handle.

Stk.	Mfr.	Width	Trim	Price
969337	41009	9/32" dia.	1-3/8"	\$4.51



Acid/Glue Brushes

Disposable brush quickly applies plumber's flux and pipe dope. Also evenly spreads glue for a fail-safe glue joint. Fits into tight spots, yet covers large surfaces. Black horsehair trim. Tin ferrule, metal handle.

Stk.	Mfr.	Width	Trim	Length	Price
969295	44089	3/8"	3/4"	5-3/4"	\$0.47
969296	44090	1/2"	3/4"	5-3/4"	\$0.55

50-Piece Includes 6"L x 3/4" trim brushes (25 ea. of 5/16"W & 1/2"W).

Stk.	Mfr.	Width	Trim	Length	Price
785616	D2026				\$12.70



Disposable Brushes

Jen Foam paint brushes with tapered polyfoam heads, wood handles. Use and throw way.

Quantity Savings!

Stk.	Mfr.	Width	Qty.	Price	Qty. Price
485600	1BX	1"	1	\$0.24	48 or more \$0.20
485604	2BX	2"	1	\$0.38	48 or more \$0.31
485608	3BX	3"	1	\$0.51	36 or more \$0.42
485612	4BX	4"	1	\$0.67	24 or more \$0.56
485601	1BK	1"	1,200	\$227.00	
485605	2BK	2"	600	\$177.00	
485609	3BK	3"	460	\$202.00	
485614	4BK	4"	252	\$133.00	



Foam Brushes

Jen Smooths out paint and covers correctly with fewer strokes, eliminating brush marks or loose bristles so that even the inexperienced users can achieve reliable, professional results. Ideal for the application of enamel, latex, oil paints, stain and varnish.

Not recommended for shellac or lacquer.

Stk.	Mfr.	Width	Qty.	Price
485620	1MP	1"	4	\$1.06
485621	2MP	2"	3	\$1.20
485622	3MP	3"	2	\$1.09
485623	4MP	4"	2	\$1.46

3-Piece Includes 1", 2" & 3".

485624	EPBX			\$1.17
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Rol-Rite Disposable Roller



Linzer General-maintenance utility roller with knit fabric cover and 2-ply polypropylene core. Use for all paints and stains.

Stk.	Mfr.	Length	Nap	Type	Price
504050	RR925-9	9"	1/4"	Smooth	\$2.39
504051	RR938-9	9"	3/8"	Semi-Smooth	\$2.45
504052	RR950-9	9"	1/2"	Semi-Rough	\$2.56

Disposable Roller



Jen For all smooth surfaces, ideal for enamel, latex, stain, oil paints and varnish. Not for shellac or lacquer. Rollers smooth out the paint and cover correctly with fewer strokes. 9" rollers fit all standard holders.

Quantity Savings!

Stk.	Mfr.	Length	Qty.	Price	12 or more
485615	9RBX	9"	1	\$0.80	\$0.68

Paint Roller Trays & Liners



Linzer 1 qt. paint tray w/ladder lock legs. Use w/7" to 9" rollers.

Metal tray

Stk.	Mfr.	Price
504053	RM400	\$6.51

Plastic liner

504055	RM410	\$0.86
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Plastic tray

504054	RM403	\$2.67
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9" Paint Roller Frames



Linzer

Contractor 5-wire cage, 5/16" rod & threaded, plastic grip w/metal ferrule.

Stk.	Mfr.	Price
504057	RF209-9	\$4.64

Economy 4-wire cage, 1/4" rod & threaded plastic grip.

504056	RF200-9	\$2.95
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Heavy-duty Brush & Roller Cleaner



Linzer High-speed spinning action cuts clean-up time. Thoroughly cleans roller covers & brushes. All-steel construction w/double ball bearings.

Stk.	Mfr.	Price
504058	6006	\$17.90

Wire Brushes



Weiler For removing rust, scale, paint, solder, cleaning threads, files, metal parts and castings.

Curved Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
969292	44053	5-1/2"	3 x 19	1-3/16"	14" x 7/8"	\$5.34

Shoe Handle

969293	44063	5"	4 x 16	1-3/16"	10" x 1-1/8"	\$5.73
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PAINTING & FINISHING TOOLS



Quick-Mix® Mixer

Marshalltown Ideal for stirring and blending paint, drywall mud and acoustic quickly and lump free. Blade is securely welded to a 3/8" hex shaft. Fits any 3/8" or larger slow speed drill (500 rpm).

Stk.	Mfr.	Length	Price
528565	819	28"	\$19.10



Heavy-duty Paint Mixers

Master Painter Coated-steel spiral paint mixer fits all 3/8" drills. Thoroughly mixes paints, coatings, wall textures and more.

Stk.	Mfr.	Impeller	Length	Price
943183	5013TV	3"	16.54"	\$7.18

Fits through mixing hole in 5 gal. lids (use also for 1 gal.).

Stk.	Mfr.	Impeller	Length	Price
943182	5011TV	1-3/4"	19.69"	\$6.31



Pail Opener

Linzer Open plastic pails and buckets without damaging seal. Use to open joint compound, driveway sealer, and bulk paint containers. Rugged polypropylene construction. No moving parts. Also use as a pail hook.

Stk.	Mfr.	Price
482254	5425	\$2.46



Paint Can Lid Opener

Linzer Gallon metal paint can lid and bottle opener.

Stk.	Mfr.	Price
504030	5421	\$0.84



Paint Hardener

Krud Kutter Easy to use, works in minutes and is great for latex paint spills. Turns liquid latex paint solid. Treats 2/3 gallon of paint (85 fluid oz.). Dispose according to local regulations.

Stk.	Mfr.	Size	Price
889370	PH35	3.5 oz. crystals	\$3.95

Half-Barrel Caulk Gun



Red Devil Holds most standard cartridges. 1/10th gallon, half-barrel with smooth rod and quick release mechanism. Use for light to medium applications of glazing, sealants, caulks and other cartridge products.

Stk.	Mfr.	Price
532804	3985	\$4.24



Skeleton Caulk Gun

Red Devil Fits all standard cartridges. 1/10th gallon, heavy-duty uni-rail construction with hex piston rod and quick release lever. Use for light to medium applications.

Stk.	Mfr.	Price
532803	3986	\$7.18

DUST MASKS & RESPIRATORS



Nuisance Dust Masks

Sperian Disposable mask provides basic protection against non-toxic dust, pollen, mold and dander. Universal, one size.

For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
475130	14110094CC	50	\$7.42



N95

3M Provides reliable protection against certain non-oil based particles. Features Advanced Electret Media, adjustable nose clip and nose foam for a custom fit and secure seal. Use for handling and working with grinding, sanding, sweeping, bagging, drywall materials and dusty operations.

For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
590406	8200	20	\$15.00



Safe-T-Fit Plus Respirators

Sperian Molded cup N95 particulate disposable respirators offer protection and comfort.

NIOSH 42 CFR 84 approval. 95% efficiency against solid particulates & non-petroleum based

liquid aerosols. Time use restrictions may apply. For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Size	Qty.	Price
475131	14110388	Medium/Large	20	\$18.50



Tekk Protection™ Nuisance Dust Masks

3M Disposable dust masks provide relief from the irritating effects of non-harmful dust.

Not NIOSH approved. For comfort only. Not a respirator, does not provide lung protection.

Stk.	Mfr.	Qty.	Price
590420	8661PC1-15A	15	\$11.80



Half-mask Respirators

3M Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical,

chemical manufacturing, construction, transportation & electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

Meets NIOSH standard. 2 filters required for each mask, sold separately.

Stk.	Mfr.	Size	Qty.	Price
942682	6200	Medium	1	\$16.30
942683	6300	Large	1	\$16.30

Organic Vapor Cartridge Meets NIOSH 42 CFR Part 84 standard. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
942684	6001PB1-1		2	\$12.90



Twin Cartridge Respirators

Binks Finest quality silicone face piece for outstanding comfort, easy cleanup and long life. Will not deteriorate after repeated washing and exposure to paints and solvents. Combination cradle/neckstrap for a non-slip comfortable fit. Equipped with heavy-duty oil resistant filters for extra loading capacity.

Includes 2 filters & storage bag.

Meets NIOSH 42 CFR Part 84 standard.

Stk.	Mfr.	Size	Qty.	Price
240407	40-128	Medium	1	\$74.30
240408	40-143	Large	1	\$74.30

Respirator Cartridges Offers protection against certain organic vapors, lacquers & enamels. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
240570	40-1921		2	\$19.20

Respirator Filters Specially engineered heavy-duty oil resistant filters for increased respiratory protection. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
240574	40-1924-10		10	\$32.60



Respirator Wipes

sellstrom Individually packaged wipes keep respirator safe & clean. Each easy-to-use non-alcohol towelette measures 5-1/4" x 7-1/2". Self-dispensing box can rest on counter or hang on wall.

Stk.	Mfr.	Qty.	Price
772529	22185	100	\$10.30

SPRAY BOOTHS



Painting Hood & Cabinet System

Shain Fabricated of 18 ga. steel with corrosion resistant, powder coat baked epoxy finish. The upper booth enclosure includes a standard vapor-proof light and two filters set in an easy to change flange bracket system. Globe interior light is mounted and wired to common junction box.

Blower motor operates at an RPM designed to provide 100 LFM and approximately 3/4" of static pressure.

Blower is mounted on top and wired to common junction box. Cabinet constructed of solid hardwood, solid maple and maple veneers with locking double doors and

1 adjustable shelf. Galvanized steel top.

Dimensions: 36"W x 24"D x 97.75"H.

Secure cabinet to the wall for safety. Hardware not included.

Stk.	Mfr.	Price
155005	8200M	\$4,656.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.



HSSB Bench Top Spray Booth

Pasche Rugged, compact, portable, easy-to-assemble unit is perfect for small ceramics to radio control models. Intended to remove larger particles from the air (but will not remove all hazardous airborne materials). When spraying materials that have strong vapors or harmful chemicals, vent exhaust outside (& when necessary wear goggles & protective paint/vapor mask). Made of durable, galvanized metal for easy cleaning.

115V, 1/4 HP, 1 Phase. Inside working area 16"H x 20"D.

Includes carbon & fiberglass filter system, vent & enclosed motor.

22"L (inside) 235 cfm. Weight 39 lbs. (shipping)

Stk.	Mfr.	Price
640370	HSSB-22-16	\$311.00

30"L (inside) 470 cfm. Weight 44 lbs. (shipping)

640371	HSSB-30-16	\$506.00
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Charcoal Replacement Filter, 1/pkg.

640280	CHAR-8	\$8.60
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Polyester Replacement Filters, 2/pkg.

640298	AG-8-2	\$6.88
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BBF Bench Top Spray Booth

Pasche Made of 20 ga. galvanized steel, this unit's powerful motor filters dangerous fumes away from students. Its large size accommodates spraying of parts. Convenient, disposable fiberglass filters. Booths in single or multiple sections are ideal where space is limited.

Inside working area 2'W x 2'H x 2'6"D.

Outside size 2'1"W x 3'1"H x 3'D. 140 lbs.

Includes belt guard, draft gauge, 2 sets of filters, vent & enclosed motor.

Must be assembled & hardwired.

Stk.	Mfr.	Volts	HP	Phase	CFM	Price
640349	BBF-2	115	1/4	1	1,100	\$1,456.00
640350	BBF-2	230	1/4	3	1,100	\$1,456.00

Replacement Filters Pasche Convenient, disposable fiberglass filters. Fits Pasche BBF & EBF Series Bench Top Spray Booths. 12" x 25" x 2". 50/pkg.

Stk.	Mfr.	Price
640299	AG-12	\$90.20



EBF Series Bench Top Spray Booth

Pasche Suitable for almost any type of painting. Air is channeled from the open booth face, then pulled through the rear filter wall. Aluminum fan blade. 1,725 rpm motor catches overspray particulates with filters. Fumes are discharged through the ducting and out of building.

115/230V, 1/4 HP, 1 Phase. Inside working area 2'H x 2'6"D.

Outside size 5'8"H x 3'2"D.

Includes 2 sets of filters, Manometer® draft gauge, legs, full-assembly drawing w/instructions & all hardware. OSHA, NFPA & EPA compliant.

Please specify voltage. Must be assembled & hardwired.

12" Fan

Stk.	Mfr.	Length	Weight	Speed (cfm)	Price
640310	EBF-3	3' inside, 3'4" outside	255 lbs.	1,100	\$1,972.00
640311	EBF-4	4' inside, 4'4" outside	287 lbs.	1,100	\$2,108.00

16" Fan

640312	EBF-5	5' inside, 5'4" outside	305 lbs.	1,960	\$2,306.00
640313	EBF-6	6' inside, 6'4" outside	342 lbs.	1,960	\$2,380.00



Cross Draft Floor Model Spray Booths w/Shelf

Pasche Cross draft paint booths with 1,725 rpm motors suitable for almost any type of painting. Air is channeled from the open booth face and pulled through the rear filter wall. Filters catch overspray particulate, while fumes are discharged up through

duct work and out of the building.

- Fluorescent light fixture w/2 vapor-tight tubes (Class I Div 2., groups A, B, C, D. Tubes are not included)
- Totally enclosed motor

- Fan w/sparkless aluminum blade
- Belt guard for fan

230/460V, 3 Phase. Inside working area 4'6"H x 3'D.

Outside area 8'2"H x 5'2"D.

Includes 2 sets of filters, Manometer® draft gauge, full-assembly drawing w/instructions & all hardware. OSHA, NFPA & EPA compliant.

Please specify voltage. Must be assembled & hardwired.

18" Fan

Stk.	Mfr.	Length	Weight	HP	CFM @ 1/4 SP	Price
640320	FABSF-4-T3	4' inside, 4'4" outside	600 lbs.	1/3	2,420	\$2,850.00
640321	FABSF-6-T3	6' inside, 6'4" outside	800 lbs.	3/4	3,600	\$3,298.00

24" Fan

640322	FABSF-8-T3	8' inside, 8'4" outside	1,150 lbs.	3/4	5,350	\$3,740.00
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Fiberglass Replacement Filters

Pasche Fiberglass replacement filters for all FABSF & FABF spray booths.

Stk.	Mfr.	Qty.	Price
640301	AG-20	50	\$94.00



Cross Draft Walk-in Floor Model Spray Booths

Pasche Cross draft paint booths with 1,725 rpm motors are suitable for almost any type of painting. Air is channeled from the open booth face and pulled through the rear filter wall. Filters catch overspray particulate, while fumes are discharged up through duct work and out of the building.

discharged up through duct work and out of the building.

- Fluorescent light fixture w/2 or 4 vapor-tight tubes (Class I Div 2., groups A, B, C, D. Tubes are not included)
- Totally enclosed motor

- Fan w/sparkless aluminum blade
- Belt guard for fan

230/460V, 3 Phase. Inside working area 7'H. Outside area 8'2"H.

Includes 2 sets of filters, Manometer® draft gauge, full-assembly drawing w/instructions & all hardware.

Complies w/OSHA, NFPA & EPA regulations. Please specify voltage. Must be assembled & hardwired.

18" fan, 2 lights

Stk.	Mfr.	Length	Weight	HP	CFM @ 1/4 SP	Price
640323	FABF-4-7-T3	4' x 3'D inside, 4'4" x 5'2"D outside	500 lbs.	3/4	3,600	\$2,992.00

24" fan, 4 lights

640324	FABF-6-7-T3	6' x 5'D inside, 6'4" x 7'2"D outside	660 lbs.	3/4	5,350	\$3,740.00
640325	FABF-8-7-T3	8' x 6'D inside, 8'4" x 8'2"D outside	1,000 lbs.	1	7,900	\$3,978.00

SPRAY GUNS



HVLP Gravity Feed Spray Gun

Campbell Hausfeld Operates at lower pressures to minimize paint bounce back and overspray. Reduces paint use by 20-30%. Stainless steel, corrosion-resistant fluid nozzle and needle.

- Provides optimal atomization & particle size
- Adjustable fluid, pattern (1.5"- 10") & spray controls

- Easy-clean, chemical resistant 600 ml. acetel cup
- Easy-clean polished body
- Low/medium paint viscosity
- In-line 80 mesh filter removes dirt particles
- 1-yr. mfr.'s warranty

Stk.	Mfr.	Air Consumption	Air Inlet	Price
291108	DH7900	6.2 avg. @ 40 PSI	1/4" NPS	\$85.00



Gravity Feed Spray Gun

Campbell Hausfeld Pulls paint downward, maximizing paint material usage. Incorporates precision machined components to deliver outstanding finishes. Stainless steel, corrosion-resistant fluid nozzle and needle.

- Provides optimal atomization & particle size
- Adjustable fluid, pattern (1.5"-11") & spray controls

- Easy-to-clean, chemical resistant 600 ml. acetel cup
- Low to medium paint viscosity
- In-line 80 mesh filter removes dirt particles to prevent defects
- 1-yr. mfr.'s warranty

Stk.	Mfr.	Air Consumption	Air Inlet	Price
291107	DH7800	5.9 avg. SCFM @ 40 PSI	1/4" NPS	\$69.30



Standard Duty Spray Gun

Binks Non-bleeder with external mix, siphon feed. Drop-forged aluminum body. Plated, drop-forged brass head. Adjustable spray pattern.

- Adjustable floating fluid needle valve
- Stainless steel air valve cartridge

- Trigger w/hardened steel wear plate
- Use w/3-5 HP compressor w/receiving tank

Cup sold separately.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
239255	7-36X36SD	7.8 CFM @ 30 PSI	1/4" NPS	3/8" NPS	\$503.00



2100 Manual Air Spray Gun

Binks Air nozzle has better atomization for greater finish with less material. Precision-machined forged-aluminum gun is full-sized, well balanced and easy to use.

- Electroless nickel-plated brass air nozzle
- Corrosion-resistant, stainless steel fluid nozzle & needle for waterborne materials

- Ergo grip improves control, spray quality
- Integrated head w/fewer parts
- Cheater valve adjusts air at the gun
- Lower trigger pivot point reduces fatigue
- Nickel-plated brass knobs

Cup sold separately.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
239380	2100-66SSX66SD	7.9 CFM @ 30 PSI	1/4" NPS	3/8" NPS	\$283.00



Multi-purpose Spray Gun

Speedy Use as an internal mix pressure feed for heavy-duty spraying of house and barn paints, stains, flat wall finishes, etc. Use also as external mix pressure feed for fast-drying latex paints. Built-in air valve for bleeder or non-bleeder operation. Adjustable air and fluid controls.

Includes internal & external mix fan nozzles & qt. cup.

Stk.	Mfr.	Price
279134	SG331PP	\$96.60



Siphon Feed Spray Gun

Campbell Hausfeld Great choice for an economical spray gun. Produces a fine finish for most automotive, furniture and equipment painting. Very low to medium paint viscosity range. 1.5"-9.5" fan pattern size.

- Anti-drip canister
- Adj. controls for material & pattern

Includes quart cup.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
291106	DH6500	7 CFM @ 40 PSI	1/4" NPS	.071" NPS	\$45.80



Production Spray Gun

Speedy Handles all types of material and produces very fine atomization for smooth finish. Non-bleeder type gun has 100% external mix — no fouling at the nozzle. May be used with siphon feed cup, gravity paint pot or on air line. To be used only with tank type compressors. Quick-action convenient cup cover.

- Stainless steel needle valve
- Control knob changes spray pattern from round to fan

Includes quart cup.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
279000	SG107PP	7 CFM @ 50 PSI	1/4" NPS	3/8" NPS	\$152.00

Replacement Cup & Cover

279067	PA100				\$79.80
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General Purpose Spray Gun

Campbell Hausfeld Use for a wide range of applications. Changes from siphon to pressure feed for use with a variety of materials. Convertible from non-bleeder to bleeder style for use with standard and tankless air compressors.

- Works w/paint tanks & remote canisters

- Low to high paint viscosity range

- 6.5" fan pattern size

Includes quart cup.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
291105	DH4200	2 CFM @ 40 PSI	1/4" NPS	3/8" NPS	\$37.90



Electric Paint Sprayer

Wagner Heavy-duty sprayer delivers 5.4 gal./hr. Ideal for small to medium projects. Sprays thin-bodied materials (i.e. thinned latex paints or stains, sealers, waterproofers or oil-based paints). Long-life tungsten-carbide cylinder. Cup holds 1 qt. or the suction set draws paint directly from a paint can.

Includes 5' suction set, 0.8 round-pattern tip, extra atomizer valve & cleaning brush.

Stk.	Mfr.	Max. Pressure	Max. Hose	Weight	Price
943160	0525000A	1700 PSI	5'L	10-1/2 lbs.	\$120.00

Spray Gun Accessories Binks



Cup 1 qt. clamp-type includes drip-proof cover & vent tube.

Stk.	Mfr.	Price
241180	81-800	\$82.70

Drip-proof Solvent Saver Siphon Cup Perma-Cote™ nonstick coating inside & out that lets you wipe cup clean w/less solvent & reduced cleanup time. **Includes** quick release cover.

Stk.	Mfr.	Price
241182	81-810	\$98.40

Paint Strainer Stainless steel screen w/plastic body strains paint without sticking. Fits all spray gun cups. Fine mesh (145) for lacquers.

Stk.	Mfr.	Price
241095	81-82	\$20.10



Krud Kutter Parts Washer Cleaner/Degreaser

Krud Kutter Safe alternative to hazardous cleaning chemicals such as mineral spirits and other solvents. Multi-purpose formula, with Prevent-X Corrosion Inhibitor™, is designed to be used in immersion, ultrasonic, manual and spray applications. Safely and effectively removes grease, grime, oils, carbon, ink and other organic deposits.

Stk.	Mfr.	Size	Price
889330	EC01	1 gal.	\$24.40

COMPRESSORS



Airstorm Air Compressor

Badger Lightweight, maintenance-free unit is excellent for moderate use. Features auto shut-off, hinged handle and 1/8" hose connection. ETL certified.

Air delivery (scfm) 0.81 @ 57 psi.
Size 8-1/4"L x 5-1/2"W x 7-3/4"H. Weight 7.93 lbs.

Includes 6' cord w/3-pronged plug, on/off switch, 4 suction-cup feet & 1/8" to 1/4" hose adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
222365	180-15	110	1/6	57 psi	\$209.00

D500 Air Compressor

Paasche Economical, lightweight compressor works with all airbrushes spraying properly thinned fluids. Oil-free unit delivers 20-40 psi.

Air delivery (scfm) 0.4 @ 20 psi.
Size 14"L x 6"W x 8"H. Weight 12 lbs.

Includes 6' cord w/3-pronged plug & 4 suction-cup feet.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
640332	D500	115	1/8	40 psi	\$113.00

Installation Available
for Equipment & Furniture.
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DC600R Airbrush Compressor

Paasche Tank mounted compressor contained in a metal enclosure with carrying handle. Compressor shuts off when airbrush is not in use. Operating pressure 20 to 35 PSI with max pressure up to 65 PSI depending on airbrush being used.

- Protective case w/2 airbrush holders
- 1 gallon tank for pulsation free airbrushing
- Regulator & moisture trap
- Oil-free piston type
- Noise level 50db
- Thermal protected

Size 16"L x 6.5"W x 16"H. Weight 24 lbs.

Includes R-75 regulator & moisture trap.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
640335	DC600R	115	1/6	65 psi	1 gal.	\$273.00



Portable Air Compressor

Campbell Hausfeld For inflation, brad nailing, stapling and airbrushing. 1 gal. tank eliminates the pulsations caused by piston action. Conveniently placed, easy-read gauge for easy monitoring of air pressure. Sturdy handle allows handy transport and storage.

Air delivery (scfm) 0.51 @ 40 psi & 0.39 @ 90 psi.

Size 11.8"L x 11.8"W x 12.7"H. Weight 16 lbs.

Includes 2 inflation nozzles, needle & adapter, air chuck & 25' recoil hose.

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
291141	FP2028	120	100 psi	1 gal.	\$133.00

AIRBRUSH EQUIPMENT



Air-Opaque™ Paint

Badger For students wanting vibrant color with consistent results. Formulated for air brushes, technical pens and paint brushes on paper, illustration board and canvas, plus wood and Styrofoam® models. Ready-to-use paints are quick drying, water resistant, pre-reduced, colorfast, water-based, nontoxic, nonflammable, noncarcinogenic. Mix paints for more colors.

Primary Set Includes crimson, yellow, blue, green, brown, black, white.

Stk.	Mfr.	Size	Colors	Price
222359	701	1 oz.	7	\$24.30

Secondary Set Includes scarlet, magenta, orange, violet, indigo, aqua, turquoise.

Stk.	Mfr.	Size	Colors	Price
222360	702	1 oz.	7	\$24.30



Hobby Spray Gun Set

Badger Basic set with everything needed to start working with spray gun. Perfect for jobs requiring a simple but effective spray. Step-by-step hobby guide is filled with helpful sections such as preparation for painting, camouflage, weathering and more.

Includes attachable 3/4 oz. jar, 6' air hose, propel regulator & can, 3/4 oz. mixing jar w/cover, 3 MODELflex™ colors, mixing pipette, manual & case.

Stk.	Mfr.	Price
222354	250-7	\$72.20

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Outstanding Customer Service for over 100 years!



Model 350 Airbrush Set

Badger Single-action, bottom-feed, external mix airbrush is great for stippling and spraying broader areas. Sprays high-viscosity materials such as ceramic glasses and stains and hobby enamels. Made of high-impact nylon, resistant to solvents and paint chemicals.

Includes 3 sizes of fluid tips & needle assemblies, 3/4 oz. jar, 2 oz. jar w/ cover, 8' braided air hose, 1/4" pipe thread fitting, wrench & manual.

Stk.	Mfr.	Price
222355	350-4	\$104.00



Anthem Airbrush Set

Badger User-friendly airbrush is versatile and comfortable. The thinner dia. needle and cone-shaped paint tip enable a single needle/tip configuration to spray virtually any desired material, eliminating the need for fine, medium or large needle/tip variations. Also enables novice airbrush user to create and maintain the finest of lines with ease, yet meets the most exacting standards of accomplished users.

Includes airbrush w/protective cap, 8' braided air hose, 3/4 oz. jar w/jar adapter, 3/4 oz. jar w/cap, one 2 oz. paint jar, 1/4 oz. color cup & labeled box.

Stk.	Mfr.	Price
222356	155-7	\$145.00



Model 360 Universal Airbrush

Badger The only airbrush capable of performing in a gravity-feed as well as a bottom-feed mode.

- 360° front end rotation allows for either gravity or bottom feed usage
- Single nozzle/needle sprays from pencil-thin lines to 3" pattern

- Sprays all materials from acrylics to watercolors, inks to lacquers, Air-Opaque™, Air-Tex™ & MODELflex™ airbrush paints
- Finger-tight assembly tolerances
- Balance system corrects weight apportionment
- Trigger cushion is ultra comfortable & ergonomically correct
- Lifetime mfr.'s warranty on labor & Teflon seals

Includes all-purpose nozzle/needle, attachable jar, additional jar w/cover, trigger pad, protective cap & manual in plastic case.

Stk.	Mfr.	Price
222357	360-1	\$193.00



Crescendo™ Airbrush Set

Badger A durable, versatile airbrush that works continuously without breakdown. Spray regulators and tips change easily for greater diversity. Sprays properly reduced acrylics, acrylic enamels and lacquers, gouaches, fabric colors, inks, dyes, ceramic colors and glazes, watercolor, Air-Opaque™, Air-Tex™ and ACCU-flex™ colors.

- Bottom-feed, dual action, internal mix
 - 1-piece, no-slip angled trigger for durability & comfort
 - Snap-off handle for quick needle changes & cleaning
 - Adaptable to 3 head sizes: fine, medium & large
- Includes** airbrush w/3 tips, spray regulators & needles (fine, medium & large), 8' braided air hose, 3/4 oz. jar w/jar adapter, two 2 oz. paint jars, 1/4 oz. metal color cup, 2 trigger pads, airbrush hanger & protective cap.

Stk.	Mfr.	Price
222352	175-7	\$153.00



Single-Action Airbrush Set

Paasche Sturdy, flexible single-action airbrush for all skill levels. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, 1/4 oz. metal color cup, 1 oz. color bottle assembly w/cap/gasket, 2 color-adjusting parts, 2 air caps, 2 wrenches, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640330	H-SET	\$72.20



Complete Airbrush Outfit

Speedy A great setup for the beginning or more experienced hobbyist and crafts maker. Features a hobby compressor with toggle switch for ample, oil-free air delivery.

Includes hobby compressor, airbrush quick-release 1 oz. jar & medium material nozzle, extra 1 oz. & 2 oz. jars, 8' air hose & bleeder valve for use w/non-bleeder airbrushes.

Stk.	Mfr.	Item	Price
279220	HS430		\$390.00
279320	HS1520SM	Replacement Jars 3/pkg., 1 oz.	\$14.70



Double-Action Airbrush Set

Paasche Sturdy, flexible double-action airbrush can spray patterns from fine detail to broader coverage handling light, medium and heavy fluids. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, head-protecting cap, 1/4 oz. metal color cup, 1 oz. bottle assembly w/cap/gasket, 2 tips, 2 needles, 2 air caps, wrench, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640331	VL-SET	\$94.30

Jar & Nozzle Assemblies

Stk.	Mfr.	Item	Price
278985	HS31	Fine	\$31.50
278986	HS32	Medium	\$31.50
278987	HS33	Heavy	\$31.50



“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com

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7,500W GP Series Portable Generator

Generac OHV® engine designed specifically for generator use. Utilizes the same type of pressurized oil lubrication used in automobile engines.

- Covered, circuit breaker protected outlets
- Low oil shutdown protection
- Locking, fold-down handle
- 1.25" hardened steel tube frame
- Hour meter to track maintenance
- Steel fuel tank w/built-in fuel gauge
- Never-flat wheel kit
- Electric/Manual start
- Low tone muffler

A/C Voltage: 120V/240 VAC. Size: 28.8"L x 26.8"W x 26"D. Weight: 201 lbs.

Includes wheel kit, handle kit, engine oil & starting battery (12VDC 10 Ar).

Stk.	Mfr.	Price
943290	5943	\$1,326.00

HEAT GUNS



LCD Heat Gun

DEWALT LCD allows temperature adjustments within 50° increments. Features overload protection to shut down heating element (*preventing burn up*), ergonomic comfort grip, kickstand and hang ring. 3-yr. mfr.'s warranty.

120V, 13 Amps. Weight 2.3 lbs.

Includes 10' cord w/protector, cone & fishtail surface nozzles.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
242852	D26960	1,550	17.7 CFM	150° - 1,100°F	\$146.00



1500W Heat Gun

PORTER+CABLE Variable temperature dial allows for easy adjustment of temperatures. Integrated support stand allows the gun to sit upright for hands free use. Hanging hook is ideal for storage. 6' high grade cord improves flexibility during cold use. Weight 2 lbs.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
626673	PC1500HG	1,500	19 CFM	120° - 1,150°F	\$45.50

ENGRAVERS



Cordless Power Precision Engraver

General Powerful 20,000 RPM motor for engraving in glass, metal, ceramic and plastic. Aluminum body offers superior durability and the ergonomic grip provides comfort and ease-of-use. Uses standard 3/32" engraving bit.

Includes 2 AAA batteries.

Stk.	Mfr.	Price
418500	505	\$20.00



Electric Engraver

Dremel Writes like a pencil on any material from glass to steel. Calibrated stroke adjustment dial regulates depth of engraving from fine lines to deep marks. 115V, 7,200 spm.

Includes carbide point (9924).

Stk.	Mfr.	Item	Price
343080	290-01		\$23.80

Replacement Points

Stk.	Mfr.	Item	Price
344120	9924	Carbide Point	\$7.11
344125	9929	Diamond Point	\$19.90



Engraver GG12

Proxxon Create fine details in glass, metal, wood and plastic. Easy-to-control engraver pen

weighs only 4 oz. Engrave for hours without fatigue. Ball bearing assembly for smooth, almost vibration free action. 2-yr. mfr.'s warranty.

12V, 20,000 rpm.

Includes diamond bit.

Requires Micromot AC Adapter, sold separately.

Stk.	Mfr.	Price
303013	28592	\$26.60

Micromot AC Adapter Proxxon For use with Engraver Mfr. 28592.

Stk.	Mfr.	Price
303012	38706	\$46.90

OSCILLATING MULTI-TOOLS



Multi-Max™ Oscillating Tool Kit

Dremel Versatile multitasking tool for cutting, grinding, sanding, scraping and grout removal. Compact design provides easy access to tight areas.

- 3.2° oscillation angle provides faster cutting & performance
- Wide speed range for optimal precision & control
- Quick release on-tool integrated wrench
- Quick-hold magnetic accessory interface
- 7' durable rubber cord
- Mfr.'s 2-yr. warranty

Includes drywall jab saw, flush cutting blade, grout blade, flexible scraper blade, wood & drywall blade, wood flush cut blade, hook & loop pad, 11 sanding sheets & case.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
343539	MM30-03	120	2.5	10,000 - 23,000	\$136.00

Flush Cut Blades Dremel

Stk.	Mfr.	Item	Price
343540	MM411	3/8" Wood	\$13.20
343542	MM440	3/4" Wood	\$14.30
343541	MM422	3/4" Wood & Metal	\$11.50

5-Piece Cutting Kit

Dremel Cut & notch drywall, wood, plastic, metal & more. For use with Dremel models 6300, 8300, MM20, MM30 & MM40.

Includes 3 wood & drywall blades, one 3/4" wood flush cut blade & one 3/4" wood/metal flush cut blade, plus molded case.

Stk.	Mfr.	Price
343543	MM385-01	\$43.20

Oscillating Multi-Tool Kit

PORTER+CABLE



- Tool free blade changes
- Depth & cutting guide makes cutting tasks faster & more controlled
- VS dial optimizes performance & control
- 3-position over mold provides gripping area & reduces vibration
- 10' cord

Includes depth/cutting guide, precision wood end-cut blade, wood/metal end-cut blade, flush cut blade, sanding platen, 25 sandpaper sheets, flexible scraper & case.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
626668	PCE605K	120	3	10,000-22,000	\$165.00



Multi-X™ Oscillating Tool Kit
BOSCH Designed for many applications including flush-cutting, plunge cutting, sanding, grinding, grout removal and scraping.

- 3 Amps for heavier applications
- Easy brush access

- VS dial for matching speed to application & material
- Constant Response™ circuitry maintains speed under load
- Ball joint cord swivel for easy positioning tool & cord durability
- Ergonomic small grip circumference for comfort & control
- Small enough to reach into corners & other tight spaces
- Reinforced gearing & metal gear housing for optimal force transmission, durability & low vibration
- Non-marring plastic ribs protects vertical surface in front of tool

Oscillating angle L/R 1.4° (2.8° total).

Tool size 10.9"L, 6.9" grip dia. Tool weight 3.6 lbs.

Includes Japanese-tooth wood saw blade, rigid scraper blade, wood/metal saw blade, RIFF grout blade, wood plunge cut blade, sanding pad, 15 wood & paint sanding sheets, 12'L cord, accessory box & nylon case.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
259760	MX30EC-2I	120	3	8,000-20,000	\$291.00



MultiMaster Oscillating Tool Kit
Fein The high performance, universal system for interior construction and renovation with comprehensive accessories for unrivaled versatility.

- Self-supporting motor w/vibration decoupling for vibration & noise reduction

- 8-point tool mounting for outstanding torque transfer
- Highest quality & stability due to metal gear case, consistent use of ball or needle bearings & a motor designed for continuous use
- Convenient QuickIN rapid-clamping system
- Electronic speed control w/tacho generator for constant speed, even under load
- Integrated interface for mounting additional system accessories
- Softgrip zone provides optimal handling

Tool weight 3.1 lbs.

Includes backing pad, 12 sanding sheets, perforated backing pad, 12 perforated sanding sheets, 4-1/2" dia. perforated sanding disc, six 4-1/2" perforated sanding sheets, 5 saw blades, carbide segment saw blade, carbide rasp (triangular), rigid scraper blade, dust extraction assembly & case.

Stk.	Mfr.	Volts	Speed	Price
411604	FMM-350Q-TOP	120	10,000-19,500	\$419.00



Oscillating Multi-Material Multi-Tool Kit
DEWALT Powerful 3 Amp motor provides strong performance for cutting and sanding.

- QUICK-CHANGE™ accessory system
- DUAL-GRIP™ variable speed trigger gives users ultimate speed & application control

- Bright LED light illuminates dark work surfaces for accurate cutting
- Tool guide system sets depth or height for accurate repeatability
- 3-yr. mfr.'s limited warranty

Oscillating angle 1.6°. Tool weight 3.1 lbs.

Includes oscillating tool guide system, wood w/nails blade, fast-cut wood blade, semi-circle blade, sanding pad, 25 sheets of sand paper, accessory storage box, multi-brand accessory adapter & tool bag.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
243053	DWE315K	120	3	0-22,000	\$251.00

SANDERS

Multi-Finishing Sander
SKIL



Pad 1"W triangular. Tool size 10-1/4"L x 4"H. Tool weight 2.5 lbs.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
260569	7302-02	120	1.2	12,000	\$57.80

15-Piece Sandpaper Kit **Includes** 60, 80 & 120 grits.

260562	73114				\$10.20
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Work Mat
SKIL Sure grip, easy-to-clean surface holds sanding or routing workpieces w/out clamps or marring. 24" x 36".

Stk.	Mfr.	Price
258953	RAS120	\$14.40



Bench Cookie™ Cones
Bench Dog Protects the top pad of any Bench Cookie™ while finishing. Snaps to any cookie to add grip. Won't slide on work surface. Stackable. 4/pkg.

Stk.	Mfr.	Price
235424	10-054	\$6.65



Bench Cookie™ Set
Bench Dog Non-marring, firm-grip rubber pads protect workpiece surface & prevent slipping while planing, routing, sanding, carving & more. Provides level surface & extra clearance. Makes edge routing & finishing easy. Fast set-up. Durable for long-term use. 3" dia. x 1"H each. 4/pkg.

Stk.	Mfr.	Price
235412	10-035	\$14.30

“ Not sure what tool is right for your project or program? ”



Dan Goodwin ext. 3104
 dgoodwin@midwesttechnology.com

Finishing Sanders



Black & Decker 246053 **BOSCH** 259768 **DEWALT** 242840 **HITACHI** 616640 **Makita** 511433 **Milwaukee** 575880



PORTER+CABLE 622268 **PORTER+CABLE** 622872 **SKIL** 260536 **Makita** 511437 **BOSCH** 258940 **Makita** 511463

1/4 Sheet Sanders Paper size 4-1/2" x 5-1/2"

Stk.	Mfr.	Brand	Volts	Amps	Speed (opm)	Orbit Dia.	Pad Size	Tool Size	Tool Weight	Price
246053	BDEQS300	Black & Decker	120	2	1,600	N/A	N/A	N/A	N/A	\$49.80
259768	1297D	Bosch	120	2	12,000	1/16"	4-1/2" x 4"	10"L x 5-3/4"H	2.7 lbs.	\$81.60
242840	D26441K	DeWalt	120	2.4	14,000	1/16"	4-1/8" x 4-1/2"	N/A	3 lbs.	\$86.30
616640	SV12SG	Hitachi	115	1.7	14,000	1/16"	4-3/8" x 4"	5-3/8"H	2.4 lbs.	\$73.90
511433	BO4556K	Makita	120	2	14,000	1/16"	4-1/2" x 4"	5-9/16"H	2.4 lbs.	\$88.40
575880	6020-21	Milwaukee	120	3	14,000	1/16"	4-1/8" x 4-1/2"	5-1/2"L	3.2 lbs.	\$72.00
622268	330	Porter Cable	120	1.2	14,000	5/64"	4-1/8" x 4-1/2"	4-1/2"L	4 lbs.	\$126.00
622872	380	Porter Cable	120	2	13,500	1/16"	4-1/4" x 4-1/2"	9"L x 5-1/4"H	2.3 lbs.	\$67.00
260536	7292-02	Skil	120	2	14,000	N/A	4-1/8" x 4-1/2"	N/A	N/A	\$49.80

1/3 Sheet Sander Paper size 3-5/8" x 9"

511437	BO3710	Makita	120	1.7	11,000	1/8"	3-5/8" x 7-1/4"	10"L x 6"H	3.5 lbs.	\$81.60
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1/2 Sheet Sander Paper size 4-1/2" x 11"

258940	OS50VC	Bosch	120	3.4	11,000	3/32"	4-1/2" x 9"	9"L x 8"H	6 lbs.	\$485.00
511463	BO4900V	Makita	115	2.9	4,000-10,000	N/A	4-1/2" x 9"	11-3/8"L	6.2 lbs.	\$269.00

3X High Performance Stick & Sand Sandpaper Sheets

NORTON Adhesive-backed sanding sheets provide superior sanding performance for a premium surface finish. Premium heat-treated aluminum oxide abrasive excellent on all surfaces and coatings. Will not clog, tear or transfer color. 4-1/2" x 4-1/2" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
598700	06079	60 Coarse	4	\$3.80
598701	06078	100 Medium	4	\$3.80
598702	06077	150 Fine	4	\$3.80

Multisand 4-1/2" Adhesive-backed Sanding Roll

NORTON Attaches easily. Press & the adhesive mates w/the special pad for a tight, secure fit. Eliminate wasted paper used for clamping. Cut the length of paper needed.

Stk.	Mfr.	Grit	Size	Price
636576	49247	320	10 yd. x 4-1/2"W	\$21.30
636574	49248	220	10 yd. x 4-1/2"W	\$21.30
636573	49249	180	10 yd. x 4-1/2"W	\$21.30
636575	49250	150	10 yd. x 4-1/2"W	\$21.30
636572	49251	120	10 yd. x 4-1/2"W	\$21.30
636571	49252	100	10 yd. x 4-1/2"W	\$21.30
636570	49254	80	10 yd. x 4-1/2"W	\$23.80

Multisand Clamp & Sand Sanding Sheets

NORTON For general purpose hand or machine sanding of wood, metal, plastic and fiberglass. Also for removing old paint.

Fine For final sanding or cleaning of surfaces.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608350	48295	150	3-2/3" x 9"	6	\$2.70
608360	48353	150	4-1/2" x 11"	6	\$3.21

Medium For moderate removal of wood, light paint, varnish, or rust.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608352	48310	100	3-2/3" x 9"	6	\$2.70
608361	48354	100	4-1/2" x 11"	6	\$3.21

Coarse For heavy removal of wood, coatings, or rust.

Stk.	Mfr.	Grit	Size	Qty./Pkg.	Price
608354	48325	60	3-2/3" x 9"	6	\$2.87
608362	48355	60	4-1/2" x 11"	4	\$3.21

Pressure Sensitive Replacement Pad

PORTER+CABLE For Mfr. 330.

Stk.	Mfr.	Price
627165	13597	\$13.20

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for the complete specifications
of the products listed on this page.

Random Orbit Sanders



5" Sanders

Stk.	Mfr.	Brand	Volts	Amps	Speed (opm)	Orbit Dia.	Disc Size	Tool Size	Tool Weight	Price
242849	D26450	DeWalt	120	3	12,000	3/32"	5" PSA	N/A	3.4 lbs.	\$97.70
242850	D26451K	DeWalt	120	3	12,000	3/32"	5" H&L	N/A	3.4 lbs.	\$88.60
242853	D26453K	DeWalt	120	3	7,000-12,000	3/32"	5" H&L	N/A	3.5 lbs.	\$118.00
259470	ROS10	Bosch	120	2.2	12,000	3/32"	5" H&L	9"L x 6"H	3.5 lbs.	\$86.30
260292	3107DVS	Bosch	120	3.3	4,500-13,000	3/16"	5" H&L	10-1/4"L x 7-5/8"H	5 lbs.	\$154.00
511512	BO5030	Makita	115	3	12,000	1/8"	5" H&L	6"L x 6"H	3.3 lbs.	\$113.00
575884	6021-21	Milwaukee	120	3	12,000	3/32"	5" H&L/PSA	5-1/2"L	3.3 lbs.	\$89.60
616641	SV13YB	Hitachi	120	2	12,000	1/8"	5" H&L	6"L x 6"H	3.1 lbs.	\$105.00
622873	382	Porter Cable	120	1.9	12,000	11/32"	5" H&L	11"L x 5.5"H	3 lbs.	\$86.00
624434	7345	Porter Cable	120	4.5	2,500-6,800	11/32"	5" PSA	11"L x 10"H	5 lbs.	\$197.00
693835	RK4246K	Rockwell	120	2.8	5,000-12,000	3/32"	5" H&L	5-1/4"L x 6"H	3 lbs.	\$96.40

6" Sander

Stk.	Mfr.	Brand	Volts	Amps	Speed (opm)	Orbit Dia.	Disc Size	Tool Size	Tool Weight	Price
624435	7346	Porter Cable	120	4.5	2,500-6,800	11/32"	6" PSA	11"L	5.5 lbs.	\$203.00

Random Orbit Sander Accessories

Bosch 5" Sanders

Stk.	Mfr.	Item	Price
258950	RS030	8-Hole Extra Soft Hook & Loop Pad. For Mfr. 3107DVS.	\$16.30
258951	RS031	8-Hole Soft Hook & Loop Pad. For Mfr. 3107DVS.	\$16.30
258952	RS032	8-Hole Hard Hook & Loop Pad. For Mfr. 3107DVS.	\$16.30
258948	RS026	Microfilter Dust Canister. For Mfr. 3107DVS.	\$14.80

Makita 5" Sanders

Stk.	Mfr.	Item	Price
511881	743081-8	Hook & Loop Pad. For Mfr. BO5030.	\$31.80

Porter Cable 5" Sanders

Stk.	Mfr.	Item	Price
627294	14700	5-Hole Standard Profile PSA Pad. For Mfr. 7345.	\$25.80
627296	15000	5-Hole Standard Profile Hook & Loop Pad. For Mfr. 7345.	\$28.90
627297	15001	5-Hole Contour Hook & Loop Pad. For Mfr. 7345.	\$34.60
627189	13700	No Hole Standard Profile PSA Replacement Pad. For Mfr. 7345.	\$27.00
627190	13701	No Hole Contour PSA Replacement Pad. For Mfr. 7345.	\$42.90
627700	151281-08	8-Hole Hook & Loop Pad. For Mfr. 382 343K, 343VSK.	\$22.40
626635	N063102SV	Dust Canister. For 343K, 343 VSK, 344 & 333, 334, 382.	\$9.94

Porter Cable 5 & 6" Sanders Includes dust collection hood, dust collection hose & 1-1/2" to 2-1/2" adapter.

Stk.	Mfr.	Item	Price
636607	73333	Dust Hood & Hose. For Mfr. 7334, 7335, 7336. Dust collector sanding pads sold separately.	\$41.80

Porter Cable 6" Sanders

Stk.	Mfr.	Item	Price
627300	18001	6-Hole Standard Profile Hook & Loop Pad. For Mfr. 7346.	\$31.70
627210	16000	No Hole Standard Profile PSA Pad. For Mfr. 7346.	\$29.30

5" Random Orbital Sander Replacement Pads

DEWALT

Hook & Loop For 333.

Stk.	Mfr.	Item	Price
627200	13905	5-Hole Contour	\$22.60
627209	13904	5-hole Standard Profile	\$23.10

PSA For 332.

Stk.	Mfr.	Item	Price
627207	13900	Standard Profile	\$23.10

PSA For 334.

Stk.	Mfr.	Item	Price
627208	13901	5-hole Standard Profile	\$23.10
627701	151281-09	8-Hole	\$22.40

5" Eight Hole Hook & Loop Paper Sanding Discs

NORTON Aluminum oxide discs with heavy-duty, tear resistant hook-and-loop backing.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
608478	49155	220	4	\$4.35
608496	49218	220	25	\$14.60
608497	49219	180	25	\$14.60
608479	49156	150	4	\$4.35
608502	49220	150	25	\$14.60
600489	02208	120	4	\$4.18
608498	49221	120	25	\$14.60
608481	49157	100	4	\$4.35
608501	49222	100	25	\$14.60
600490	02209	80	4	\$4.18
608499	49223	80	25	\$15.20
608480	49158	60	4	\$4.35
608500	49224	60	25	\$15.80

Open Coat Abrasive Discs

NORTON Resist loading and provide more consistent cutting and finishing. Self-adhesive discs stay flat against sanding pad without wrinkling or tearing and avoid the uneven wear that shortens abrasive life.

5" Adhesive

Stk.	Mfr.	Holes	Grit	Qty./Box	Price
600474	01647	5	220	50/roll	\$16.20
600473	01645	5	150	50/roll	\$16.20
600472	01644	5	120	50/roll	\$16.20
600471	01643	5	100	50/roll	\$16.20
636540	73-550-08-25	5	80	25	\$15.20
600470	01642	5	80	50/roll	\$17.20
636549	72-580-22-25	8	220	25	\$13.00
636548	72-580-18-25	8	180	25	\$13.00
636547	72-580-12-25	8	120	25	\$13.00
636546	72-580-10-25	8	100	25	\$11.10
636545	72-580-08-25	8	80	25	\$13.00
608542	49825	None	220	100/roll	\$31.30
608541	49827	None	150	100/roll	\$31.30
608539	49830	None	80	100/roll	\$36.00
608504	49232	None	220	50/roll	\$16.20
608507	49239	None	150	50/roll	\$16.20
608505	49236	None	100	50/roll	\$16.20
608506	49238	None	80	50/roll	\$17.20

5" Hook & Loop

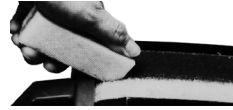
636544	73-550-22-25	5	220	25	\$15.20
636543	73-550-18-25	5	180	25	\$15.20
636542	73-550-12-25	5	120	25	\$15.20
636541	73-550-10-25	5	100	25	\$13.60
600501	04057	5 & 8	220	25	\$14.70
600500	04058	5 & 8	180	25	\$14.70
600502	04059	5 & 8	150	25	\$14.70
600503	04060	5 & 8	120	25	\$14.70
600504	04061	5 & 8	100	25	\$14.70
600505	04062	5 & 8	80	25	\$15.30
600506	04063	5 & 8	60	25	\$15.90
608540	49829	None	100	100/roll	\$31.30

6" Adhesive

608508	49240	None	220	50/roll	\$21.00
608509	49242	None	150	50/roll	\$21.00
608510	49244	None	100	50/roll	\$21.00
608511	49246	None	80	50/roll	\$23.40

6" Hook & Loop

600452	01635	6	220	25	\$20.50
600451	01634	6	150	25	\$20.50
600450	01633	6	100	25	\$20.50
600453	01636	6	80	25	\$21.50



Belt & Disc Cleaner

Woodstock Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt & disc sanders.

Stk.	Mfr.	Size	Price
786800	W1305	1-3/8" x 1-3/8" x 8-1/2"	\$9.32
786802	W1307	2" x 2" x 12"	\$18.00

Feathering Disc Adhesive



3M Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
590401	08051	5 oz.	\$24.90

PSA Disc Roll Dispenser



NORTON Individually dispenses & removes disc from roll. For 5" or 6" disc roll or sheet roll.

Stk.	Mfr.	Price
608170	42772	\$84.60

Spray Adhesive



Elmer's Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
257620	E451	Standard	11 oz.	\$7.78
257623	E456	Extra Strength	10 oz.	\$10.20

High-Strength Spray Adhesive



Krylon Permanent, high-strength adhesive w/extended open tack time (30 min. dry to touch, 3 hrs. dry to handle). Dries clear w/out bleed through, will not swell, wrinkle or warp, acid free & archival-safe. Use for wood, metal, wicker, plastic, glass, craft foam, plaster, ceramic, fabric, paper & paper mache.

Stk.	Mfr.	Qty.	Price
943196	7010	11 oz.	\$8.26

Super 77™ Multipurpose Adhesive Aerosol



3M High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
590400	77	16.5 oz.	\$22.10

Place your order on-line!
www.midwesttechnology.com

Belt Sanders



PORTER+CABLE 622874 *Makita* **511567** **PORTER+CABLE 622554** *Makita* **511569** **PORTER+CABLE 622603**



PORTER+CABLE 622604 *Makita* **511537** **PORTER+CABLE 622737** **PORTER+CABLE 622738**

2-1/2" x 14"

Stk.	Mfr.	Brand	Volts	Amps	Speed (sfpm)	Tool Size	Tool Weight	Price
622874	371K	Porter Cable	120	5	1,100	10-3/4"L	5 lbs.	\$176.00

3" x 21"

Stk.	Mfr.	Brand	Volts	Amps	Speed (sfpm)	Tool Size	Tool Weight	Price
511567	9903	Makita	115	8.8	690-1,440	11-5/8"L	9.5 lbs.	\$328.00
622554	352VS	Porter Cable	120	8	850-1,300	11-3/4"L	10.75 lbs.	\$221.00

3" x 24"

Stk.	Mfr.	Brand	Volts	Amps	Speed (sfpm)	Tool Size	Tool Weight	Price
511569	9920	Makita	115	8.8	690-1,440	13-1/8"L	9.9 lbs.	\$336.00
622603	360	Porter Cable	120	12	1,500	14"L	14.5 lbs.	\$320.00
622604	360VS	Porter Cable	120	12	1,000-1,500	14"L	14.5 lbs.	\$320.00

4" x 24"

Stk.	Mfr.	Brand	Volts	Amps	Speed (sfpm)	Tool Size	Tool Weight	Price
511537	9403	Makita	115	11	1,640	13-7/8"L	13 lbs.	\$386.00
622737	362	Porter Cable	120	12	1,500	14"L	15 lbs.	\$344.00
622738	362V	Porter Cable	120	12	1,000-1,500	14"L	15 lbs.	\$359.00

Belt Sander Accessories

PORTER+CABLE For Mfr. 352, 352VS, 360, 360VS & 503 (type 2).

Stk.	Mfr.	Item	Price
627896	692639	Dust Bag	\$11.50
627900	39334	Dust Bag Assembly	\$18.60

3X High Performance Sanding Belts

NORTON Zirconia alumina self-sharpening abrasive belts. Reduced loading. Runs in both directions.

Stk.	Mfr.	Size	Grit	Qty.	Price
601300	03995	3"W x 21"L	50	1	\$4.71
605983	49265	3"W x 21"L	50	5	\$17.30
601301	03996	3"W x 21"L	80	1	\$4.34
605982	49264	3"W x 21"L	80	5	\$16.00
601302	03997	3"W x 21"L	120	1	\$4.19
605980	49262	3"W x 21"L	120	5	\$15.60
601303	03999	3"W x 24"L	50	1	\$5.03
605988	49271	3"W x 24"L	50	5	\$17.80
601304	04000	3"W x 24"L	80	1	\$4.65
605987	49270	3"W x 24"L	80	5	\$17.20
601305	04001	3"W x 24"L	120	1	\$4.47
605985	49268	3"W x 24"L	120	5	\$16.70
601306	04003	4"W x 24"L	50	1	\$7.85
605993	49277	4"W x 24"L	50	5	\$28.80
601307	04004	4"W x 24"L	80	1	\$7.11
605992	49276	4"W x 24"L	80	5	\$27.00
601308	04005	4"W x 24"L	120	1	\$6.90
605990	49274	4"W x 24"L	120	5	\$26.20

Sanding Belts

NORTON Aluminum oxide abrasive belts that have been resin-bonded on X weight cloth.

Quantity Savings!

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
636500	712400605	2-1/2"W x 14"L	60	5	\$10.20	
636501	712400805	2-1/2"W x 14"L	80	5	\$10.20	
636502	712401005	2-1/2"W x 14"L	100	5	\$10.20	
636503	712401205	2-1/2"W x 14"L	120	5	\$10.20	
604105	27927	3"W x 21"L	40	1	\$3.19	\$2.87
604103	27926	3"W x 21"L	50	1	\$3.08	\$2.77
604036	27925	3"W x 21"L	60	1	\$2.69	\$2.42
603969	27924	3"W x 21"L	80	1	\$2.55	\$2.29
603902	27923	3"W x 21"L	100	1	\$2.48	\$2.23
603833	27922	3"W x 21"L	120	1	\$2.48	\$2.23
604840	27937	3"W x 24"L	40	1	\$3.07	\$2.78
604773	27936	3"W x 24"L	50	1	\$2.96	\$2.66
604706	27935	3"W x 24"L	60	1	\$2.89	\$2.59
604639	27934	3"W x 24"L	80	1	\$2.79	\$2.49
604572	27933	3"W x 24"L	100	1	\$2.64	\$2.38
604505	27932	3"W x 24"L	120	1	\$2.64	\$2.38
605514	27947	4"W x 24"L	40	1	\$5.00	\$4.50
605512	27946	4"W x 24"L	50	1	\$4.81	\$4.33
605510	27945	4"W x 24"L	60	1	\$4.66	\$4.19
605442	27944	4"W x 24"L	80	1	\$4.41	\$3.70
605376	27943	4"W x 24"L	100	1	\$4.25	\$3.82
605309	27942	4"W x 24"L	120	1	\$4.25	\$3.82

SAWS

Jig Saws



Cordless

Stk.	Mfr.	Brand	Volts	Amps	Speed (spm)	Stroke Length	Blade	Capacity	Bevel	Orbital Settings	Tool Size	Tool Weight	Price
242890	DC330K	DeWalt	18		0-3,000	1"	T-Shank	N/A	45°	4	9-3/4"L	7.5 lbs.	\$355.00

Corded

258942	JS470E	Bosch	120	7	500-3,100	1"	T-Shank	5-7/8" wood, 7/8" aluminum, 3/8" steel	45°	N/A	9-5/8"L	5.6 lbs.	\$222.00
258943	JS470EB	Bosch	120	7	500-3,100	1"	T-Shank	5-7/8" wood, 7/8" aluminum, 3/8" steel	45°	N/A	9-5/8"L	5.6 lbs.	\$229.00
243021	DW317K	DeWalt	120	5.5	0-3,100	1"	T & U-Shank	1/4" steel, 3/4" aluminum, 2-3/8" wood	45°	4	N/A	6.2 lbs.	\$145.00
243023	DW331K	DeWalt	120	6.5	500-3,100	1"	T-Shank	N/A	45°	4	N/A	6.4 lbs.	\$215.00
616539	CJ90VST	Hitachi	120	5.5	850-3,000	3/4"	T-Shank	3-1/2" wood, 5/16" steel	45°	2	N/A	4.9 lbs.	\$119.00
511442	4350FCT	Makita	115	6.3	800-2,800	1"	T-Shank	5-5/16" wood, 3/8" steel	45°	3	9-1/4"L	5.3 lbs.	\$263.00
511474	4329K	Makita	115	3.9	500-3,100	1 1/16"	T-Shank	2-9/16" wood, 1/4" steel	45°	3	8-7/8"L	4.2 lbs.	\$108.00
575913	6268-2I	Milwaukee	120	6.5	0-3,000	1"	T-Shank	N/A	45°	4	9-1/2"L	6.4 lbs.	\$225.00
626661	PC600JS	Porter Cable	120	6	0-3,000	1 3/16"	T & U-Shank	3-1/2" wood	45°	4	9-1/2"L	6.5 lbs.	\$102.00
260563	4395-01	Skil	120	5.5	0-3,200	1 3/16"	T & U-Shank	2-1/4" sft. wood, 1-3/8" hd. wood, 1/2" aluminum	22.5° & 45°	4	9"L	6.4 lbs.	\$74.00



T-Shank Bi-metal Jig Saw Blades

Saber/jig saw blades of bi-metal cut faster, straighter and last much longer than ordinary high speed blades.

DeWalt 5-Piece Set 3"-4"L blades for wood (fast, fast/clean & clean cuts), laminate (downcuts) & metal (medium cuts). High-carbon steel gives optimal flexibility in wood. Bi-metal steel strength in metal. 6-18 tpi taper-ground teeth designed for speed & precision. Fits all saws.

Stk.	Mfr.	Price
243057	DW3795H	\$9.50

Morse For metals over 18 ga., tubing & conduit.

Stk.	Mfr.	TPI	Length	Width	Thickness	Qty.	Price
543190	SB0318	18	3"	3/8"	.035"	1	\$3.12

Morse For steel & nonferrous metal 1/8" thick & up.

543189	SB0314	14	3"	3/8"	.035"	1	\$3.12
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Morse For thin metals, plastic fine cuts under 18 ga.

543191	SB0324	24	3"	3/8"	.035"	1	\$3.12
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Morse For wood, fiberboard, asbestos & roughing work.

543192	SB0406	6	4"	5/16"	.040"	1	\$3.86
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Morse Bi-Metal Blades For all woods, composition material, plastic & plywood.

543193	SB0410	10	4"	5/16"	.035"	1	\$3.86
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Morse For thin material. Straight cuts (flexible & break-resistant) in metal, nonferrous metal, aluminum, sheet metal, Plexiglas 1/16" x 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
259199	T118AF	24	3"	5	\$14.90

Morse For thick material. Straight cuts (easy curve cutting, flexible & break-resistant) in metal, nonferrous metal, aluminum 1/8" to 1/4", Plexiglas 1/8" to 3/4".

259202	T118BF	14	3"	5	\$14.90
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Bosch All purpose cutting. Straight cuts in wood, OSB, plastic 3/16" to 1-1/4".

259136	T111CF	8	4"	5	\$15.70
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Bosch All purpose cutting. Curve cuts in wood w/nails, plastic 1/8" to 1-1/4", non-ferrous metal & aluminum 1/8" to 1/2".

259320	T211HF	10	3"	5	\$16.40
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Bosch Metal cutting. Straight cuts in medium thin ferrous & non-ferrous metals 5/64" to 7/32".

259203	T118EF	10	3-5/8"	5	\$14.90
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Bosch Metal cutting. Fast, straight cuts in aluminum 3/16" to 5/8", fiberglass 3/16" to 3/4", plastic 3/16" to 1-1/4".

259251	T127DF	8	4"	5	\$16.30
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Bosch Wood cutting. Straight fine cuts in hard wood, soft wood, plastic, plywood, laminated particle board 3/16" to 1-1/4".

259070	T101BF	10	4"	5	\$17.50
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Bosch 30-Piece Set Cuts metal & wood. **Includes** 5 ea. of (118AF, 118EF, 127DF, 211HF, 101BF & 111CF).

544848	MWV-20BIM	\$79.00
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T-Shank High Carbon Steel Jig Saw Blades
BOSCH

For fast clean cuts of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
259069	T101D	6	4"	5	\$11.50

For fast fine cuts in hard & softwood, particleboard, laminated particleboard 3/16" to 2-3/8" & plastics 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
259405	T301CD	8	4-5/8"	5	\$18.30

For fast rough curve cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
259402	T244D	6	4"	5	\$12.00

For fast rough cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
259268	T144D	6	4"	5	\$11.20

For fine cuts of wood, plywood & veneer.

Stk.	Mfr.	TPI	Length	Qty.	Price
259065	T101AO	20	3"	5	\$8.91

For medium rough cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
259134	T111C	8	4"	5	\$7.65

For very clean cuts of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
259067	T101B	10	4"	5	\$11.50

30-Piece Contractor Set Cuts metal & wood. **Includes** 3 sets of 4"L blades (10 of T101B & 5 ea. of T#s 101D, 144D) & 2 sets of 3"L blades (5 ea. of T#s 118A, 118B).

Stk.	Mfr.	TPI	Length	Qty.	Price
259274	T30C				\$53.30

30-Piece Woodworking Set **Includes** 3 sets of 4"L blades (10 ea. of T#s 101B, 101D & 144D).

Stk.	Mfr.	TPI	Length	Qty.	Price
259275	T30W				\$53.30



T-Shank HSS Jig Saw Blades
BOSCH

For 1/8" to 1/4" mild steel & nonferrous metals.

Stk.	Mfr.	TPI	Length	Qty.	Price
259201	T118B	14	3"	5	\$10.50

For curve cutting of mild steel & nonferrous metals.

Stk.	Mfr.	TPI	Length	Qty.	Price
259335	T227D	8	4"	5	\$13.30

For thin material. Straight cuts in metal, nonferrous metal, aluminum & sheet metal 1/16" to 1/8".

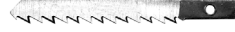
Stk.	Mfr.	TPI	Length	Qty.	Price
259198	T118A	24	3"	5	\$10.50

For fast straight cuts in aluminum 3/16"-5/8", plastic 3/16" to 1-1/4", nonferrous metal, metal 3/16" to 1/4", fiberglass, lead & tin 3/16" to 3/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
259250	T127D	8	4"	5	\$12.20

For curve-cutting thin material in metal, nonferrous metal, aluminum & sheet metal 1/16" to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
259325	T218A	24	3"	5	\$11.60



U-Shank Bi-metal Jig Saw Blades
MORSE

For wood, fiberboard, asbestos & coarse cutting.

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543196	SB3606	6	4"	3/8"	.035"	1/4"	\$2.96

For wood, plywood & hardboard.

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543197	SB3610	10	4"	3/8"	.035"	1/4"	\$2.96

For scroll-cutting wood, nonferrous metals, fiberglass & plywood.

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543213	SB412	12	3-5/8"	3/16"	.035"	1/4"	\$2.96

For nonferrous metals, fiberglass, hard rubber & nail-embedded wood.

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543198	SB3614	14	4"	3/8"	.035"	1/4"	\$2.96

For metal 18 ga. & under.

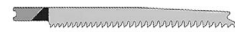
Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543194	SB2718	18	3"	3/8"	.035"	1/4"	\$2.65

For metal & nonferrous metals up to 1/8".

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543195	SB2724	24	3"	3/8"	.035"	1/4"	\$2.65

5-Piece Set **Includes** 5 blades (1 ea. SB2718, SB2724, SB3606, SB3610 & SB3614).

Stk.	Mfr.	TPI	Length	Width	Thickness	Shank	Price
543205	SBC01				.035"	1/4"	\$13.00



U-Shank High Carbon Steel Jig Saw Blades
BOSCH

Bosch For fast coarse cuts in softwoods, OSB & plywood 3/16" to 2".

Stk.	Mfr.	TPI	Length	Qty.	Price
259407	U111C	8	3-5/8"	5	\$8.78

Bosch For straight cuts in sheet metal 10-16 ga. & ferrous & nonferrous thin metals 1/16" to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
259410	U118A	17-24	3-1/8"	5	\$8.35

Bosch For straight fine cuts in hard & softwood, plastics, OSB, plywood, laminated particleboard 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
259406	U101B	10	3-5/8"	5	\$11.30

DeWalt 10-Piece Set 3"-4"L blades for wood (fast, fast/clean, fine & scrolling cuts) & laminate (downcuts). High-carbon steel for optimal flexibility in wood. 6-12 tpi taper-ground teeth designed for speed & precision. Fits all saws.

Stk.	Mfr.	Price
243058	DW3744C	\$22.30



U-Shank HSS Jig Saw Blades
Makita

For cutting extra fine plies, light ferrous or nonferrous material up to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
511804	723012-3-2	24	3-7/32"	2	\$5.85

For cutting coarse wood up to 2".

Stk.	Mfr.	TPI	Length	Qty.	Price
511826	723024-6-2	8	3-7/32"	2	\$6.75

For fast finish work.

Stk.	Mfr.	TPI	Length	Qty.	Price
511800	723010-7-2	9	3-7/32"	2	\$4.47



Hook Shank Bi-metal Jig Saw Blade
MORSE

For wood, plastic & compositions.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543202	SBB306	6	3"	3/8"	.035"	\$3.42

For wood, composition nonferrous metals & medium-smooth finish.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543203	SBB310	10	3"	3/8"	.035"	\$3.42

For steel & nonferrous metals 1/8" thick & above, plastic, asbestos, fiberglass, hard rubber & fiber.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543204	SBB314	14	3"	3/8"	.035"	\$3.42

For metal over 1/8" thick, plastic & fiberglass.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543199	SBB214	14	1-3/4"	1/4"	.035"	\$2.82

For heavy-gauge metal 18 ga. to 1/8" thick.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543200	SBB218	18	1-3/4"	1/4"	.035"	\$2.82

For metal 18 ga. & under.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543201	SBB224	24	1-3/4"	1/4"	.035"	\$2.82

9-Piece Set Includes 9 blades (1 ea. SBB214, SBB218, SBB224 & 2 ea. SBB306, SBB314, SBB310).

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
543821	MW-JSBS				.035"	\$28.50



Hook Shank HSS Jig Saw Blades
PORTER+CABLE

For cutting metal.

Stk.	Mfr.	TPI	Length	Width	Price
626828	12346	14	3"	3/8"	\$2.70
626831	12349	24	3"	3/8"	\$2.70

For extra smooth wood-cutting.

Stk.	Mfr.	TPI	Length	Width	Price
626562	12320	20	3"	3/16"	\$3.03

For general wood-cutting, laminates & plastics.

Stk.	Mfr.	TPI	Length	Width	Price
626895	12361	10	4-1/4"	3/8"	\$4.12

For rough wood-cutting.

Stk.	Mfr.	TPI	Length	Width	Price
626422	12306	6	3"	3/8"	\$3.62

For smooth scroll & circular cutting, Masonite, plywood, soft & hard grain trim stock & plastics.

Stk.	Mfr.	TPI	Length	Width	Price
627046	12379	10	3-1/2"	1/4"	\$2.83

Reciprocating Saws



DEWALT 242900 *Milwaukee* 575430 **BOSCH** 258956 **DEWALT** 243052 **DEWALT** 243028
Makita 511434 *Milwaukee* 576073 *Milwaukee* 576092 *Milwaukee* 576147 **PORTER+CABLE** 626667

Cordless

Stk.	Mfr.	Brand	Volts	Speed (opm)	Stroke Length	Tool Size	Tool Weight	Price
242900	DC385K	DeWalt	18	0-2,900	1"	N/A	7.1 lbs.	\$310.00
575430	2620-21	Milwaukee	18	0-3,200	1"	17.75"L	7.9 lbs.	\$329.00

Corded

Stk.	Mfr.	Brand	Volts	Amps	Speed (opm)	Stroke Length	Tool Size	Tool Weight	Price
258956	RS325	Bosch	120	12	0-2,800	1"	17.8"L	7 lbs.	\$192.00
243052	DW310K	DeWalt	120	12	0-2,700	1-1/8"	18"L	8.6 lbs.	\$200.00
243028	DW311K	DeWalt	120	13	0-2,700	1-1/8"	18"L	9 lbs.	\$234.00
511434	JR3050T	Makita	120	9	0-2,800	1-1/8"	17-3/4"L	7.1 lbs.	\$175.00
576073	6509-31	Milwaukee	120	12	0-3,000	3/4"	19"L	3.5 lbs.	\$184.00
576092	6519-31	Milwaukee	120	12	0-3,000	1-1/8"	19"L	3.5 lbs.	\$184.00
576147	6536-21	Milwaukee	120	13	0-3,000	1-1/4"	18-3/4"	9.8 lbs.	\$255.00
626667	PC75TRS	Porter Cable	120	7.5	0-3,200	1-1/8"	N/A	6.8 lbs.	\$99.50



Sawzall Blade Sets



9-Piece Set Includes molded case plus, 3 blades for thin metal (6" x 24 tpi), 3 blades for medium to thick metal (6" x 14 tpi), 2 ea. wood-cutting blades (6" & 9" x 6 tpi).

Stk.	Mfr.	Price
577582	49-22-1145	\$26.40

12-Piece Demolition Set Includes case plus, 6 Torch® metal-cutting blades (4 ea. 6" x 18 tpi & 2 ea. 9" x 14 tpi), 2 Wrecker™ general demolition blades (6" x 8 tpi), 2 ea. Ax™ blades for nail-embedded wood (6" & 9" x 5/8 tpi).

Stk.	Mfr.	Price
577581	49-22-1129	\$35.80



STEEL DEMON™ Bi-Metal Reciprocating Blades

Diablo Features nonstick Perma-Shield® coating for less heat, gumming & corrosion & Liquid Metal Technology™ for increased hardness of cutting edge provided maximum durability & speed.

For metals 3/32" to 5/16".

Stk.	Mfr.	TPI	Length	Width	Thickness	Qty.	Price
412001	DS0414BF5	14/18	4"	1"	.035"	5	\$13.70
412002	DS0614BF5	14/18	6"	1"	.035"	5	\$15.80
412003	DS0914BF5	14/18	9"	1"	.035"	5	\$20.30
412004	DS01214BF5	14/18	12"	1"	.035"	5	\$25.70

For metal demolition 1/8" to 1/2". Oversized body for straighter cuts w/ less vibration.

Stk.	Mfr.	TPI	Length	Width	Thickness	Qty.	Price
412005	DS0608BFD5	8/10	6"	3/4"	.063"	5	\$15.80
412006	DS0908BFD5	8/10	9"	3/4"	.063"	5	\$20.80



Demo Demon™ Bi-Metal Reciprocating Blades

Diablo Aggressor variable-tooth design increases tpi from the shank to the tip for fast, easy cuts w/less vibration. Easy-plunge tip.

For wood, wood composite & nail-embedded wood.

Stk.	Mfr.	TPI	Length	Width	Thickness	Qty.	Price
412043	DS0612BW5	6-12	6"	3/4"	.05"	5	\$15.80
412044	DS0912BW5	6-12	9"	3/4"	.05"	5	\$20.30
412045	DS1212BW5	6-12	12"	3/4"	.05"	5	\$25.90

For nail-embedded wood & metal.

Stk.	Mfr.	TPI	Length	Width	Thickness	Qty.	Price
412046	DS0914BGP5	8-14	9"	3/4"	.035"	5	\$20.30

14-Piece Set Includes case plus, wood-cutting blades (4 ea. 6" & 1 ea. 9" x 6-12 tpi), metal-cutting blades (4 ea. 6" x 14-18 tpi), wood & metal blades (4 ea. 6" x 8-14/18 tpi & 1 ea. 9" x 10/14 tpi).

412047	DS0014S						\$34.00
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Demo Demon™ Carbide Reciprocating Blades

Diablo Diablo TiCo™ Demo Demon™

Titanium Cobalt high-density carbide-tipped blades provide 10x the performance of standard blades. Features nonstick Perma-Shield® coating for less heat, gumming & corrosion, plus oversized demolition body for straighter cuts, less vibration.

For wood, wood composite & nail-embedded wood.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
412022	DS0606CWS	6	6"	1"	.05"	\$9.94
412023	DS0906CWS	6	9"	1"	.05"	\$14.40
412024	DS1206CWS	6	12"	1"	.05"	\$18.30



Bi-metal Reciprocating Saw Blade Set

MORSE Designed to fit all popular machines that take 1/2" shank. Bi-metal blades reduce breakage and last longer than conventional carbon and high-speed blades.

Includes 5 blades (1 wood-cutting & 4 metal-cutting).

Stk.	Mfr.	Price
543188	RBPO1	\$15.30



Straight Back Bi-Metal Reciprocating Blades



For heavy gauge metal.

Stk.	Mfr.	TPI	Length	Price
243130	DW4808	14	6"	\$2.58

For mild steel.

Stk.	Mfr.	TPI	Length	Price
243131	DW4811	18	6"	\$2.58

For metal trim cuts.

Stk.	Mfr.	TPI	Length	Price
243132	DW4813	24	6"	\$2.58



High Speed Steel Reciprocating Saw Blades



For fast, rough-in cuts in wood, plywood & particleboard, plastic (1/4" - 4").

Stk.	Mfr.	TPI	Length	Thickness	Price
511829	723050-A-5	6	6"	.050"	\$11.10

For pipe, conduit, channel & metal (1/4" - 4").

Stk.	Mfr.	TPI	Length	Thickness	Price
511831	723065-A-5	14	6"	.035"	\$15.50

For heavy gauge metal (1/8" - 3/16") & hard rubber.

Stk.	Mfr.	TPI	Length	Thickness	Price
511830	723063-A-5	18	4"	.035"	\$12.70

For pipe, conduit, channel & thin gauge metal (18 ga. to 1/8").

Stk.	Mfr.	TPI	Length	Thickness	Price
511832	723067-A-5	24	6"	.035"	\$15.30

For mild steel, plywood, Masonite, plastic & Formica.

Stk.	Mfr.	TPI	Length	Price
511972	792540-9	24	3-15/16"	\$18.70
511975	792541-7	9	4-3/4"	\$16.20

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4-1/2" Compact Circular Saw



Rockwell

- Small, compact size for excellent maneuverability & portability
- Slim-line grip design for comfort, balance & control

- Maximum blade clearance for best-in-class cutting capacity
- Easy-set depth gauge lever for quick setup & adjustments
- Left-handed blade design for great cut-line visibility
- Built-in dust port & adapter allows you to connect your vacuum for a cleaner work environment
- Small, thin blade for less tool strain, resulting in full-size circular saw cutting speed & performance
- Mfr.'s 3-yr. limited warranty

Blade: 4-1/2" x 3/8" x 24T. Arbor: 3/8". Max. cutting depth: 1-11/16" @ 90°. Bevel capacity: 1-1/8" 45°. Weight 5 lbs.

Includes 24 TPI carbide-tipped blade, parallel guide, 1-1/4" O.D. vacuum adapter & hex key.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
693819	RK3441K	120	5	3,500	\$130.00



Track Saw

DEWALT Zero clearance TrackSaw® cutting system delivers precise, straight, splinter-free cuts. High-power 12 amp motor effortlessly cuts through hardwoods up to 2-1/8"T.

- Dual edge track system provides perfectly straight cuts in both directions

- Low-profile blade guard allows saw use in confined spaces
- Continuous anti-kickback mechanism & riving knife prevent kickback
- On-track scale accurately indicates exact depth-of-cut (*accounting for track thickness*)
- Straight plunge mechanism for optimal ergonomics
- Universal 1-1/4" dia. dust port

Capacities: 1-5/8" @ 45°, 2-1/8" @ 90°. Bevel 47°. Tool size 12"L. Tool weight 11.5 lbs.

Includes 6-1/2" 48 tpi precision-ground blade, 59"L track, blade wrench & molded case.

Track Saw Kit

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Arbor	Price
243250	DWVS520SK	120	12	1,750-4,000	3/4"	\$623.00

46"L Track Dual-edged track work in both directions.

243251	DWVS5020					\$84.70
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59"L Track Dual-edged track work in both directions.

243252	DWVS5022					\$106.00
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Track Connector Joins 2 tracks together for added length & capacity.

243253	1009154-00					\$21.40
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Saw-Max™



Dremel Powerful enough to cut through virtually any material and simple enough to be able to control with one hand. It's compact size and ergonomic design makes it easy to handle, easy to follow the cut line, and easy to store.

- Worm Drive™ gearing for durability & power
- Perfect for straight cuts, flush cuts & plunge cuts
- Depth guide for precise plunge cuts
- On board dust extraction port
- Lock-on button
- 7' durable rubber cord
- Mfr.'s 2-yr. warranty

Tool weight 3.85 lbs.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343570	SM20-02	120	6	17,000	\$175.00

Ultra-Saw™ Kit



Dremel Mini circular saw that cuts wood, plastic, metal, drywall, fiberboard and tile using the applicable Ultra-Saw™ accessories. With a 7.5 Amp motor and a durable drive train, the Ultra-Saw has power for making long cuts.

- Tool goes beyond cutting w/surface preparation applications including rust, paint & thinset removal
- Improved drive-train plus metal foot & guard handle tough applications
- Excellent line of sight for precise cuts
- 7' durable rubber cord for a wide working range
- Mfr.'s 2-yr. warranty

Tool size 13"L x 5"H. Tool weight 4.6 lbs.

Includes 4" diamond surface prep wheel, 4" carbide wood cutting wheel, 3.5" metal cutting wheel, 4" carbide wood flush cutting wheel, auxiliary handle & tool bag.

Stk.	Mfr.	Volts	Amps	Speed	Price
343575	US40-01	120	7.5	13,000	\$172.00

Please visit midwesttechnology.com for the complete specifications of the products listed on this page.

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Kevin Luft ext. 3105
kluft@midwesttechnology.com



Circular Saws



Cordless

Stk.	Mfr.	Brand	Blade Dia.	Volts	Amps	Speed (rpm)	Arbor	Capacity	Tool Weight	Price
242905	DC390K	DeWalt	6-1/2"	18		0-3,700	5/8"	2-1/4" @ 90° 1-5/8" @ 45°	8.7 lbs.	\$310.00
575435	2630-22	Milwaukee	6-1/2"	18		3,500	5/8"	2-1/8" @ 90° 1-5/8" @ 45°	8.5 lbs.	\$492.00

Corded

258938	CS10	Bosch	7-1/4"	120	15	5,600	5/8"	2-7/16" @ 90° 1-5/8" @ 50° 1-7/8" @ 45°	10.2 lbs.	\$185.00
258974	SHD77-02	Bosch	7-1/4"	120	15	N/A	Diamond	2-13/32" @ 90° 1-31/32" @ 45°	14.2 lbs.	\$247.00
616505	C7SB2	Hitachi	7-1/4"	120	15	5,800	5/8"	2-3/8" @ 90° 1-27/32" @ 45°	10.1 lbs.	\$147.00
243017	DW364	DeWalt	7-1/4"	120	15	5,800	5/8"	1-3/4" @ 50° 1-7/8" @ 45°	12.3 lbs.	\$278.00
243054	DWE575SB	DeWalt	7-1/4"	120	15	5,200	5/8"	2.55" @ 90° 1.9" @ 45°	8.8 lbs.	\$181.00
243254	DWS535	DeWalt	7-1/4"	120	15	4,800	Diamond	2-7/16" @ 90° 1-1/2" @ 53° 1-7/8" @ 45°	13.8 lbs.	\$290.00
511368	5007FA	Makita	7-1/4"	120	15	5,800	5/8"	2-3/8" @ 90° 1-3/4" @ 45°	11.1 lbs.	\$197.00
511418	5477NB	Makita	7-1/4"	120	15	4,500	5/8"	2-3/8" @ 90° 1-3/4" @ 45° 1-9/16" @ 50°	13.9 lbs.	\$224.00
511470	5005BA	Makita	5-1/2"	115	8	8,000	5/8"	1-3/16" @ 45° 1-3/4" @ 90°	6.2 lbs.	\$360.00
576000	6390-21	Milwaukee	7-1/4"	120	15	5,800	5/8"		10.4 lbs.	\$189.00
626665	PC13CSL	Porter Cable	7-1/4"	120	13	5,000	5/8"	2-3/8" @ 90°	11 lbs.	\$84.20
260462	5480-01	Skil	7-1/4"	120	13	4,600	5/8"	2-7/16" @ 90° 1-15/16" @ 45°	11.8 lbs.	\$83.50

Metal Cutting

877768	CSM7NXTB	Morse	7"	120	13	3,800	20mm	2-5/16" @ 90°	13 lbs.	\$400.00
877769	CSM9NXTB	Morse	9"	120	15	2,300	1"	3-1/4" @ 90°	20 lbs.	\$618.00

Evolution 7" & 9" Metal-cutting Circular Saw Blades



Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
877777	CSM740NSC	7"	7/8"	40	\$95.90
877778	CSM948NSC	9"	1"	48	\$119.00

Carbide-tipped Circular Saw Blades

General Purpose Combination

Stk.	Mfr.	Dia.	Teeth	Arbor	Price
627086	12870	4-1/2"	20	3/8"	\$25.90
243105	DW3174	7-1/4"	20	5/8"	\$17.60
243106	DW3191	7-1/4"	18	5/8"	\$20.10
412031	D0724X	7-1/4"	24	5/8"	\$15.40
412032	D0840X	8"-8-1/4"	40	5/8"	\$37.20

General Purpose Combination Alternate top bevel & raker. For table & miter saws.

243114	DW3184	8"-1/4"	40	5/8"	\$35.50
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Classic Series Blades

452670	15120	6-1/2"	24	5/8"	\$11.40
452675	15130	7-1/4"	24	5/8"	\$7.64
452685	15230	7-1/4"	40	5/8"	\$12.10

Marathon® Series Blades

452686	14030	7-1/4"	24	5/8" Diamond	\$15.30
452687	14031	7-1/4"	40	5/8" Diamond	\$28.30
452688	14050	8"-8-1/4"	30	5/8" Diamond	\$23.70

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.

Abrasive Cut-off Blades

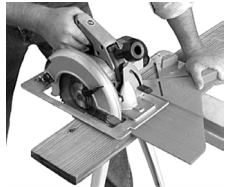


Aluminum Oxide For metal.

Stk.	Mfr.	Blade Dia.	Arbor	Thickness	Price
611936	89005	7"	5/8" Diamond	1/8"	\$4.65
612003	89010	8"	5/8" Diamond	1/8"	\$5.11

Silicone Carbide For masonry.

Stk.	Mfr.	Blade Dia.	Arbor	Thickness	Price
612137	89055	7"	5/8" Diamond	1/8"	\$4.76
612204	89070	8"	5/8" Diamond	1/8"	\$5.51



Pro-Cut™ Portable Saw Guide

Bench Dog Easy-to-use for perfect 90° cross-cuts. Instantly aligns saw to cut line. Dramatically reduces kickback, binding & bent blades. Protects workpiece while cutting lumber, siding, I-beams, trim, stair treads & more. Use for marking, measuring & layout. For right-blade

saws only.

Stk.	Mfr.	Price
235423	10-019	\$17.60



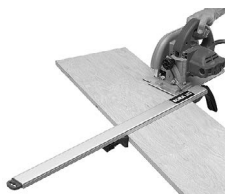
Rip-Cut™ Circular Saw Guide

Kreg Quickly & easily attaches to most right or left blade circular saws. Cuts from 1/8" to 24" wide material w/tremendous accuracy. Made of

high quality aluminum & impact resistant plastic polymer.

Includes solid aluminum guide rail, easy-to-read adjustable scale & reversible guide arm.

Stk.	Mfr.	Size	Price
793896	KMA2675	10.5"W x 30"L	\$34.70



Clamp Edge™

Bora Straight-edge clamping guides for woodworking, cabinetmaking, carpentry, etc. Use with circular, jig saws, routers and more. Clamps easily on everything from dimensional lumber to large sheets of flat building materials.

Over-sized clamping handle (*w/lever-locking mechanism*) provides increased clamping pressure. Large, rubberized clamps safely secure material. Aircraft-grade extruded aluminum body insures straight accurate cuts and rigid clamping. Easy-hang storage.

Stk.	Mfr.	Length	Max. Opening	Price
193615	543024	24"	24"	\$44.00
193616	543036	36"	36"	\$50.60
193617	543050	50"	50"	\$58.30



Precision Bit & Blade Setup Bars

Kreg Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

Includes 7 setup bars: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" & case.

Stk.	Mfr.	Price
793904	PRS3400	\$48.60



14" Mason Mite II Cut-off Concrete Saw

Husqvarna Tough saws have lifetime sealed bearings that won't require greasing. Cut masonry, concrete, brick and tile. 14" blade guard allows a full 5" cutting depth.

- 2 pivot points reduce saw maintenance & prolong diamond blade life
- Cutting head pivots on bearings that are sealed & lubricated for life
- Position head to desired height, then tighten the lock handle

- Hold the handle & plunge cut blade into the material
- Sta-level® blade guard keeps the blade guard parallel to the cutting table for accurate cuts & safety
- Spring tension counter-balances cutting head & the cutting head height can be adjusted with a lock handle located on the counter balance arm
- Ergonomic steel handle w/molded grip bolts securely into place
- Powder-coated paint resists rust & scratches
- Solid cast aluminum cutting cart w/bonded rubber surface to grip materials

Includes steel water pan.

Requires blade, sold separately.

Stk.	Mfr.	Volts	HP	Blade Dia.	Arbor	Price
256600	11-502-C2	115	2	14"	1"	\$2,789.00

Cast Aluminum Stand

Stk.	Mfr.	Price
256615	11-583-B3	\$289.00

14" Diamond Masonry Blade

Stk.	Mfr.	Price
256670	21-607-B7	\$161.00

14" Rapid Cut-off Concrete Saw

Partner Cut masonry, concrete, asphalt, metal and more. 14" blade guard allows a full 5" cutting depth.

- Dual air filter system
- Totally-enclosed dry belt

- Consistent & dependable 2-cycle, 74cc air-cooled gas engine

Includes wet-cutting kit.

Requires blade, sold separately.

Stk.	Mfr.	Engine	HP	Blade Dia.	Arbor	Price
256650	14-804-B2	Gas	5	14"	1"	\$1,332.00

14" Masonry Blade

Stk.	Mfr.	Price
256655	14-829-B8	\$26.30

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Portable VS Deep-cut Band Saws

DEWALT



242980

242981

Stk.	Mfr.	Volts	Amps	Speed (fpm)	Blade Length	Capacity	Tool Size	Tool Weight	Price
242980	DWM120	120	10	100-350	44-7/8"	5" x 4-3/4"	21"L	15 lbs.	\$402.00
242981	DWM120K	120	10	100-350	44-7/8"	5" x 4-3/4"	21"L	15 lbs.	\$471.00

242981 | Includes molded case.

Portable Band Saw Blades

DEWALT

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
243060	DW3981	1/2"	44-7/8"	.020"	10	\$24.60
243061	DW3982	1/2"	44-7/8"	.020"	14	\$24.60
243062	DW3983	1/2"	44-7/8"	.020"	18	\$24.60

PORTABLE PLANERS



BOSCH

258957

DEWALT

243155

Makita

511358

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Capacity	Tool Size	Tool Weight	Price
258957	PL1682	Bosch	120	6	16,500	3-1/4"W, 1/16"D, 5/16"D rabbeting	11-1/8"L	6 lbs.	\$147.00
243155	D26677K	DeWalt	120	5.5	17,000	3-1/4"W, 1/16"D, 23/64"D rabbeting	N/A	6 lbs.	\$211.00
511358	KP0810	Makita	120	7.5	16,000	3-1/4"W, 5-32"D	11-3/8"L	7.2 lbs.	\$304.00

Carbide-tipped Blades, 2/pkg.

258963	PA1202	Bosch							\$17.70
243112	DW6654	DeWalt							\$17.70
511350	D-46246	Makita							\$15.10

POCKET HOLE TOOLS & JIGS



Quikjig™ Pocket Hole Joinery System

PORTER-CABLE Automatic depth control allows easy set-up for different material thickness. Quick-adjusting clamp automatically adjusts to material thickness.

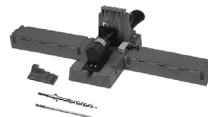
- Removable dust port
- Gauge recommends screw length for material thickness

- Repeatably clamp makes multiple-piece work quick & easy
- Built-in drill bit collar won't need changing for material thickness
- Variable spaced bushings allow pocket hole position variety

Material capacity: 1/2" to 1-1/2". Pocket bit 3/8" dia. Pilot bit 5/32" dia. Tool size 6-1/2"W x 9-3/4"L w 9"H. Tool weight 8 lbs.

Includes 2 square drive insert bits (6" & 3"), 3/8" drill bit & collar, hex key, clamp, 80 screws (twenty 1", twenty 1-1/4", forty 1-1/2") & manual.

Stk.	Mfr.	Price
623288	560	\$286.00



K5 Kreg Jig® System

Kreg Front-mounted clamp handle makes clamping easy. Ratcheting clamp mechanism adjusts without tools.

- Drill guide spacings (9/16", 7/8", 1-7/16")
- Screw centering (1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2")
- Quick-release pin holds drill block in place & can't get lost
- Storage wings provide built-in storage for bits, screws, accessories
- Stop-collar setting block makes drill bit setup easy
- Swiveling dust-collection port accepts standard 1-1/4" vacuum hose
- Adjustable workpiece stop mounts on either side for easy repeat drilling
- Fully assembled & ready to set up & use

Includes base w/ratcheting front-side clamp, extension wings, swiveling dust collection port, drill guide block, spacer block, workpiece stop, drill bit setup block, hex-shank stepped drill bit, 6" driver bit, stop collar, allen wrench, user guide, starter screw and plug pack, online Skillbuilder™ videos & downloadable project plans.

Stk.	Mfr.	Price
793903	K5	\$144.00



K4 Master System

Kreg Removable drill guide for use with bench top and portable bases. Bench top base with front clamping system puts the handle on the side of the workpiece you are working on.

- 1/8" incremental setting for material thickness from 1/2" to 1-1/2"

- 3-drill guide fixed spacing (9/16", 7/8", 1-7/16") puts pocket holes where they are needed for narrow to widest stock
- Dust collection shroud keeps workbench clean & extends bit life
- Material support stop allows consistent repeat hole spacing
- Hardened steel drill guides w/Mfr.'s lifetime warranty

Includes Face Clamp™, portable base, drill guide spacer, material support stop, dust collection attachment, 3/8" stepped drill bit, 2 square drivers (6" & 3"), 3" square driver, starter screw set, starter plug set, quick-start guide, SkillBuilder™ DVD & case.

Stk.	Mfr.	Price
793890	K4MS	\$142.00



K4 Kreg Jig®

Kreg Pocket hole system with everything needed to start building. Rugged, versatile jig features 1/8" incremental settings for materials from 1/2" to 1-1/2" thick. Exacting 3-drill guide with fixed spacing is removable for bench top and mobile use. Doubles as a repair tool.

Includes stepped drill bit, 6" square driver, starter screw set, starter plug set, SkillBuilder™ DVD, quick-start guide & molded case.

Stk.	Mfr.	Price
793865	K4	\$104.00



R3 Kreg Jig® Kit

Kreg Full-feature jig has 9-position settings and wood chip relief holes. Build bookcases, cabinets, plant stands, storage shelves and more. Hardened steel drill guides include a lifetime mfr.'s warranty.

Includes drill bit, depth collar, Allen wrench, built-in depth collar gauge, screw selection chart, clamp adapter & molded case.

Stk.	Mfr.	Price
793847	R3	\$52.70



HD Pocket Hole Jig

Kreg Optimized for 2x4's and larger stock. Utilizes #14 industrial-quality, heavy-duty, hardened-steel screws. Works great as a stand-alone jig mounted to a Kreg Face Clamp™. Connects directly to model K3 or K4 Kreg Jig® benchtop bases for upright drilling. Stop block provides easy, repeatable registration to workpiece. Quick change hex-shank drill bit.

Includes HD drill guide, stop block, 1/2" dia. HD stepped drill bit, HD stop collar & allen wrench, 6" HD driver bit & starter screw set.

Stk.	Mfr.	Price
793801	KJHD	\$70.20



Micro Pocket™ Drill Guide

Kreg 25% smaller hole dia. for creating compact, low-profile pocket-holes. Tackle smaller projects, extremely narrow stock (1/2"W) and tighter repair applications. Smaller hole is less noticeable on exposed joints. Works with K3 & K4 Kreg Jigs®. Quick ID black color. Use with 3/4" panhead screws, included in screw set.

Includes Micro Pocket drill bit & depth collar, plus starter screw set.

Stk.	Mfr.	Price
793879	KJMICRODGB	\$58.50



Mini Kreg Jig™ Kit

Kreg Single drill guide jig is the most positionable pocket hole tool. Designed without an alignment fence so it can be clamped at virtually any angle or orientation to the edge of a workpiece. Use when a project is already assembled and in need of any extra pocket hole or in repair applications like tightening a chair or table rail to the leg.

Includes 1-piece step drill bit & depth collar w/Allen wrench.

Stk.	Mfr.	Price
793855	MKJKIT	\$25.80



E-Z Pro™ Pocket Hole Jig Kit

General Create 3 types of professional pocket joints (flush, corner & angle) with accuracy and ease. Ideal for building cabinets, furniture and other woodworking projects. Heavy-duty aluminum body with hardened steel drill bushings and built-in clamping system. Portable or bench mount.

Includes clamping system, 3/8" step drill bit & drill stop w/wrench, 6" square drive bit, screws, instructions & DIY project plans.

Stk.	Mfr.	Price
419632	849	\$43.00



Foreman Pocket Hole Machine

Kreg Create pocket holes with speed and accuracy time and again. Start the powerful 110V motor, clamp your workpiece, and raise the drill bit through the table. This simple operation drills a precise pocket hole at the perfect depth.

- Creates 3 types of joints

- Portable & durable, w/ample workspace
- Built-in storage & dust collection
- Polyurethane base w/cast-aluminum tabletop
- Mfr.'s 1-yr. limited warranty

Material capacity: 1/2"- 1-1/2"T. Tabletop 14" x 23-1/2". Tool size 15"H x 19"L x 29-1/2"D. Tool weight 20 lbs.

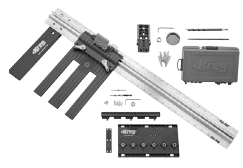
Includes adjustable fence w/spring-loaded stops, dust-collection attachment, 3/8" stepped drill bit & drill guide, drill bit setting block & manual.

Stk.	Mfr.	Volts	Price
793912	DB210	110	\$435.00

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DIY Project Kit



Kreg 3 must-have tools and plans for building custom projects.

- Rip-Cut Saw Guide cuts plywood & other sheet goods quickly & accurately
- Kreg Jig R3 joins wood w/Kreg's proven pocket-hole joinery the strongest & fastest way possible

- Shelf Pin Jig drills perfectly-placed, repeatable shelf-pin holes for custom adjustable shelving
- Works w/materials from 1/2" to 1-1/2"

Includes Kreg Rip-Cut™ Saw Guide, Kreg Jig® R3, Kreg Shelf Pin Jig (w/5mm bit) & step-by-step plans for 10 custom projects.

Stk.	Mfr.	Price
793913	DIYKIT	\$94.30

Klamp™ Table & Stand



Kreg Large clamping surface (21-3/4" x 33-3/4") of replaceable, glue-resistant melamine. Klamp Trak™ on 2 sides of table provide endless flexibility. Klamp Blocks™ allow fast, accurate & consistent registration of workpieces. Use for sanding, routing, layout, etc. Universal

heavy-gauge steel stand adjusts 31" to 36"H. Quick-assembly. Durable painted finish. 4 leveling feet.

Includes KlampTrak, 2 Bench Klamps, 5 Klamp Blocks & steel stand.

Stk.	Mfr.	Item	Price
793867	KKS2000	Klamp Table & Stand	\$468.00
793868	KKS1000	Klamp Table	\$293.00
793869	KRS1030	Steel Stand	\$176.00

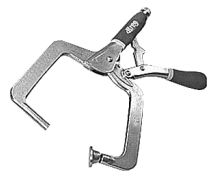
Face Clamps™



Kreg Ensures perfectly flush joints. Large pad on arm is placed directly across the top of the joint. Rugged dual-purpose clamp features large comfort-grip handle & deep throat.

Stk.	Mfr.	Throat	Price
793864	KHC-PREMIUM	3"D	\$24.90
793863	KHC-LARGE	6"D	\$34.60
793878	KHC-XLARGE	10"D	\$45.40

Right Angle Clamp



Kreg 180° pivoting clamp face & unique 3/8" steel pin fit snugly down in the pocket hole for joining 90° angles. Great for attaching face frame to cabinets, assembling drawers, shelving & more. Use 2 clamps when assembling large workpieces.

Stk.	Mfr.	Price
793862	KHC-RAC	\$31.40

Automaxx™ Face Clamp



Kreg Adjusts automatically to clamp materials that are thin or thick. Regulate clamping force using a thumbscrew. Ergonomic padded grips prevent hand fatigue.

Stk.	Mfr.	Throat	Price
793908	KHC-1410	3"D	\$32.40
793909	KHC-1420	6"D	\$41.10



90° Corner Clamp

Kreg Square & secure joints easily w/quick-adjust handle for stock thickness up to 1-1/4". Swivel head w/large clamping surface protects soft woods. Heat-treated, nickel-plated steel.

Stk.	Mfr.	Price
793877	KHC-90DCC	\$42.20



Bench Klamp™ System

Kreg Clamp glides along the KlampTrak™ or secures to the Klamp Plate™ for an amazingly strong 360° clamping station. Hard-anodized aluminum mounting plate (3" x 4" x 1/4" T) w/ keyed slot allows instant clamp removal. Route plate to work bench, or use as a stand-alone clamping fixture.

Includes clamp & pad, mounting plate, interlock bolt & hardware.

Stk.	Mfr.	Price
793866	KKS-KBKSYS	\$52.90



Automaxx™ Bench Klamp System

Kreg Makes benchtop clamping fast & foolproof by combining a 3" Bench Klamp™ with a Klamp Plate™ mounted onto a bench top to create a versatile 360° clamping station. New feature adjusts the clamps automatically, eliminating the need to readjust the clamp for every change in material thickness. **Shown w/Clamp & Plate.**

Stk.	Mfr.	Item	Price
793905	KKS1110	3" Clamp w/Plate	\$54.00
793906	KKS1120	3" Clamp Only	\$41.10
793907	KKS1140	6" Clamp Only	\$47.60



Klamp Plate™

Kreg When paired w/Bench Klamp™, plate provides a clamping station wherever needed. Route plate to the center of work bench, drill press or sawhorse.

Includes mounting hardware & instructions.

Stk.	Mfr.	Price
793872	KBK-IP	\$14.90



Klamp Trak™

Kreg Turn the entire length of your workbench into a clamping station. Seamless clamping plane (33-3/4" L aluminum extrusion) is perfect for quick positioning of Bench Klamp™ and Klamp Blocks™.

Stk.	Mfr.	Price
793870	KKS1020	\$48.60



Klamp Block™ Set

Kreg When used w/KlampTrak™, these simple blocks quickly & easily register stock to the edge of the work space & bring the project into alignment. Also helps to center Bench Klamp™ on the joint line.

Includes 5 plastic blocks & mounting hardware.

Stk.	Mfr.	Price
793871	KKS1030	\$17.10



Klump Vise™ System

Kreg Can be connected to almost any workbench providing over 350 lbs. of clamping power. Vertical, sideways and vise-style clamping for routing, sanding, sawing and more. No side rails. Accommodates very large workpieces.

Includes Bench Klamp™, Klump Vise™ Plate, (2) Klump Blocks™, (2) Bench Dogs, (2) Bench Brakes™, installation hardware & instructions.

Stk.	Mfr.	Price
793895	KKS1060	\$75.60



Bench Dogs

Kreg Reinforced 3/4" nylon bench dogs make projects easier. Each comes with a solid rubber Bench Brake™ for a solid, non-slip work surface. Painter's Point feature provides minimal surface contact for painting & finishing applications.

Includes (4) Bench Dogs & (4) Bench Brakes™.

Stk.	Mfr.	Price
793894	KKS1070	\$10.10



Quick-change Pocket Hole Kit

Kreg Quickly switch from drilling pocket holes to driving pocket screws with precision. Hex-shank step drill bit snaps directly into quick change chuck without an adapter. Industrial chuck eliminates slippage and optimizes drilling power.

Includes quick-change chuck, 6" sq. head recess driver (#2), 3/8" hex-shank pocket hole drill bit & depth collar w/Allen wrench.

Stk.	Mfr.	Price
793861	QUIK-KIT	\$31.40



HD Drill Bit

Kreg For use with the Kreg HD Pocket Hole Jig (KJHD). 1/4" hex-shank for use with standard & quick change chucks. 1/2" dia., 1-piece, hardened high-speed steel.

Includes stop collar & allen wrench.

Stk.	Mfr.	Price
793790	KJDHD	\$20.90



DKDB & KJD Step Drill Bits

Kreg 1-Piece bits eliminate clogging and provide a smoother, faster drilling stroke than drill bits with replaceable center drills. HSS drill bit for use with all manual Kreg jigs, 3/8" dia., 1/pkg.

Cobalt Steel Use with Kreg jig DK#'s 1100, 3100, 5006 & DB50.

Stk.	Mfr.	Price
793812	DKDB	\$36.60

HSS Use with Kreg Jig & Rocket.

Stk.	Mfr.	Price
793832	KJD	\$17.80



Depth Collar

Kreg Depth collar & allen wrench for Kreg Step Drill Bit (KJD) & HD Drill Bit (KJDHD). 1/pkg.

Stk.	Mfr.	Price
793834	KJSC/D	\$3.02



Square Driver Bits

Kreg

HD Square Driver Bit Deep #3 driver bit optimized for use with Kreg Jig HD Screws.

Stk.	Mfr.	Item	Price
793795	D6HD	6"L	\$6.91

Square Driver Bits Deep #2 driver recess resists cam-out. Use 3"L bit in tight spots.

Stk.	Mfr.	Item	Price
793807	DDS	3" & 6" bits	\$5.19
793886	D6X2	two 6"L bits	\$6.65



Pocket Hole Screws

Kreg Screws with self-tapping auger point eliminate pre-drilling. Flat heads seat flush in pocket hole bottom. Deep #2 sq. drive recess provides positive driver engagement to reduce cam-out.

Industrial-quality steel screws are case-hardened & coated with a dri-lube finish to reduce driving torque and provide a bronze appearance.

Pan Head Square Drive Fine thread screws for producing face frames in hardwoods. Use 1-1/4" to join 3/4"T frames.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793887	SPS-F075-100	6	3/4"	100	\$4.35
793880	SPS-F075-1000	6	3/4"	1,000	\$25.70
793882	SPS-F125-100	6	1-1/4"	100	\$4.65
793848	SPS-F125-1000	6	1-1/4"	1,000	\$26.60

Pan Head Square Drive Coarse thread screw for assembling 1/2" plywood drawer boxes.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793888	SPS-C1-100	7	1"	100	\$4.47
793889	SPS-C1-1000	7	1"	1,000	\$25.70

Maxi-Loc™ Square Drive Fine thread screws for hardwood to hardwood applications.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793883	SML-F125-100	7	1-1/4"	100	\$4.65
793852	SML-F125-1000	7	1-1/4"	1,000	\$26.60

Maxi-Loc™ Square Drive Coarse thread screws for softer materials (pine, plywood, particle board, MDF & melamine). Larger dia. threads provide maximum hold.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793884	SML-C125-100	8	1-1/4"	100	\$4.65
793850	SML-C125-1000	8	1-1/4"	1,000	\$26.60
793892	SML-C250-50	8	2-1/2"	50	\$5.15

Maxi-Loc™ Hi-Lo Thread Square Drive Dual thread, all-purpose screw for a variety of woods. Drives significantly faster than standard fine or coarse thread screws.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793885	SML-HL125-100	7	1-1/4"	100	\$4.65
793851	SML-HL125-1000	7	1-1/4"	1,000	\$26.60

HD Drive Optimal for Kreg Jig® HD & larger stock. Hardened-steel w/ Protec-Kote™ finish. Self tapping. Color blends w/most materials.

Stk.	Mfr.	Size	Length	Qty./Box	Price
793899	SML-C2X250-30	14	2-1/2"	30	\$5.48
793900	SML-C2X250-125	14	2-1/2"	125	\$18.00

Blue-Kote™ Weather-resistant Self-tapping Screws 450 of 4 popular coarse thread #8 screws. Perfect for outdoor projects. 3 chemically-combined, anti-corrosion layers make screws 400% more rust-resistant than zinc screws. **Includes** 100 (ea. of 1-1/4", 1-1/2", 2"), 150 of 2-1/2", plus molded case.

Stk.	Mfr.	Price
793891	SK03B	\$41.80

Self-tapping Screw Kit 675 of 5 popular square drive self-tapping screw sizes. **Includes** 300 Maxi-Loc™ 1-1/4" screws (150 ea. of #s 7 fine & 8 coarse thread), 300 Pan Head 1" screws (150 ea. of #s 6 fine & 7 coarse thread), 75 Blue-Kote™ weather-resistant 2-1/2" screws (#8 coarse thread) & case.

Stk.	Mfr.	Price
793876	SK03	\$31.40

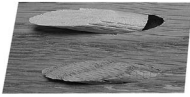


Screw Selector Wheel

Kreg Just dial in the thickness of each piece to be joined and the wheel shows you the correct screw length and Kreg Jig® setting. Durable .5 mm polypropylene construction.

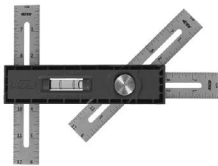
Stk.	Mfr.	Price
793911	SSW	\$7.48

Pocket Hole Plugs



Kreg Use when pocket holes won't be hidden on the backside of the project, or for decorative highlights.

Stk.	Mfr.	Description	Qty.	Price
793837	P-OAK	Oak Plugs	50	\$8.09
793839	P-WAL	Walnut Plugs	50	\$8.09
793841	P-MAP	Maple Plug	50	\$8.09
793843	P-CHE	Cherry Plugs	50	\$8.09
793845	P-PIN	Pine Plugs	50	\$8.09



Multi-Mark™ Marking & Measuring Tool

Kreg Multi-purpose marking and measuring tool for a variety of job site applications. Layout wall studs, mitered corners and transfer measurements. Align, square, level and measure work projects, set blade heights and more. Built-in 3/16" reveal gauge and torpedo level.

Inch and metric scale.

Stk.	Mfr.	Length	Price
793901	KMA2900	6 - 8-1/2"	\$14.90

PLATE JOINERS



DEWALT 243008 *Makita* 511409 **PORTER+CABLE** 623285

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Blade	Arbor	Tool Size	Tool Weight	Price
243008	DW682K	DeWalt	120	6.5	10,000	4"	22mm	5.8"H x 5.3"W	6.6 lbs.	\$263.00
511409	PJ7000	Makita	115	5.6	11,000	4"	N/A	11-7/8"H	5.5 lbs.	\$280.00
623285	557	Porter Cable	120	7.5	10,000	2" & 4"	7/8"	7"H	7.5 lbs.	\$295.00

Replacement Blades, 4", 6 TPI

Stk.	Mfr.	Brand	Price
243109	DW6805	DeWalt	\$58.40
624311	5558	Porter Cable	\$80.20

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Plate Joining Biscuits PORTER+CABLE

Sealed Container

Stk.	Mfr.	Size	Qty.	Price
624318	5563	FF (1-5/32" x 1/2")	175	\$11.50
624315	5560	0 (1-3/4" x 5/8")	150	\$9.46
624316	5561	10 (2-1/8" x 3/4")	125	\$9.46
624317	5562	20 (2-3/8" x 1")	100	\$9.46

Bulk

Stk.	Mfr.	Size	Qty.	Price
624299	5550	FF (1-5/32" x 1/2")	1,000	\$33.80
624300	5551	0 (1-3/4" x 5/8")	1,000	\$33.80
624302	5552	10 (2-1/8" x 3/4")	1,000	\$33.80
624304	5553	20 (2-3/8" x 1")	1,000	\$33.80

1,000-Piece Assortment Includes 250 ea. #0, 250 ea. #10, 500 ea. #20.

Stk.	Mfr.	Size	Qty.	Price
624306	5554			\$33.80

“Not sure what tool is right for your project or program?”

Dan Goodwin ext. 3104
dgoodwin@midwesttechnology.com



GRINDERS



4" Angle Grinder

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
511363	GA4030K	Makita	120	6	11,000	M10 x 1.25	10.5"L	3.1 lbs.	Yes	\$81.60

4-1/2" Angle Grinders

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
242860	D28402	DeWalt	120	10	11,000	5/8"-11	11-1/4"L	4.6 lbs.	Yes	\$127.00
616600	G12SE2	Hitachi	120	9.5	10,000	5/8"-11	12-5/8"L	4.2 lbs.	Yes	\$150.00
575894	6146-30	Milwaukee	120	11	11,000	5/8"-11	11.6"L	5.4 lbs.	Yes	\$147.00
626645	PC60TAG	Porter Cable	120	6	11,000	5/8"-11	N/A	4.1 lbs.	Yes	\$43.40
260568	9295-01	Skil	120	6	11,000	5/8"-11	10-3/4"L	5.3 lbs.	Yes	\$43.50

5" Angle Grinders

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
260281	AG50-10	Bosch	120	10	11,500	5/8"-11	12.5"L	5.1 lbs.	Yes	\$158.00
260282	AG50-11VS	Bosch	120	11	2,800-11,500	5/8"-11	13"L	5.1 lbs.	Yes	\$203.00
411630	WSG-14-125	Fein	120	6.5	10,000	5/8"-11	N/A	4.9 lbs.	Yes	\$279.00
511366	GA5020	Makita	120	10.5	11,000	5/8"-11	14"L	4.8 lbs.	No	\$220.00

6" Angle Grinders

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
575893	6161-30	Milwaukee	120	13	9,000	5/8"-11	12.2"L	5.7 lbs.	Yes	\$191.00

7" Angle Grinders

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
260289	1873-8	Bosch	120	15	8,500	5/8"-11	17-1/2"L	11.5 lbs.	Yes	\$236.00
243091	DW840	DeWalt	120	13	8,000	5/8"-11	16.1"L	8 lbs.	Yes	\$197.00
616611	G18SR	Hitachi	120	15	6,000	5/8"-11	18.2"L	9.5 lbs.	Yes	\$195.00
511375	GA7021	Makita	115	15	6,000	5/8"-11	18-5/8"L	10.4 lbs.	Yes	\$226.00

7/9" Angle Grinder

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Spindle Thread	Tool Size	Weight	Lock-on Switch	Price
575887	6088-30	Milwaukee	120	15	6,000	5/8"-11	12.6"L	10.4 lbs.	Yes	\$219.00

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Grinding Wheels



Flaring Cup Aluminum Oxide Grinding Wheel Type 11. For metal & masonry.

Stk.	Mfr.	Size	Max. Speed (rpm)	Price
600570	10512	4-7/32" x 5" x 5/8"-11	9,070	\$21.40

Hubless Depressed Center Aluminum Oxide Grinding Wheels Type 27 w/depressed center. For metal & masonry.

Stk.	Mfr.	Size	Max. Speed (rpm)	Price
608173	42014	4" x 1/8" x 5/8"	15,280	\$2.80
608172	42011	4" x 1/4" x 5/8"	15,280	\$2.90
608178	43611	4-1/2" x 1/8" x 7/8"	13,580	\$2.65
608175	43607	4-1/2" x 1/4" x 7/8"	13,580	\$2.88
608182	43616	5" x 1/8" x 7/8"	12,225	\$3.70
608180	43614	5" x 1/4" x 7/8"	12,225	\$3.99
608636	75956	7" x 1/8" x 7/8"	8,600	\$5.63
608632	75936	7" x 1/4" x 7/8"	8,600	\$5.91

Spin-on, Depressed Center Aluminum Oxide Wheels Type 27 w/ depressed center. For metal & masonry.

Stk.	Mfr.	Size	Max. Speed (rpm)	Price
608177	43609	4-1/2" x 1/8" x 5/8"-11	13,580	\$4.20
608174	43605	4-1/2" x 1/4" x 5/8"-11	13,580	\$4.39
608181	43615	5" x 1/8" x 5/8"-11	12,225	\$5.55
608179	43613	5" x 1/4" x 5/8"-11	12,225	\$5.76
608635	75940	7" x 1/4" x 5/8"-11	8,600	\$7.92
608185	02678	7" x 1/8" x 5/8"-11	8,600	\$7.35



Rubber Backing Pad w/Nut

BOSCH Fits most major brands of small angle grinders.

Stk.	Mfr.	Dia.	Arbor	Max. Speed (rpm)	Price
986500	MG0500	5"	5/8"-11	11,500	\$15.40
259448	BP700	7"	5/8"-11	8,500	\$29.90



Backing Pad Nut

BOSCH

Stk.	Mfr.	Arbor	Price
986580	MG0580	5/8"-11	\$7.74



4" Crimped Wire Brush

BOSCH Softer brushing action than knotted cup brushes is especially suited for overhead work. Carbon steel.

Max. speed 8,500 rpm.

Stk.	Mfr.	Dia.	Gauge	Arbor	Price
259438	WB525	4"	27	5/8"-11	\$26.40



3" Crimped Wire Cup Brush

Thakita. For flat surfaces, edges, paint, scale & light rust removal.

Stk.	Mfr.	Dia.	Gauge	Arbor	Price
511671	743205-6	3"	.014	5/8"-11	\$21.00
511674	743201-4	3"	.014	M10 x 1.25	\$21.00



2-3/4" Knot Wire Cup Brush

Thakita. For tight operations, corners & angle welds. Rugged knot construction Stainless steel wire is corrosion resistant eliminating contamination. 20 knots.

Stk.	Mfr.	Dia.	Gauge	Arbor	Price
511672	743209-A	2-3/4"	.020	5/8"-11	\$21.20



4" Full Cable Twist Wire Wheel

Thakita. For narrow to medium width work. Excellent for cleaning welds. Stainless steel wire is corrosion resistant eliminating contamination. 24 knots.

Stk.	Mfr.	Dia.	Gauge	Arbor	Price
511673	743211-A	4"	.020	5/8"-11	\$20.80

5" Fiber Sanding Discs

NORTON Aluminum oxide discs with fiber backing for heavy metal removal, paint stripping, light deburring, finishing, weld grinding and blending. 5" dia x 7/8".

Stk.	Mfr.	Grit	Qty./Pkg.	Price
608544	57276	24 Extra Coarse	1	\$1.37
608545	57277	36 Coarse	1	\$1.24
608546	57279	60 Medium	1	\$1.07
608547	57280	80 Fine	1	\$1.05



7" Rubber Pad

Thakita.

Stk.	Mfr.	Dia.	Price
511744	192978-2	7"	\$26.30

7" Resin Fiber Sanding Discs

Thakita. For sanding metal or wood surfaces

Stk.	Mfr.	Grit	Qty./Pkg.	Price
511665	742089-A-5	36	5	\$15.30
511663	742070-A-5	50	5	\$14.90
511664	742071-A-5	80	5	\$13.80
511666	742091-A-5	120	5	\$13.40

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NAILERS & STAPLERS

Brad Nailers



Bostitch 838468 Bostitch 838462 PORTER+CABLE 636709 Senco 291470

Stk.	Mfr.	Brand	Operating Pressure	Fastener Capacity	Fastener Range	Air Inlet	Firing Mode	Tool Size	Tool Weight	Price
838468	BT1855K	Bostitch	70-120 psi	110	5/8" - 2-5/8"	1/4"	Sequential	9-1/4"L x 9-12"H	2.7 lbs.	\$139.00
838462	SB-21NI	Bostitch	70-100 psi	100	5/8" - 1-5/8"	1/4"	N/A	9-1/4"L x 8-1/2"H	2.6 lbs.	\$180.00
636709	BN200C	Porter Cable	70-120 psi	100	5/8" - 2"	1/4"	Sequential	9-1/2"L x 9-1/2"H	2.6 lbs.	\$113.00
291470	SLP20XP	Senco	100 psi	110	5/8" - 1-5/8"	1/4"	Sequential	9-1/2"L x 8-1/4"H	2.3 lbs.	\$219.00

18 Ga. Brad Nails

Senco 18 Ga. Galvanized Brad Nails For Senco SLP20.

Stk.	Mfr.	Length	Qty.	Price
291500	AY10EAA	5/8"	5,000	\$31.60
291501	AY11EAA	3/4"	5,000	\$32.90
291502	AY13EAA	1"	5,000	\$36.30
291503	AX15EAA	1-1/4"	5,000	\$20.80
291504	AX17EAA	1-1/2"	5,000	\$24.20
291505	AX18EAA	1-5/8"	5,000	\$25.10

Bostitch 18 ga. Brad Nails For use in BT35 (5/8" to 1-3/8"), BT50 (1-3/16" to 2"), SB-21NI (5/8" to 1-5/8") & Porter-Cable models BNI25 (5/8" to 1-1/4") & BN200 (3/4" to 2").

Stk.	Mfr.	Length	Qty.	Price
838470	BT1300B	5/8"	3,000	\$10.90
838471	BT1303B	3/4"	3,000	\$11.40
838473	BT1309B	1"	3,000	\$12.30
838433	BT1314B	1-3/16"	3,000	\$13.30
838434	BT1335B	1-3/8"	3,000	\$14.80
838435	BT1340B	1-9/16"	2,000	\$11.30
838436	BT1345B	1-3/4"	2,000	\$11.70
838437	BT1350B	2"	2,000	\$12.60

Porter Cable 18 Ga. Steel Finish Brad Nails For Porter Cable BNI25A, Duo-Fast BB4400 & DBN-4052C, Hitachi NT32E, Paslode 2138F18, Senco SLP-20, A125BN, A200BN, Bostitch BT35B, SB-1842BN, SB1850BN & most 18 ga. brad nailers.

Stk.	Mfr.	Length	Qty.	Price
636725	PBN18063-1	5/8"	1,000	\$4.61
636726	PBN18075-1	3/4"	1,000	\$4.81
636727	PBN18100-1	1"	1,000	\$5.20
636728	PBN18125-1	1-1/4"	1,000	\$5.85
636729	PBN18200-1	2"	1,000	\$7.63

18 Ga. Galvanized Staples

Bostitch Coated Galvanized Staples 7/32" crown. For S32SX, T31-3SX5035 (1/2" to 1"), T28-5 & T35-15 (1/2" to 1-3/16"), T40SX-CT (1/2" to 1-1/4"). 7/32" crown. .050" x .035" chisel point & SB-21NI (1/2" to 1-3/8").

Stk.	Mfr.	Length	Qty.	Price
838450	SX5035-3/4G	3/4"	5,000	\$39.40
838452	SX5035-1G	1"	5,000	\$50.70
838454	SX5035-1-3/16G	1-3/16"	3,000	\$37.50
838464	SX5035 1-3/8G	1-3/8"	3,000	\$41.20

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Finish Nailers



Bostitch 838460 PORTER+CABLE 636730 PORTER+CABLE 636731 Senco 291461

Stk.	Mfr.	Brand	Operating Pressure	Fastener Capacity	Fastener Range	Air Inlet	Firing Mode	Tool Size	Weight	Price
838460	N62FNK-2	Bostitch	70-120 psi	130	1" - 2-1/2"	1/4"	Sequential	14-11/16"L x 11-5/8"H	3.8 lbs.	\$234.00
636730	DA250C	Porter Cable	70-120 psi	100	1" - 2-1/2"	1/4"	Sequential	13"L x 11-1/2" H	3.85 lbs.	\$256.00
636731	FN250C	Porter Cable	70-120 psi	100	1" - 2-1/2"	1/4"	Sequential	11.8"L	3.9 lbs.	\$227.00
291461	FIP42XP	Senco	70-120 psi	104	1-1/4" - 2-1/2"	1/4"	Sequential	13"L x 11-5/8"H	4 lbs.	\$255.00

Finishing Staplers



Bostitch 838474 PORTER+CABLE 636762 Senco 291465 Senco 291487

Stk.	Mfr.	Brand	Operating Pressure	Fastener Capacity	Fastener Range	Air Inlet	Firing Mode	Tool Size	Weight	Price
838474	SX1838K	Bostitch	70-120 psi	100	1/2" - 1-1/2"	1/4"	Sequential/Contact	14"L x 11"H	3 lbs.	\$144.00
636762	NS150C	Porter Cable	70-120 psi	100	1/2" - 1-1/2"	1/4"	Sequential	9.3"L x 9.8"H	2.65 lbs.	\$117.00
291465	SLS20XP	Senco	70-120 psi	160	3/8" - 1-1/2"	3/4"	Dual Action	12"L x 8-1/2"H	2.5 lbs.	\$338.00
291487	SNS200XP-BST	Senco	70-120 psi	160	1" - 2"	3/8"	Contact	15"L x 11"H	5.3 lbs.	\$447.00

Finish Nails

Bostitch 15 Ga. Steel Finish Angle Nails For N60FN & N62FN. Steel finish nails are made from galvanized wire and are not treated after nails are manufactured. Product is not guaranteed against corrosion.

Stk.	Mfr.	Length	Qty.	Price
838500	FN1520	1-1/4"	3,655	\$50.80
838501	FN1524	1-1/2"	3,655	\$53.20
838502	FN1528	1-3/4"	3,655	\$55.50
838503	FN1532	2"	3,655	\$59.60
838504	FN1540	2-1/2"	3,655	\$68.50

Porter Cable 15 Ga. Angle Nails For Porter-Cable DA250, DA250C & CDA250, Duofast DAFN-6432, Hitachi NT65AA, Senco SFN1, SFN40, SFN30, A250FN & most other DA-type angled finish nailers.

Stk.	Mfr.	Length	Qty.	Price
636720	PDA15125	1-1/4"	4,000	\$40.00
636721	PDA15150	1-1/2"	4,000	\$43.80
636722	PDA15175	1-3/4"	4,000	\$53.30
636723	PDA15200	2"	4,000	\$57.10
636724	PDA15250	2-1/2"	4,000	\$68.50

Porter Cable 16 Ga. Galvanized Finish Nails For Porter-Cable FN250C & CFN250A, Duofast BFN740 & LFN-764, Hitachi NT65A, Paslode 3250F16 & IM250 II, Senco A250SM, Stanley-Bostitch SB-1664FN & most other 16 ga. straight finish nailers.

Stk.	Mfr.	Length	Qty.	Price
636740	PFN16100	1"	2,500	\$14.00
636738	PFN16125	1-1/4"	2,500	\$15.20
636736	PFN16150	1-1/2"	2,500	\$15.10
636737	PFN16200	2"	2,500	\$19.50
636739	PFN16250	2-1/2"	2,500	\$22.50

Finishing Staples

Porter Cable 18 Ga. Narrow Crown Staples 1/4" galvanized/coated.

Stk.	Mfr.	Length	Qty.	Price
636744	PNS18050	1/2"	5,000	\$18.10
636745	PNS18063	5/8"	5,000	\$19.20
636746	PNS18075	3/4"	5,000	\$20.20
636747	PNS18100	1"	5,000	\$24.10

Bostitch Coated Galvanized Staples 7/32" crown. For S32SX, T31-3SX5035 (1/2" to 1"), T28-5 & T35-15 (1/2" to 1-3/16"), T40SX-CT (1/2" to 1-1/4"). 7/32" crown. .050" x .035" chisel point & SB-2INI (1/2" to 1-3/8").

Stk.	Mfr.	Length	Qty.	Price
838450	SX5035-3/4G	3/4"	5,000	\$39.40
838452	SX5035-1G	1"	5,000	\$50.70
838454	SX5035-1-3/16G	1-3/16"	3,000	\$37.50
838464	SX5035 1-3/8G	1-3/8"	3,000	\$41.20

Senco Intermediate Crown Staples For Senco model SNS40 stapler. Galvanized wire.

Stk.	Mfr.	Length	Qty.	Price
291531	N13BAB	1"	5,000	\$39.70
291532	N15BAB	1-1/4"	10,000	\$88.20
291533	N17BAB	1-1/2"	10,000	\$94.00
291534	N19BAB	1-3/4"	10,000	\$109.00
291535	N21BAB	2"	10,000	\$123.00

Senco Galvanized Wire Finishing Staples 1/4 crown. Fits Senco model SLS20 stapler.

Stk.	Mfr.	Length	Qty.	Price
291525	L10BAB	5/8"	5,000	\$19.40
291526	L11BAB	3/4"	5,000	\$21.30
291527	L12BAB	7/8"	5,000	\$24.60
291528	L13BAB	1"	5,000	\$27.20
291529	L15BAB	1-1/4"	5,000	\$31.60
291530	L17BAB	1-1/2"	5,000	\$36.60

Framing Nailers



Bostitch 838467 PORTER+CABLE 636741 Senco 291436 Senco 291435

Stk.	Mfr.	Brand	Operating Pressure	Fastener Capacity	Fastener Range	Air Inlet	Firing Mode	Fastener Specs	Tool Size	Weight	Price
838467	F28WW	Bostitch	80-120	100	2" - 3-1/2"	1/4"	Smart Trigger	Wire collated stick	20"L x 14-1/4"H	7.7 lbs.	\$312.00
636741	FC350B	Porter Cable	70-120	60	2" - 3-1/2"	1/4"	Selectable Trigger	Clipped head stick	21.65"L x 14.76"H	7.3 lbs.	\$288.00
291436	325FRHXP	Senco	70-120	64	2" - 3-1/4"	3/8"	Selectable Actuation	Full round head smooth & ring shank	17-5/16"L x 11-7/8"H	7.9 lbs.	\$280.00
291435	325XP	Senco	70-120	83	2" - 3-1/4"	3/8"	Selectable Actuation	Smooth, ring, screw shank	17-5/16"L x 11-7/8"H	7.9 lbs.	\$280.00

Coil Roofing Nailers



Bostitch 838541 PORTER+CABLE 636751 Senco 291456

Stk.	Mfr.	Brand	Operating Pressure	Fastener Capacity	Fastener Range	Air Inlet	Firing Mode	Fastener Specs	Tool Size	Weight	Price
838541	RN46-1	Bostitch	70-120 psi	120	3/4" - 1-3/4"	1/4"	Contact	.120", 15°	10-1/2"L x 10-5/8"H	4.8 lbs.	\$336.00
636751	RN175B	Porter Cable	70-120 psi	120	3/4" - 1-3/4"	1/4"	Sequential/Contact	.120", 15°	10-1/4"L x 10-5/8"H	4.78 lbs.	\$279.00
291456	SCN455XP	Senco	70-120 psi	120	3/4" - 1-3/4"	1/4"	Dual Action	.120" round head	10-1/4"L x 10-7/8"H	5.6 lbs.	\$322.00

Stick Nails

Bostitch Stick Nails For N16, N80SB, N88WW (6d to 16d), N70S (S6d to S10d), N70SB (S6d to S10d & .099 to .120 shank), N86S (6d to 16d), N100S (6d to 20d).

Stk.	Mfr.	Length	Shank	Qty.	Price
838540	S6D-FH	6d 2"	.113 Plain	2,000	\$37.00
838542	S8D-FH	8d 2-1/2"	.129 Plain	2,000	\$37.50
838543	S8D GAL-FH	8d 2-1/2"	.120 Galv. Plain	2,000	\$64.20
838545	S12D131-FH	12d 3-1/4"	.131 Plain	2,000	\$60.20
838546	S12D GAL-FH	12d 3-1/4"	.120 Galv. Plain	2,000	\$85.00
838549	S16D131-FH	16d 3-1/2"	.113 Plain	2,000	\$68.10

Senco 34 Clipped Head Nails For SN600 & 901XP framing nailers.

Stk.	Mfr.	Length	Shank	Qty.	Price
291507	GE24APBX	8d 2-3/8"	.113 Ring	2,500	\$57.20
291509	GC24APBX	8d 2-3/8"	.113 Smooth	2,500	\$59.50
291508	GC25AABX	8d 2-1/2"	.113 Galvanized	2,500	\$113.00
291539	KC28ASBX	12d 3-1/4"	.131 Galvanized	2,500	\$160.00
291541	KC28APBX	12d 3-1/4"	.131 Smooth	2,500	\$86.00

Senco 20 Full Round Head Stick Nails For 700XL-FRH & 902XP framing nailers.

Stk.	Mfr.	Length	Shank	Qty.	Price
291520	GL24APBSN	8d 2-3/8"	.113 Ring	5,000	\$99.00
291521	GD24APBSN	8d 2-3/8"	.113 Plain	5,000	\$130.00
291522	GD25AABS	8d 2-1/2"	.113 Galvanized	5,000	\$162.00
291523	KD28APBSN	12d 3-1/4"	.131 Plain	4,000	\$130.00
291524	KD28AABS	12d 3-1/4"	.131 Galvanized	4,000	\$208.00

Coil Roofing Nails

Bostitch Standard galvanized roofing nails for RN45B (all sizes), N12B (7/8" to 1-3/4") & N12-1 (1-1/4" to 1-3/4").

Stk.	Mfr.	Length	Qty.	Price
838480	CR2DGAL	1"	7,200	\$103.00
838481	CR3DGAL	1-1/4"	7,200	\$78.70
838482	CR4DGAL	1-1/2"	7,200	\$115.00

Pneumatic Air Tool Oil



Campbell Hausfeld Use w/oil-lubricated air tools to maximize tool performance & long tool life.

Stk.	Mfr.	Size	Price
291135	ST1270	8 oz.	\$4.23

Milton Extends life & performance of air tools, lubricators, valves & cylinders. Prevents seizure of air tools & pneumatic equipment. Recommended for tools requiring 10 weight non-detergent lubricant. 5°F to 350°F working temperature.

Stk.	Mfr.	Size	Price
968495	1001-4	4 oz.	\$6.93

ROUTERS

Fixed Base Routers



1.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Weight	Price
622903	450	Porter Cable	120	7	27,000	1/4"	4.1 lbs.	\$165.00

1.75 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Weight	Price
260230	1617	Bosch	120	11	25,000	1/4", 3/8", 1/2", 8mm	7.5 lbs.	\$239.00
243007	DW616	DeWalt	120	11	24,500	1/4", 1/2"	7.1 lbs.	\$207.00
575585	5615-20	Milwaukee	120	11	24,000	1/4", 1/2"	8.75 lbs.	\$192.00
575586	5615-21	Milwaukee	120	11	24,000	1/4", 1/2"	8.75 lbs.	\$210.00
623608	690LR	Porter Cable	120	11	10,000-27,500	1/4", 3/8", 1/2"	8 lbs.	\$194.00
623609	691	Porter Cable	120	10	23,000	1/4", 1/2"	9.25 lbs.	\$234.00
260311	1817	Skil	120	9.5	25,000	1/4", 1/2"	7.2 lbs.	\$110.00

2 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Weight	Price
260234	1618EVS	Bosch	120	12	8,000-25,000	1/4", 3/8", 1/2"	8.2 lbs.	\$311.00

2.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Weight	Price
260231	1617EVS	Bosch	120	12	8,000-25,000	1/4", 3/8", 1/2", 8mm	7.7 lbs.	\$240.00
616620	M12VC	Hitachi	120	11	8,000-24,000	1/4", 1/2"	7.3 lbs.	\$181.00
623683	892	Porter Cable	120	12	10,000-23,000	1/4", 1/2"	9.5 lbs.	\$269.00

3.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Weight	Price
624759	7518	Porter Cable	120	15	10,000+	1/4", 3/8", 1/2"	14.5 lbs.	\$477.00
624760	7519	Porter Cable	120	15	21,000	1/4", 3/8", 1/2"	15 lbs.	\$462.00

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Plunge Routers



1.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
511361	RP0900K	Makita	115	8	27,000	1/4"	1-3/8"	6 lbs.	\$220.00

1.75 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
623612	693LRPK	Porter Cable	120	10	23,000	1/4", 3/8", 1/2"	2-1/2"	8 lbs.	\$288.00

2 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
242995	DW621	DeWalt	120	10	8,000-24,000	1/4", 1/2"	2-1/8"	9 lbs.	\$344.00
260317	1827	Skil	120	10	10,500-25,000	1/4", 1/2"	2"	8.6 lbs.	\$139.00

2.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
260232	1617EVSPK	Bosch	120	12	8,000-25,000	1/4", 3/8", 1/2", 8mm	2-1/4"	19.7 lbs.	\$317.00

3 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
243010	DW625	DeWalt	120	15	8,000-22,000	1/4", 1/2"	2-7/16"	11.25 lbs.	\$402.00

3.25 HP

Stk.	Mfr.	Brand	Volts	Amps	Speed (rpm)	Collet Capacity	Plunge Depth	Tool Weight	Price
260258	1619EVS	Bosch	120	15	8,000-21,000	1/4", 1/2"	2-9/16"	13.2 lbs.	\$434.00
412460	FT2200EP	Freud	120	15	10,000-22,500	1/4", 1/2"	2-9/16"	13 lbs.	\$320.00
511362	RP1800	Makita	115	15	22,000	1/4", 1/2"	2-3/8"	13.4 lbs.	\$389.00
624791	7538	Porter Cable	120	15	21,000	1/4", 3/8", 1/2"	3"	17.25 lbs.	\$471.00
624792	7539	Porter Cable	120	15	10,000	1/4", 3/8", 1/2"	3"	17.25 lbs.	\$510.00

Laminate Trim Routers



BOSCH 258964 **DEWALT** 242839 **PORTER+CABLE** 626669

Stk.	Mfr.	Brand	Volts	Amps	HP	Speed (rpm)	Collet Capacity	Tool Size	Tool Weight	Price
258964	PR10E	Bosch	120	5.7	1	35,000	1/4"	7-1/2"L	3.2 lbs.	\$148.00
242839	DWE6000	DeWalt	120	4.5	N/A	31,000	1/4"	N/A	3.3 lbs.	\$156.00
626669	PCE6430	Porter Cable	120	4.5	N/A	31,000	1/4"	N/A	4.6 lbs.	\$156.00

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ROUTER ACCESSORIES



Ez Pro™ Mortise & Tenon Jig

General Ready for use out-of-box. Quickly cut matching mortise & tenons with a single jig to produce 1/4"-1/2" joints for cabinets, furniture & frames from 1"-3"L.

- Mount directly to workbench or onto the wood stock

- 1-piece heat treated, high grade aluminum body w/adjusting bolts, upcut fasteners & steel bit
- Solid steel adjustable positioning bars & router bushing assembly
- Handles stock ranging from 1/2" to 1-1/2" thick

Includes quick change 1-3/16" guide sleeve & locking nut, 1/4" guide bushing (1-1/4" o.d.), 1/4" shank centering pin, flat spanner wrench, locking nut adjustment, 3/8" & 1/2" guide bushings, 1/4" straight up cut spiral carbide router bit & alignment tool.

Stk.	Mfr.	Price
419710	870	\$150.00



24" Omnijig® Joinery System

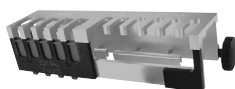
PORTER+CABLE Fixed space template enables half-blind dovetails to be cut w/a single pass of the router. Use template also for rabbeted half-blind & sliding-tapered dovetails.

- Factory assembled
- Durable steel & alloy construction
- Durable base clamps/bolts directly to work bench
- Concise on-board instructions guide user for various applications
- Set & Forget template alignment stops & router bit depth gauges combine to minimize test cuts & offer repeatability
- Router bit depth gauges allow bit depth set-up w/out measuring
- Stabilizer bar enhances router control & deflects chips downward
- 1-hand clamping system for easy positioning of wood on jig
- Machined, textured surfaces & steel clamping mechanism secure wood
- DVD featuring Norm Abram provides additional support

24" stock width. 1/8" to 1-1/2" stock thickness.
1.25 to 1.75 HP minimum router.

Includes jig base, DVD, 7 template guides (G#s 0-6), 24" variable finger template, R&L template stops (A4, B1 & C1), straight bit (S2), dovetail bit (D4), router bit depth pod, square screwdriver, wrench, 2 O-rings & dovetail set-up guide.

Stk.	Mfr.	Price
636615	77240	\$936.00



EZ PRO7™ Dovetailer II Dovetail Jig Kit

General All-in-one jig produces precise dovetail joints out-of-the-box. Using the jig & a handheld or table router, make 1/2-blind or through dovetail joints & box joints. Self-aligning design ensures both ends of the joint match up every time.

- Router control knobs provide accurate use
- Sturdy, machined aluminum construction w/integrated clamps

Includes 1/2" dovetail router bit.

Stk.	Mfr.	Price
419701	861	\$80.00



12" Deluxe Dovetail Jigs

PORTER+CABLE CNC machined aluminum templates provide superior accuracy in cutting half-blind dovetails, rabbeted half-blind dovetails & sliding dovetails. Alignment lines & router bit depth stop allow quick, easy setup. Heavy-duty steel 3/4" cam-type clamps w/sand-paper-backed locking bars secure wood. 1/8" stamped steel base.

12" stock width. 1/4" to 1-1/8" stock thickness.
1 to 1.5 HP minimum router.

Dovetail Machine Cuts half-blind, rabbeted half-blind & sliding dovetails. **Includes** template 4211, router bit, template guide & lock nut.

Stk.	Mfr.	Price
623730	4210	\$184.00

Deluxe Dovetail Machine Cuts same as above, plus through dovetails, box joints & mini box joints. **Includes** same as above, plus template 4213 & 1 ea. add'l. router bit, template guide & lock nut.

Stk.	Mfr.	Price
623732	4212	\$233.00

Deluxe Dovetail Jig Combination Machine Cuts same as both above, plus through mini dovetails & mini box joints. **Includes** same as both above, plus template 4215 & 2 ea. add'l. router bit & template guide.

Stk.	Mfr.	Price
623733	4216	\$263.00



Bench Cookie™ Set

Bench Dog Non-marring, firm-grip rubber pads protect workpiece surface & prevent slipping while planing, routing, sanding, carving & more. Provides level surface & extra clearance. Makes edge routing & finishing easy. Fast set-up. Durable for long-term use. 3" dia. x 1"H each. 4/pkg.

Stk.	Mfr.	Price
235412	10-035	\$14.30



Bench Cookie™ Cones

Bench Dog Protects the top pad of any Bench Cookie™ while finishing. Snaps to any cookie to add grip. Won't slide on work surface. Stackable. 4/pkg.

Stk.	Mfr.	Price
235424	10-054	\$6.65

Template Guides

PORTER+CABLE

Stk.	Mfr.	Description	ID	OD	Distance Past Base	Price
627960	42024	Lock Face	21/32"	3/4"	9/16"	\$9.27
627970	42033	General	13/32"	1/2"	5/16"	\$9.27
627973	42036	General	9/32"	3/8"	5/16"	\$9.27
627963	42027	1/2" Dovetailing & General	11/32"	7/16"	5/32"	\$9.27
628633	42237	Locknut for all Guides				\$5.68

CAN'T FIND IT?

Call us at 800-831-5904.



Template Guides Kit

PORTER+CABLE Cuts 1/2" dovetails & rabbit dovetails. Contains 7 template guides & 2 lock nuts.

12" stock width. 5/16" to 1" stock thickness. 7/8 HP min. router.

Stk.	Mfr.	Price
627950	42000	\$50.30

Router Sub-bases

PORTER+CABLE 1-1/8" dia. center hole accepts standard template guides. Phenolic.

For use with 514, 518, 520 & 7500 series routers. 7" dia.

Stk.	Mfr.	Price
625180	695870	\$15.50

For use with 690 & 890 series routers. 5-3/4" dia.

Stk.	Mfr.	Price
628298	42186	\$12.00



Plunge Router Base

PORTER+CABLE Converts 3-1/2" fixed-base router into a plunge router. Provides all plunging capabilities & operation benefits described w/Model 693 Plunge Router. Fits most 3-1/2" Porter-Cable or Rockwell motors: 100 (except w/segment cap depth adjustment), 350, 630,

670, 690 & 691. Also fits Black & Decker Model 2720 & Bosch Models 1601, 1602, 1603, 1604 & 1606. Base accepts standard Porter-Cable sub-bases (42186 & 42188), edge guides (42160 & 5043) & template guides.

Includes base, sub-base & manual.

Stk.	Mfr.	Price
624421	6931	\$138.00

Collets

PORTER+CABLE Self-releasing drop in collets. For models 350, 518, 520, 536, 537, 630, 670, 690, 691, 692, 693, 7518, 7519, 7536, 7537, 7538 & 7539.

Stk.	Mfr.	Item	Price
628766	42999	1/4"	\$15.70
628764	42975	3/8"	\$18.00
628760	42950	1/2"	\$16.00



Work Mat

SKIL Sure grip, easy-to-clean surface holds sanding or routing workpieces w/out clamps or marring. 24" x 36"

Stk.	Mfr.	Price
258953	RAS120	\$14.40

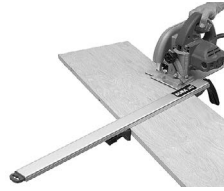


Precision Bit & Blade Setup Bars

Kreg Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

Includes 7 setup bars: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" & case.

Stk.	Mfr.	Price
793904	PRS3400	\$48.60



Clamp Edge™

Bora Straight-edge clamping guides for woodworking, cabinetmaking, carpentry, etc. Use with circular, jig saws, routers and more. Clamps easily on everything from dimensional lumber to large sheets of flat building materials.

Over-sized clamping handle (w/lever-locking mechanism) provides increased clamping pressure. Large, rubberized clamps safely secure material. Aircraft-grade extruded aluminum body insures straight accurate cuts and rigid clamping. Easy-hang storage.

Stk.	Mfr.	Length	Max. Opening	Price
193615	543024	24"	24"	\$44.00
193616	543036	36"	36"	\$50.60
193617	543050	50"	50"	\$58.30



Deluxe Edge Router Guide

BOSCH Precision-fine adjustment control for cuts along the workpiece edge or up to 8" in from the edge. For arcs & circles up to 32" dia.

For 1613, 1613EVS, 1613AEVS, 1615, 1617, 1617EVS, 1617EVS PK, 1617PK, 1618, 1618EVS, 1619EVS routers.

Includes pivot plate, dust extraction hood, vacuum hose adapter & attachment hardware.

Stk.	Mfr.	Price
259465	RA1054	\$59.70

Precision Edge Guide

PORTER+CABLE Solid anodized extruded aluminum body for strength & durability. Dual sliding & lockable adjustment mounts can be set quickly & accurately. Adjustment scale offers fraction & metric increments. Large fence offers smooth handling when routing.

For models 100, 690, 690LR, 690LRVS, 691, 693, 891, 892 & 893.

Stk.	Mfr.	Price
628740	42690	\$57.00

Standard Router Edge Guides

PORTER+CABLE



For models 100, 150, 350, 630, 670, 675, 690, 690LR, 690LRVS & also 691 (w/type 1 & 2 bases), plus 891 & 892.

Stk.	Mfr.	Price
628164	42160	\$25.80

For models 537 & also 691 (w/type 3 & 4 bases).

Stk.	Mfr.	Price
627762	839120	\$45.00

*Installation Available
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Circle Jigs

Woodhaven Easy set-up & use. Scale on the bar allows reading the radius w/out measuring. Adjustable cursor zeros-out the scale & provides correct readings for bits up to 3/4" dia. Cuts as small as 2" dia. & as large a diameter needed. 1/8" pilot hole required for pivot pin.

Includes pencil holder (for drawing circles) & NoDrill Plate w/quick attach feature (to quickly remove router from the plate).

Shown w/router, sold separately.

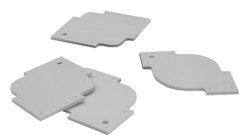
24" bar, 61" capacity

Stk.	Mfr.	Price
982020	3260	\$168.00

48" bar, 109" capacity

Stk.	Mfr.	Price
982022	3270	\$189.00

4-Piece Radius Guide Sets



Woodhaven 3/8"T templates for maximum support of flush trim bit & long template life. Use on router table or w/portable router to radius the corner of any part. Clamp or double stick tape work to the template. Use any 3/4" or smaller diameter flush trim bit w/the bearing

on the shank or end. Screw-in pins index the guide on the work for a perfect radius every time.

Includes 3/4" & 1", 1-1/4" & 1-1/2", 1-3/4" & 2", 2-1/2" & 3".

Stk.	Mfr.	Item	Price
982030	3650	Outside Guides	\$46.20
982031	3655	Inside Guides	\$46.20

ROUTER TABLES



Precision Benchtop Router Table

Kreg The capability of a full-size, industrial router table in a portable package.

- Heavy-duty steel stand w/wide stance for extra support, plus thick rubber feet to dampen vibration
- Precise Insert Plate w/Level-Loc

- Reducing Rings twist into place & lock in level & flush w/plate surface
- Industrial-quality fence w/cam clamps
- MDF table top w/Easy-Slide™ Micro-Dot skin
- Markings on insert plate allow easy router centering & mounting
- Works as a vertical jointer w/included jointing rods

Table size 24"L x 16"W x 1-1/8"T. Insert plate 9-1/4" x 11-3/4" x 3/8". Overall size 30"L x 19-1/4"W x 20-1/4"H. Weight 31 lbs.

Includes fence, top, insert plate, 3 level-loc rings, set of insert plate levelers & stand.

Stk.	Mfr.	Price
793487	PRS2100	\$232.00



Precision Router Table System

Kreg Precision setups are simple and accurate, thanks to the self-squaring fence; it features a T-square style design, which keeps the fence permanently parallel to the miter/T-slot. Accurate, easy-to-use measuring scale calibrates easily to match any bit, as well as an included

micro-adjust wheel and fence-locking mechanisms ensure perfect, stable setups. The fence's sliding faces are easy to adjust and allow the fence to be used as a jointer. A tool-free dust collection port and improved T-square carriage also provide fast, easy fence installation.

Table size 24"D x 32"W x 1"T. Insert plate 9-1/4" x 11-3/4" x 3/8". Overall size 24"D x 37"W x 29"- 35"H.

Includes precision router table fence, precision router table top, insert plate, 4 insert plate levelers, 3 Level-Loc reducing rings & multipurpose shop stand.

Visit our website for more information.

Stk.	Mfr.	Price
793482	PRS1045	\$504.00



ProMaxRT™ Complete Router Table Cabinet

Bench Dog Extremely durable table top, stand & fence complete this package.

- 32" x 24" x 1-1/2"T 1-piece solid cast iron top (97 lbs.) provides the ultimate in stability, durability & accuracy. Ultra-flat surface is machine-ground to w/in .008".

- Features 5+ sq./ft. of work surface, built-in dual track (standard miter track & Universal T-Track handles any accessory) & 12-pt. plate leveling/locking system. 8-1/4" x 11-3/4" opening accepts ProPlate™ aluminum router plate, sold separately.
- ProFence32™ (32"L x 3-1/2"H) of heavy-duty extruded & anodized
- w/MDF sub fence (3/4"T) features T-knobs, heavy-duty plastic bit guard, EZ-Load Universal T-tracks & 2-1/2" dia. dust port.
- ProCabinet™ Baltic birch base (24-3/4"W x 19-1/4"D x 33-1/2"H) is bolstered w/bolt & cross-dowel construction to support the biggest tops.
- Cabinet features storage space (or add Door & Drawer Packages, sold separately), plus 4" dia. dust port to draw saw dust & chips away from cabinet.

Includes pull-out router bit tray shelves, 4 leveling feet (add ProCasters for mobility, sold separately).

Stk.	Mfr.	Price
235472	40-300	\$1,153.00



ProTop™ Contractor Portable Bench Top Table

Bench Dog The same features & components as bigger tables w/less weight. Unique offset router location & dual-position fence offer over 11" of table support. Fence converts into a vertical jointer. Twin steel rails secure router.

- Baltic birch enclosed cabinet reduces noise, dust
- 1/4" accessory T-slot for mounting feather boards, stops, fence risers, switches, etc.
 - Dual position bit guard
- Dust port w/integral 2-1/4" fitting
- Rubber feet prevent slippage
- Adjustable miter gauge track
- Accepts all routers

Table size 16"D x 24"W laminate. Fence 3-5/8"H x 22"L. Weight 40 lbs.

Includes fence, top, predrilled router plate & cabinet.

Stk.	Mfr.	Price
235461	40-001	\$420.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.



Deluxe Router Table Kits

Excalibur

- Heavy-duty massive router lift with 9-1/4" x 11-3/4" aluminum top plate
- Stable 4-post/lift screw design & chain drive lifting system controlling all 4 corners simultaneously

- Fits all fixed base router motors (Some router models may require reducer collars/adapters)
- Smooth above-the-table adjustment mechanism for fast tool changes & bit setting
- Tubular steel stand includes mobility kit, adjustable leveling feet & on/off safety switch w/removable lock-out key
- Fence has 2-1/4" dust collection outlet & adjustable scales
- Under table steel dust enclosure w/access door & adjustable air vent

Table size 32"L x 24"D x 36-1/2"H. Fence 35-1/2"L.
Overall size 35-1/2"L x 24"D x 41"H. Weight 179 lbs.

Includes router fence, stand, router lift, dust collection outlet 2 1/4" dust hose & 2 hose clamps.

Phenolic Top

Stk.	Mfr.	Price
420745	40-200P	\$1,384.00

MDF Top

Stk.	Mfr.	Price
420746	40-200M	\$1,210.00

Cast Iron Top

Stk.	Mfr.	Price
420747	40-200C	\$1,498.00

Router Reducer Collars For Excalibur router lift (#40-125).

Stk.	Mfr.	Item	Price
420753	40-312	3-1/2"	\$11.90
420754	40-314	3-1/4"	\$12.10



Aluminum ProPlates™

Bench Dog CNC precision-machined aluminum plate (8-1/4" x 11-3/4" x 1/4"). Heavy-duty hardcoat anodized plate prevents sagging. Fits all Bench Dog router tables.

Includes mounting hardware, fulcrum pin & 1-1/2" dia. insert ring (for most router applications).

Large Pro plates 3-11/16" opening.

Stk.	Mfr.	Item	Price
235477	40-123	No. 1 Pre-drilled	\$70.20
235478	40-124	No. 2 Pre-drilled	\$70.20
235479	40-125	No pretapped mounting holes.	\$70.20

Standard Pro Plates 3-1/4" opening.

Stk.	Mfr.	Item	Price
235474	40-120	No. 1 Pre-drilled	\$70.20
235475	40-121	No. 2 Pre-drilled	\$70.20
235476	40-122	No pretapped mounting holes.	\$70.20

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.

Router Table Accessories

Bench Dog For ProBench Cabinet, ProMAX Cabinet, ProTop Cabinet & Stand.

Door Converts modular cubby by adding a door. Baltic birch door, European hinges & steel hardware.

Stk.	Mfr.	Price
235449	40-084	\$72.00

Drawer Converts modular cubby into a set of 2 drawers. Baltic birch drawer fronts & steel hardware.

Stk.	Mfr.	Price
235448	40-083	\$150.00

Locking Caster Kit Use w/ProTop™ Complete Stand (40-200) or ProMaxRT™ Complete Cabinet (40-300) to mobilize & secure table. Kick-down levers lock wheel & swivel. 4/set.

Stk.	Mfr.	Price
235473	40-188	\$62.00

ProFence™ Heavy-duty extruded & anodized aluminum fence is precision machined flat, true & square. Easy, toolfree setup w/large T-knobs. Heavy-duty plastic bit guard for large or small bits. Hole-free fence surface. EZ-Load Universal T-tracks on front & back (accepts 1/4" & 5/16" T-bolts, plus 1/4" hex bolts for hold-downs, stops, Feather-Loc featherboard & more). 2-1/2" dia. dust port mounted in back of fence. Tool-free, easy-adjust 3/4" T MDF sub fences (perfect for zero-clearance operations). Fits cast-iron Pro-MaxRT™ & ProTop™ router Phenolic tables. 32"L x 3-1/2"H.

Stk.	Mfr.	Price
235480	40-132	\$162.00



REBEL® Router Table

Woodstock Designed for maximum rigidity & strength, REBEL features a built-in aluminum insert, independently adjustable split fence, miter gauge & dust pickup safety guard. Table turns any router into a professional shaping workstation delivering easy-to-use accuracy.

Excellent for large production runs or any shaping job requiring easy set-up & superior accuracy.

- 2 independently-adjustable 3" x 12" fences
- Solid cast-aluminum construction
- 3" dust pickup/safety guard
- Compatible w/Inkra Jig®
- Precision milled parts
- Aluminum insert w/pop-out rings
- Completely portable

Overall size 24"W x 18"D x 17"H. Weight 35 lbs.

Includes miter gauge, aluminum insert, fence, dust safety guard & manual.

Stk.	Mfr.	Price
786850	W2000	\$376.00

Anti-Vibration Pad Indispensable 1/8" thick black pad for stopping bench top tool vibration. 24" x 36"

Stk.	Mfr.	Price
786840	W1322	\$14.80

Safety Switch w/Cord Rocker-type safety switch mounts directly to the REBEL® Router-Table or any stationary power tool workbench. Red plastic switch cover is a removable key to lock switch in the off position.

Stk.	Mfr.	Price
786851	W2001	\$18.00

Board Buddies® Anti-Kickback Device For safety, this device turns clockwise to prevent kickback on router tables & table saws. Yellow-colored Board Buddies® maintain even pressure against table & fence, resulting in safer, cleaner cuts.

Stk.	Mfr.	Price
786795	W1104	\$77.70



Router Table

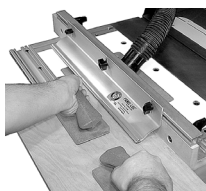
PORTER-CABLE Large machined aluminum table (19-3/4" x 16-3/4") w/cast-in lip to support table extensions. 3/4" miter gauge slot. Use for all Porter-Cable routers.

- Multiple starting pin locations
- 20 amp lockable key-type switch 2-1/2" dia. dust collection hood

- Quick-adjust split fence w/independently adjustable halves
- 3-5/8" table hole allows 3-1/2" dia. router bits
- 12-7/8" leg height allows use of 1-1/2 to 3-1/4 HP routers

Includes fence, miter gauge, 2 wrenches & manual.

Stk.	Mfr.	Price
623616	698	\$243.00



Panel-Loc™ Guard

Bench Dog Combination handguard & panel hold-down for router tables & table saws. Use it for routing panels or ripping large sheets of plywood or veneer. Provides a solid barrier between your hands & the cutter. Helps alleviate chatter, reduces fatigue & improves results.

Stk.	Mfr.	Price
235435	40-025	\$78.00



Feather-Loc™ w/Slot Adapter

Bench Dog Allows you to hold the stock in 1 hand & adjust featherboard tension w/the other hand. Advanced tip design ensure the tool fully contacts your workpiece without marring. The feather angle is a perfect balance of holding power & kickback resistance. Fits all standard

3/8" x 3/4" miter gauge slots. Use 1 featherboard on the table saw surface, place it before the saw blade.

Includes mounting bolts, knobs & instructions.

Stk.	Mfr.	Price
235420	10-005	\$17.60

ROUTER BITS

Router Bit Centering Gauge



Robert Larson Precision-machined gauge lets you know where your router bit is going to cut. Fits 1/4" & 1/2" routers. Overall size 3"L.

Stk.	Mfr.	Price
768884	825-3350	\$9.14



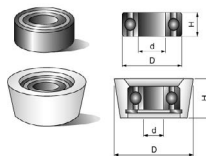
Router Bit Bearings
Roman Carbide

1/2" OD, 3/16" ID

Stk.	Mfr.	Price
785644	DC3012	\$3.24

3/8" OD, 3/16" ID

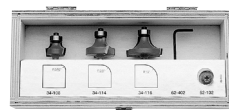
Stk.	Mfr.	Price
785643	DC3011	\$4.46



Router Bit Ball Bearings

freud Superior-quality ball bearings lubricated w/high temperature lubricant to withstand the stresses of turning at 22,000 rpm. Shielded to keep out unwanted wood dust & chips that reduce bearing life.

Stk.	Mfr.	ID (d)	Bearing Dia. (D)	Bearing H. (H)	Price
411975	62-100	1/8"	3/8"	5/32"	\$8.16
411976	62-102	3/16"	3/8"	1/8"	\$9.89
411977	62-104	3/16"	1/2"	3/16"	\$7.83
411978	62-107	5/16"	7/8"	9/32"	\$10.60
411979	62-112	1/4"	5/8"	3/16"	\$9.24
411980	62-113	3/16"	5/8"	3/16"	\$9.24



3-Piece Round Over/Beading Bit Sets

freud 3/8" bearing converts round over bits to beading bits. Round over bits soften furniture edges, beading bits produce a simple, decorative edge. Carbide-tipped bits.

1/2" Shank Includes wood case & 1/4", 3/8" & 1/2" round over bits (34-120, 34-124 & 34-126).

Stk.	Mfr.	Price
412243	89-150	\$88.00

1/4" Shank Includes wood case & 3/16", 3/8" & 1/2" round over bits (34-108, 34-114 & 34-116).

Stk.	Mfr.	Price
412241	89-100	\$85.50



5-Piece Round Over/Beading Bit Sets

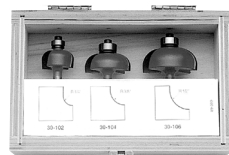
freud 3/8" bearing converts round over bits to beading bits. Round over bits soften the edges of fine furniture, while beading bits produce a simple, decorative edge on furniture and moldings. Carbide-tipped bits.

1/4" Shank Includes wood case, 1/8" round over (34-104), 1/4" round over (34-110), 1/2" round over (34-116), 3/16" round over (34-108), 3/8" round over (34-114).

Stk.	Mfr.	Price
412242	89-102	\$142.00

1/2" Shank Includes wood case, 1/8" round over (34-118), 3/8" round over (34-124), 3/4" round over (34-128), 1/4" round over (34-120), 1/2" round over (34-126).

Stk.	Mfr.	Price
412244	89-152	\$151.00



3-Piece Cove Bit Set

freud Produces classical decorative edge on furniture and moldings. 1/2" shank. Carbide-tipped bits.

Includes wood case & 1/4", 3/8" & 1/2" cove bits (30-110, 30-112 & 30-114).

Stk.	Mfr.	Price
412247	89-550	\$89.40

Place your order on-line!
www.midwesttechnology.com



3-Piece Adjustable Cabinet Door Bit Sets

freud Designed for use with a 1/2" shank table-mounted router with 3/4" stock. Use on CNC & other automatic routers as well as hand-held & table-mounted portable routers. Sets include wood case. 1/2". Carbide-tipped bits.

97-150 Includes round over rail & stile set (99-760) & bevel raised panel (99-515).

Stk.	Mfr.	Price
412010	97-150	\$221.00

97-152 Includes round over rail & stile set (99-760) & cove raised panel (99-518).

Stk.	Mfr.	Price
412011	97-152	\$221.00

97-154 Includes round over rail & stile set (99-760) & ogee raised panel (99-520).

Stk.	Mfr.	Price
412012	97-154	\$221.00

97-250 Includes ogee rail & stile set (99-761) & bevel raised panel (99-515).

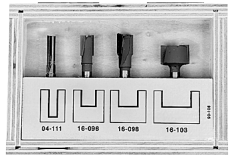
Stk.	Mfr.	Price
412013	97-250	\$221.00

97-252 Includes ogee rail & stile set (99-761) & cove raised panel (99-518).

Stk.	Mfr.	Price
412014	97-252	\$221.00

97-254 Includes ogee rail & stile set (99-761) & ogee raised panel (99-520).

Stk.	Mfr.	Price
412015	97-254	\$221.00



4-Piece Undersized Plywood Bit Set

freud For perfectly routing fitted grooves & dados. Designed to cut today's undersized 1/4" to 3/4" plywood. 1/4" shank. Carbide-tipped bits.

Includes wood case, 7/32" solid carbide two flute straight (04-111), 15/32" mortising (16-098), 11/32" mortising (16-096), 23/32" mortising (16-103).

Stk.	Mfr.	Price
412256	90-106	\$72.70

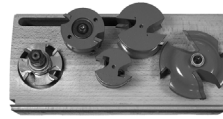
4-Piece Cabinet Bit Set

freud Bits are individually balanced & designed to be used with 3/4" stock. Works as a 5-piece set when a bearing converts the beading bit into a round over bit. 1/4" shank. Carbide-tipped bits.

Includes wood case 1/2" bearing flush trim (42-104), 5/32" roman ogee (38-100), 1/4" two flute straight (04-108), 3/8" beading (36-114), 3/8" round over (36-114)*.

***Use included bearing #62-104 to convert 36-114 beading bit into round over bit.**

Stk.	Mfr.	Price
412239	88-104	\$119.00



5-Piece Cabinet Bit Set

freud Sharpened w/400 grit diamond wheel. 1/2" shank. Carbide-tipped bits.

Includes wood case, raised panel (99-510), reversible glue joint (99-031), door lip (99-001), rail & stile (99-760).

Stk.	Mfr.	Price
412251	94-150	\$324.00

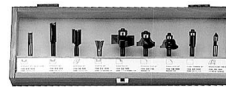


6-Piece Starter Bit Set

freud Allows the new woodworker to be very creative with minimum investment. 1/2" shank. Carbide-tipped.

Includes wood case, 1/4" round nose (18-116), 3/8" rabbeting (32-102), 1/4" roman ogee (38-106), 1/2" cove (30-114), 1-3/4" chamfer (40-114).

Stk.	Mfr.	Price
412259	91-104	\$175.00



9-Piece Starter Bit Set

freud All bits are solid carbide or carbide-tipped. Has a variety of bits that allows you to experience several router functions. 1/4" shank.

Includes wood storage case, 1/4" solid carbide two flute straight (04-104), 1/2" mortising (16-100), 3/8" rabbeting (32-100), 5/32" roman ogee (38-100), 1/4" solid carbide panel pilot (70-100), 3/8" two flute straight (04-124), 1/2" dovetail (22-104), 1/4" round over (34-110), 3/8" bearing flush trim (42-102).

Stk.	Mfr.	Price
412240	88-100	\$172.00

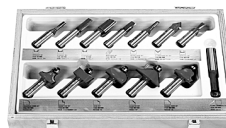


6-Piece Straight Bit Set

freud Make grooves, dados or rabbets. The computer-designed shear angle slices the wood cleanly leaving a surface so smooth that sanding becomes unnecessary. 1/2" shank. Carbide-tipped.

Includes wood case, 1/4" two flute straight (12-100), 1/2" two flute straight (12-116), 3/4" two flute straight (12-152), 3/8" two flute straight (12-108), 5/8" two flute straight (12-136), 1" two flute straight (12-172).

Stk.	Mfr.	Price
412258	91-102	\$109.00



13-Piece Super Bit Set

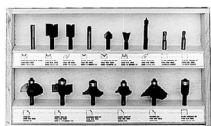
freud Each bit is sharpened to a razor sharp edge. 1/2" shank. Carbide-tipped.

Includes wood case, 1/4" two flute straight (12-100), 1/2" two flute straight (12-116), 1/2" bearing flush trim (42-110), 3/4" two flute straight (12-152), 1/2" mortising (16-110), 1/8" round nose (18-114), 3/4" V-groove (20-108), 1/2" dovetail (22-112), 1/2" cove (30-114), 3/8" rabbeting (32-102), 3/8" round over (34-124), 1/4" roman ogee (38-106), chamfer (40-114).

Stk.	Mfr.	Price
412257	91-100	\$285.00

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15-Piece Carbide / Carbide Tipped Set

freud Wide variety of bits from V-grooving to flush trimming and chamfering to dovetailing. Bits are solid carbide or carbide-tipped. 1/4" shank.

Includes wood storage case, 1/4" solid carbide two flute straight (04-106), 3/4" two flute straight (04-140), 1/2" mortise (16-100), 1/4" solid carbide round nose (18-104), 1/2" V-groove (20-104), 1/2" dovetail (22-104), 1/4" panel pilot (26-100), 1/2" cove (30-106), 3/8" rabbeting (32-100), 3/8" round over (34-114), 5/32" roman ogee (38-100), chamfer (40-106), 1/2" bearing flush trim (42-106), 1/4" solid carbide flush trim (64-100), solid carbide bevel trim (66-100).

Stk.	Mfr.	Price
412245	90-100	\$269.00

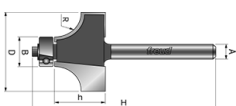


26-Piece Carbide / Carbide Tipped Set

freud A wide range of bits to cut all composition materials, plywoods, hardwoods & softwoods. Use on hand-held & table-mounted portable routers. 1/4" Shank.

Includes wood case, 1/8" solid carbide two flute straight (04-100), 1/4" solid carbide two flute straight (04-106), 1/4" solid carbide two flute straight (04-108), 3/4" two flute straight (04-140), 1/4" solid carbide round nose (18-104), 3/8" round nose (18-106), 1/4" solid carbide V-groove (20-100), 1/2" V-groove (20-104), 1/2" mortising (16-100), 1/2" dovetail (22-104), 1/4" cove (30-102), 1/2" cove (30-106), 1/4" beading (36-110), 3/8" beading (36-114), 1/4" round over (34-110), 3/8" round over (34-114), 5/32" roman ogee (38-100), 1/4" roman ogee (38-102), 1/4" solid carbide panel pilot (26-100), 3/8" rabbeting (32-100), 1/2" bearing flush trim (42-106), 1/2" bearing flush trim (42-104), 3/8" bearing flush trim (42-100), chamfer (40-106), solid carbide bevel trim (66-100).

Stk.	Mfr.	Price
412248	92-100	\$506.00



Rounding Over Bits

freud Softens furniture edges. Shear angle provides a very smooth cut. Use with Freud 62-102 bearing for beading work.

Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411936	34-104	3/4"	1/2"	1/2"	2-3/16"	1/8"	1/4"	\$37.00
411937	34-108	7/8"	1/2"	1/2"	2-3/16"	3/16"	1/4"	\$37.70
411938	34-110	1"	1/2"	1/2"	2-3/16"	1/4"	1/4"	\$41.60
411939	34-112	1-1/8"	1/2"	1/2"	2-3/16"	5/16"	1/4"	\$41.70
411940	34-114	1-1/4"	1/2"	5/8"	2-3/16"	3/8"	1/4"	\$42.50
411941	34-116	1-1/2"	1/2"	3/4"	2-1/2"	1/2"	1/4"	\$50.30
411956	34-120	1"	1/2"	1/2"	2-1/2"	1/4"	1/2"	\$44.00
411942	34-124	1-1/4"	1/2"	5/8"	2-5/8"	3/8"	1/2"	\$47.90
411943	34-126	1-1/2"	1/2"	3/4"	2-3/4"	1/2"	1/2"	\$61.80

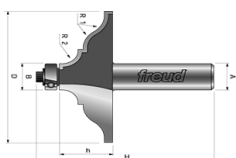
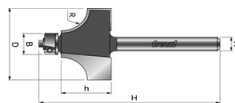


Table Edge & Handrail Bit

freud Produces sturdy, attractive handrails for staircases. Combine with another rail profile for custom railing designs.

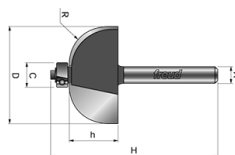
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
411994	99-450	2-1/2"	1/2"	25/32"	2-3/4"	3/8"	15/64"	1/2"	\$101.00



Beading Bits

freud Adds an attractive bead profile to furniture and millwork. Use Freud 62-104 bearing for rounding over work.

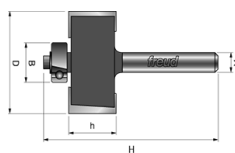
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411944	36-108	7/8"	3/8"	1/2"	2-3/16"	3/16"	1/4"	\$37.70
411945	36-110	1"	3/8"	1/2"	2-3/16"	1/4"	1/4"	\$38.60
411946	36-112	1-1/8"	3/8"	1/2"	2-3/16"	5/16"	1/4"	\$41.70
411947	36-114	1-1/4"	3/8"	5/8"	2-3/16"	3/8"	1/4"	\$42.50
411948	36-116	1-1/2"	3/8"	3/4"	2-1/2"	1/2"	1/4"	\$46.70
411949	36-120	1"	3/8"	1/2"	2-1/2"	1/4"	1/2"	\$44.00
411950	36-122	1-1/8"	3/8"	1/2"	2-1/2"	5/16"	1/2"	\$44.60
411951	36-126	1-1/2"	3/8"	3/4"	2-3/4"	1/2"	1/2"	\$61.80



Cove Bits

freud Creates a smooth classic cove profile. Upward shear angle offers a more efficient, smoother cut. Shear angle allows bit to slice wood similar to the way a craftsman uses a hand plane.

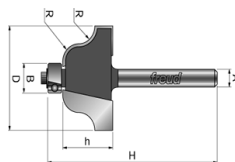
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (C)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411930	30-102	7/8"	3/8"	1/2"	2-3/16"	1/4"	1/4"	\$40.50
411931	30-104	1-1/4"	1/2"	1/2"	2-3/16"	3/8"	1/4"	\$45.10
411932	30-106	1-3/8"	3/8"	5/8"	2-3/16"	1/2"	1/4"	\$46.50



Rabbeting Bits

freud Produces smooth cuts on both surfaces of the rabbet. Use for joining boards and letting-in back panels. Remove steel pilots from bits and use with edge guides for wider rabbets.

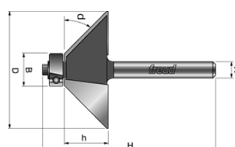
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Shank (A)	Price
411933	32-096	1-1/4"	1/2"	3/8"	2"	1/4"	\$42.90
411934	32-100	1-1/4"	1/2"	1/2"	2"	1/4"	\$36.80
411935	32-102	1-1/4"	1/2"	1/2"	2-1/4"	1/2"	\$37.00



Roman Ogee Bits

freud Adds elegance to any project. Change the profile by changing the bit height.

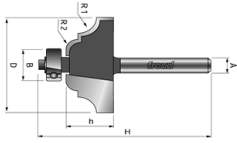
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411952	38-100	1-1/16"	3/8"	1/2"	2-3/16"	5/32"	1/4"	\$47.20
411953	38-102	1-3/8"	3/8"	23/32"	2-3/8"	1/4"	1/4"	\$48.60
411954	38-106	1-3/8"	3/8"	23/32"	2-9/16"	1/4"	1/2"	\$57.00



Chamfer Bits

freud Creates a uniform chamfer on the edge of any workpiece to add character, while retaining crisp geometric lines. Use for making multiple sided projects. Chamfer size is adjusted easily by changing the bit height.

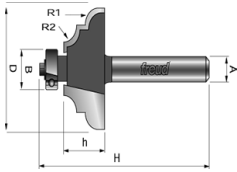
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
411959	40-104	1-1/2"	1/2"	1/2"	2-3/16"	45°	1/4"	\$38.60
411960	40-114	1-3/4"	1/2"	5/8"	2-9/16"	45°	1/2"	\$43.80



Classical Cove & Bead Bits

freud Accents furniture or millwork with classical cove design. Computer balancing of bits ensure smooth, vibration-free cuts.

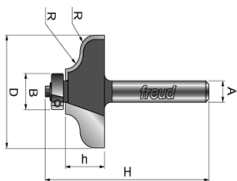
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
411957	38-352	1-1/2"	1/2"	5/8"	2"	1/4"	5/32"	1/4"	\$52.80
411958	38-362	1-1/2"	1/2"	5/8"	2-1/2"	1/4"	5/32"	1/2"	\$55.70



Classical Cove & Round Bit

freud Adds elegance to any woodworking project. Micro-Grain carbide tip remains sharper than standard carbides.

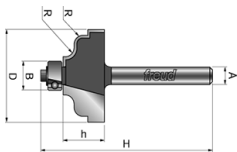
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
411964	38-614	1-3/8"	1/2"	11/16"	5/64"	1/4"	3/16"	1/2"	\$65.70



Ogee Fillet Bit

freud Profile includes a small fillet at the bottom of the ogee pattern. Convert to an ogee bit by replacing bearing with a 62-104 bearing.

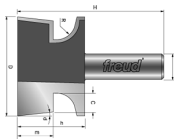
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411955	38-202	1-1/4"	3/8"	1/2"	2-1/8"	3/16"	1/4"	\$49.00



Double Fillet Ogee Bit

freud Produces an attractive edge profile to accent furniture, cabinets and millwork.

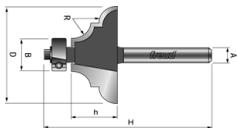
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411989	99-003	1-3/8"	3/8"	9/16"	2-5/16"	13/64"	1/2"	\$47.60



Classical Door Lip Bit

freud Produces classical door lips on stock from 1/2" to 1-1/4" in thickness.

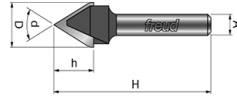
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (C)	Carbide Height (h)	Length (H)	Angle (d)	Minor Height (m)	Radius (R)	Shank (A)	Price
411988	99-001	2"	29/64"	1-1/4"	2-3/4"	7°	11/16"	3/8"	1/2"	\$82.90



Classical Bold Cove & Round Bit

freud For forming a decorative edge on tabletops, plaques and cabinetry. Use Freud's 62-102 to convert round over profile into a bead.

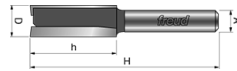
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411963	38-502	1-1/4"	1/2"	7/16"	2-1/16"	3/16"	1/4"	\$51.30



V-Groove Bits

freud Cuts deep or shallow V grooves. Use for making signs and adding decorative accents to furniture and plaques.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
411923	20-100	1/4"	1/4"	1-1/2"	90°	1/4"	\$25.10
411924	20-102	3/8"	5/16"	1-3/4"	90°	1/4"	\$26.60
411995	20-104	1/2"	7/16"	1-3/4"	90°	1/4"	\$32.10



Double Flute Straight Bits

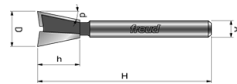
freud Precise hook angle. End of bit relief for fast plunging.

Solid Carbide

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411900	04-100	1/8"	3/8"	1-3/4"	1/4"	\$17.90
411901	04-102	3/16"	1/2"	2"	1/4"	\$18.70
411902	04-105	1/4"	5/8"	2"	1/4"	\$18.70
411903	04-107	1/4"	7/8"	2-1/4"	1/4"	\$19.70
411904	04-108	1/4"	1"	2-1/2"	1/4"	\$19.70
411905	04-109	1/4"	7/8"	2-7/8"	1/4"	\$20.20

Carbide-tipped

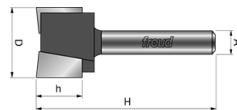
411906	04-120	3/8"	7/8"	1-7/8"	1/4"	\$18.70
411907	04-131	1/2"	7/8"	1-7/8"	1/4"	\$22.30
411908	04-136	5/8"	3/4"	2-1/8"	1/4"	\$22.10
411909	04-140	3/4"	3/4"	2-1/8"	1/4"	\$24.70
411910	12-102	1/4"	7/8"	2-7/8"	1/2"	\$23.50
411911	12-108	3/8"	1"	2-5/8"	1/2"	\$22.30
411912	12-110	3/8"	1-1/4"	2-7/8"	1/2"	\$23.50
411913	12-118	1/2"	1-1/4"	2-7/8"	1/2"	\$22.10
411914	12-122	1/2"	1-1/2"	3-1/8"	1/2"	\$25.10
411918	12-128	1/2"	2"	4-1/8"	1/2"	\$27.50
411915	12-138	5/8"	1-1/2"	2-1/2"	1/2"	\$23.80
411916	12-154	3/4"	1-1/4"	3"	1/2"	\$27.50
411917	12-168	7/8"	1-1/4"	3"	1/2"	\$29.60



Dovetail Bits

freud For smooth, intricate dovetail joints. Compatible with many dovetailing jigs.

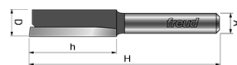
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
411927	22-102	3/8"	3/8"	1-7/8"	9°	1/4"	\$22.00
411928	22-104	1/2"	1/2"	1-7/8"	14°	1/4"	\$21.20
411929	22-112	1/2"	1/2"	2-1/4"	14°	1/2"	\$27.50



Mortising Bit

freud Deep center gullet provides maximum material removal without chip load. Use with templates for setting butt hinges.

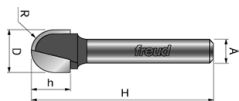
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411919	16-100	1/2"	1/2"	2"	1/4"	\$22.50



Single Flute Straight Bits

freud For high production work with a maximum amount of chip clearance. End of bit relief allows for fast plunging.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411890	03-124	3/16"	3/8"	1-1/2"	1/4"	\$15.60
411892	03-140	1/4"	1-1/2"	2-1/2"	1/4"	\$16.80



Round Nose Bits

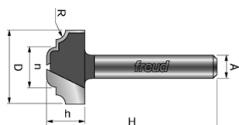
freud Provides a perfect radius groove every time. Produces several different styles of fluted millwork. Use for making signs or cutting decorative designs in cabinet doors.

Solid Carbide

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411920	18-104	1/4"	3/8"	2"	1/8"	1/4"	\$23.70

Carbide-tipped

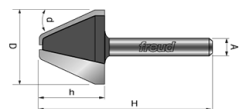
411921	18-106	3/8"	3/8"	1-13/16"	3/16"	1/4"	\$26.70
411922	18-108	1/2"	3/8"	1-13/16"	1/4"	1/4"	\$31.40
411925	18-112	3/4"	7/16"	2"	3/8"	1/4"	\$35.10



Cove & Bead Groove Bits

freud Creates decorative grooves in molding and furniture.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Small Dia. (n)	Radius (R)	Shank (A)	Price
411961	39-100	3/4"	3/8"	1-5/8"	3/8"	3/32"	1/4"	\$30.90
411962	39-102	1"	1/2"	1-3/4"	1/2"	1/8"	1/4"	\$38.30



Lettering Bit

freud 60° angle for highly readable relief lettering. Flattened end quickly removes excess material between letters.

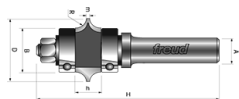
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Radius (R)	Shank (A)	Price
411926	20-172	1"	3/4"	2"	60°	1/8"	1/4"	\$35.50



Key Hole Bit

freud Creates key holes for hanging plaques and shelves. Large dia. bores holes to allow nail or screw heads to enter the slot. Smaller dia. allows room for the shank of the nail or screw.

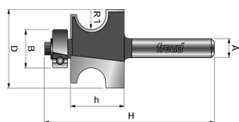
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Minor Height (m)	Small Dia. (n)	Shank (A)	Price
411981	70-104	25/64"	7/16"	1-5/8"	1/4"	3/16"	1/4"	\$26.60



Corner Beading Bit

freud Adds an attractive bead to beams, posts, railings and millwork. Use for accenting square table legs.

Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Minor Height (m)	Radius (R)	Shank (A)	Price
411990	99-024	1-3/8"	7/8"	37/64"	3-3/16"	5/64"	1/4"	1/4"	\$63.00



Traditional Beading Bit

freud Forms a single bead with a square shoulder. Commonly used by remodelers to match moldings in historic homes.

Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
411987	80-104	1"	1/2"	11/16"	2-5/16"	3/16"	1/4"	\$45.70



Adjustable Rail & Stile Bit Set

freud Create extended tenons for extra door joint strength. Adjust groove width for different panel thicknesses (5/8" to 1-1/4").

- Adjustable shims change panel groove down to 7/32" T & up to 3/8" T (ideal for plywood panels)

- Extended tenon capability, remove cutter's top portion (w/ bearing & spindle) to produce the front of the long tenon profile
- Unique cutter geometry eliminates tearout
- Hi-Density Carbide w/Titanium (TiCo™) maximizes bit life & material finish
- Perma-Shield® coating reduces heat & pitch build-up from rust

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Minor Height (m)	Radius (R)	Shank (A)	Price
412000	99-760	1-11/16"	1-1/4"	3-3/4"	15/64"	7/32"	1/2"	\$160.00



Wedge Tongue & Groove Router Bits

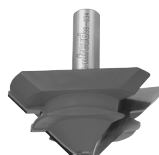
freud For gluing wide projects such as table tops and bookcases. Thick carbide tips and 1/2" shanks let you maintain a rapid feed speed with these bits. Designed for 3/4" to 1" stock.

Groove

Stk.	Mfr.	Price
412254	99-033	\$78.70

Wedge Tongue

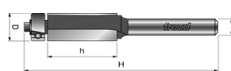
Stk.	Mfr.	Price
412253	99-032	\$89.90



Lock Miter Bit

freud Mating pieces can be run without changing original setup. Run 1 piece of stock vertically, the other piece horizontally for a perfect fit. Designed for 3/4" to 1" stock.

Stk.	Mfr.	Shank (A)	Price
412255	99-034	1/2"	\$123.00



Bearing Flush Trim Bits

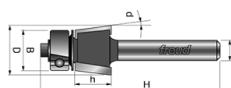
freud

2 Flutes 2 flutes for faster cutting, trimming cabinet laminate and for pattern work.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411965	42-090	3/4"	1"	2-15/16"	1/4"	\$33.20
411966	42-100	3/8"	1"	2-13/16"	1/4"	\$20.70
411967	42-104	1/2"	1"	2-13/16"	1/4"	\$20.70
411968	42-110	1/2"	1"	3-1/4"	1/2"	\$23.40
411969	42-116	1/2"	2"	4-3/8"	1/2"	\$36.40

3 Flutes 3 flute for a superior surface finish.

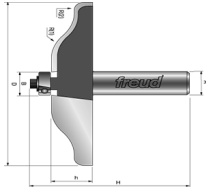
411970	44-100	1/2"	1"	2-13/16"	1/4"	\$32.40
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Bevel Trim Bit

freud 41 Series bits provides a range of bevels from 8° to 45° on plastic laminate and feature a ball bearing guide.

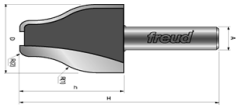
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
411971	41-108	25/32"	3/8"	29/64"	1-15/16"	25°	1/4"	\$38.10



2+2 Raised Panel Router Bit

freud For creating decorative tops, plaques and molding. 2 small wings cut downward to shear the top edge for a splinter-free surface, and 2 large wings shear upward for a smooth finish. Produces raised panels for doors and paneling. Use 1/2"H for 5/8" stock and 5/8"H for 3/4" stock.

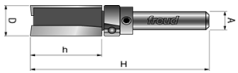
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Minor Height (m)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
411993	99-520	3-1/2"	1/2"	5/8"	2-1/2"	7/32"	25/32"	5/32"	1/2"	\$121.00



Vertical Raised Panel Bit

freud Creates full-sized raised panels by vertically feeding 3/4" stock. Small overall dia. makes bits ideal for lower HP routers and single speed routers.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
411992	99-320	1-1/2"	1-5/8"	3-3/16"	25/32"	5/32"	1/2"	\$69.40



Top Bearing Flush Trim Bits

freud Top-mounted bearings for lettering or other template work where the piece is being

grooved or routed out.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411972	50-102	1/2"	1"	2-5/8"	1/4"	\$30.20
411973	50-104	5/8"	1"	2-5/8"	1/4"	\$31.30
411974	50-106	3/4"	1"	2-5/8"	1/4"	\$32.70

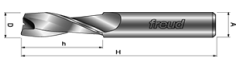


Solid Carbide Down Spiral Bits

freud For top surface chip-free routing where chip removal is not a problem. Use for

through cutting of material with a table-mounted router or a pin router. Reduces chipping when working with single-sided veneers or laminated materials. Double flute.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411984	76-100	1/8"	1/2"	2"	1/4"	\$27.40
411986	76-103	1/4"	3/4"	2"	1/4"	\$24.80
411985	76-102	1/4"	1"	2-1/2"	1/4"	\$29.60

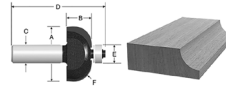


Solid Carbide Up Spiral Bits

freud Combines effective chip removal with a cut unmatched by standard straight bits.

Computer-designed flutes provide chip removal required in production settings. Suited for cutting mortises and routing deep blind holes. Double flute.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
411982	75-100	1/8"	1/2"	2"	1/4"	\$27.40
411983	75-103	1/4"	3/4"	2"	1/4"	\$24.80

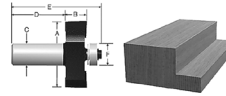


Carbide-Tipped Cove Bit

BOSCH Micrograin control cut bit for decorative edging and period furniture.

C. Shank Dia. 1/4". E Bearing Dia. 3/8".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
266236	85-206M	1-1/8"	9/16"	2-3/32"	3/8"	\$33.30



Carbide-Tipped Rabbeting Bits

BOSCH Control cut micrograin bits make fast, smooth rabbeting cuts without the use of a router guide (*bits are not guaranteed against breakage due to extreme length*).

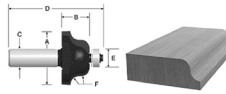
Rabbet Width 3/8". C. Shank Dia. 1/4". E Bearing Dia. 1/2".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
266370	85-218M	1-1/4"	1/2"	2"	\$27.80

Rabbet Width 1/2". C. Shank Dia. 1/4". E Bearing Dia. 3/8".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
269340	85-614M	1-3/8"	1/2"	2"	\$30.70

266370|To increase the width of rabbet by 1/16" for 85218M, order 3/8" dia. bearing 3 600 900 501 & dust shield 3 600 120 507.

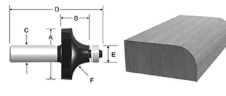


Carbide-Tipped Roman Ogee Bit

BOSCH Micrograin control cut bits for decorative edging and period furniture.

C. Shank Dia. 1/4". E Bearing Dia. 3/8".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
267174	85-270M	1"	5/8"	2-1/8"	5/32"	\$36.60
267241	85-271M	1-3/8"	3/4"	2-1/4"	1/4"	\$38.80

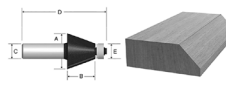


Carbide-Tipped Roundover Bit

BOSCH Control-cut micrograin bit makes smooth, uniformly rounded edges. Lower depth setting creates rounded corner with a decorative bead.

C. Shank Dia. 1/4". E Bearing Dia. 1/2".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
267509	85-294M	1"	1/2"	2"	1/4"	\$33.30
267576	85-295M	1-1/8"	1/2"	2-1/16"	5/16"	\$33.80
267643	85-296M	1-1/4"	5/8"	2-3/16"	3/8"	\$34.40
267710	85-297M	1-1/2"	11/16"	2-1/4"	1/2"	\$35.00



Carbide-Tipped Chamfer Bit

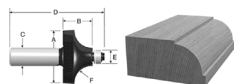
BOSCH Micrograin control cut bits for bevelling and decorative edging.

C. Shank Dia. 1/4". E Bearing Dia. 3/8". Angle 45°.

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
267777	85-298M	1-5/16"	1/2"	2"	\$31.70

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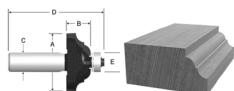
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for the complete specifications
of the products listed on this page.



Carbide-Tipped Beading Bit
BOSCH Micrograin control-cut bit creates attractive, decorative edging.

C. Shank Dia. 1/4". E Bearing Dia. 3/8".

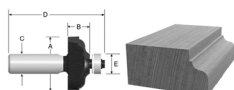
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
268983	85-494M	1"	1/2"	2"	1/4"	\$30.00
269117	85-496M	1-1/4"	5/8"	2-1/8"	3/8"	\$32.80



Carbide-Tipped Classical Bit
BOSCH Micrograin control-cut bit adds classic beauty with decorative edging.

C. Shank Dia. 1/4". E Bearing Dia. 1/2".

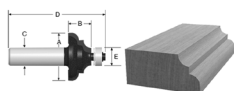
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
269251	85-579M	1-1/4"	1/2"	2-3/32"	\$44.10



Carbide-Tipped Ogee Bit with Fillet
BOSCH Micrograin control-cut bit allows 3 different cuts. Accent the graceful ogee cut lines with 1 or 2 fillets by lowering the depth setting or using 3/8" dia. bearing 3 600 900 501.

C. Shank Dia. 1/4". E Bearing Dia. 1/2". Radius 5/32".

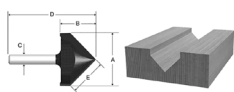
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
269321	85-584M	1-3/8"	9/16"	2-1/8"	\$47.70



Carbide-Tipped Cove & Bead Bit
BOSCH Micrograin bit creates an attractive accent with a classic woodworking design.

C. Shank Dia. 1/4". E Bearing Dia. 1/2".

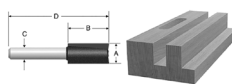
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
269336	85-604M	1-3/8"	1 1/16"	2-1/4"	\$44.40



Carbide-Tipped V-Groove Bit
BOSCH Micrograin bit for door-front grooving, lettering and sign work. Shear angle provides improved cut quality, speed and extended life.

C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	E. Bevel	Price
266374	85-219M	9/16"	5/8"	1-3/4"	3/8" 90°	\$20.60



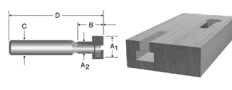
Carbide-Tipped Double Flute Straight Bit
BOSCH Micrograin bit designed for smoothness of cut and balanced cutting with minimal vibration. Positive hook angles for efficient cutting and specially designed tips for fast plunge cutting. Strong webbing and heavy cutter backing extend bit life.

C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
266379	85-221M	1/4"	5/8"	2"	\$14.60
266973	85-250M	1/4"	7/8"	2-1/8"	\$17.10
266437	85-225M	3/8"	1"	2-1/4"	\$16.50
266504	85-227M	1/2"	1/4"	2-1/4"	\$17.90
266772	85-232M	3/4"	3/4"	2"	\$19.40

C. Shank Dia. 1/2".

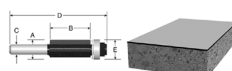
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
266837	85-242M	1/2"	1-1/2"	3-1/2"	\$19.30
267110	85-265M	3/4"	1-1/4"	2-7/8"	\$20.10



Carbide-Tipped Keyhole Bit
BOSCH For plunge and slot cuts. Route mounting slots in picture frames and plaques.

C. Shank Dia. 1/4".

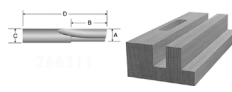
Stk.	Mfr.	A1. Large Dia.	A2. Small Dia.	B. Cutting Edge L.	D. Overall Length	Price
269338	85-608M	3/8"	3/16"	7/16"	1-9/16"	\$20.70



Carbide-Tipped Triple-Flute Flush Laminate Trim Bit
BOSCH Micrograin bit provides chatter-free production trimming with an extra smooth, flush trim cut. Compact ball-bearing assembly is equipped with a glue shield.

C. Shank Dia. 1/4". E Bearing Dia. 1/2".

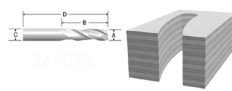
Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
266364	85-216M	1/2"	1"	2-1/2"	\$22.90



Solid Carbide Double-Flute Straight Bit
BOSCH Micrograin bit for smoothness of cut and balanced cutting with minimal vibration. Positive hook angles for efficient cutting and specially designed tips for fast plunge cutting. Strong webbing and heavy cutter backing give superior bit life.

C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
266311	85-213M	1/8"	1/2"	2"	\$15.70



Solid Carbide Double-Flute Upcut Spiral Bit
BOSCH For use when material needs to be pulled in an upward motion toward the router motor, improving chip removal. Excellent when dust collection is required. Industrial / CNC bit for high-duty cycle applications.

C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
269072	85-911M	1/4"	1"	2-1/2"	\$23.90

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Black & Decker Batteries

Stk.	Mfr.	Volts	Fits	Price
243302	PS120	9.6	CD96025B 9.6V	\$40.40
243305	90534824	9.6	CD96025B 9.6V	\$41.10

Bosch Batteries

Stk.	Mfr.	Volts	Fits	Price
258910	BAT414	12 (Li-ion)	12V	\$61.80
258919	BAT612	18 (Li-ion)	18V	\$99.40

DeWalt Batteries

Stk.	Mfr.	Volts	Fits	Price
243210	DC9071	12	12V	\$89.90
243220	DC9091	14.4	14.4V	\$99.00
243231	DC9096	18	18V	\$129.00
243232	DC9096-2	18	18V 2/pkg.	\$163.00
242912	DCB127	12 (Li-ion)	12V MAX	\$73.10
242961	DC9182	18 (Li-ion)	18V	\$170.00
242915	DCB203	20 (Li-ion)	20V Compact	\$122.00
242916	DCB203-2	20 (Li-ion)	20V Compact 2/pkg.	\$155.00
242917	DCB204	20 (Li-ion)	20V	\$143.00
242913	DCB200	20 (Li-ion)	20V MAX	\$144.00

DeWalt Battery Chargers

Stk.	Mfr.	Volts	Fits	Price
242946	DC9310		7.2V -18V	\$104.00
242949	DC9320		18V	\$133.00

Hitachi Batteries

Stk.	Mfr.	Volts	Fits	Price
616503	BCL1015	12	DS10DFL	\$84.20
616597	EBM1830	18 (Li-ion)	18V	\$139.00
616598	BSL1830	18XC (Li-ion)	DS18DSDL	\$175.00

Makita Batteries

Stk.	Mfr.	Volts	Fits	Price
511367	BL1014	12 (Li-ion)	12V	\$90.90
511345	BL1820	18 (Li-ion)	18V	\$154.00
511352	BL1830	18 (Li-ion)	18V	\$158.00

Milwaukee Batteries

Stk.	Mfr.	Volts	Fits	Price
577480	48-11-1815	18 (Li-ion)	M18	\$112.00
577478	48-11-1828	18 XC (Li-ion)	M18	\$166.00

Porter Cable Batteries

Stk.	Mfr.	Volts	Fits	Price
626671	PCL12BLX	12 (Li-ion)	PCL120DDC-2	\$62.90
626651	PC18B	18 (Li-ion)	PC180DK-2	\$49.40
626652	PC18BLX	18 (Li-ion)	PCL180DRK-2	\$101.00
626658	PCC680L	20 (Li-ion)	PCCK600LB	\$104.00

Skil Batteries

Stk.	Mfr.	Volts	Fits	Price
260441	SBI18B-LI	18 (Li-ion)	2895LI-02	\$101.00

COMBINATION TOOL KITS

Cordless Combo Kits



12V Kits

Stk.	Mfr.	Brand	Kit	Battery	Description	Price
242955	DCK21IS2	DeWalt	2-Tool	12V Li-ion	Drill/Driver, Impact Driver	\$245.00
511377	LCT208WV	Makita	2-Tool	12V Li-ion	Saw, Drill	\$266.00
575427	2493-23	Milwaukee	3-Tool	12V Li-ion	Drill/Driver, Impact Driver, Flashlight	\$364.00

18V Kits

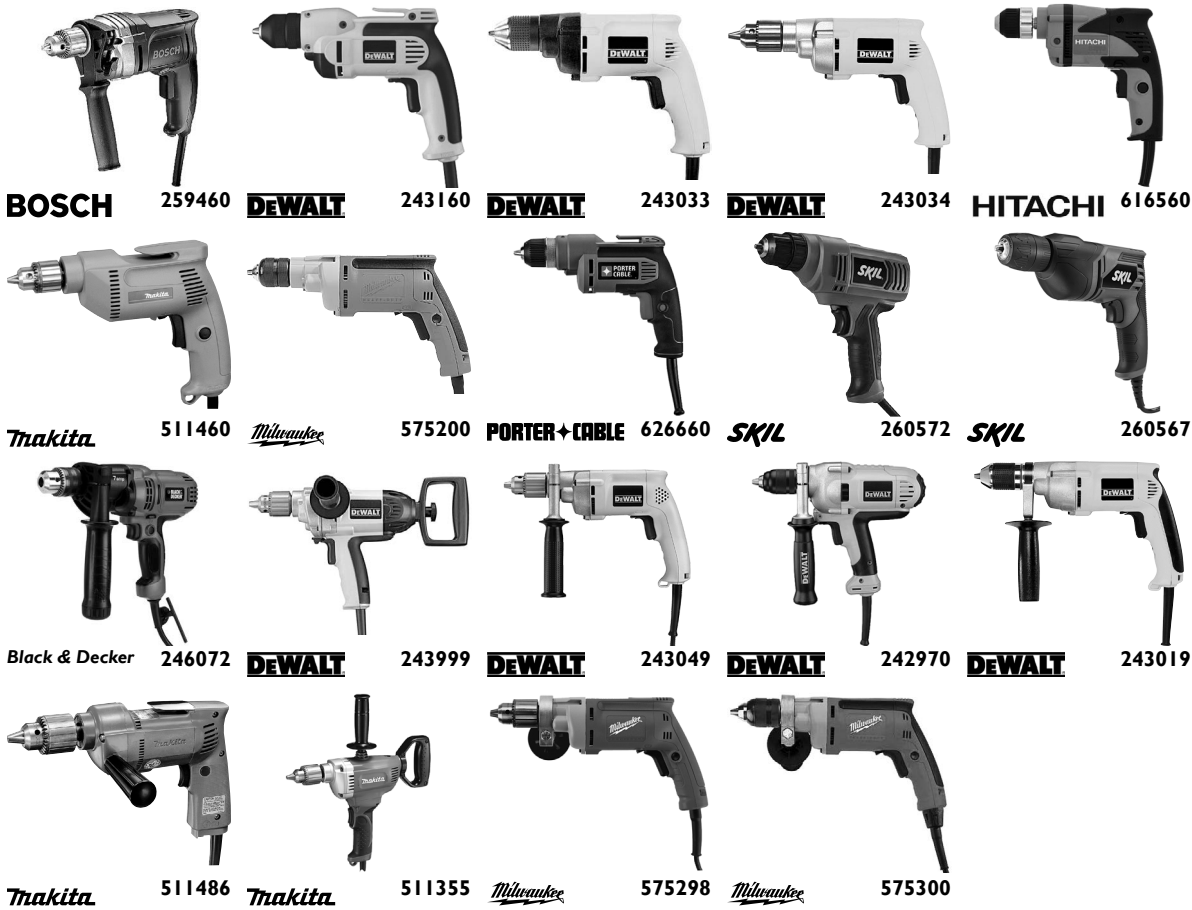
Stk.	Mfr.	Brand	Kit	Battery	Description	Price
242958	DCK265L	DeWalt	2-Tool	18V Li-ion	Drill/Driver, Impact Driver	\$352.00
242911	DC4CKITA	DeWalt	4-Tool	18V Li-ion	Recip. Saw, Circ. Saw, Drill, Flashlight	\$570.00
616617	KC18DGL	Hitachi	2-Tool	18V Li-ion	Drill/Driver, Impact Driver	\$248.00
511379	XT405	Makita	4-Tool	18V Li-ion	Drill/Driver, Impact Driver, Circ. Saw, Flashlight	\$686.00
575442	2696-24	Milwaukee	4-Tool	18V Li-ion	Hammer Drill/Driver, Recip. Saw, Impact Driver, Worklight	\$517.00
626675	PCL418IDC-2	Porter Cable	4-Tool	18V Li-ion	Drill/Driver, Impact Driver, Recip. Saw, Flashlight	\$333.00

20V Kits

Stk.	Mfr.	Brand	Kit	Battery	Description	Price
242953	DCK28ID2	DeWalt	2-Tool	20V Li-ion	Drill/Driver, Impact Driver	\$352.00
242959	DCK590L2	DeWalt	5-Tool	20V Li-ion	Hammer Drill, Recip. Saw, Impact Driver, Circular Saw, Worklight	\$782.00

DRILLS

Electric Drills



3/8" VSR Drills

Stk.	Mfr.	Brand	Speed (rpm)	Chuck	Gear Train	Volts	Amps	Weight	Price
259460	I030VSR	Bosch	0-2,100	Keyed	Single	120	7.5	4.8 lbs.	\$205.00
243160	DWD112	DeWalt	0-2,500	Keyless	Single	120	7	4.1 lbs.	\$86.40
243033	DW222	DeWalt	0-1,200	Keyless	Double	120	6.7	3.3 lbs.	\$151.00
243034	DW223G	DeWalt	0-1,200	Keyed	Double	120	7	3.6 lbs.	\$168.00
616560	D10VH	Hitachi	0-2,500	Keyless	Single	120	6	3.1 lbs.	\$73.90
511460	6407	Makita	0-2,500	Keyed	Double	115	4.9	3.1 lbs.	\$116.00
575200	0201-20	Milwaukee	0-2,500	Keyless	Triple	120	7	4.1 lbs.	\$168.00
626660	PC600D	Porter Cable	0-2,500	Keyless	Single	120	6	3.2 lbs.	\$57.80
260572	6239-01	Skil	0-2,700	Keyless	Single	120	5.5	3.2 lbs.	\$42.80
260567	6277-02	Skil	0-2,000	Keyless	Single	120	6.5	6.0 lbs.	\$61.50

1/2" VSR Drills

Stk.	Mfr.	Brand	Speed (rpm)	Chuck	Gear Train	Volts	Amps	Weight	Price
246072	DR560	Black & Decker	0-800	Keyed	Triple	120	7	5.8 lbs.	\$80.70
243999	DW130V	DeWalt	0-550	Keyed	Triple	120	9	7.5 lbs.	\$242.00
243049	DW235G	DeWalt	0-1,000	Keyed	Double	120	8.5	4.2 lbs.	\$145.00
242970	DWD215G	DeWalt	0-1,200	Keyless	Double	120	10	5.2 lbs.	\$210.00
243019	DW246	DeWalt	0-600	Keyless	Triple	120	7.8	4.4 lbs.	\$241.00
511486	6302H	Makita	0-550	Keyed	Double	115	6.5	4.8 lbs.	\$188.00
511355	DS4011	Makita	0-600	Keyed	Double	120	8.5	6.3 lbs.	\$240.00
575298	0299-20	Milwaukee	0-850	Keyed	Double	120	8	5.4 lbs.	\$159.00
575300	0302-20	Milwaukee	0-850	Keyless	Double	120	8	5.6 lbs.	\$200.00

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3/8" Cordless Drills



12V

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Mfr. Battery	Price
258970	PS31-2A	Bosch	0-350 / 0-1,300	265 in./lbs.	12	2.1 lbs.	2, Li-ion	BAT413A	\$189.00
243306	LDX112C	Black & Decker	0-600	100 in. lbs.	12	N/A	2, Li-ion	LB12	\$74.40
242918	DCD710S2	DeWalt	0-400 / 0-1,500	189 UWO	12	2.4 lbs.	2, Li-ion	DCB127	\$225.00
242922	DC742KA	DeWalt	0-400, 0-1,450	200 in./lbs.	12	3.8 lbs.	2, Li-ion	DC9071	\$239.00
616569	DS10DFL	Hitachi	0-300 / 0-1,300	195 in./lbs.	12	2.2 lbs.	2, Li-ion	BCL1015	\$144.00
511376	FD02W	Makita	0-350 / 0-1,300	200 in./lbs.	12	2.2 lbs.	2, Li-ion	BL1014	\$197.00
575424	2407-22	Milwaukee	0-400 / 0-1,500	275 in./lbs.	12	2.5 lbs.	2, Li-ion	48-11-2401	\$182.00
626670	PCL120DDC-2	Porter Cable	0-315 / 0-1,200	220 in./lbs.	12	2.4 lbs.	2, Li-ion	PCL12BLX	\$127.00

CORDLESS BATTERIES & CHARGERS

Black & Decker Batteries

Stk.	Mfr.	Volts	Fits	Price
243302	PS120	9.6	CD96025B 9.6V	\$40.40
243305	90534824	9.6	CD96025B 9.6V	\$41.10

Bosch Batteries

Stk.	Mfr.	Volts	Fits	Price
258910	BAT414	12 (Li-ion)	12V	\$61.80
258919	BAT612	18 (Li-ion)	18V	\$99.40

DeWalt Batteries

Stk.	Mfr.	Volts	Fits	Price
243210	DC9071	12	12V	\$89.90
243220	DC9091	14.4	14.4V	\$99.00
243231	DC9096	18	18V	\$129.00
243232	DC9096-2	18	18V 2/pkg.	\$163.00
242912	DCB127	12 (Li-ion)	12V MAX	\$73.10
242961	DC9182	18 (Li-ion)	18V	\$170.00
242915	DCB203	20 (Li-ion)	20V Compact	\$122.00
242916	DCB203-2	20 (Li-ion)	20V Compact 2/pkg.	\$155.00
242917	DCB204	20 (Li-ion)	20V	\$143.00
242913	DCB200	20 (Li-ion)	20V MAX	\$144.00

DeWalt Battery Chargers

Stk.	Mfr.	Volts	Fits	Price
242946	DC9310		7.2V -18V	\$104.00
242949	DC9320		18V	\$133.00

Hitachi Batteries

Stk.	Mfr.	Volts	Fits	Price
616503	BCL1015	12	DS10DFL	\$84.20
616597	EBM1830	18 (Li-ion)	18V	\$139.00
616598	BSL1830	18XC (Li-ion)	DS18DSDL	\$175.00

Makita Batteries

Stk.	Mfr.	Volts	Fits	Price
511367	BL1014	12 (Li-ion)	12V	\$90.90
511345	BL1820	18 (Li-ion)	18V	\$154.00
511352	BL1830	18 (Li-ion)	18V	\$158.00

Milwaukee Batteries

Stk.	Mfr.	Volts	Fits	Price
577480	48-11-1815	18 (Li-ion)	M18	\$112.00
577478	48-11-1828	18 XC (Li-ion)	M18	\$166.00

Porter Cable Batteries

Stk.	Mfr.	Volts	Fits	Price
626671	PCL12BLX	12 (Li-ion)	PCL120DDC-2	\$62.90
626651	PC18B	18 (Li-ion)	PC180DK-2	\$49.40
626652	PC18BLX	18 (Li-ion)	PCL180DRK-2	\$101.00
626658	PCC680L	20 (Li-ion)	PCCK600LB	\$104.00

Skil Batteries

Stk.	Mfr.	Volts	Fits	Price
260441	SBI8B-LI	18 (Li-ion)	2895LI-02	\$101.00

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.

1/2" Cordless Drills



12V

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Mfr. Battery	Price
242943	DCD910KX	DeWalt	0-425 / 0-1,200 / 0-1,800	n/a	12	5.3 lbs.	2, Ni-Cd	DC9071	\$254.00

14.4V

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Mfr. Battery	Price
242921	DC730KA	DeWalt	0-400 / 0-1,450	n/a	14.4	4.3 lbs.	2, Ni-Cd	DC9091	\$311.00
242944	DCD920KX	DeWalt	0-425 / 0-1,200 / 0-1,800	n/a	14.4	5.8 lbs.	2, Ni-Cd	DC9091	\$285.00

18V

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Mfr. Battery	Price
258972	DDS181-02	Bosch	0-500 / 0-1,700	600 in. lbs.	18	4 lbs.	2, Li-ion	BAT612	\$270.00
242920	DC720KA	DeWalt	0-500 / 0-1,700	n/a	18	4.8 lbs.	2, Ni-Cd	DC9096	\$296.00
242945	DCD940KX	DeWalt	0-500/ 0-1,250 / 0-2,000	n/a	18	6.3 lbs.	2, Ni-Cd	DC9096	\$327.00
616589	DS18DSDL	Hitachi	0-350 / 0-1,600	814 in./lbs.	18	4.6 lbs.	2, Li-ion	BSL1830	\$366.00
511369	XFD01	Makita	0-400 / 0-1,500	480 in./lbs.	18	3.3 lbs.	2, Li-ion	BL1830	\$447.00
575429	2603-22	Milwaukee	0-550 / 0-1,850	725 in./lbs.	18	4.9 lbs.	2, Li-ion	48-11-1828	\$394.00
575432	2606-22CT	Milwaukee	0-400 / 0-1,800	500 in./lbs.	18	2.9 lbs.	2, Li-ion	48-11-1815	\$249.00
626639	PCL180CDK-2	Porter Cable	0-350 / 0-1,500	424 in./lbs.	18	3.8 lbs.	2, Li-ion	PC18BLX	\$211.00
260439	2898LI-02	Skil	0-450/ 0-1,400	400 in./lbs.	18	2.9 lbs.	1, Li-ion	SBI8B-L1	\$142.00

20V

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Mfr. Battery	Price
242938	DCD780C2	DeWalt	0-600 / 0-2,000	310 in./lbs.	20	3.4 lbs.	2, Li-ion	DCB203	\$263.00
242937	DCD790D2	DeWalt	0-600 / 0-2,000	360 UWO	20	3.5 lbs.	2, Li-ion		\$290.00
242941	DCD980M2	DeWalt	0-575 / 0-1,350 / 0-2,000	486 in./lbs.	20	5.2 lbs.	2, Li-ion	DCB204	\$346.00
626659	PCCK600LB	Porter Cable	0-400 / 0-1,600	n/a	20	3.5 lbs.	2, Li-ion	PCC680L	\$209.00
626653	PCC601LB	Porter Cable	0-350 / 0-1,500	n/a	20	3.5 lbs.	2, Li-ion	PCC680L	\$141.00

Hammer Drills



1/2" Cordless Hammer Drill Kits

Stk.	Mfr.	Brand	Speed (rpm)	Chuck	Gear Train	Volts	Amps	Weight	Blows Per Minute	Qty./Batt.	Mfr. Battery	Price
242947	DCD970KL	DeWalt	0-500, 0-1,250, 0-2,000	Keyless	Triple	18		5.5 lbs.	0-8,500, 0-21,250, 0-34,000	2, Li-ion	DC9182	\$464.00
242936	DCD985M2	DeWalt	0-575 / 0-1,350 / 0-2,000	Keyless	Triple	20		5.2 lbs.	0-9,775, 0-22,950, 0-34,000	2, Li-ion	DCB200	\$379.00
626638	PC180CHDK-2	Porter Cable	0-350, 0-1,550	Keyless	Double	18		5.1 lbs.	0-25,500	2, Ni-Cd	PC18B	\$183.00

1/2" Hammer Drill Kits

Stk.	Mfr.	Brand	Speed (rpm)	Chuck	Gear Train	Volts	Amps	Weight	Blows Per Minute	Qty./Batt.	Mfr. Battery	Price
259450	HD19-2	Bosch	0-1,000, 0-3,000	Keyed	Double	120	8.5	6.0 lbs.	0-17,000, 0-51,000			\$218.00
243036	DW505K	DeWalt	0-1,100, 0-2,700	Keyed	Double	120	7.8	4.8 lbs.	0-19,000, 0-46,000			\$192.00
575500	5378-21	Milwaukee	0-1,350, 0-2,500	Keyed	Double	120	7.5	6.0 lbs.	0-22,000, 0-40,000			\$193.00
575510	5387-22	Milwaukee	0-1,100, 0-2,500	Keyed	Double	120	8.5	6.4 lbs.	0-16,000, 0-40,000			\$250.00
626666	PC70THD	Porter Cable	0-1,100, 0-3,100	Keyed	Double	120	7	5.1 lbs.	0-57,200			\$113.00

3/4" Hammer Drill Kits

Stk.	Mfr.	Brand	Speed (rpm)	Chuck	Gear Train	Volts	Amps	Weight	Blows Per Minute	Qty./Batt.	Mfr. Battery	Price
511380	HP2050F	Makita	0-1,200, 0-2,900	Keyed	Triple	120	6.6	5.1 lbs.	0-24,000, 0-58,000			\$218.00

Right Angle Drills



1/2" Right Angle Drill Kit

Stk.	Mfr.	Brand	Speed (rpm)	Gear Train	Amps	Weight	Price
575445	3107-6	Milwaukee	0-1,350/0-2,500	Quadruple	7.0	10.3 lbs.	\$324.00

3/8" Compact Right Angle Drill

Stk.	Mfr.	Brand	Speed (rpm)	Gear Train	Amps	Weight	Price
244002	DW160V	DeWalt	0-1,200	Double	3.7	3.75 lbs.	\$209.00

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Drywall Screwdrivers



DEWALT 243032 **Makita** 511359 **Milwaukee** 576173

Stk.	Mfr.	Brand	Speed (rpm)	Gear Train	Volts	Amps	Weight	Price
243032	DW255	DeWalt	0-5,300	N/A	120	6	2.9 lbs.	\$133.00
511359	FS4200	Makita	0-4,000	Double	115	6	2.9 lbs.	\$157.00
576173	6742-20	Milwaukee	0-4,000	Single	120	6.5	3.5 lbs.	\$131.00

Cordless Screwdrivers



Black & Decker 243310 **HITACHI** 616565 **SKIL** 260320 **BOSCH** 258960 **BOSCH** 258967 **Milwaukee** 575425

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Price
243310	LI2000	Black & Decker	0-180	40 in./lbs.	3.6	1.8 lbs.	Outlet Recharger	\$30.10
616565	DB3DL2	Hitachi	0-200/600	44 in./lbs.	3.6	0.9 lbs.	2, Li-ion	\$104.00

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Price
260320	2354-07	Skil	200	N/A	4	N/A	1, Li-ion	\$44.90

Stk.	Mfr.	Brand	Speed (rpm)	Max. Torque	Volts	Weight	Qty./Batt.	Price
258960	PS10-2A	Bosch	0-600	80 in./lbs.	12	2.2 lbs.	2, Li-ion	\$214.00
258967	PS21-2A	Bosch	0-350/1,300	265 in./lbs.	12	1.8 lbs.	2, Li-ion	\$152.00
575425	2401-22	Milwaukee	0-500	150 in./lbs.	12	2.0 lbs.	2, Li-ion	\$143.00

Cut-out Tools

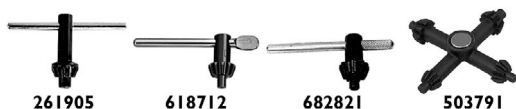


DEWALT 243043 **RotoZip** 259505

Stk.	Mfr.	Brand	Speed (rpm)	Volts	Amps	Weight	Price
243043	DW660	DeWalt	30,000	120	5	3.2 lbs.	\$95.50
259505	SS560VSC-30	RotoZip	15,000-30,000	120	6	3.7 lbs.	\$140.00

1/8" Drywall HSS Bits 2/pkg.

259507	XB-DW2	RotoZip					\$11.50
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Chuck Keys

T-Type 3/8" & 1/2" chuck keys, plus pilot.

Stk.	Mfr.	Item	Price
261905	14932	1/4" Pilot	\$3.84
261904	14920	9/32" Pilot	\$2.50

Thumb Handle Model K-3 key w/nickel thumb grip for increased leverage & user comfort. Fits Jacobs Chuck 3, 34 & 14N series.

Stk.	Mfr.	Item	Price
618712	3651D	5/16" Pilot	\$8.28

Self-ejecting Model S-K3C key w/spring-loaded ejector ensures key disengagement after tightening. Fits Jacobs Chuck 3, 34 & 14N series.

Stk.	Mfr.	Item	Price
682821	2948		\$14.20

Universal Strong neodymium magnet for attaching key close to the worksite or toolbox.

Stk.	Mfr.	Item	Price
503791	12060	Large key for industrial chucks. 3/8", 1/2" & 5/8" capacity.	\$25.40
503790	12050	Small key for hardware & industrial chucks. 1/4", 3/8" & 1/2" capacity.	\$20.60



Keyless Chucks

Jacobs Keyless chucks reduce bit changeover time, boost productivity, improve drilling performance & achieve higher gripping power. USA made chuck w/non-rusting, high-performance body. Elastomeric sure-grip sleeve provides comfort & hand-tightening efficiency.

Fits most 1/2" drills. 1/2"-20M Professional-duty Hand-Tite®

Stk.	Mfr.	Price
942746	31038D	\$45.40

Fits most 3/8" drills. 3/8"-24M Hand-Tite®

Stk.	Mfr.	Price
942753	30353D	\$25.60



AccuDrill™ Precision Drill Guide

General Attaches to 3/8" & 1/2" power drills. Slide lock for accurate shaping, carving, sanding & buffing. Built-in depth stop. Dual locking knob & handle hold precise angle setting. Adjusts 45° in either direction of vertical drill position. Anchoring pins secure guide on flat surfaces,

narrow edges or large tubing. V-groove for positioning round stock pipe or tubing. Lightweight guide folds flat for toolbox storage.

Includes 3/8" chuck & chuck key.

Stk.	Mfr.	Price
417425	36/37	\$56.50



Beadlock Pro Joinery Kit

Bench Dog Get incredibly strong concealed joints with just a hand drill and the kit. Cuts 2 types of mortises: a Beadlock mortise and a traditional smooth-sided mortise.

- Integral clamp
- Infinite adjustability
- Handles stock thickness of 3/4" & up
- Constructed of heavy-duty 3/8" anodized aluminum
- Easy-grip knobs
- Index lines for precise alignment

Includes 3/8" HSS drill bit, 3/8" stop collar, 3/8" Beadlock® guide block, 3/8" mortise paring guide block & molded case.

3/8" Beadlock Pro Kit

Stk.	Mfr.	Size	Qty.	Price
235397	50-37801			\$144.00

1/4" Accessory Kit

Stk.	Mfr.	Size	Qty.	Price
235398	50-39882			\$58.50

1/2" Accessory Kit

Stk.	Mfr.	Size	Qty.	Price
235396	50-36546			\$54.00

Pro Tenon Stock

Stk.	Mfr.	Size	Qty.	Price
235393	50-31793	1/4" x 12"	3	\$10.60
235391	50-20796	3/8" x 12"	3	\$10.60
235392	50-30043	1/4" x 1-1/2"	25	\$13.20
235390	50-20783	1/2" x 12"	3	\$10.60
235395	50-34955	3/8" x 2"	20	\$13.20
235394	50-34320	1/2" x 2-1/2"	15	\$13.20

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Shelf Pin Jigs



Kreg Add shelf pin holes to existing furniture or to shelves built from scratch. Hardened steel drill guides ensure precise and straight drilling.

- Quick switch fence can be easily removed & moved to the other side of the jig
- Standard hole size/spacing drill guides are placed at 32mm apart

• Multiple jigs may be connected together for more length

Includes shelf pin jig, locating pin, jig extender, specialized drill bit, depth collar, allen wrench, 4 shelf pins & instruction manual.

Stk.	Mfr.	Size	Price
793897	KMA3200	1/4" Kit	\$34.70
793898	KMA3220	5mm Kit	\$34.70

FASTENING



8-Piece Screwdriving Set

Thakita

Includes 1-7/8" Phillips bits #'s 1, 2 & 3, 1/4"

socket adapter, 2" slotted bits w/finders: #'s 6-8, 8-10 & 10-12, 1/4" hex head nutsetter.

Stk.	Mfr.	Price
511893	784400-A-A	\$24.20



5-Piece Screwdriving Set

Master Mechanic Made from shock resistant tool steel for maximum durability.

Includes slotted bits #'s 6-8, square recess bits #'s 1 & 2, Phillips bits #'s 1 & 2.

Stk.	Mfr.	Price
942853	616904	\$5.21



Magnetic Drive Sets

Irwin Industrial grade set tested to meet the demands of professionals.

13-Piece Includes 1" Phillips bits (one #1, four #2 & one #3), 1" square recess bits (one #1 & three #2), 4-11/16" magnetic drive guide, two 1" slotted insert bits #8-10.

Stk.	Mfr.	Price
410599	3057013DS	\$7.95

21-Piece Includes ten 1" Phillips bits #2, five 1" square bits #2, five 1" slotted bits #8-10, 4-11/16" magnetic drive guide.

Stk.	Mfr.	Price
410598	3057002DS	\$13.10



21-Piece Screwdriving Set

DEWALT

Includes: 1" Phillips bits (one #1, six #2, one #3), 1" slotted bits (#'s 6, 8 & 10), 2" Phillips bit, Nutdrivers (1/4" & 5/16"), 2" magnetic bit tip holder, 1" square recess bits (one #1, three #2, one #3), 2" square recess power bit #2, molded case.

Stk.	Mfr.	Price
243069	DW2161	\$21.50



26-Piece Impact Screwdriver Bit Set

Irwin Includes 2" Torx® (1 of ea. T20, T25, T30), 1" Phillips bits four #2, 2" Phillips power bit (one #1, two #2, one #3), 4" x #2 Phillips bit, 1" x #2 square recess bit, 2" square recess bits (four #2, one #3), 4" #2 square recess bit, 3-1/16" compact magnetic screw guide bit, magnetic nut setters (1/4", 5/16", 3/8"), 2-1/2" x 1/4" quick-change extension bit.

Stk.	Mfr.	Price
619308	1840393	\$43.70



29-Piece Shockwave Impact Duty™ Driver Bit Set

Milwaukee Includes 1" Phillips bits (one #1, seven #2, two #3), 2" Phillips bits (two #2, one #3), 1" square bits (one #1, four #2, one #3), 2" square bits (two #2), 1" Torx® bits (T15, T20, T25), 2" T25 Torx® bit, magnetic nut drivers (1/4" red, 5/16" amber, 3/8" blue), magnetic bit holder & molded case.

Stk.	Mfr.	Price
577500	48-32-4401	\$22.40



37-Piece Bit Set

DEWALT Includes 1" Phillips bits (one #1, ten #2, one #3), 1" slotted bits (one #6, two #8, one #10), magnetic nutsetters (1/4" & 5/16"), compact magnetic drive guide, 3-1/2" #2 Phillips bit, 3-1/2" #2 square recess bit, 1" square recess bits (one #1, six #2, one #3), 2" double end bits (one P#1/S#6, three P#2/S#8, three P#2/S#2, one P#3/S#10), storage case.

Stk.	Mfr.	Price
243079	DW2163	\$29.50



40-Piece Screwdriving Set

Irwin Includes 1" Phillips bits (two #1, seven #2, two #3), 1" slotted bits (6-8, 8-10, 10-12), 2-1/4" magnetic bit holder, 1" square recess bits (one #1, five #2, one #3), 7 Torx® bits (T#'s 10, 15, 20, 25, 27, 30, 40), 7 hex bits (3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32"), 2" square recess bits (#'s 2, 3), Phillips bits (#'s 2, 3), molded case.

Stk.	Mfr.	Price
619506	3057018	\$32.60



83-Piece Screwdriving Set

Craftsman 1/4" shank.

Includes 1" slotted bits (three ea. #6-8, #8-10, #10-12, two #12-14), 2" slotted bits (two #8-10, one #10-12, one #12-14), 1" Phillips bits (two #1, three #2, two #3), 2" Phillips bits (one #1, two #2, one #3), 1" Pozidriv bits (two

ea. #2, #3), 2" Pozidriv bits (one ea. #2, #3), 1" square recess bits (three ea. #2, #3), 1" Torx bits (two ea. #10, #15, #20, #25, #27, #30, #40), 1" Torx Power bits (one ea. TX7, TX8, TX10, TX15, TX20, TX25, TX27, TX30), 2" Torx Power bits (one ea. TX15, TX20, TX25), 1" Hex bits (three 5/32", two ea. 3/16", 7/32", 1/4", 5/16"), 1-1/2" Nut setters (one ea. 5/32", 3/16", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"), 2-1/2" magnetic bit holder & molded case.

Stk.	Mfr.	Price
305712	26535	\$35.20



150-Piece Screwdriver Bit Set

Irwin Includes 45 Phillips bits: thirty-five 1" bits (fifteen #2, ten #'s 1 & 3), ten 1-15/16" (#2), 25 slotted bits: fifteen 1" (#8-10) & ten 1-15/16" (#8-10) 25 square recess bits: fifteen 1" (#2) & ten 1-15/16" (#2), 45 Torx® bits: thirty-five 1" (15 T25 & 10 ea. of T#'s 20 & 27), ten 1-15/16" (T25), 9 magnetic nut setters: (3 ea. of 1/4" x 1-7/8", 5/16 x 1-7/8", 3/8" x 1-7/8"), plus magnetic bit holder (1/4" x 2-31/32") & metal case.

Stk.	Mfr.	Price
410600	4935104	\$159.00



Power Bits

Irwin 1/4" full hex body.

Stk.	Mfr.	Description	Point	Overall Length	Price
410536	93203	Sq. Recess	1	1-15/16"	\$0.77
410537	93205	Sq. Recess	2	1-15/16"	\$0.77
410538	93207	Sq. Recess	3	1-15/16"	\$0.77
410527	93103	Slotted	3-4	1-15/16"	\$0.96
410528	93105	Slotted	4-5	1-15/16"	\$0.96
410529	93107	Slotted	5-6	1-15/16"	\$0.96
410530	93109	Slotted	6-7	1-15/16"	\$0.96
410531	93111	Slotted	8-10	1-15/16"	\$0.96
410532	93113	Slotted	10-12	1-15/16"	\$0.96
410548	93003	Phillips	1	1-15/16"	\$0.77
410549	93007	Phillips	2	1-15/16"	\$0.77
410550	93011	Phillips	3	1-15/16"	\$0.77
410574	93321	Torx	T15	1-15/16"	\$3.97
410575	93324	Torx	T20	1-15/16"	\$3.62
410576	93327	Torx	T25	1-15/16"	\$3.68
410577	93333	Torx	T30	1-15/16"	\$4.52
410522	93073	Pozidriv	1	2"	\$2.31
410523	93077	Pozidriv	2	2"	\$2.31
410524	93079	Pozidriv	3	2"	\$2.31
410595	93017	Phillips	1	2-3/4"	\$1.58
410596	93019	Phillips	2	2-3/4"	\$1.58
410597	93021	Phillips	3	2-3/4"	\$1.58



Phillips Double End Bits

Stk.	Mfr.	Point	Shank Dia.	Overall Length	Price
410567	784202-3	2	1/4" hex	1-3/4"	\$3.76
410566	784203-1	2	1/4" hex	2-5/8"	\$3.76
410553	93503	1	1/4" hex	1-1/2"	\$1.22
410551	93509	2	1/4" hex	1-1/2"	\$1.22
410552	93515	3	1/4" hex	1-1/2"	\$1.22



Phillips Insert Bit Set

Irwin Twenty #2 Phillips insert bits in a shatter-resistant Pro-Pak™ Bit Container w/wide-opening, 1-hand flip top lid.

Stk.	Mfr.	Price
619220	357320	\$13.20



Insert Bits

1/4" hex body.

Stk.	Mfr.	Description	Point	Overall Length	Price
410533	92203	Sq. Recess	1	1"	\$0.58
410534	92205	Sq. Recess	2	1"	\$0.58
410535	92207	Sq. Recess	3	1"	\$0.58
410564	92105	Slotted	3-4	1"	\$0.55
410554	92107	Slotted	4-5	1"	\$0.55
410556	92111	Slotted	6-8	1"	\$0.55
410557	92113	Slotted	8-10	1"	\$0.55
410558	92115	Slotted	10-12	1"	\$0.55
410559	92117	Slotted	12-14	1"	\$0.55
410500	92005	Phillips	1	1"	\$0.55
410501	92011	Phillips	2	1"	\$0.55
410502	92019	Phillips	3	1"	\$0.55
410539	92318	Torx	T10	1"	\$1.96
410540	92321	Torx	T15	1"	\$1.96
410541	92324	Torx	T20	1"	\$1.96
410542	92327	Torx	T25	1"	\$1.96
410543	92330	Torx	T27	1"	\$1.96
410544	92333	Torx	T30	1"	\$1.99
410545	92336	Torx	T40	1"	\$2.02
410503	92083	Posidriv	1	1"	\$0.84
410504	92085	Posidriv	2	1"	\$0.84
410505	92087	Posidriv	3	1"	\$0.84
511890	784214-OA	Phillips	2	1-7/8"	\$2.59
511892	784215-OA	Phillips	3	1-7/8"	\$2.59



Magnetic Screwdriver Insert Bit Holders

Irwin 1/4" hex stainless steel body for socket wrench or adapter. 3"L.

Holds w/magnet rather than internal C-ring.

Stk.	Mfr.	Price
410560	93722	\$5.08

Knurled design holds w/external screw cap combined w/internal O-ring.

Stk.	Mfr.	Price
410499	93715	\$7.81

COUNTERSINK & PLUG CUTTERS



Drill & Drive System Sets

DEWALT Quick and easy changes between drilling and driving allows users to finish jobs faster. Change mechanism is designed for easy 1-step loading. 5/16" shank for added durability. Contoured finger grip for easy ergonomic use. Easy push forward 1-handed release. Multi-cutter countersinks for superior finish. Interchange-

able parts (drill bits, screwdriver bits, countersink inserts) make replacement easy for low-cost maintenance.

12-Piece Includes drill drive holder, drill drive connector, #'s 6, 8, 10 drill bits w/countersinks, two #6, one #8 & one #10 replacement drill bits, 3 Phillips bits & molded case.

Stk.	Mfr.	Price
243261	DW2735P	\$43.80

8-Piece Includes drill drive holder, drill drive connector, #'s 6 & 8 drill bits w/countersinks, #8 replacement drill bit & case.

Stk.	Mfr.	Price
243260	DW2730	\$29.00



Drill & Drive System Replacement Parts

DEWALT Black oxide coating for longer life.

Drill & Drive Systems

Stk.	Mfr.	Screw Size	Qty.	Price
243240	DW2700	#6	1	\$16.60
243241	DW2701	#8	1	\$16.60
243242	DW2702	#10	1	\$16.60

Drill Bits

Stk.	Mfr.	Screw Size	Qty.	Price
243246	DW2720	#6	2	\$4.15
243247	DW2721	#8	2	\$4.15
243248	DW2722	#10	2	\$4.15

Drill/Countersink Inserts

Stk.	Mfr.	Screw Size	Qty.	Price
243243	DW2710	#6	1	\$5.99
243244	DW2711	#8	1	\$6.03
243245	DW2712	#10	1	\$6.03



Hex Shank Screw Pilot & Countersink Bits & Sets

Vermont American Hex shank screw pilots

for drilling clean holes in wood, plastic & composite materials. Bits are replaceable.

Stk.	Mfr.	Screw Size	Price
261915	16506	#6	\$5.55
261916	16508	#8	\$5.55
261917	16510	#10	\$5.55
261918	16512	#12	\$5.55

4-Piece Set Includes # 6, 8, 10, 12.

Stk.	Mfr.	Screw Size	Price
261919	16515		\$17.90



Adjustable Countersink Drill Bits

Irwin Tapered drill with widened flutes for drilling fast, clean pilot holes. Adjustable for controlled pilot hole depth. 1/4" quick-change shank.

Stk.	Mfr.	Screw Size	Qty.	Price
619280	1882781	#6	1	\$12.30
619281	1882782	#8	1	\$12.50
619282	1882783	#10	1	\$12.70
619283	1882784	#12	1	\$12.90



4-Piece Countersink Bit Set

Craftsman Drill, countersink or counterbore in wood. Speed-shank eliminates tool from slipping in drill chuck.

Includes #6-3/32", #8-7/64", #10-1/8", #12-1/8" & hex wrench.

Stk.	Mfr.	Price
305789	64335	\$12.80



4-Piece Adjustable Countersink Drill Bit Set

General Adjustable HSS pilot countersink/counterbore bits w/black-oxide, rust-resistant finish (1/4" hex shank).

Includes 3/32", 7/64", 1/8" & 9/64".

Stk.	Mfr.	Price
417420	34ST	\$15.90

Countersink/Counterbore Sets

W.L. Fuller



10-Piece Set Includes 5 adjustable countersink/counterbores: 2 with 3/8" cutting dia. and matching taper point drill sizes 9/64", 11/64" for #6 and #8 screws; 3 with 1/2" cutting dia. and taper point drill sizes 13/64", 7/32" and 1/4" for #10, #12 and #14 screws, plus 3/8" & 1/2" plug cutters with 1/4" shank, 3/8" & 1/2" stop collars, 2 hex keys & wooden case.

Stk.	Mfr.	Price
416280	10393008	\$137.00

8-Piece Set Includes 5 adjustable countersink/counterbores with 3/8" cutting dia. & matching taper point drill sizes 9/64", 5/32", 11/64", 5/16" and 13/64" for #6 to #10 screws, plus 3/8" plug cutter with 1/4" shank, 3/8" stop collar to control depth, 3/32" hex key & cardboard case w/foam insert.

Stk.	Mfr.	Price
416275	10390006	\$93.00

22-Piece Countersink/Counterbore Bit Set Steelix

Includes screws #'s 5, 6, 7, 8, 9, 10 & 12, plus countersink/counterbore bits & stop collars for each screw size & hex wrench.



Stk.	Mfr.	Price
785598	D1041	\$22.10



Rose Countersinks

General For steel, brass, aluminum, plastic, wood & other materials. High speed steel w/5 flutes. 1/4" round shank, 82°.

Stk.	Mfr.	Size	Price
417960	195	1/2"	\$4.93
417962	195	5/8"	\$5.42
417964	195	3/4"	\$6.52

Vermont American Deburr and chamfer holes in soft metal, wood and plastic. Made of high speed steel. Fits 1/4" drills.

Stk.	Mfr.	Size	Price
942940	16642	3/8"	\$3.75
942941	16643	1/2"	\$3.96
942942	16644	5/8"	\$4.40
942943	16645	3/4"	\$5.08



Type 'C' Countersink/Counterbore Cutters

W.L. Fuller Cutter makes driving screws easier and assure the best possible holding power. Designed for clean cutting and hardened for long wear. Cutter is held in place with 2 hex-socket screws and is easily adjustable up and down the drill so only cutter and length of drill is required for any length of wood screw. 82° angle.

Stk.	Mfr.	Cutter Dia.	Hole Size	Overall Length	Price
416220	C-4	5/16"	7/64"	7/8"	\$10.30
416221	C-5	3/8"	1/8"	7/8"	\$9.27
416222	C-6	3/8"	9/64"	7/8"	\$9.27
416223	C-7	3/8"	5/32"	7/8"	\$9.27
416224	C-8	3/8"	11/64"	7/8"	\$9.27
416226	C-10	7/16"	13/64"	7/8"	\$10.30
416228	C-12	1/2"	7/32"	7/8"	\$10.30

7-Piece Set Includes 7/64", 1/8", 9/64", 5/32", 11/64", 13/64" & 7/32" for #'s 5 to 12 wood screws & wood holder.

416270	10390001			\$63.70
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Plug Cutters

Vermont American Produce plugs for covering or hiding screws. Produces accurate plugs for any type of wood. Hardened-steel alloy body for long life. 1/4" shank.

Stk.	Mfr.	Size	Price
261934	16591	1/4"	\$11.50
261935	16592	3/8"	\$11.60
261936	16593	1/2"	\$11.70
261937	16594	5/8"	\$11.80

3-Piece Set Includes 3/8", 1/2", 5/8".

Stk.	Mfr.	Size	Price
261938	16595		\$30.60



4-Piece Plug Cutter Set

W.L. Fuller Designed to cut fast and make smooth chamfered plugs for easy starting in counterbored holes. Suitable for soft and hard-woods. Plug diameter is slightly larger than counterbore for a tight fit every time. Plug cutters do not eject the plugs. 3/8" shank.

Includes 3/8", 7/16", 1/2", 5/8" & wooden holder.

Stk.	Mfr.	Price
416290	11696004	\$79.80



8-Piece Deluxe Plug Cutter Set

Steelix Straight & tapered plug cutters of high-quality, carbon steel. Cutters make a smooth-sided plug w/rounded shoulders for easy insertion into a bored hole. The plug remains snug in the wood until sawed or broken out.

Includes 1/4", 3/8", 1/2" & 5/8" & wood case.

Stk.	Mfr.	Price
785636	D2022	\$42.80

DRILL BITS



Jet Point® HSS Twist Drill Bits

Turbomax Revolutionary Jet Point® tip design that stays sharp longer. Self-centered tip for clean, fast start. Unique flattened shank for better chuck grip. High speed steel with black body and gold flute.

Stk.	Mfr.	Size	Price
457280	73108	1/8"	\$1.89
457281	73109	9/64"	\$2.07
457282	73110	5/32"	\$2.17
457283	73111	11/64"	\$2.53
457284	73112	3/16"	\$2.81
457285	73113	13/64"	\$3.32
457286	73114	7/32"	\$3.32
457287	73115	15/64"	\$3.78
457288	73116	1/4"	\$4.10
457293	73118	9/32"	\$5.53
457294	73120	5/16"	\$6.47
457289	73124	3/8"	\$9.00
457295	73125	25/64"	\$10.90

13-Piece Set Includes sizes 1/16" to 1/4" by 64ths & metal index case.

457290	73136		\$26.90
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21-Piece Set Includes sizes 1/16" to 3/8" by 64ths & metal index case.

457292	73149		\$78.70
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29-Piece Set Includes 3/8" reduced shank sizes from 1/16" to 1/2" by 64ths & metal index case.

457279	73138		\$173.00
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29-Piece Pilot Point Drill Bit Set

DEWALT Pilot Point® gold ferrous oxide drill bits. Starts on contact for clean accurate holes and reduces lock-up on breakthrough. No-spin shank eliminates bit spinning in the chuck.

Includes sizes 1/16" to 1/2" by 64ths & metal index case.

Stk.	Mfr.	Price
243107	DW1969	\$86.70

Lettered & Numbered Drill Bit Sets



26-Piece Letters A-Z Set Complete set of 26 wire gauge bits, letters A to Z. Popular taps through 1/4 - 28 require the use of wire gauge drill. Features 118° point for general purpose drilling.

Stk.	Mfr.	Price
261900	I2027	\$131.00

60-Piece Number Set #1 to #60 wire gauge drill bits. 118° bright finish bits ground from solid HSS. Metal case.

Stk.	Mfr.	Price
682719	AP50-E60	\$58.70

10-Piece Hex Shank Drill Bit Set



Vermont American High speed steel hex shank drill bits are designed for quick bit changes during general purpose drilling in wood, metal and plastic. Each bit features a 1/4" hex shank with power groove for use in cordless drills, cordless screwdrivers and quick

change adapters 10-piece set.

Includes 1/16" to 1/4" in 1/64" increments, plus case.

Stk.	Mfr.	Price
261902	I3137	\$29.70

15-Piece Titanium Coated Fractional Drill Bit Set



Irwin Titanium-coated (TiN) HSS bits last up to 6x longer than standard HSS. Extremely rigid short cutting lips reduce torque when drilling high-tensile materials. 135° split point (*precision start, no walking*).

Includes 1/16" to 1/2" in 32nds & indexed metal case.

Stk.	Mfr.	Price
457229	63737	\$121.00

29-Piece Black Oxide Fractional Drill Bit Set



Milwaukee Thunderbolt® black oxide bits w/parabolic flute to clear chips faster; 135° split point (*precision start, no walking*), 3-flat secure-grip shank. Reduced shank dia. for use in 3/8" chuck.

Includes 1/16" to 1/2" in 64ths & molded case.

Stk.	Mfr.	Price
577576	48-89-2802	\$79.80



29-Piece HSS Fractional Drill Bit Set

Black & Decker

Includes 1/16" to 1/2" by 64ths, plus metal case.

Stk.	Mfr.	Price
243320	I5575	\$34.90



29-Piece HSS Black Oxide Fractional Drill Bit Set

Steelex HSS black oxide coated drill bits.

Includes 1/16" to 1/2" by 64ths, plus metal case.

Stk.	Mfr.	Price
785610	DI135	\$27.30



115-Piece Combination Drill Bit Set

Steelex Titanium-coated (TiN) HSS bits.

Includes 29 fractional bits 1/16" to 1/2" by 64ths, 26 lettered bits A-Z, 60 numbered bits & indexed steel case.

Stk.	Mfr.	Price
785615	DI138	\$105.00



HSS Fractional Drill Bit Sets

High speed steel for the best combination of strength, heat resistance & wear resistance. 118° standard point.

Irwin 13-Piece Set 1/16" to 1/4" by 64ths.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
456997	60136	1/4"	Straight	Jobber	Metal	\$16.20

Irwin 15-Piece Set 1/16" to 1/2" by 32nds.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
457140	60147	3/8"	Reduced	Jobber	Metal	\$49.10

Irwin 15-Piece Sets 1/16" to 1/2" by 32nds.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
456998	60137	1/2"	Straight	Jobber	Metal	\$47.80

Irwin 21-Piece Set 1/16" to 3/8" by 64ths

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
457210	60221	3/8"	Straight	Jobber	Metal	\$53.20

Irwin 29-Piece Sets 1/16" to 1/2" by 64ths

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
457065	60138	1/2"	Straight	Jobber	Metal	\$91.60
457141	60148	3/8"	Reduced	Jobber	Metal	\$95.80

Vermont American 7-Piece Set 1/16" to 1/4" by 32nds.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
261921	10240	1/4"	Straight	Jobber	Molded	\$10.80

CAN'T FIND IT?

Call us at 800-831-5904.

General Purpose HSS Fractional Bit

Irwin For general use in metal, wood & plastic. Bright finish. 118° standard point.

Quantity Savings!

No. 601 Jobbers length straight shank.

Stk.	Mfr.	Size	Qty.	Price	Qty. Price
454787	60101	1/64"	1	\$1.24	12 or more \$0.99
454854	60102	1/32"	1	\$0.94	12 or more \$0.75
454921	60103	3/64"	1	\$0.76	12 or more \$0.61
454988	60104	1/16"	1	\$0.68	12 or more \$0.54
455055	60105	5/64"	1	\$0.68	12 or more \$0.54
455122	60106	3/32"	1	\$0.70	12 or more \$0.56
455189	60107	7/64"	1	\$0.70	12 or more \$0.56
455256	60108	1/8"	1	\$0.78	12 or more \$0.63
455323	60109	9/64"	1	\$0.86	12 or more \$0.69
455390	60110	5/32"	1	\$0.92	12 or more \$0.74
455457	60111	11/64"	1	\$1.00	12 or more \$0.80
455524	60112	3/16"	1	\$1.12	12 or more \$0.90
455591	60113	13/64"	1	\$1.30	12 or more \$1.04
455658	60114	7/32"	1	\$1.40	12 or more \$1.12
455725	60115	15/64"	1	\$1.52	12 or more \$1.22
455792	60116	1/4"	1	\$1.72	12 or more \$1.38
455859	60117	17/64"	1	\$2.10	6 or more \$1.68
455926	60118	9/32"	1	\$2.42	6 or more \$1.94
455993	60119	19/64"	1	\$2.62	6 or more \$2.09
456060	60120	5/16"	1	\$2.66	6 or more \$2.13
456127	60121	21/64"	1	\$3.02	6 or more \$2.42
456194	60122	11/32"	1	\$3.44	6 or more \$2.75
456261	60123	23/64"	1	\$3.86	6 or more \$3.09
456328	60124	3/8"	1	\$3.86	6 or more \$3.09
456395	60125	25/64"	1	\$4.46	6 or more \$3.57
456462	60126	13/32"	1	\$4.52	6 or more \$3.62
456529	60127	27/64"	1	\$5.00	6 or more \$3.99
456596	60128	7/16"	1	\$5.32	6 or more \$4.25
456663	60129	29/64"	1	\$6.28	6 or more \$5.02
456730	60130	15/32"	1	\$6.34	6 or more \$5.07
456797	60131	31/64"	1	\$6.76	6 or more \$5.40
456864	60132	1/2"	1	\$6.62	6 or more \$5.29

No. 718 Jobbers length 3/8" reduced shank.

Stk.	Mfr.	Size	Qty.	Price	Qty. Price
457268	71825	25/64"	1	\$7.57	
457269	71826	13/32"	1	\$7.57	
457270	71827	27/64"	1	\$9.02	
457271	71828	7/16"	1	\$9.18	
457272	71829	29/64"	1	\$10.20	
457273	71830	15/32"	1	\$10.20	
457274	71831	31/64"	1	\$11.80	
457275	71832	1/2"	1	\$12.00	



Cobalt Drill Bit Sets

Steelex Cobalt alloy bits handle high-tensile steels & hard-to-machine alloys used in aerospace applications. 135° split point bits eliminate the bits from walking.

13-Piece Includes 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4" & steel indexed case.

Stk.	Mfr.	Price
785625	D2138	\$25.20

29-Piece Includes 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", 1/2" & steel indexed case.

Stk.	Mfr.	Price
785626	D2140	\$146.00

Cobalt Drill Bits

Irwin 8% cobalt for super abrasive resistance drilling in hardened steel, super alloys, titanium & stainless steel. 135° split point reduces feed pressure minimizing bit "walk." Heavy-duty web construction for strength & durability.

Stk.	Mfr.	Size	Price
457213	63104	1/16"	\$1.34
457214	63105	5/64"	\$1.34
457215	63106	3/32"	\$1.34
457216	63107	7/64"	\$1.41
457217	63108	1/8"	\$1.66
457218	63109	9/64"	\$1.78
457219	63110	5/32"	\$1.91
457220	63112	3/16"	\$2.28
457221	63114	7/32"	\$3.04
457222	63116	1/4"	\$3.78
457223	63120	5/16"	\$5.24
457224	63124	3/8"	\$7.92
457225	63128	7/16"	\$9.53
457226	63132	1/2"	\$12.00

15-Piece Set Includes 1 ea. of 5/64", 7/64", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"; 2 ea. of 1/16", 3/32", 1/8" & molded case.

Stk.	Mfr.	Size	Price
457252	316015		\$45.70

Steel Taper Point Drill Bits

W.L. Fuller Cut wood and plastic in 1 operation for the thread and shank of wood screws with this general purpose taper point drill bit. Recommended for most jobs, whether in a drill press or in hand-held equipment. Bits cut well in both hard and softwoods.

Stk.	Mfr.	Drill Dia.	Screw Size	Flute Length	Overall Length	Price
416400	20100109	7/64"	#4	1-1/2"	2-5/8"	\$6.45
416405	20100125	1/8"	#5	1-5/8"	2-3/4"	\$6.28
416410	20100140	9/64"	#6	1-3/4"	2-7/8"	\$6.70
416415	20100156	5/32"	#7	2"	3-1/8"	\$6.70
416420	20100171	11/64"	#8	2-1/8"	3-1/4"	\$7.02
416425	20100187	3/16"	#9	2-5/16"	3-1/2"	\$7.35
416430	20100203	13/64"	#10	2-7/16"	3-5/8"	\$7.69
416435	20100218	7/32"	#12	2-1/2"	3-3/4"	\$8.17

7-Piece Set Includes 1/8", 9/64", 5/32", 11/64", 3/16", 13/64" & 7/32" bits.

Stk.	Mfr.	Price
416450	20190001	\$44.50

14-Piece Set Includes 1 each of 1/8", 9/64", 5/32", 11/64", 7/32", 9/32" & 5/16", 3 each of 3/16" & 2 each of 13/64" & 1/4".

Stk.	Mfr.	Price
416455	20190014	\$103.00

Blacksmith Drill Bits

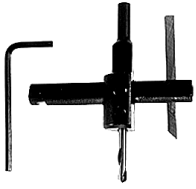


Irwin Silver & Deming HSS bits with 1/2" reduced shanks. 3-flatted shank for secure grip. 118° split point.

Stk.	Mfr.	Size	Overall Length	Price
461353	91136	9/16"	6"	\$17.80
461420	91140	5/8"	6"	\$19.80
461426	91144	11/16"	6"	\$22.10
461487	91148	3/4"	6"	\$24.00
461493	91152	13/16"	6"	\$27.40
461554	91156	7/8"	6"	\$29.30
461558	91160	15/16"	6"	\$33.50
461621	91164	1"	6"	\$37.90

8-Piece Set Includes 9/16" to 1" by 16ths, plus molded case.

Stk.	Mfr.	Size	Overall Length	Price
461320	90108		6"	\$256.00



Circle Cutters

General Replaceable high speed steel blades. Maximum safe speed 500 rpm.

Stk.	Mfr.	Shank	Circles	Price
417000	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	\$16.30
417067	5B	3/8" Rd.	1" to 6"	\$22.60
417469	55	1/2" Rd.	1-3/4" to 8"	\$33.60



Bell Hanger Bit

Vermont American Heat-treated and tempered for long life. Wide flute design allows for fast, clean boring in wood and plaster. Hole in flute head for pulling wires. Used for drilling lamp columns for cord or pipe nipple to hold socket.

Stk.	Mfr.	Size	Length	Price
261922	13323	3/8"	18"	\$14.20



Drill Stop Set

General For use on twist or brad point drills to prevent excessive drill penetration. Positive depth control assures exact hole depths for multiple drilling jobs. Black oxide finish on cold rolled steel.

Includes hex wrench & 6 stops: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stk.	Mfr.	Price
419618	S838	\$5.48



Step Drill Bits

Unibit Bits are constructed of industrial-grade high speed molybdenum steel. For use with steel, copper, brass, aluminum and other thin materials. Exclusive design allows the drilling of perfectly round holes in these materials.

Stk.	Mfr.	Holes	Hole Sizes	Price
619700	10231	13	1/8"-1/2"	\$29.00
619701	10232	6	3/16"-1/2"	\$29.00
619702	10233	9	1/4"-3/4"	\$52.30
619703	10234	12	3/16"-7/8"	\$61.80

3-Piece Set Includes 10231, 10232 & 10233.

Stk.	Mfr.	Holes	Hole Sizes	Price
619710	10502			\$107.00



Self-centering Hinge Vix Bits

General Highly accurate self-centering bits for drilling pilot holes in cabinet & door hinges, door butts & in large & small hardware. Spring-loaded outer guide keeps the high speed drill centered for perfect pilot holes. Adjustable drill depth.

Stk.	Mfr.	Drill Size	Drill Depth	Screw Size	Price
417990	291	5/64"	1/8"	3 & 4	\$10.50
417991	292	7/64"	7/32"	5 & 6	\$10.10
417992	293	9/64"	5/16"	8 & 10	\$10.60



Carbide Forstner Bits

freud

Carbide bits bring a technical level of excellence not found in a standard high speed steel forstner bit. Drill through a multitude of materials and use bits to drill pocket, angled, overlapping and flat bottom holes. Will not burn and will stay sharper longer.

Stk.	Mfr.	Size	Shank	Price
412400	FC-001	1/4"	5/32"	\$27.10
412401	FC-002	3/8"	1/4"	\$27.10
412402	FC-003	1/2"	5/16"	\$28.80
412403	FC-004	5/8"	5/16"	\$30.80
412404	FC-005	3/4"	3/8"	\$33.80
412405	FC-006	7/8"	3/8"	\$36.70
412406	FC-007	1"	3/8"	\$40.00
412407	FC-008	1-1/8"	3/8"	\$42.20
412408	FC-009	1-1/4"	3/8"	\$45.40
412409	FC-010	1-3/8"	3/8"	\$47.20
412410	FC-011	1-1/2"	3/8"	\$55.60
412411	FC-012	1-5/8"	3/8"	\$59.60
412412	FC-013	1-3/4"	3/8"	\$64.60
412413	FC-014	1-7/8"	3/8"	\$70.90
412414	FC-015	2"	3/8"	\$75.30
412415	FC-016	2-1/8"	3/8"	\$86.70

7-Piece Set Includes 1/4", 3/8", 1/2", 5/8", 3/4", 1" & 1-3/8" bits, plus wood case.

Stk.	Mfr.	Size	Shank	Price
412416	FC-107			\$231.00



HSS Forstner Bits & Set

freud

Unique design has multiple cutting surfaces that produces a greater shearing action resulting in less heat and a faster, cleaner cut. Drills clean, smooth holes in veneers or thick, heavy stock. Small center spur for accurate starts. Bore any circle arc at any angle.

Stk.	Mfr.	Size	Shank	Price
412100	FB-001	1/4"	1/4"	\$8.64
412101	FB-002	3/8"	1/4"	\$8.64
412102	FB-003	1/2"	5/16"	\$9.29
412103	FB-004	5/8"	5/16"	\$10.50
412104	FB-005	3/4"	3/8"	\$12.00
412105	FB-006	7/8"	3/8"	\$12.60
412106	FB-007	1"	3/8"	\$13.50
412107	FB-008	1-1/8"	3/8"	\$14.50
412108	FB-009	1-1/4"	3/8"	\$15.60
412109	FB-010	1-3/8"	3/8"	\$17.90
412110	FB-011	1-1/2"	3/8"	\$21.00
412111	FB-012	1-5/8"	3/8"	\$23.20
412112	FB-013	1-3/4"	3/8"	\$25.00
412113	FB-014	1-7/8"	3/8"	\$25.80
412114	FB-015	2"	3/8"	\$28.10
412115	FB-016	2-1/8"	3/8"	\$32.10

4-Piece Set Includes 1/4", 1/2", 3/4", 1" bits, plus wood case.

Stk.	Mfr.	Size	Shank	Price
412118	FB-104			\$36.40

7-Piece Set Includes bits from 1/4" to 1" in 1/8" increments, plus wood case.

Stk.	Mfr.	Size	Shank	Price
412117	FB-107			\$70.90

16-Piece Set Includes bits from 1/4" to 2-1/8" in 1/8" increments, plus wood case.

Stk.	Mfr.	Size	Shank	Price
412116	FB-100			\$262.00



Titanium-Coated (TiN) Forstner Bit Set

Steelex Because of their edge holding capabilities, Titanium Nitride-coated bits stay 6x sharper. 3-1/2"L, 3/8" shank.

Includes 1/4" to 2-1/8" bits in increments of 1/8" & wood case.

Stk.	Mfr.	Price
785617	D2019	\$102.00



Solid Center Auger Bits

Irwin For use in electric drills and hand braces. Heat-treated full length for added strength. Coarse screw point for fast boring in all types of wood.

Stk.	Mfr.	Size	Shank	Length	Price
484010	49904	1/4"	3/8"	7-1/2"	\$14.40
484012	49906	3/8"	3/8"	7-1/2"	\$14.50
484014	49908	1/2"	3/8"	7-1/2"	\$14.60
484016	49910	5/8"	3/8"	7-1/2"	\$14.60
484018	49912	3/4"	3/8"	7-1/2"	\$15.70
484020	49914	7/8"	3/8"	7-1/2"	\$17.10
484022	49916	1"	3/8"	7-1/2"	\$18.50

6-Piece Set Includes 1/4", 3/8", 1/2", 5/8", 3/4" & 1", plus vinyl holder.

484034	49998				\$88.40
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13-Piece Set Includes 1/4" to 1" by 16ths, plus holder.

485275	90076				\$196.00
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Bit Extensions



Irwin For all wood bits with 1/4" shanks. 3 flats on shank. Follows 5/8" & larger bits through hole. Heavy-duty double set screw.

Includes Allen wrench.

Stk.	Mfr.	Size	Shank	Length	Price
485008	88702	5/8"	1/4"	6"	\$6.05
962358	88601	5/8"	1/4"	12"	\$7.53



Lock-n-Load 1/4" Quick Change Bit Extension

Irwin Magnetic, 1-hand quick-change chuck. Durable carbon steel sleeve & body. Select a 1/4" grooved hex shank bit, slide back the chuck sleeve, load the bit, release the sleeve & drill.

Stk.	Mfr.	Size	Length	Price
619535	4935703	1/4"	2"	\$12.80
619536	4935704	1/4"	6"	\$14.50
619537	4935705	1/4"	12"	\$16.10



MAX Self-feed Wood Bit

Speedbor 3x cutting edges extends bit life. Use for drilling large dia. holes in wood for pipe, conduit & more. Replaceable coarse screw point drills quickly in dry, wet & gummy wood.

- Precision-milled shank eliminates runout & wobble
- 7/16" quick-change hex impact shank (fits 1/2" or larger electric drills or hex impact wrench drills, 7/16")
- Resharpenable edges

Stk.	Mfr.	Size	Shank	Length	Price
452779	3046004	1"	7/16"	5"	\$33.00
452781	3046006	1-1/4"	7/16"	5"	\$33.70
452782	3046008	1-1/2"	7/16"	5"	\$34.50
452783	3046009	1-3/4"	7/16"	5"	\$36.50
452784	3046010	2"	7/16"	5"	\$37.70
452785	3046012	2-1/4"	7/16"	5"	\$41.50
452786	3046014	3"	7/16"	5"	\$90.60



MAX Speed Bit Sets

Speedbor Tri-Flute design for faster chip ejection. Cutting spurs have 3 cutting edges for added durability. Full screw tip allows bit to self feed. Grooved hex shank prevents slipping in drill chuck or bit extension. Fits all standard 1/4" quick change chucks.

3-Piece Set Includes 5/8", 3/4" & 1" bits.

Stk.	Mfr.	Shank	Length	Price
619514	3041003	1/4"	6"	\$23.10

6-Piece Set Includes 1/2", 5/8", 3/4", 7/8", 1" & 1-1/4" bits.

619515	3041006	1/4"	6"	\$44.90
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Brad Point Drill Bits & Sets



Irwin Precision-ground for furniture making,

doweling, cabinetry & other woodworking applications. Spurred cutting head reduces splintering & ensures a smooth, clean hole. Wide flutes for fast, continuous chip flow. * **Bit with 3/8" reduced shank.**

Stk.	Mfr.	Size	Price
452703	49612	1/8"	\$4.67
452704	49613	3/16"	\$5.00
452705	49614	1/4"	\$5.22
452706	49615	5/16"	\$6.16
452707	49616	3/8"	\$7.29
452708	49617	7/16"	\$9.27
452709	49618	1/2"*	\$10.40

5-Piece Set Includes 3/16", 1/4", 5/16", 3/8" & 1/2"* bits.

452710	49600		\$28.70
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7-Piece Brad Point Drill Bit Set



Steelex Carbide-tipped brad point bits produce professional, crisp, flat-bottomed holes. Carbide-tipped bits stay sharper longer & practically eliminate cross-grain tear-out. Ideal for boring exotic or high-density woods.

Includes 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" bits, plus wood case.

Stk.	Mfr.	Price
785600	D1032	\$23.30



Masonry Drill Bits & Sets

Use double flute masonry bits for drilling in brick, cinder block and tile. The double flute design drills twice as fast as standard masonry bits. Carbide tip minimizes wear and extends the life of the bit.

Irwin

Stk.	Mfr.	Size	Shank	Price
457230	61108	1/8" x 3"	1/4"	\$2.26
457232	61112	3/16" x 4"	1/4"	\$2.35
457236	61116	1/4" x 4"	1/4"	\$2.47
457238	61120	5/16" x 4"	1/4"	\$3.02
457240	61124	3/8" x 4"	1/4"	\$4.19
457244	61128	7/16" x 4"	1/4"	\$5.06
457246	61132	1/2" x 4"	1/4"	\$5.99
457248	61140	5/8" x 6"	3/8"	\$9.18
457250	61148	3/4" x 6"	3/8"	\$13.00

Irwin 5-Piece Set Includes 3/16", 1/4", 5/16", 3/8", 1/2" bits & plastic box.

Stk.	Mfr.	Size	Shank	Price
457258	61170		1/4"	\$18.10

Vermont American 5-Piece Set Not for use in hammer drills. **Includes** 5/32", 3/16", 1/4", 5/16", 3/8" & case.

Stk.	Mfr.	Size	Shank	Price
261903	14012			\$11.00



Spade Bits & Sets

Irwin Spade bits w/Blue-Groove™ point flanked by extended spurs & angled cutting edges to cut rather than scrape away wood. Shank fits all drills & 1/4" quick change holders. Please include size when ordering.

4-3/4" Spade Bits

Stk.	Mfr.	Size	Shank	Length	Price
461300	87908	1/2"	1/4"	4-3/4"	\$3.11
461301	87910	5/8"	1/4"	4-3/4"	\$3.43
461302	87912	3/4"	1/4"	4-3/4"	\$3.43
461303	87914	7/8"	1/4"	4-3/4"	\$3.62
461304	87916	1"	1/4"	4-3/4"	\$3.75
461305	87920	1-1/4"	1/4"	4-3/4"	\$5.20
461306	87924	1-1/2"	1/4"	4-3/4"	\$5.20

4-3/4" Spade Bits, 3-Piece Set Includes 1/2", 3/4" & 1".

Stk.	Mfr.	Size	Shank	Length	Price
461307	87950		1/4"	4-3/4"	\$9.86

6" Spade Bits

Stk.	Mfr.	Size	Shank	Length	Price
485180	88804	1/4"	1/4"	6"	\$3.13
485181	88805	5/16"	1/4"	6"	\$3.13
485182	88806	3/8"	1/4"	6"	\$3.18
485183	88807	7/16"	1/4"	6"	\$3.18
485184	88808	1/2"	1/4"	6"	\$3.34
485185	88809	9/16"	1/4"	6"	\$3.29
485186	88810	5/8"	1/4"	6"	\$3.48
485187	88811	11/16"	1/4"	6"	\$3.48
485188	88812	3/4"	1/4"	6"	\$3.48
485189	88813	13/16"	1/4"	6"	\$3.62
485190	88814	7/8"	1/4"	6"	\$3.62
485191	88815	15/16"	1/4"	6"	\$3.85
485192	88816	1"	1/4"	6"	\$3.85
485194	88818	1-1/8"	1/4"	6"	\$5.28
485196	88820	1-1/4"	1/4"	6"	\$5.28
485198	88822	1-3/8"	1/4"	6"	\$5.28
485200	88824	1-1/2"	1/4"	6"	\$5.28

6" Spade Bits, 3-Piece Set Includes 1/2", 3/4" & 1", plastic roll.

461308	88889		1/4"	6"	\$12.50
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6" Spade Bits, 6-Piece Set Includes 3/8", 1/2", 5/8", 3/4", 7/8" & 1".

485201	88886		1/4"	6"	\$24.70
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6" Spade Bits, 6-Piece Set in Metal Rack Includes 3/8", 1/2", 5/8", 3/4", 7/8", 1" & metal rack.

485202	88888		1/4"	6"	\$24.20
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6" Spade Bits, 6-Piece Set w/extension Includes 3/8", 1/2", 5/8", 3/4", 1" & 6" ext., plastic roll.

461309	88898		1/4"	6"	\$33.40
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6" Spade Bits, 13-Piece Set Includes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 13/16", 7/8", 15/16", 1", plastic roll.

485203	88894		1/4"	6"	\$48.90
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13-Piece Spade Bit Set

Craftsman HSS 1/4" shank bits.

Includes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" & metal storage rack.

Stk.	Mfr.	Price
305725	20919	\$22.50

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

31-Piece Fastener Drive Tool & Spade Bit Set

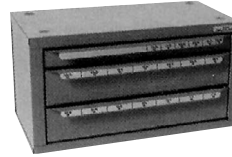


Eazypower Includes seven 2" power bits (2 ea. #'s 1, 2, 3), two 2" slotted bits (1 ea. 8-10 & 10-12), three 1" square recess bit (#2), six 2" square recess bits (2 ea. #1, 3 ea. #2, 1 ea. #3), four 1" Phillips bits (#2), six 6" spade bits (1 ea.

3/8", 1/2", 5/8", 3/4", 7/8", 1") plus, quick-change chuck, (2-1/2"), magnetic bit holder (2-1/4"), compact magnetic screw guide (3-1/6") & nylon case.

Stk.	Mfr.	Price
619507	3057031	\$40.60

Drill Bit Dispenser Cabinets



Huot Cost effective bit management & storage. The safest way to store sharp tools. Easy-read permanent ID strips show tool size & decimal equivalents. Heavy-gauge steel cabinet & drawers w/baked epoxy finish. Stackable cabinet w/full drawer extensions & 1-piece slides.

Multi-compartment drawers hold full packages of each bit size (12-piece min., sizes 1/16 - 1/2 x 64ths).

14-5/8"L x 7-3/8"W x 7-3/4"H. 10-1/2 lbs.

Cabinet Only

Stk.	Mfr.	Price
682718	AP53-1	\$113.00

Cabinet w/217 Bits Cabinet filled w/Irwin No. 601- Fraction HSS Bits. For general use in metal, wood & plastic. Jobbers length straight shank.

118° standard point. **Includes** 24 ea. of 1/8", 3/16", 1/4", 12 ea. of 1/16", 5/64", 3/32", 7/64", 9/64", 5/32", 11/64", 13/64", 7/32", 15/64", 3 ea. of 3/8", 2 ea. of 1/2", 9/32", 5/16", 11/32", 13/32", 7/16", 1/2", 1 ea. of 19/64", 21/64", 23/64", 25/64", 27/64", 29/64", 15/32", 31/64".

Stk.	Mfr.	Price
544849	DBA	\$359.00

Drill Bit Stand

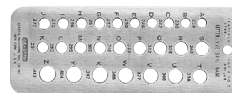


Irwin Industrial-quality drill stand holds 29 drill sizes.

5-3/4"L x 2-5/8"W x 1-3/4"H.

Stk.	Mfr.	Bit Size	Price
463050	60172	1/16"-1/2" by 64ths	\$8.01

Drill Gauges



General Made of tempered steel. Used to quickly and conveniently identify drill bit sizes. Hole sizes and decimal equivalents are permanently etched on the face.

Stk.	Mfr.	Bit Size	Price
417134	14	1/16" - 1/2"	\$15.30
417201	15	#1 - #60	\$15.70

Tap & Drill Gauge



Starrett See at a glance the correct size tap drill for any common size machine screw tap in "NF" or "NC" thread series and will leave the right amount of stock for approximately 65% full thread. Also shows the correct body size drill to use and provides 60 holes marked with the number size and decimal equivalent of the drill that fits each hole. Thoroughly tested for accuracy after hardening. Satin finish.

Tap size: 2 - 56 to 1/4 - 28. Drill gauge numbers 1 to 60. Range: tap drill 50 to 3, body drill 44 to 1/4. Tool size 5/64"T x 2-5/16"W x 6-1/4"L.

Stk.	Mfr.	Price
874265	185	\$82.70

3-Piece Drill Gauge Set



Steelex Steel plates have clear markings, precision stamped gauge holes and lists numbered (1-60), lettered (A-Z) and fractional (1/16"-1/2" by 1/64") sized drill bits.

Includes a tap drill/clearance drill reference chart.

Stk.	Mfr.	Price
785750	D4141	\$11.50

Wire Cup Brushes



Weiler Constructed for perfect balance. Heat-treated high-carbon steel crimped wire.

Stk.	Mfr.	Dia.	Wire Size	Trim Length	Max. Speed (rpm)	Price
969229	13245	3"	.014-Med.	7/8"	14,000	\$21.70
969230	14016	4"	.0118-Med.	1-3/8"	9,000	\$34.90

Wire End Brushes



Weiler Brush is permanently mounted on 1/4" steel stem. Balanced for vibration-free running. Heat treated high-carbon steel wire. Banding produces a controlled brush face by reducing brush flare.

Stk.	Mfr.	Dia.	Wire Size	Shank	Trim Length	Max. Speed (rpm)	Price
969227	10011	1"	.014-Med.	1/4"	7/8"	22,000	\$12.10
969228	10012	1"	.020-Coarse	1/4"	7/8"	22,000	\$11.50

Wire Wheel Brushes



Weiler Narrow-face crimped wire wheel permanently mounted on 1/4" steel stem. Balanced for vibration-free running. Heat-treated high-carbon steel wire.

Stk.	Mfr.	Dia.	Wire Size	Shank	Trim Length	Max. Speed (rpm)	Price
969231	17617	3"	.008-Fine	1/4"	1"	20,000	\$14.40
969232	17615	3"	.014-Med.	1/4"	1"	20,000	\$19.30

Drill Bit Grinding Attachment



General For all bit sharpening. Used against side of grinding wheel, not on the face edge. Adjustable for 5 standard bit angles. Will sharpen all bits from 1/8" to 3/4".

Stk.	Mfr.	Price
419546	825	\$35.60

5-Piece 1/4" Shank Rotary File Set



Steelex 1/4" shank wood rasps feature 5 different shaping profiles to remove wood quickly with aggressive cutting teeth.

Includes 5/8" ball, 5/8" cylindrical, 5/8" oval, 5/8" taper & 5/8" cone.

Stk.	Mfr.	Price
785630	D2257	\$6.33



Spiral Screw Extractors & Sets

Irwin Easily extract broken studs, bolts, socket screws and fittings. Made of rugged, high-carbon steel. Aggressive left-hand spiral design for extra gripping power.

Stk.	Mfr.	Removes Screw Sizes	Price
454518	52401	3/32" - 5/32"	\$2.17
454519	52402	5/32" - 7/32"	\$2.47
454586	52403	7/32" - 9/32"	\$2.58
454653	52404	9/32" - 3/8"	\$2.93
454720	52405	3/8" - 5/8"	\$3.89
454721	52406	5/8" - 7/8"	\$7.95

5-Piece Set 5 screw extractors (#'s 52401 to 52405).

Stk.	Mfr.	Price
462961	53535	\$14.90

6-Piece Set 6 screw extractors (#'s 52401 to 52406).

Stk.	Mfr.	Price
463028	53545	\$21.30

10-Piece Set 5 cobalt drills (5/64", 7/64", 5/32", 1/4", 19/64") w/matching screw extractors (#'s 52401 to 52405) & vinyl pouch.

Stk.	Mfr.	Price
452673	11117	\$38.80



5-Piece Super Out Screw Extractor Set

Lisle Extremely strong set made of special hardened, shock-resistant tool steel. Works on left- and right-hand threads. Extractors cut their way straight into bolts, eliminating wedging or further tightening of frozen bolts and screws. Extracts 1/4" to 1/2" bolts and screws.

Includes 5 extractors (removes bolt sizes 1/4", 5/16", 3/8", 7/16", 1/2").

Stk.	Mfr.	Price
503898	62900	\$17.60

Drill Grinder & Sharpener



DAREx Sharpens common point styles with ease. Accurately sharpen most common drills in under a minute.

- Cutting tools 1/8" - 3/4" dia.
- Manual operation

- Point angles sharpened 118°-140°
- Sharpens standard conic & split point bits
- 115V, 4.5 amp, 60hz, 3,450 RPM

Tool size 12" x 11" x 9". Tool weight 18 lbs.

Includes Borazon (CBN) wheel for HSS & cobalt sharpening.

Stk.	Mfr.	Price
683060	V390	\$1,753.00

End Mill Sharpener/Grinder



DAREx This machine quickly sharpens a wide range of end mills. Renew end mills with up to 1" in diameter and 6" flute length and easily sharpen long flute end mills. The easy-pull handle allows precise control of the air-bearing spindle. Pull and rotate the spindle the full length of the end mill without hand re-positioning.

- Sharpens 3/16" to 1" shank dia.
 - Cutting tool dia.: 1/16" - 1" shank capacity, up to 2" flute dia.
 - Point angles sharpened: 2° fishtail on the end of the tool
 - Point styles sharpened: 2-, 3-, 4-, & 6-flute HSS, cobalt & carbide end mills
- 3.2 amps @ 115V, 1.6 amps @ 230V.
Tool size 17.5" x 17" x 10.75". Tool weight 72 lbs.

Includes resin-bonded CBN sharpening wheel.

Stk.	Mfr.	Price
683008	E90	\$3,778.00



Manual Drill Bit Grinder

DAREx Workhorse sharpener is expandable to meet a variety of sharpening needs. Sharpen a variety of drill sizes and styles manually with the advantages of a highly advanced manual drill and tool sharpener.

- Drill dia. 1/8" - 1 3/16"
 - Drill lengths unlimited max., 2" min.
 - Point angles sharpened 118°-150°
 - Sharpens standard conic & split point bits
- 2.5 amps @ 115V, 1.6 amps @ 230V 1/4 HP.
Tool size 20" x 20" x 16". Tool weight: 68 lbs.

Includes borazon (CBN) for HSS & cobalt sharpening wheels.

Stk.	Mfr.	Price
683065	XT3000	\$3,886.00

Automated Drill Grinder & Sharpener



DAREx Automated sharpening system increases productivity by controlled cycle times & pre-drill set up. Heavy-duty machine capable of sharpening all day.

- LCD screen displays 5 different languages
- Point angles sharpened 118°-150°

- Sharpens standard conic & split point bits
- Sharpens a variety of sizes & styles of drills, plus other tools
- Attachments can be interchanged in seconds
- 1-yr. mfr.'s warranty

2.5 amps @ 115V, 1.6 amps @ 230V. Tool size 20" x 20" x 16". Tool weight 68 lbs.

Includes controller/display & chuck.

Stk.	Mfr.	Price
683066	XT3000A	\$4,966.00

Drill Bit Sharpener

Drill Doctor 3 easy steps to provide a precision-sharp drill bit: (1) chuck the bit (2) align the bit (3) sharpen the bit.

- Sharpen every drill bit 100's of times quickly, easily & professionally
- Sharpens HSS, carbide, TiN-coated, masonry & cobalt bits
- Powerful 110V, 20,000 rpm motor (Model SB is 14,000 rpm)
- EZ-align System™ for correct sharpening alignment
- Replaceable diamond sharpening wheel
- Eliminates jaw twisting on small bits
- Tool-grade, impact-resistant casing
- 3-yr. mfr.'s warranty
- Double insulated
- USA made

Includes 6' cord & instructional sharpening DVD.

350X Standard Bit Sharpener



Drill Doctor Features 118° point angle sharpening & replaceable diamond wheel.

Stk.	Mfr.	Price
683000	DD350X	\$67.00



500X Combination Bit Sharpener

Drill Doctor Features point splitting w/Push-to-Stop design (to prevent over-splitting), sharpening for bits with 118° / 135° point angles & those up to 3/4", sturdy cast aluminum point angle shuttle & quick-change diamond wheel.

*** Requires Large Bit Chuck, sold separately.**

Stk.	Mfr.	Price
683001	DD500X	\$134.00



750X Combination Bit Sharpener

Drill Doctor Features point splitting w/ Push-to-Stop design (to prevent over-splitting), sharpening for bits with 118° / 135° point angles & those up to 3/4", sturdy cast aluminum point angle shuttle & quick-change diamond wheel, plus custom sharpening of 115-140°

point angle bits & variable material take off (controls amount of bit material removed).

Includes molded case.

*** Requires Large Bit Chuck, sold separately.**

Stk.	Mfr.	Price
683002	DD750X	\$162.00



SB Twist & Spade Bit Sharpener

Drill Doctor Features spade bit sharpening from 1/4" to 1-1/2" (including spade bits w/spurs, screw point bits, spear point bits & screw cutter bits) using a 4,500 rpm industrial-grade profiled, vitrified wheel.

- Twist bit sharpening of 118° point angles

- Twist & masonry bit sharpening up to 1/2"
- Sharpening angle adjustable up to 7° of skew
- Long-lasting, replaceable profiled spade bit grinding wheel
- Replaceable diamond twist bit wheel

Stk.	Mfr.	Price
683005	DDSB	\$135.00

Drill Doctor Accessories

Drill Doctor

Large Bit Chuck For sharpening drill bits 1/2" to 3/4" dia. For 500X & 750X.

Stk.	Mfr.	Price
683004	DA70100PF	\$53.20

Sharpening Wheels Replacement wheel for 3/32"-1/2" drill bits. 180-grit wheel w/3 layers of nickel/diamond plating provides 200 or more sharpenings. For 350X, 500X, 750X & SB.

Stk.	Mfr.	Price
683003	DA31320GF	\$26.60

Spade Bit Grinding Wheel Set Industrial-grade profiled, vitrified wheels. Includes coarse & fine (46 & 60 grit) wheels.

Stk.	Mfr.	Price
683006	DA60059GF	\$13.00

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HOLE SAWS



Multiple-blade Hole Saws

Great Neck Cuts through wood, pressed wood & plastic. Maximum cut depth 1-3/4". Cuts 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4" & 2-1/2" holes. 1/4" shank.

Stk.	Mfr.	Price
281171	HC7D	\$12.10



Single-blade Hole Saws

MORSE Variable-pitch bi-metal hole saws feature a high speed M3 cutting edge with varying tooth sets and gullet depths (4-6 TPI).

Stk.	Mfr.	Dia.	Thread Size	Price
877948	AV09	9/16"	1/2-20	\$11.00
877949	AV10	5/8"	1/2-20	\$8.24
877950	AV11	11/16"	1/2-20	\$8.24
877951	AV12	3/4"	1/2-20	\$8.24
877952	AV13	13/16"	1/2-20	\$8.24
877953	AV14	7/8"	1/2-20	\$8.24
877954	AV15	15/16"	1/2-20	\$8.24
877955	AV16	1"	1/2-20	\$8.63
877956	AV17	1-1/16"	1/2-20	\$8.63
877957	AV18	1-1/8"	1/2-20	\$8.63
877958	AV19	1-3/16"	1/2-20	\$8.63
877959	AV20	1-1/4"	5/8-18	\$8.74
877960	AV21	1-5/16"	5/8-18	\$8.74
877961	AV22	1-3/8"	5/8-18	\$9.35
877962	AV23	1-7/16"	5/8-18	\$9.35
877963	AV24	1-1/2"	5/8-18	\$9.35
877964	AV25	1-9/16"	5/8-18	\$9.35
877965	AV26	1-5/8"	5/8-18	\$9.35
877966	AV27	1-11/16"	5/8-18	\$9.35
877967	AV28	1-3/4"	5/8-18	\$11.60
877968	AV29	1-13/16"	5/8-18	\$11.60
877969	AV30	1-7/8"	5/8-18	\$11.60
877970	AV32	2"	5/8-18	\$11.60
877971	AV34	2-1/8"	5/8-18	\$13.70
877972	AV36	2-1/4"	5/8-18	\$13.70
877973	AV38	2-3/8"	5/8-18	\$13.70
877974	AV40	2-1/2"	5/8-18	\$14.70
877975	AV42	2-5/8"	5/8-18	\$14.70
877976	AV44	2-3/4"	5/8-18	\$14.70
877977	AV46	2-7/8"	5/8-18	\$14.70
877978	AV48	3"	5/8-18	\$15.10
877979	AV50	3-1/8"	5/8-18	\$15.10
877980	AV52	3-1/4"	5/8-18	\$15.10
877981	AV54	3-3/8"	5/8-18	\$15.10
877982	AV56	3-1/2"	5/8-18	\$15.10
877983	AV58	3-5/8"	5/8-18	\$17.00
877984	AV60	3-3/4"	5/8-18	\$19.90
877985	AV62	3-7/8"	5/8-18	\$21.00
877986	AV64	4"	5/8-18	\$21.80
877987	AV68	4-1/4"	5/8-18	\$31.10
877988	AV72	4-1/2"	5/8-18	\$43.00



Hole Saw Arbors

MORSE Heavy-duty, carbon steel arbors. For 1/4" high speed drills.

Includes arbors w/pilot drills.

Stk.	Mfr.	Thread	Chuck	Shank	Fits	Price
877991	M24K	1/2-20	1/4"	1/4" Round	9/16"-1-3/16"	\$6.60
877992	M45	5/8-18	1/2"	7/16" Hex	1-1/4"-2-3/8"	\$9.28
877993	M45P	5/8-18	1/2"	7/16" Hex	1-1/4"-6"	\$15.60



Hole Saw Kits

MORSE

Electrician's Kit Pipe entrance sizes for pipe & conduit through 2" (7/8", 1-1/8", 1-3/8", 1-3/4", 2" & 2-1/2"), 2 arbors & case.

Stk.	Mfr.	Price
877945	AV02E	\$88.20

Industrial Kit 15 plumbing & electrical sizes for pipe & conduit through 4" arbors (3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/4" & 4-1/2"), 3 arbors, 1 extension (12") & case.

877947	AV06I	\$251.00
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Maintenance Kit Designed for plumbers, electricians, industrial and general purpose maintenance. **Includes** 9 plumbing & electrical sizes for pipe & conduit through 2" (3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4" & 2-1/2"), 3 arbors, 1 extension (12") & case.

877989	AV100	\$122.00
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Master Electrician's Kit Sizes for pipe & conduit through 4" (7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8" & 4-1/2"), 3 arbors & case.

877944	AV08E	\$183.00
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Plumber's Kit Pipe tap sizes for pipe through 2" (3/4", 7/8", 1-1/8", 1-1/2", 1-3/4" & 2-1/4"), 2 arbors & case.

877946	AV04P	\$85.80
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14-Piece Master Hole Saw Kit

DEWALT Combines De-Walt's Plumber's, Electrician's & Door Lock Installation Kits. Hole saws are HSS double tooth (for strength & durability) & deep cut (for fast, effective cutting) w/thick-hardened packing plates (to prevent stripping & warping). Quick-change mandrels ensure quick, easy set-up.

Includes 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4", 2-1/2", small & large quick change mandrel, replacement parts & molded case.

Stk.	Mfr.	Price
242830	DI80005	\$145.00



5-Piece Hole Saw Set

Vermont American For cutting wood, plastics and composite material up to 3/4" deep. Constructed of hardened and tempered steel with precision sharpened teeth for long life and smooth cuts. Designed to be used by plumbers, electrician's and general purpose maintenance.

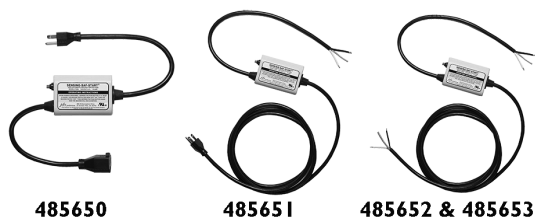
Includes 1-1/4", 1-1/2", 2", 2-1/8" & mandrel.

Stk.	Mfr.	Price
261920	18398	\$15.10

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SAFETY CONTROLS



Restart Safety Plugs

JDS Products The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hack-saws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

You must install any matching plugs on the power cord.

Model 1996 For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
485650	1996	120	15	\$97.00

Model 1997 For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

Stk.	Mfr.	Volts	Amps	Price
485651	1997	120	15	\$97.00

Model 1998 For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
485652	1998	120	18	\$97.00

Model 1999 For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
485653	1999	200-240	15	\$97.00



Magnetic Safety Switch

General Intl. For use on all types of stationery power tools. Extra-large 6" x 6-1/2" STOP panel for hands-free shut-off using knee, thigh, hip or elbow (depending on switch position).

Built-in circuit breaker cuts power to machine in case of power surge or power failure. Ultra-safe design requires 2-step restart procedure after any shut-off. Adaptable to fit on most existing switch mounting brackets or directly to machine cabinets (drilling may be required.) Equipped with removable lock-out safety key.

Ultra-safe design requires 2-step restart procedure after any shut-off. Adaptable to fit on most existing switch mounting brackets or directly to machine cabinets (drilling may be required.) Equipped with removable lock-out safety key.

Stk.	Mfr.	Volts	Phase	HP	Amps	Price
420880	85-110	110	1	1	8-11	\$259.00
420881	85-120	110	1	3/4	10-15	\$259.00
420882	85-125	110	1	1	11-14	\$259.00
420883	85-210	220	1	2-3	8-11	\$259.00
420884	85-215	208-230	1	1-1/2	8-11	\$259.00
420885	85-225	220	1	2-3	14-17	\$259.00
420886	85-230	220	3	2	4.5-6.5	\$259.00
420887	85-240	208-230	1	3	10-15	\$259.00
420888	85-245	220	1	3	14-17	\$259.00
420889	85-255	220	3	5	11-14	\$259.00



iVac Switch Box

BCTINT iVac (Intelligent Vacuum) increases work shop cleanliness and safety by eliminating the distraction of turning dust collection system (DCS) on and off while operating potentially dangerous power tools. Easy-to-use unit features a 3-position switch (auto, on & off).

- Auto Mode starts DCS system when power tool is activated
- On Mode keeps DCS on for easy end-of-job cleanup
- Off Mode causes DCS to be off
- Turn on delay (0.5 to 2.0 sec.) avoids dual power surges from DCS & power tools being activated simultaneously
- Turn off delay (6 sec.) clears any remaining airborne debris
- 2 input power cords accommodate situations when large tools & DCS require more than the standard 15 amp AC outlet (each cord has built-in circuit breaker protection)
- Extends DCS life since it isn't inadvertently left on when not needed
- Compact, lightweight unit is easily wall mounted

ETL Safety Approval. Conforms to UL STD 244A & CSA STDC22.2 No. 14.

Stk.	Mfr.	Price
529500	SB-NA	\$55.70

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DRILL PRESSES



8" Benchtop Drill Press

Rikon 8" benchtop drill press is perfect for storage and transporting.

- Induction motor provides plenty of power for drilling
- Stepped pulleys give multiple spindle speed choices
- Adjustable depth stop for repeatable drilling
- Heavy cast iron base & head assembly

- Table tilts & moves up or down along column for best positioning
- Front on/off push button switch w/removable safety tab for extra security
- Mfr.'s 5-yr. warranty

Chuck size 1/2". Drilling capacity 1/2". 5 spindle speeds 620-3,100 rpm. Table size 6-5/8" x 6-3/8". Weight 32 lbs.

Includes chuck key, holder & speed selection chart.

Stk.	Mfr.	Volts	HP	Phase	Price
694170	30-100	120	1/3	1	\$188.00



10" Bench Drill Press w/Laser

SKIL Features 2-beam laser, adjustable depth stop and keyed chuck to achieve consistent and accurate results when drilling.

- VS gearing for different material types
- 0-45° tilting work surface for precise drilling
- Bump-off switch for added safety

Chuck size 1/2". Drilling capacity 2-3/8". 5 spindle speeds 570-3,050 rpm. Table size 7-5/8" x 7-5/8".

Includes cast iron base & work table, 2AA batteries & chuck key.

Stk.	Mfr.	Volts	Phase	Price
260298	3320-01	120	1	\$168.00



11" Micromot Bench Drill Press

Proxxon Drill micro holes to 1/64" with extremely high rotation accuracy (1-3/16" feed). Optimal power transmission belt drive (3 speeds). Powerful motor built into stable die-cast head offers quiet operation and long life.

- Adjustable parallel fence w/scale
- Solid, hard-chromed steel column

- 3 high-quality ball bearing assemblies free spindle of play, is recessed for the insertion of steel collets, plus threaded for attaching drill chucks with 3/8" thread

- High-quality machined table of ribbed die-cast aluminum
- 3-step aluminum pulleys & flat belt provide 3 spindle speeds
- Chrome feed lever w/adjustable drilling depth gauge
- Clamp lever adjustments for thick coarse headstock height

Drilling capacity 1/4" dia. Chuck size 2-3/8". Column 3/4" dia., 11"H.

Spindle travel 1-3/16". 3 spindle speeds 1,800-8,500 rpm.

Table work surface 4-3/4"W x 8-1/2"D.

Tool size 5-1/2"L x 9-1/2"W x 14"H. Tool weight 8.5 lbs.

Includes 6 triple slit steel collets 1/32", 1/16", 5/64", 3/32", 7/64" & 1/8".

Stk.	Mfr.	Volts	HP	Phase	Price
303004	38128	120	1/10	1	\$332.00

Chuck 1/64"-1/4"

303005	28122				\$20.70
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12" Bench Drill Press

JET 1/3 HP induction motor pushes through almost anything. 3-1/8" spindle travel for maximum depth cutting. X-shaped Xacta™ Laser ensures drilling accuracy. Stable 11-1/2" x 16-1/2" cast iron base allows for easy re-positioning on work bench and fits neatly on work benches w/limited space.

- Mechanical VS drive for easy speed changes
- Digital readout displays spindle speed for different drilling jobs
- LED worklight increases visibility for intricate applications
- Large paddle switch provides easy shut off & lockout protection
- Clear linear scale w/depth stop for consistent drilling depths
- Retractable roller extension provides support & quick workpiece adjustment
- Quality industrial 5/8" drill chuck
- Oversized, ergonomic knobs
- 3-yr. mfr.'s warranty

Drilling capacity 5/8" dia. Chuck size 5/8". Spindle taper MT-2.

Column 2-1/2" dia. Spindle travel 3-1/8". VS spindle speeds 530-3,100 rpm.

Table work surface 9-1/2"W (16-1/2"W w/extension) x 9-1/2"D.

Tool size 28.9"L x 20"W x 11.1"H. Tool weight 88.2 lbs.

Includes chuck w/key, drift key & hex wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
486110	JDP-12	115	1/3	1	\$462.00



13" Drill Press

Rikon 13" benchtop drill press features sturdy cast iron base, 16 spindle speed settings, a larger keyed chuck for bigger diameter drills and a cast iron round table that swivels as well as tilts.

- Induction motor provides plenty of power for drilling
- Adjustable depth stop for repeatable drilling
- Cast iron head assembly for reliable service
- 3-wing cast iron feed handle provides excellent control when drilling
- Front on/off push button switch w/removable safety tab for extra security
- Thick metal column for strong, rigid support
- Mfr.'s 5-yr. warranty

Drilling capacity 5/8" dia. Chuck size 5/8". Taper JT3. Column 2-7/8" dia.

Spindle travel 3-1/8". 16 spindle speeds 220-3,600 rpm.

Table work surface 11-3/16" dia., tilts 45°, rotates 360°.

Tool size 10-1/2" x 17-3/4" at base, 42"H. Tool weight 102 lbs.

Includes chuck key, holder & speed selection chart.

Stk.	Mfr.	Volts	HP	Phase	Price
694190	30-120	120	1/2	1	\$453.00



14" Bench Drill Press

General Intl. Industrial 1/2 HP, 12-speed motor features spindle speeds of 280 to 3,000 rpm. Spindle is supported by high-quality ball bearings, and cast iron pulleys reduce vibration.

- Rotating, 45° tilting, crank-operated worktable w/quick-release clamp
- Large, front-mounted safety switch w/lock-out
- Adjustable spindle tension-return spring
- Built-in lamp illuminates the drilling area
- Heavy-duty positive depth stop for quick adjustment

Drilling capacity 5/8" dia. Chuck size 5/8". Taper MT-2.

Column 2-7/8" dia. Spindle travel 3-1/8". 12 spindle speeds 280-3,000 rpm.

Table work surface 11-3/8" dia., tilt 45° R&L.

Tool size 10" x 16-7/8" at base, 46-1/2"H. Tool weight 105 lbs.

Includes chuck & key, worklight (bulb not included), depth stop & manual.

Stk.	Mfr.	Volts	HP	Phase	Price
420780	75-030M1	110	1/2	1	\$622.00



15" Bench Drill Press

J E T Hinged metal belt and pulley cover coupled with quick adjustment motor mount allows rapid changing of 16 spindle speeds.

- On/off switch located on front of drill press head for safety
- Rotating 45° tilting, crank-operated worktable
- Adjustable tension spindle return spring
- Spindle supported by high-quality ball bearings
- Depth stop displays inch/mm & features quick-set bolt
- Slotted X patterned worktable w/rear mounting fence grooves
- Limited lifetime mfr.'s warranty

Drilling capacity 5/8" dia. Chuck size 5/8". Taper MT-2/JT-33. Column 2-7/8" dia. Spindle travel 3-1/8". 16 spindle speeds 200-3,630 rpm. Table work surface 16" x 13", tilt 45° R&L. Tool size 11" x 20-3/8" at base, 39-1/2"H. Tool weight 150 lbs.

Includes drill chuck & key, built-in worklight (40 watt appliance bulb not included), depth stop & manual.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
485760	JDP-15M	115/230	3/4	1	\$621.00



15" 6-Speed Drill Press

J E T Sturdy construction provides a solid base for a wide range of spindle speed drilling.

- Larger quill for greater accuracy
- Large production worktable provides room to work & support for the job
- 3" column for head support, quill is also supported to lessen deflection

Drilling capacity in steel 1/2" dia., in cast iron 5/8" dia. Chuck size 1/2". Taper MT-2. Column 3" dia. Spindle travel 6". 6 spindle speeds 375-5,000 rpm. Table work surface 12-1/2" x 14-1/2". Production table 15-1/4" x 17-3/4". Tool size 8-1/2" x 12" at base. Overall size 30" x 20" x 71"H. Weight 396 lbs.

Includes slotted base & production table, heavy-duty spindle & quill assembly, locking safety collars & key chuck.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
485689	J-A3816	115/230	1	1	\$1,758.00



15" 16-Speed Drill Press

J E T Hinged-metal belt and pulley cover coupled with quick adjustment motor mount allows rapid spindle speed changes. Features rotating, ±45° tilt crank worktable with rear fence mounting grooves.

- Spindle w/adjustable tension return spring is supported by high-quality ball bearings
- External depth stop displays inch/mm
- TEFC motor • On/off switch up front for operator safety
- Mfr.'s limited lifetime warranty

Drilling capacity 5/8" dia. Chuck size 5/8". Taper MT-2/JT-33. Column 2-7/8" dia. Spindle travel 3-1/8". 16 spindle speeds 200-3,630 rpm. Table work surface 16" x 13", tilt 45°. Tool size 11" x 20-3/8" at base. Tool weight 180 lbs.

Includes drill chuck & key, external depth stop, industrial push-button switch, built-in worklight (40 watt appliance bulb not included) & manual.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
485761	JDP-15MF	115/230	3/4	1	\$672.00



15" Variable Speed Drill Press

J E T Hand wheel adjustment sets spindle speeds. Large 2-1/4" quill allows greater accuracy. Accurate depth stop for precise hole depths.

- 3" column dia. for maximum head support
- Full bearing support on quill for maximum spindle stiffness
- 6" stroke for deep hole applications

Drilling capacity in steel 1/2" dia., in cast iron 5/8" dia. Chuck size 1/2". Taper MT-2. Column 3" dia. Spindle travel 6".

Spindle speeds 400-5,000 rpm. Table work surface 12-1/2" x 14-1/2". Tool size 21-1/4" x 14-1/4" at base, 67-1/2" H. Tool weight 436 lbs.

Includes t-slot base, t-slot work table, heavy-duty spindle & quill assembly, safety collar & 1/2" chuck w/arbor, LED display, on/off switch, depth stop, table raiser, speed setting hand wheel & large quill.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
981706	J-A5816	115/230	1	1	\$2,295.00



17" Drill Press

General Intl. Industrial 3/4 HP, 12-speed motor features spindle speeds of 340 to 2,800 rpm. Spindle is supported by high-quality ball bearings and cast iron pulleys reduce vibration. Built-in worklight.

- Rotating, 45° tilting, crank-operated worktable w/quick-release clamp
- Large, front-mounted safety switch w/lock-out
- Adjustable spindle tension-return spring
- Heavy-duty positive depth stop for quick adjustment

Drilling capacity 3/4" dia. Chuck size 5/8". Taper MT-2. Column 3-1/8" dia. Spindle travel 3-1/4". 12 spindle speeds 340-2,800 rpm. Table work surface 12" x 12", tilt 45° R&L. Tool size 11-3/4" x 19-5/8" at base, 64-1/2"H & 200 lbs.

Includes chuck & key, worklight (bulb not included), depth stop & manual.

Stk.	Mfr.	Volts	HP	Phase	Price
420790	75-200RCM1	110	3/4	1	\$867.00



17" 16-Speed Drill Press

J E T From a full 5" of spindle travel to the sturdy cast iron head and poly V-belt drive system, this drill press is designed to perform. Features a built-in LED work light to provide direct lighting while reducing shadows. Large work table provides plenty of support with an edge designed for easy clamping.

- 14" x 19" precision ground work table features twin T-slot grooves & 4 table slots
- One-handed belt tensioning allows for rapid speed changes
- Power switch features a safety key & large, paddle-style off button
- Integrated depth stop makes repetitive drilling easy
- Xacta-X laser system easily identifies drill center
- Replaceable MDF table insert
- Mfr.'s 5-yr. limited warranty

Drilling capacity 5/8" dia. Chuck 5/8". Column 3-5/32" dia. Spindle travel 5". 16 spindle speeds 210-3,500 rpm. Table work surface 14" x 19", tilt 90° R&L. Tool size 20" x 12-5/8" at base. Tool weight 187 lbs.

Stk.	Mfr.	Volts	HP	Phase	Price
486130	JDP-17	115	3/4	1	\$902.00



18" Variable Speed Drill Press

POWERMATIC Twin LED lights won't cast shadows on workpiece and provide a consistent drilling cross point. Mechanical VS allows for full range of speed with no belt changes.

- 6" of quill travel w/one revolution of the handle
- Fence system adjusts for a perfect 90° relationship to the table, for rapid alignment of stock
- Digital RPM readout to optimize spindle speed
- Laser guides provide accurate indication for drill
- Adjustable material stop makes repetitive actions accurate & quick
- Replaceable table insert w/leveling screws make it flush w/table top
- Keyless chuck makes bit changes easier
- Work table can be rotated to a full 90° position
- Reversible handles can be mounted on either side
- Oversize cast iron base for stability
- Safety key prevents accidental starting
- 5-year mfr.'s warranty

Chuck size 5/8". Taper MT-2/JT-3. Column 3-1/8" dia. Spindle travel 6". Variable speed 250-3,000 RPM. Table work surface 20"L x 14"W, tilt 0-90°. Tool size 8"L x 20-1/4"W x 71"H. Tool weight 246 lbs.

Includes drift key, 2 worklights, fence & manual.

Stk.	Mfr.	Volts	HP	Phase	Price
656689	1792800B	115/230	1	1	\$1,588.00



18" Drill Press

DELTA VS push-button drill press motor provides power for demanding drilling operations. Full 6" quill stroke capacity for drilling variety.

- Auto-tensioning belt drive allows fast, easy speed changes while maximizing transmission efficiency w/consistent belt tension & motor alignment
- Large table bevels R&L, tilts forward & features clamping T-slots, plus removable center insert for through drilling
- Micro-adjustable depth stops & independent depth scale allow quick zeroing of the scale & set up for repetitive drilling
- Adjustable twin laser projects red crosshair on workpiece to indicate location of bit contact
- Flexible LED light
- Large base for stability

Chuck size 5/8". Taper MT-2. Column 3.14" dia. Spindle travel 6". 16-speed 170-3,000. Table work surface 20" x 14", w/90° tilt R&L, 0-48° forward. Tool size 20"L x 28"W x 70"H. Tool weight 240 lbs.

Includes light, 5/8" chuck, twin laser, 6 Allen wrenches (2.5, 3, 4, 5, 6 & 8 mm), drift key & manual.

Stk.	Mfr.	Volts	HP	Phase	Price
704900	18-900L	120	3/4	1	\$1,302.00



Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90



20" Drill Press

J E T Hinged-metal belt and pulley cover coupled with quick-adjust motor mount allow rapid spindle speed changes.

- Rotating, 45° tilting, crank-operated worktable w/quick release clamp
- 1/2" dia. external positive depth stop w/3-nut locking feature for quick adjustment
- Adjustable tension spindle return spring
- Ball bearing spindle
- Built-in worklight
- 2-yr. mfr.'s warranty

Hole dia. in steel & cast iron 1". Chuck size 3/4". Taper MT-3. Column 3-3/8" dia. Spindle travel 4-5/8". 12 spindle speeds 150-4,200. Table work surface 18-5/8" x 16-1/8", tilt 45° R&L. Tool size 13-5/8" x 22-3/8" at base, 67"H. Weight 293 lbs.

Includes chuck & key, crank-operated cast iron rotating tilting table, depth stop, worklight (60W bulb not included) & manual.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
486005	JDP-20MF	115/230	1-1/2	1	\$1,215.00



20" Electronic VS Drill Press

J E T The latest AC inverter variable speed technology. Variable spindle speeds with high torque at all speeds both forward and reverse.

- Continuous speed adjustment while in operation
- Front mounted LED spindle rpm readout
- Forward & reverse for tapping
- Emergency stop
- Front mounted positive control depth stop
- Large precision ground T-slot production table
- Massive head provides rigidity & accuracy

Hole dia. in steel 1-3/8", in cast iron 1-1/2". Chuck size 1/2". Taper MT-3. Column 4-1/2" dia. Spindle travel 6". Spindle speeds 65-2,000 rpm. Table work surface 18-1/8" x 14-3/4". Production table 22" x 18-3/4". Tool size 27" x 37" at base, 82-1/4"H. Tool weight 792 lbs.

Includes slotted base & production table, heavy-duty spindle & quill assembly & locking safety collars.

Requires drill chuck & arbor, sold separately.

Stk.	Mfr.	Volts	HP	Phase	Price
981702	J-2232AC	220	2	3	\$5,022.00

Chuck Arbor

486050	DCA-33				\$27.90
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5/8" Drill Chuck

486051	TDC-625				\$59.60
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Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top. Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00

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 Outstanding Customer Service for over 100 years!



22" Drill Press

General Intl. Industrial 12-speed motor features spindle speeds of 120 to 2,270 rpm. Spindle is supported by high-quality ball bearings, and cast iron pulleys reduce vibration.

- Rotating, 45° tilting, crank-operated worktable w/quick-release clamp
 - Large, front-mounted safety switch w/lock-out
 - Adjustable spindle tension-return spring
 - Built-in lamp illuminates the drilling area
 - Heavy-duty positive depth stop for quick adjustment
- Drilling capacity 1-1/4" dia. Chuck size 3/4". Taper MT-4.
Column 3-5/8" dia. Spindle travel 4-1/2". 12 spindle speeds 120-2,270 rpm.
Table work surface 18-1/2" x 16-1/8", tilt 45° R&L.
Tool size 19-1/2" x 22-1/2" at base, 68-3/4"H. Tool weight 372 lbs.

Includes chuck & key, worklight (*bulb not included*), depth stop & manual.

Please specify voltage. 110V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
420800	75-500MI	110/220	1	1	\$1,465.00



Forstner Bits

Steelex Forstner bits make extremely smooth and clean flat-bottom holes in all kinds of wood. Cuts through any grain pattern, even knots. For use with drill presses.

Stk.	Mfr.	Size	Shank	Price
785810	D1001	1/4"	3/8"	\$4.05
785811	D1002	3/8"	3/8"	\$4.19
785812	D1003	1/2"	3/8"	\$5.13
785813	D1004	5/8"	3/8"	\$5.94
785814	D1005	3/4"	3/8"	\$6.65
785815	D1006	7/8"	3/8"	\$7.16

Saw-Toothed

Stk.	Mfr.	Size	Shank	Price
785816	D1007	1"	3/8"	\$7.56
785817	D1008	1-1/8"	3/8"	\$8.51
785818	D1009	1-1/4"	3/8"	\$9.72
785819	D1010	1-3/8"	3/8"	\$11.30
785820	D1011	1-1/2"	3/8"	\$12.10
785825	D1015	2"	3/8"	\$17.10
785830	D1020	2-1/2"	1/2"	\$31.70
785835	D1024	3"	1/2"	\$41.80



25-Piece Sanding Drum Kit

DELTA

Includes case plus

- 2" & 1-1/2" dia. x 1-1/2" & 1", plus 3/4" dia. x 1" sanding drums with 1/4" shank
- 1/2" dia. x 1/2" sanding drum with 1/8" shank
- 2 each 80 grit medium & 120 grit fine aluminum oxide sleeves to fit drums

Stk.	Mfr.	Price
704861	17-940	\$39.60

Please visit
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for the complete specifications
of the products listed on this page.



Mortising Attachment Kit

DELTA Improve accuracy when cutting square holes for various sized mortise & tenon joints. Kit connects to drill in minutes w/out tools. Easy-use hold-down provides better clamping for exacting cuts. Special alignment gauge for fast, accurate set-up, prolonged tool life. Large, cast iron fence assembly supports thick or tall workpiece. 4" capacity under hold-down, 2-3/4" capacity ends of clamp rods to fence.

Fits drill press w/quill dia. of 66 mm, 50.8 mm, 48 mm & 38 mm (*Delta drill press models 11-980, 11-990, 14-070 & 17-900; radial drill press model 11-090 & Sears drill press models 21313, 21315 & 21317*).

Includes mortising attachment, 4 mortising chisels (1/4" x 1/4", 5/16" x 5/16", 3/8" x 3/8", 1/2" x 1/2"), 4 bits & case.

Stk.	Mfr.	Price
704840	17-924	\$156.00

Mortising Chisel & Bit Set

DELTA Production-type steel chisels. Each unit provides 1 mortising chisel & its coordinating bit.

Stk.	Mfr.	Size	Shank	Price
704810	17-001	1/4"	5/8" dia.	\$24.00
704811	17-002	5/16"	5/8" dia.	\$24.00
704812	17-003	3/8"	5/8" dia.	\$24.00
704813	17-004	1/2"	5/8" dia.	\$24.00

4-Piece Set Includes 1/4", 5/16", 3/8" & 1/2".

Stk.	Mfr.	Price
704814	17-005	\$102.00



Drill Press Guard

DELTA Biesemeyer drill press safety shield mounts to any drill press w/a column diameter from 1-1/2" to 3-1/16".

Stk.	Mfr.	Price
704890	17-985	\$50.00



Drill Press Chuck Guards

General Intl. Designed to meet the most stringent safety requirements. Sturdy cast aluminum body & impact resistant windows. Spring loaded flip-up design allows for quick drill bit changes without interference.

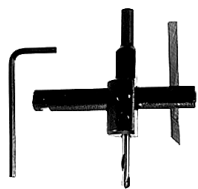
Stk.	Mfr.	Size	Fits	Price
420802	70-152	52mm	34-01, 34-02, 34-10, 34-111, 34-121	\$189.00
420803	70-155	55mm	75-025, 75-030, 75-125, 75-150, 75-160, 75-550	\$189.00
420804	70-165	65mm	75-100, 75-200	\$189.00
420805	70-175	75mm	75-260, 75-500, 75-700	\$189.00



Drill Press Vise Clamps

Steelex Adjusts quickly & easily to lock workpiece in any position. Clamping pad pivots to conform to any workpiece, ensuring uniform pressure.

Stk.	Mfr.	Jaw Capacity	Length	Price
785619	D2192	3" x 3"	10"	\$20.90
785638	D2493	4" x 5"	12"	\$24.20



Circle Cutters

General Replaceable high speed steel blades, maximum safe speed 500 rpm.

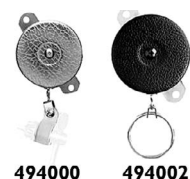
Stk.	Mfr.	Shank	Circles	Price
417000	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	\$16.30
417067	5B	3/8" Rd.	1" to 6"	\$22.60
417469	55	1/2" Rd.	1-3/4" to 8"	\$33.60



Ejecting Drifts

Jacobs Eject Morse tapers from sleeves, sockets & machine spindles. Hardened & tempered.

Stk.	Mfr.	Sleeve Size	Length	Price
219950	30485	1 & 2	5-5/8"	\$14.10
219951	30486	3 & 4	7-1/2"	\$15.80



24" Chrome Bracket Mount Key-Bak®

Key-Bak Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key or tool use at arm's length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Large Swivel Without split ring for larger items.

Stk.	Mfr.	Price
494000	7LSC	\$15.10

Small Swivel 1-1/8" split ring for holding small tools, instruments, etc.

Stk.	Mfr.	Price
494002	7	\$14.10



Morse Taper Drill Sleeves

Production Tool Supply For taper shanks. Case hardened throughout. Ground internally & externally.

Stk.	Mfr.	Hole	Shank	Price
682750	GT51-012	MT-1	MT-2	\$8.78
682752	GT51-013	MT-1	MT-3	\$11.50
682754	GT51-023	MT-2	MT-3	\$11.50



Drill Press Laser Pointer

General Intl. Battery-operated laser pointer equipped with 2 independently adjustable opposing laser line markers. Unit mounts to a variety of bench-top and stationary drill presses

Includes 2-3/4", 2-7/8", 3-1/8" & 3-5/8" mounting collars.

Requires two 1.5V AAA batteries, sold separately.

Stk.	Mfr.	Price
420807	70-300	\$34.40



Magnetic Work Light

DELTA Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (not included).

Stk.	Mfr.	Price
724371	25-870	\$45.60



LED Work Light

General Intl. Magnetic base sticks to any steel surface. 150 lumen LED light w/10" gooseneck. 10 oz. **Includes** 3AA batteries.

Stk.	Mfr.	Price
420838	99-250	\$78.40



Quick Release Vise

Shop Fox Simple push rod and cam lever action securely locks and holds workpiece in place for tremendous holding power. Low profiles reduce lost drilling capacity and clamping ears make set-up fast and easy. Heavy cast iron construction.

Stk.	Mfr.	Jaw Capacity	Price
785705	D3265	3-5/8"	\$63.00



Drill Press Vise

DELTA 4" Quick-Release vise provides safe, accurate drilling. Cast iron construction. Quick-release trigger allows instant release of workpiece. Built-in groove holds dowels & other round materials. Thru-holes for mounting auxiliary fence to protect workpiece.

Fits Delta models 11-090, 11-950, 11-980, 11-990, 14-070 & 17-900.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
705706	20-622	4"	4"	3/4"	\$36.30



Angle Vise

Shop Fox Angle vise offers 90° adjustment from horizontal to vertical with easy-read scale & indexing pin set for every 15°. Dovetailed trunnions w/lock handle ensure stability. Precision-cut Acme threads & polished guide rod ensure accuracy.

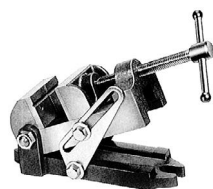
Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
785658	D2933	4-1/8"	3-3/4"	2-3/4"	\$79.80



Continuous Nut Drill Press Vises

Wilton Made from high-grade cast iron. Ground vise bed for smooth, consistent jaw movement. Hardened top V-groove jaws. Rugged design & large workload capacity.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
979500	1335	3"	2-3/4"	1-7/8"	\$106.00
979502	1360	5"	5"	2-1/8"	\$210.00



Drill Press Vises

Wilton Precision grinding of sides & front side face permit additional mounting positions for drilling, tapping or reaming. Combines smooth movable jaw plate w/cross-patterned 90° V-groove stationary jaw. Great for general use.

Angle Vise

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
979090	25A	2-1/2"	2-1/2"	1-1/2"	\$105.00
979100	30A	3-1/8"	3-1/8"	1-3/4"	\$144.00

Standard Vise

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
979089	25	2-1/2"	2-9/16"	1-1/2"	\$96.20
979099	30	3"	3-1/8"	1-3/4"	\$113.00

HOLLOW CHISEL MORTISERS



Bench Top Mortise Machine

J E T 1/2 HP, TEFC motor delivers solid performance and trouble-free operation. Heavy-duty cast iron and steel construction will provide years of durability and stability. Rack-and-pinion head raising and lowering allows for positive drilling control- long, multi-position splines allow for repositioning of feed handle and ease of operation.

- 3-jaw drill chuck w/extended chuck key for ease of positive grip on bit

- Removable safety toggle switch prevents accidental turn-on
- 2-hinged side doors for drill chuck access
- 2-yr. mfr.'s warranty

Chuck size 3/8". Chisel stroke 4-3/4". Chisel to fence 3-1/2".

Under hold-down 4". Fence size 1-9/16" x 12-1/2".

Tool size 7-5/8"L x 12-3/16"W. Tool weight 44 lbs.

Stk.	Mfr.	Volts	HP	Phase	Spindle Speed (rpm)	Price
485818	JBM-5	115	1/2	1	1,725	\$450.00



1/2 HP Mortiser

DELTA 1/2 HP, 1 phase, induction motor. Large cast iron base with center through hole. Adjustable rack-and-pinion fence and rack with hold-down and pinion head raising and lowering.

- Adjustable dovetail way on mortising head
- Gas-filled head stabilizer
- Mortising head column can be turned 180° & re-mounted for off-table mortising

- Chuck key/hex wrench for bit & chisel changing
- Easy, open access to drill chuck for bit changing
- Height attachment adds 1-3/4" capacity to head
- Multi-position feed lever
- Adj. depth stop

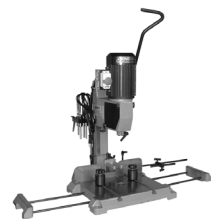
Chuck size 3/8". Chisel stroke 5". Chisel to fence 3-3/4".

Under hold-down 3-3/4". Table work surface 13-1/2"L x 16-1/4"W.

Fence 2-15/16" x 13-5/8". Tool 13-1/2"L x 16-1/4"W x 30"H. Weight 55 lbs.

Includes chuck & key, 4 mortising chisels & bits (1/4" x 1/4", 5/16" x 5/16", 3/8" x 3/8", 1/2" x 1/2"), tool & chisel holder, riser block & manual.

Stk.	Mfr.	Volts	HP	Phase	Spindle Speed (rpm)	Price
699620	14-651	120	1/2	1	1,725	\$419.00



Hollow Chisel Mortiser

General Intl. 1,720 rpm, 1/2 HP TEFC motor with start capacitor for smooth start-up and longer life. Heavy-duty cast iron head, column and base built for steady, vibration-free performance.

- Head slides on precision, cast iron dovetail ways
- Gas head cylinder controls stroke
- Easy-adjust dual-depth stop controls up/down stroke

- Large feed handle (left or right mount feed handle) w/multi-position arm increases leverage & control
- Non-marking rubber table rollers hold workpiece firmly to fence
- Dust-protected on/off switch
- 1/4" to 5/8" chisel capacity

Chuck size 1/2". Chisel stroke 5". Chisel to fence 4".

Table size 14-1/4" x 11-1/8" w/ extensions 35".

Fence size 2-15/16" x 113-15/16". Overall height 24-3/8". Weight 99 lbs.

Includes mortising chisel & bit set (70-910), tool holder.

Stk.	Mfr.	Volts	HP	Phase	Spindle Speed (rpm)	Price
420781	75-040M1	110	1/2	1	1,720	\$777.00



3/4 HP Mortiser

POWERMATIC Mortiser features an in-line depth stop to allow stops at pre-set depths without racking the bit to the base. Heavy-duty handle can be moved from 1 side to the other without special tools. Rack-&-pinion system fence adjustments.

- 5" double-locking stock hold-down eliminates slippage when removing chisel from workpiece
- Fence's quick-action cam lock for easy positioning
- Hinged chuck door w/magnetic catch for easy access to drill chuck w/key
- 5-yr. mfr.'s warranty

Chuck size 1/2". Chisel stroke 5-1/2". Chisel to fence 4-3/8".

Under hold-down 4". Table work surface 16-5/16" x 13-3/4".

Fence 2-5/8" x 12-1/2". Tool 13-3/4"L x 16-5/16"W x 27"H. Weight 93 lbs.

Includes 3/4" chisel bushing, hold-down, chuck extension adapter, chuck w/key & handle.

Stk.	Mfr.	Volts	HP	Phase	Spindle Speed (rpm)	Price
656672	1791310	115	3/4	1	1,725	\$598.00



1 HP Hollow Chisel Mortiser

POWERMATIC Heavy-duty cast iron construction and powerful 1 HP motor for demanding jobs. The head is mounted using adjustable gibs for years of trouble-free service.

- Heavy rack-&-pinion gear system w/spring loaded 6-position adjustable handle
- Depth & length stops provide uniform finish
- Large work support table adjusts from 0° to 35° R&L, front to back

- Adjustable linear stops & flip down stop provide precision repeatability
- Quick adjust clamp secures workpiece & will swivel for angled pieces
- Heavy enclosed stand w/storage shelf

Chuck size 1/2". Chisel size 1/4" to 3/4". Chisel shank size 5/8", 3/4", 1-1/8".

Chisel stroke 6". Chisel to fence 4". Table size 10" x 20".

Table movement: longways 15-1/2", crossways 4".

Base 14" x 16". Tool size 21-1/4"L x 21-5/8"W x 61"H.

Tool weight 277 lbs. (shipping).

Includes work stop, depth & length stops, drill bit adapter, quick release vise, chuck extension adapter, chuck key, wood table & enclosed stand.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Spindle Speed (rpm)	Price
656636	1791264K	115/230	1	1	1,725	\$1,500.00

Premium Mortise Chisel & Bit **POWERMATIC**

Stk.	Mfr.	Size	Shank	Price
656560	1791091	1/4"	5/8" x 1-1/4"	\$51.00
656561	1791092	5/16"	5/8" x 1-1/4"	\$52.70
656562	1791093	3/8"	5/8" x 1-1/4"	\$56.10
656563	1791094	1/2"	5/8" x 1-1/4"	\$69.70
656564	1791095	3/4"	5/8" x 1-1/4"	\$109.00

4-Piece Set Includes 1/4" to 1/2".

Stk.	Mfr.	Size	Shank	Price
656565	1791096			\$228.00

1/2" Chuck & Key **POWERMATIC**

Stk.	Mfr.	Price
676790	6294245	\$72.70

BAND SAWS



6" Wood-cutting Micro-Band Saw

Proxxon High performance small blade cuts very small radii, and is very unlikely to break - even with prolonged use. Alternately set, individually sharpened N-form teeth provide oscillation-free clean cuts requiring little to no hand finishing. Solid ribbed die-cast aluminum housing with sturdy machined table & miter gauge slot.

- Table tilts for miter cut accuracy
- Electronically-controlled speeds allow accurate cuts w/out finishing
- Low noise, high-quality motor w/toothed belt for quiet & long use
- On-tool informational table w/recommended cutting speeds in all materials

Blade size 42"L x 13/64" x 1/64". Capacity 5-29/32"W x 2-5/32"H.
Table 7-7/8" x 8-11/16", tilt 0-45°.

Tool size 14"L x 10"W x 21"H. Tool weight 16 lbs.

Includes 14 TPI blade, miter gauge slot, dust port adapter.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
303006	37172	120	1/8	1	395/820	\$474.00

Micro Band Saw Blades Proxxon Swedish steel blade is extremely efficient and very unlikely to break, even with prolonged use. Alternatively set, individually sharpened N-form teeth provide oscillation-free operation. Straight, clean cuts without subsequent finishing. Use for wood, plastics and non-ferrous metals. Fits Proxxon Micro Band Saw.

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
303007	28174	13/64"	3' 6" (42")	1/64"	24	\$23.90
303008	28176	13/64"	3' 6" (42")	1/64"	14	\$23.90



9" Band Saw w/Light

SKIL The laser cutline guide, LED worklight and EZ view blade tracking help you make accurate, precise cuts.

- Dust port
- Rack & pinion table adjustment for quick angle & height adjustments
- Bump-off switch for added safety
- Mfr.'s 3-yr. limited warranty

Blade size 59-1/2"L x 1/8" to 3/8"W. Tool weight 31.3 lbs.

Includes 6 TPI blade, miter gauge & rip fence.

Stk.	Mfr.	Volts	Phase	Price
260290	3386-01	120	1	\$185.00



10" Bench Band Saw

Rikon

- 4-5/8" re-saw capacity
- Edge facing thrust bearings
- Large cast iron table
- Balanced cast aluminum wheels
- Precision guide bearings
- 2-1/2" dust port
- 3/8" x 5/8" miter gauge slot

- Safety on/off switch
- Mfr.'s 5-yr. warranty

Blade 70-1/2"L x 1/8"- 1/2"W. Capacity 9-5/8"W x 4-5/8"H.

Table 13-3/4"W x 12-1/2"D x 14-1/2"H, tilt 0-45°R.

Tool size 21"W x 15-1/4"D x 33-1/4"H. Tool weight 68 lbs.

Includes 2"H fence.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
694120	10-305	110	1/3	1	2,780	\$357.00



10" Wood-cutting Bench Band Saw

JET 1/2 HP induction motor for various cutting applications. Quick release blade tension, upper and lower ball bearing blade guides and adjustable LED worklight.

- Steel stand transitions from bench to floor
- Reinforced steel base bolts to stand or bench
- Poly-V drive system maximizes power transfer from motor to blade & reduces vibration

- Extra-large, tilting cast iron table w/retractable extension wing
- Magnifying cursor on measurement scale
- Rack & pinion blade guide w/locking knob
- Sturdy, 1-piece welded frame
- Blade sight window to view blade tracking
- Oversized, ergo knobs
- Aluminum extruded fence
- 3-yr. mfr.'s warranty

Blade size 67-1/2"L x 1/2" to 1/8"W. Capacity 9-5/8"W x 4-1/8"H.

Table 13-3/8" (19" w/ extension) x 13-1/8". Head tilt 0-45°L.

Tool size 34.6"L x 17.7"W x 14.6"H. Tool weight 70.4 lbs.

Includes miter gauge, stand & hardware w/bag.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
486111	JWBS-10OS	115	1/2	1	2,750	\$462.00



14" Wood-cutting Band Saws

JET Graphite-impregnated polymer blade guide Blocks® provide quicker set-up and cooler running blade. Upper blade guide micro-adjustments reduces friction.

- Quick-connect motor-to-switch plug for easy set-up
- V-groove blade guide bar for consistent & positive alignment
- Extra-large cast iron worktable is offset for more work area in front of the blade

485738

485737

- 2" built-in dust chute connection
- All motors TEFC for long life
- Push-button controls

Blade size 93-1/2"L x 1/8" to 3/4"W. Capacity 13-1/2"W x 6"H.

Includes upper blade guide, blade guide bar, Jet Blocks® in blade guides, table, 3/4"W woodworking blade (6 TPI) & dust port.

Please specify voltage. 115V will be shipped unless specified.

Enclosed Stand Welded, rigid 1-piece unit. Table height 43-1/2".

Tool size 26"W x 19"D x 68"H. Tool weight 185 lbs.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
485737	JWBS-14CS	115/230	1	1	3,000	\$914.00

Open Stand Wide stance 16 ga. steel stand. Table height 44".

Tool size 34"W x 20"D x 68"H. Tool weight 172 lbs.

485738	JWBS-14OS	115/230	3/4	1	3,000	\$830.00
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Rip Fence Assembly

485755	JRF-14R					\$165.00
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Miter Gauge Assembly

485735	JMG-14					\$74.10
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Standard Universal Mobile Base 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

486113	JMB-UMB					\$114.00
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14" Band Saw

Laguna Features pyramid shaped spine, 1-3/4 HP TEFC motor, quick release tension, 115V outlet and micro polished 21" x 16" table mounted onto oversized trunnion paired with aluminum hi/low fence. Solid cast wheels are fitted with polyurethane 1-piece tires designed to run cooler & last longer than conventional tires.

- Hand wheel conveniently mounted under upper cabinet
- Innovative table insert forces dust into 4" dust port
- Ultra smooth worm gear-driven rack & pinion
- Minimum flex in guide post even when fully extended
- Flat poly-groove drive belt
- Massive adjustable lower wheel shaft
- Dual windows display tracking & tension information

Blade size 115" x 1/8" to 3/4"W. Capacity 13-5/8"W x 12"H. Table size 21-1/2" x 16" x 38"H. Tool size 70-1/4"H. Tool weight 258 lbs.

Includes fence.

Stk.	Mfr.	Volts	HP	Phase	Price
502090	MBAND1412-175	115	1-3/4	1	\$1,196.00

Pro Light Laguna 50W halogen worklight designed for use with the Laguna Band Saw Mfr. 1412. Fully adjustable, floods table with bright, low-glare light. Independent on/off, operates without saw being turned on.

Stk.	Mfr.	Price
502091	MBA14/12	\$122.00



14" Wood/Metal-cutting Band Saws

JET Variable speed drive system offers 1,725 rpm to effectively cut wood, plastic, bakelite, composites, ferrous and nonferrous metals.

- Performs straight & contour cuts, plus resawing
- Solid, stable 1-piece steel base
- Conveniently located on/off switch

Blade size 92-1/2"L x 3/8"W.
Blade speed: metal 39, 57, 78, 107, 142, 196 & 278,
wood 3,300. fpm

Capacity 13-1/2"W x 6"H. Table 15-1/8" x 15-3/8", tilt 45°R & 10°L. Tool size 16"L x 20"W x 68"H. Tool weight 280 lbs.

Includes miter gauge, dust port, blade & table.

Power cord & plug supplied w/1 phase only.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
961513	J-8201K	115	1	1	39-3,300	\$1,680.00
961514	J-8203K	220/440	1	3	39-3,300	\$1,680.00

961514|Please specify voltage. 220V will be sent if not specified.



“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com

Midwest Technology



14" Steel Frame Band Saw

DELTA Heavy-duty steel frame reduces flexing and heavy duty trunnion table support for durability.

- Durable aluminum, rubber-coated upper & lower wheels are balanced for superior blade tracking
- 2-speed pulley w/easy tensioning system
- Oversized cast iron table w/t-slot miter capability
- Large insert for visibility when setting lower guide
- Dust brush on lower wheel keeps blade clean
- Conveniently located on/off switch w/lock-off key
- Poly V-belt drive for consistent power transfer
- Smooth ball bearing upper & lower guides secure blade & ensure superior blade accuracy & performance
- Knob design on upper & lower doors helps prevent injury
- 4" dust port
- 5-yr. mfr.'s warranty

Blade size 93-1/2"L x 1/8"-3/4"W. Capacity 13-5/8"W x 6"H. Table 15-3/4" x 18-7/8" x 40-3/4"H, tilt 45°R & 3°L. Tool size 19"L x 27"W x 65-1/2"H. Tool weight 165 lbs.

Includes 4" dust port, steel stand & wood-cutting blade.

Please specify voltage. 115V will be shipped unless specified.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
725578	28-400	115/230	1	1	1,620/3,340	\$783.00

14" Wood-cutting Band Saw

General Intl. 1 HP motor offers 2 cutting speeds for excellent results in hard and soft wood. Deluxe 2-position extruded-aluminum rip fence is ideal for ripping thin stock and resawing taller workpieces.

- Cast iron frame & precision-balanced aluminum wheels w/replaceable rubber tires
- 1-piece, welded enclosed stand
- Precision metal miter gauge w/handle
- Hinged door gives access to blade tensioning knob for fast blade changes or adjustments
- Quick-release blade tension lever
- Deluxe blade guide bearings
- 2-1/2" dust port
- Quick-connect motor-to-switch for easy set-up

Blade size 93-1/2"L x 3/4"W. Capacity 13-1/2"W x 6"H. Table 16" x 16" x 42-3/4"H, tilt 45°R & 10°L. Tool size 15-3/4"L x 18-5/8"W x 68"H. Tool weight 224 lbs.

Includes enclosed stand, 3/8" band saw blade, precision miter gauge, blade guide bearings, 2-position rip fence, cast iron table, dust port, manual.

Please specify voltage. 120V will be shipped unless specified.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
420830	90-125M1	120/240	1	1	1,800/3,000	\$1,465.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.



14" 1-1/2 HP Wood-cutting Band Saw

POWERMATIC Poly V-belt reduces noise and vibration. Built-in chip blower removes dust and chips while cutting. Extra large cast iron table with T-slot miter gauge for more work area in front of table.

- Quick-release precision T-square rip fence
- 9-spoke cast iron wheels are balanced & equipped w/ PU tires
- Direct-reading scale for exact tensioning for various blade widths

- Easy-to-use quick-change blade

Blade size 93-1/2" L x 3/4" W. Capacity 13-1/2" W x 6" H.

Table 15" x 15" x 44" H, tilt 45° R & 10° L. Extension table 15" L x 5" W.

Tool size 20" L x 34" W x 68" H. Tool weight 266 lbs.

Includes adjustable miter gauge, precision T-style rip fence, 1/8" band saw blade, large cast iron table, quick-change blade system, dual micro-adjustable bearing blade guides, 60 watt halogen work lamp, 4" dust port, push-button on/off switch.

Please specify voltage. 115V will be shipped unless specified.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
656604	1791216K	115/230	1-1/2	1	3,000	\$1,426.00



15" Band Saw

POWERMATIC Packs many features traditionally found on larger band saws and brings them to a new, category-redefining, 15" size.

- 14-1/2" throat & 14" of resaw provide more capacity than a 14" band saw
- Sturdy cast iron table & trunnion assembly offers maximum rigidity for heavy work pieces
- T-square style Accu-Fence maximizes accuracy & safety w/adjustability for aligning to blade & squaring to table

- Positive locking cam w/pressure adjustment
- Oversized side plate can be used in horizontal or vertical position
- Solid steel resaw pin for optimum rigidity
- Blade tension release w/electrical interlock prevents band saw from starting when blade is de-tensioned or released
- Heavy duty upper wheel support & tracking mechanism for smooth operation
- Solid cast iron upper & lower wheels create momentum needed for heavy resaw
- High end blade guides w/tool-less adjustment provide stability
- 4-sided blade guard for optimum protection
- Integrated foot brake stops coasting blade
- 4" dia. dust port
- Magnetic switch protects motor
- 5-year mfr.'s warranty

Blade size 153" L x 1/8" to 1" W. Capacity 14" W.

Table size 21-1/2" L x 16" W x 40" H, tilt 45° R & 10° L.

Includes fence assembly w/aluminum fence plate, miter gauge, resaw pin & handle.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
656674	1791500	230	3	1	3,100	\$3,289.00



16" Wood-cutting Band Saw

J E T 10" depth resaw capacity for cutting large pieces of wood, slicing veneers and cutting book-matched panels. European-style blade guides keep blade aligned for accurate cuts.

- Rack-&-pinion blade guide height adjustment for accurate incremental fine tuning
- Direct-reading scale selects blade tension for widths up to 1-1/4"
- Large cast iron table
- Precision-computer balanced wheels eliminate vibration for accurate blade tracking
- Dual locking cabinet doors allow access to blade
- 4" dia. dust port
- 5-yr. mfr.'s warranty

Blade size 123" L x 1/8" to 1-1/4" W. Capacity 16-3/8" W x 10" H.

Table 17" x 17" x 37-1/2" H, tilt 45° R & 10° L.

Positive fence stops 90° & 45° R. Tool size 22" L x 30-3/4" W x 71" H.

Tool weight 310 lbs.

Includes universal blade, 2 knobs, hex wrench, handle, 10/12mm wrench, blade guide & height adjustment, blade tensioning scale, dual tapered support column, cast iron feet & 4" dust port.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
485846	JWBS-16B	115/230	1-1/2	1	3,000	\$1,740.00



17" Wood-cutting Band Saw

General Intl. 2 HP motor offers 2 cutting speeds for excellent results in hard and soft woods. Precision-machined, dynamically-balanced, rubber laminated, cast iron wheels for smooth, vibration-free operation.

- Solid, high-quality, precision-machined, ribbed cast iron tilting table
- Removable aluminum height measuring scale
- Easy turning blade tension wheel w/blade tracking window
- Wide blade selection (1/8" to 1")
- Quick-release blade tension lever
- Heavy-duty table support
- Aluminum rip fence w/easy-read magnifying scale
- Deluxe blade guide bearings
- Laser line marker
- Two 4" dust ports

Blade size 131-5/8" L x 1/8" to 1" W. Capacity 16" W x 11" H.

Table 17" x 23-1/2" x 37-3/8" H, tilt 45° R & 10° L.

Tool size 18" L x 27" W x 73-1/2" H. Tool weight 407 lbs.

Includes band saw blade, precision miter gauge, height measuring scale, laser line marker, rip fence w/magnifying scale, blade guide bearings, cast iron table, 2 dust ports & manual.

Please specify voltage. 110V will be shipped unless specified.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
420832	90-240M1	110/220	2	1	1,560/3,190	\$2,713.00

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18" Band Saw

J E T Dual-tapered, 1-piece steel support column provides excellent rigidity. 12-1/4" resaw capacity for cutting large pieces of wood, slicing veneers and cutting book matched panels.

- Precision computer-balanced wheels eliminate vibration for accurate blade tracking
- Quick-release blade tensioning w/3 settings
- Upper & lower ball bearing, micro-adjustable blade guides support cuts of various sized wood

- 8-spoke band wheels computer balanced to spin true w/out vibration
- Dual locking cabinet doors allow blade access
- Tool-free, independently adjustable ball bearing guide system
- Rigid, heavy-duty guide post w/rack & pinion adjustment
- Cast iron handwheels make smooth, easy blade adjustments
- Blade tracking window & light-colored tire provide clear view of blade
- Blade tension scale allows precise blade tensioning
- I-knob tracking adjustment simplifies the blade tracking process
- Precision-ground cast iron table
 - 5-yr. mfr.'s warranty

Blade size 137"L x 1/8" to 1-1/2"W. Capacity 18-3/8"W x 12-1/4"H.

Table 19" x 19" x 37-1/2"H, tilt 45°R & 10°L.

Positive fence stops 90° & 45°R. Tool size 22"L x 33"W x 71"H.

Tool weight 410 lbs. (JWBS-18QT), 420 lbs. (JWBS-18QT-3).

Includes miter gauge, large cast iron tilting table, adjustable ball bearing blade guides, blade tracking adjustment window, blade tensioning scale, 4" dust port, quick-release precision T-style rip fence w/resaw post & 3/4"W blade (4 tpi).

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
486114	JWBS-18QT	115/230	1-3/4	1	3,000	\$2,024.00
486115	JWBS-18QT-3	230	3	1	3,000	\$2,198.00

486114|Please specify voltage. 115V will be shipped if not specified.



18" Band Saws

POWERMATIC Heavy-duty 5 HP motor provides power for all projects. Sturdy cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Convenient foot brake makes it possible for rapid stops.

- T-Square style AccuFence® maximizes accuracy & safety
- Accu-Fence has complete adjustability for aligning to blade & squaring to table
- Positive locking cam w/pressure adjustment

- Oversized side plate can be used in horizontal or vertical position
- Solid steel resaw post for optimum rigidity
- Blade tension release w/electrical interlock prevents band saw from starting when blade is de-tensioned
- Heavy-duty upper wheel support & tracking mechanism for smooth operation
- Solid cast iron upper & lower wheels create momentum needed for heavy resawing
- High-end blade guides w/toolless adjustment provide stability, increasing cut accuracy
 - 4-sided blade guard for optimum protection
- Magnetic switch protects motor from harm due to potential electrical supply issues
 - Mfr.'s 5-yr. warranty

Blade size 160"L x 1/8" to 1-1/2"W. Capacity 18"W x 18"H.

Table 24"L x 27"W x 38"H, tilt 45°R & 10°L.

Tool size 39-1/2"W x 42"D x 81-1/2"H. Tool weight 840 lbs.

Includes AccuFence®, miter gauge & 3/4" blade.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
656690	1791800B	230	5	1	2,300/4,400	\$5,670.00
656691	1791801B	230/460	5	3	2,300/4,400	\$5,670.00

656691|460V requires magnetic switch, sold separately.



20" Band Saws

J E T 12-1/4" resaw capacity for cutting large pieces of wood, slicing veneers and cutting book-matched panels. Precision-ground cast iron table adds stability and work support. Precision computer-balanced wheels eliminate vibration for accurate blade tracking.

- Upper & lower ball bearing, micro-adjustable blade guides for proper support during the cut of different size boards

- Tool-free, independently adjustable ball bearing guide system for quick, easy adjustments
- 8-spoke band wheels computer balanced to spin true w/out vibration
- Cast iron handwheels make smooth and easy blade adjustments
- Dual-tapered, 1-piece steel support column
- Dual-locking cabinet doors allow easy blade access
- I-knob blade tracking adjustment simplifies the process
- Quick-release, precision T-square style rip fence w/resaw post
- Rigid, heavy-duty guide post w/rack & pinion adjustment for blade support
- 5-yr. mfr.'s warranty
- Extra-large, stable cast trunnion
 - Precision blade tension scale
- 2-speed poly V-belt drive
 - Foot brake for rapid stops

Blade size 150"L x 1/8" to 1-1/2"W. Capacity 20"W x 12-1/4"H.

Table 21" x 21" x 36-1/8"H, tilt 45°R & 10°L.

Tool size 22"L x 30-3/4"W x 75"H. Tool weight 550 lbs.

Includes miter gauge, large cast iron tilting table, adjustable roller bearing blade guides, blade tensioning scale, 4" dust port, quick-release precision T-style rip fence w/resaw post & 3/4"W saw blade (4 tpi).

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
486116	JWBS-20QT-3	230	3	1	2,000/3,000	\$3,297.00
486117	JWBS-20QT-5	230	5	1	2,000/3,000	\$3,587.00



20" Wood-cutting Band Saws

POWERMATIC Heavy-duty 5 HP motor provides power needed for all projects. Cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Exclusive T-square style Accu-Fence® maximizes accuracy and safety, plus offers complete adjustability for aligning to blade and squaring to table

- Positive locking cam w/pressure adjustment
- Oversized side plate can be used in horizontal or vertical position

- Solid steel resaw post for optimum rigidity
- Blade tension release w/electrical interlock prevents band saw from starting when blade is de-tensioned
- Heavy-duty upper wheel support & tracking mechanism for smooth operation
- Solid cast iron upper & lower wheels create momentum needed for heavy resawing
- High-end blade guides w/toolless adjustment provide stability, increasing cut accuracy
 - 4-sided blade guard for optimum protection
- Magnetic switch protects motor from harm due to potential electrical supply issues
 - Integrated foot brake stops coasting blade
- Mfr.'s 5-yr. warranty

Blade size 170"L x 1/4" to 1-1/2"W. Capacity 20"W x 18"H.

Table 24"L x 27"W x 36"H, tilt 45°R & 10°L.

Tool size 41-1/2"W x 42"D x 81-1/2"H. Weight 860 lbs.

Includes AccuFence, miter gauge, 4" dust port & 3/4" blade.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
656692	1791257B	230	5	1	2,300/4,400	\$6,006.00
656693	1791258B	230/460	5	1	2,300/4,400	\$6,006.00

656693|460V requires magnetic switch, sold separately.



22" Deluxe Heavy-duty Wood-cutting Band Saw

General Intl. Heavy-duty, 1-piece steel frame designed for added stability. Powerful, 5 amp TEFC industrial motor. Upper and lower dual Bakelite™ block and 7-bearing, deluxe blade guide system offers 10 points of contact.

- Laser-line marker
- Dynamically-balanced cast-iron wheels w/replaceable rubber tires, mounted on heavy-duty bearings
- Solid ribbed cast-iron table w/heavy-duty, 1-piece trunnion & 0-45° right tilt for bevel cuts
- Blade tension adjustment handwheel w/tension scale
- Safety foot brake slows blade down & disconnects electrical circuit
- Cast-iron miter gauge & dual miter slots in table for stable cross cuts on either side of the blade
- Excalibur band saw rip fence system w/curved guide block & 6" wooden resaw auxiliary fence
- Short cut-off feed device keeps fingers away from the blade

Blade size 171-1/4"L x 1/4" to 1-1/4"W. Capacity 21-5/8"W x 16-5/16"H. Table 30" x 22-3/4" x 35-1/4"H, tilt 45°R.

Tool size 19-5/8"L x 38-1/2"W at base. Tool weight 825 lbs.

Includes 3/4" blade, cast iron tilting table, block & deluxe blade guide system, miter gauge & Excalibur rip fence w/curved guide block & on-board storage, resaw auxiliary fence, magnetic safety switch w/lock-out switch key, laser-line marker & two 4" dust ports.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
420837	90-380MI	220	5	1	4,590	\$5,887.00



24" Wood-cutting Band Saws

POWERMATIC Heavy-duty 5 HP motor provides power needed for all projects. Sturdy cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Convenient foot brake makes it possible for rapid stops.

- Positive locking cam w/pressure adjustment
- Solid steel resaw post for optimum rigidity
- 4-sided blade guard for optimum protection
- T-Square style AccuFence® maximizes accuracy & safety
- Accu-Fence has complete adjustability for aligning to blade & squaring to table
- Oversized side plate can be used in horizontal or vertical position
- Blade tension release w/electrical interlock prevents band saw from starting when blade is de-tensioned
- Heavy-duty upper wheel support & tracking mechanism for smooth operation
- Solid cast iron upper & lower wheels create momentum needed for heavy resawing
- High-end blade guides w/toolless adjustment provide stability, increasing cut accuracy
- Magnetic switch protects motor from harm due to potential electrical supply issues
 - Mfr.'s 5-yr. warranty

Blade size 183"L x 1/4" to 1-1/2"W. Capacity 24"W x 15"H.

Table 24"L x 34"W x 35"H, tilt 45°R & 10°L.

Tool size 44"W x 42"D x 81-1/2"H. Tool weight 974 lbs.

Includes AccuFence®, miter gauge & 1" blade.

Stk.	Mfr.	Volts	HP	Phase	Speed (fpm)	Price
656694	1791259B	230	5	1	2,500/4,800	\$6,552.00
656695	1791260B	230/460	5	3	2,500/4,800	\$6,552.00

656695|460V requires magnetic switch, sold separately.



Micro-Precision Guide

Carter Provides precise control of the band saw blade using Teflon® side support blocks. Hardened sintered steel blocks are vacuum impregnated w/ Teflon material for reduced friction & cooler running blades. Teflon acts as a dry-film lubricant to reduce wear & increase life. Back support is provided by double-sealed ball bearing encased in a precision-ground hardened steel wear ring. Features vernier adjustment of the side blocks & complete flexibility of configuration. Guide may be set up on the right- or left-hand for convenient control location.

Blade sizes 1/8" to 3/4". Blade speed to 5,000 fpm on 14" to 20" dia. machines. Overall size 3"W x 1-7/8"D x 2-1/4"H. Arbor 7/16" dia.

Stk.	Mfr.	Price
291740	CP30A	\$120.00

Guide Conversion Kits

Carter Ball bearing guides w/custom mounting brackets specially designed for 14" band saws. Complete, bolt-on packages easily upgrade saw's performance to all-ball bearing.

Includes upper & lower assemblies, upper & lower mounting studs, upper & lower mounting adapter blocks & all hardware.

Stk.	Mfr.	Item	Price
291742	DEL14	For Delta	\$222.00
291744	JET14	For Jet	\$222.00
291755	UNVI	For Powermatic PWB5-14CS	\$222.00

Rubber Band Saw Tires

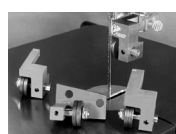
Carter Adhesive attachment type tires made of 100% natural rubber, each tire is 15% to 20% undersized to ensure perfect fit.

Stk.	Mfr.	Size	Price
291730	TP-14	14"	\$33.60
291733	TP-20	20"	\$46.40

Tire Adhesive

Carter Rubber & gasket adhesive.

Stk.	Mfr.	Size	Price
291720	4799	5 oz. tube	\$32.00



Band Saw Stabilizer

Carter Revolutionary stabilizer provides support for blades up to 1/4"W on a wide variety of band saws. Rugged, compact unit easily installs in place of current upper guide side support blocks to offer the benefits of ball-bearing support for more consistent cutting w/ cooler blades. Special grooved support bearing gives full support to blade's rear edge, preventing it from moving backwards or sideways. The blade's front edge is free to flex into the cut. For 14" Delta & Jet band saws.

Please specify Delta or Jet.

Stk.	Mfr.	Price
291750	STD1	\$99.20



Quick Release™

Carter Instantly relieve tension to prevent damage to the tire & prolong blade & saw life. Pre-tensions blade slightly during blade change for easier adjustment. Durable solid steel construction gives 3-position control (*full release, partial tension for blade position adjustment & full tension*). Allows fine tuning of blade tension. Installs quickly w/included hardware & manual. For 14" Delta & Jet band saws. **Please specify Delta or Jet.**

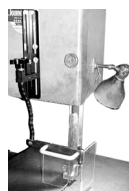
Stk.	Mfr.	Price
291745	QRI	\$198.00

Band Saw Table Insert**DELTA** Aluminum insert.

Stk.	Mfr.	Price
766940	426-02-063-0001S	\$34.40

Band Saw Tires**DELTA**

Stk.	Mfr.	Item	Price
766952	905145	14"	\$36.10
767072	426-04-094-5002	20" Snap-Lok	\$248.00

**Visorguard™ Blade Guard**

Flexbar Provides complete protection between cutting blade & operator's hands & eyes. Easy-position handle. Adjustable tension 9"L flexbar arm permits correct setting of guard for each set-up. Drill & tap 2 holes to install. L-shaped Lexan shield is 6"H x 6"W x 4"D & fits most band saws with 18" maximum throat height. Includes vertical angle mounting bracket w/11" of height adjustment, mounting screws w/self-locking nuts.

Stk.	Mfr.	Price
408710	13464	\$210.00

**Brett-Guard® Band Saw Guards**

HTC Products Adds safety & visibility with a built-in light to illuminate cut line & work area. Guard mounts at an angle to prevent interference with saw guide components & adjusts according to depth of cut. Clear plexi-shield can also be adjusted independently.

Stk.	Mfr.	Item	Price
476491	A-100-16	14"-16" Band Saws	\$174.00
476492	B-200-29	18"-20" Band Saws	\$174.00

**Precision Band Saw Fence**

Kreg 26"L pre-drilled mounting rail fits most 14" band saws. Easily removed 18"L aircraft-grade aluminum fence. Precision lens cursor for precise cuts. Blade drift w/2 simple adjustments. Anodized finish.

Stk.	Mfr.	Price
793873	KMS7200	\$141.00

Precision Micro-Adjuster Thumb wheel dials precise adjustments (to .005") on Kreg's Precision Band Saw Fence.

Stk.	Mfr.	Price
793893	KMS7215	\$19.80

Band Saw Blade Guides

Olson Phenolic guides allow blades to run cooler & last longer w/less friction. Cool Blocks® improve cutting performance & are effective with 1/16" & 1/8" wide blades for tight radius work.

For Delta 14" Band Saws 3 blocks (1/2" x 1/2" x 3/4"), plus 1 guide block (1/2" x 3/8" x 1").

Stk.	Mfr.	Price
613766	CB50000	\$15.50

For most 14" Band Saws 4 blocks (1/2" x 1/2" x 3/4").

Stk.	Mfr.	Price
613767	CB50050	\$15.50

For most 9", 2-wheel Band Saws 2 blocks (13/64" x 13/64" x 13/16"), 2 guide blocks (13/64" x 13/64" x 1").

Stk.	Mfr.	Price
613769	CB50085	\$16.30

**Magnetic Work Light**

DELTA Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (*not included*).

Stk.	Mfr.	Price
724371	25-870	\$45.60

**LED Work Light**

General Intl. Magnetic base sticks to any steel surface. 150 lumen LED light w/10" gooseneck. 10 oz.

Includes 3AA batteries.

Stk.	Mfr.	Price
420838	99-250	\$78.40

**Saw Blade Lubricant Stick**

Olson Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
613750	AC70010	8"L x 1" dia.	\$7.89

Place your order on-line!

www.midwesttechnology.com

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

“Would you like to schedule a call or meeting?”

Kevin Luft ext. 3105
kluft@midwesttechnology.com



Skip Tooth Wood-cutting Blades

Morse Carbon blades w/hard edge & flexible back are hardened halfway through, practically eliminating crystallization. For cutting wood or thin non-ferrous metals. 3 & 4-tooth blades are skip tooth, 6-tooth blades are hook tooth.

Craftsman 9"

Stk.	Width	Length	Thickness	TPI	Price
537770	1/4"	5' 2" (62")	.025"	4	\$13.20
537771	1/4"	5' 2" (62")	.025"	6	\$13.20
537772	3/8"	5' 2" (62")	.025"	4	\$13.70

Jet 10"

Stk.	Width	Length	Thickness	TPI	Price
538000	1/4"	5' 7-1/2" (67-1/2")	.025"	4	\$13.60
538001	3/8"	5' 7-1/2" (67-1/2")	.025"	4	\$14.10
538002	1/2"	5' 7-1/2" (67-1/2")	.025"	4	\$14.60

Delta 10"

Stk.	Width	Length	Thickness	TPI	Price
538005	1/4"	5' 11-3/4" (71-3/4")	.025"	4	\$13.60
538072	3/8"	5' 11-3/4" (71-3/4")	.025"	4	\$14.10
538139	1/2"	5' 11-3/4" (71-3/4")	.025"	4	\$14.60

Delta 10" 28-195

Stk.	Width	Length	Thickness	TPI	Price
538150	1/4"	6' 1/2" (72-1/2")	.025"	6	\$13.90
538151	3/8"	6' 1/2" (72-1/2")	.025"	4	\$14.50
538152	1/2"	6' 1/2" (72-1/2")	.025"	4	\$15.00

Sears 12"

Stk.	Width	Length	Thickness	TPI	Price
538202	3/16"	6' 8" (80")	.025"	4	\$14.30
538206	1/4"	6' 8" (80")	.025"	4	\$14.30
538208	1/4"	6' 8" (80")	.025"	6	\$14.30
538273	3/8"	6' 8" (80")	.025"	4	\$14.90
538340	1/2"	6' 8" (80")	.025"	4	\$15.50

Delta 12" & 16"

Stk.	Width	Length	Thickness	TPI	Price
538601	1/4"	6' 10" (82")	.025"	6	\$14.30
538602	3/8"	6' 10" (82")	.025"	6	\$14.90

Atlas 12"

Stk.	Width	Length	Thickness	TPI	Price
538608	1/4"	6' 11" (83")	.025"	4	\$14.30
538675	3/8"	6' 11" (83")	.025"	4	\$14.90

J-line 14"

Stk.	Width	Length	Thickness	TPI	Price
538940	3/16"	7' 8" (92")	.025"	4	\$15.00
538943	1/4"	7' 8" (92")	.025"	4	\$15.00
538945	1/4"	7' 8" (92")	.025"	6	\$15.00
539010	3/8"	7' 8" (92")	.025"	4	\$15.70

Delta 14", General Intl. 14", JET 14" & Powermatic 14CS.

Stk.	Width	Length	Thickness	TPI	Price
539275	3/16"	7' 9-1/2" (93-1/2")	.025"	4	\$15.00
539278	1/4"	7' 9-1/2" (93-1/2")	.025"	4	\$15.00
539281	1/4"	7' 9-1/2" (93-1/2")	.025"	6	\$15.00
539345	3/8"	7' 9-1/2" (93-1/2")	.025"	4	\$15.70
539282	3/8"	7' 9-1/2" (93-1/2")	.025"	6	\$15.70
539412	1/2"	7' 9-1/2" (93-1/2")	.025"	4	\$16.30
539680	3/4"	7' 9-1/2" (93-1/2")	.032"	3	\$17.70

Powermatic 14" 141 & 143

Stk.	Width	Length	Thickness	TPI	Price
539945	3/16"	7' 11" (95")	.025"	4	\$15.00
539948	1/4"	7' 11" (95")	.025"	4	\$15.00
539950	1/4"	7' 11" (95")	.025"	6	\$15.00
540015	3/8"	7' 11" (95")	.025"	4	\$15.10
540016	3/8"	7' 11" (95")	.025"	6	\$15.70
540082	1/2"	7' 11" (95")	.025"	4	\$16.30
540350	3/4"	7' 11" (95")	.032"	3	\$17.70

Boice-Crane 14"

Stk.	Width	Length	Thickness	TPI	Price
540417	1/4"	8' 2" (98")	.025"	4	\$16.60
540484	3/8"	8' 2" (98")	.025"	4	\$16.10

Powermatic 14"

Stk.	Width	Length	Thickness	TPI	Price
540551	1/4"	8' 3-1/2" (99-1/2")	.025"	4	\$15.40
540618	3/8"	8' 3-1/2" (99-1/2")	.025"	4	\$16.10

Delta 14"/Vega 14"

Stk.	Width	Length	Thickness	TPI	Price
540980	1/4"	8' 9" (105")	.025"	4	\$15.70
540982	3/8"	8' 9" (105")	.025"	4	\$16.50
540984	1/2"	8' 9" (105")	.025"	4	\$16.40

Jet JWBS16

Stk.	Width	Length	Thickness	TPI	Price
541015	3/16"	10' 3" (123")	.025"	4	\$16.80
541016	1/4"	10' 3" (123")	.025"	4	\$16.80
541017	3/8"	10' 3" (123")	.025"	4	\$16.80

Jet JWBS-18

Stk.	Width	Length	Thickness	TPI	Price
541260	3/16"	11' 1" (133")	.025"	4	\$16.70
541262	1/4"	11' 1" (133")	.025"	4	\$16.70
541264	1/4"	11' 1" (133")	.025"	6	\$16.70
541266	3/8"	11' 1" (133")	.025"	4	\$17.60
541267	3/8"	11' 1" (133")	.025"	6	\$17.60
541268	1/2"	11' 1" (133")	.025"	4	\$18.50
541270	3/4"	11' 1" (133")	.032"	3	\$21.80

Delta 18"

Stk.	Width	Length	Thickness	TPI	Price
541271	1/4"	11' 4" (136")	.025"	4	\$16.70
541272	3/8"	11' 4" (136")	.025"	4	\$17.60
541273	1/2"	11' 4" (136")	.025"	4	\$18.50

Jet JWBS-18X

Stk.	Width	Length	Thickness	TPI	Price
541274	1/4"	11' 5" (137")	.025"	4	\$16.70
541275	3/8"	11' 5" (137")	.025"	4	\$17.60
541276	1/2"	11' 5" (137")	.025"	4	\$18.50

Powermatic 20"

Stk.	Width	Length	Thickness	TPI	Price
541489	1/4"	11' 7" (139")	.025"	4	\$17.00
541556	3/8"	11' 7" (139")	.025"	4	\$18.00
541623	1/2"	11' 7" (139")	.025"	4	\$18.90

Delta older 20"

Stk.	Width	Length	Thickness	TPI	Price
541687	3/16"	11' 9" (141")	.025"	4	\$17.00
541690	1/4"	11' 9" (141")	.025"	4	\$17.00
541693	1/4"	11' 9" (141")	.025"	6	\$17.00
541757	3/8"	11' 9" (141")	.025"	4	\$18.00
541758	3/8"	11' 9" (141")	.025"	6	\$18.00
541824	1/2"	11' 9" (141")	.025"	4	\$18.90
542092	3/4"	11' 9" (141")	.032"	3	\$22.20

J-line 20"

Stk.	Width	Length	Thickness	TPI	Price
542159	1/4"	12' 4" (148")	.025"	4	\$17.30
542226	3/8"	12' 4" (148")	.025"	4	\$18.30
542293	1/2"	12' 4" (148")	.025"	4	\$19.30

Delta 20" 28-651 to 28-665 & Powermatic 81 & 87

Stk.	Width	Length	Thickness	TPI	Price
542424	3/16"	12' 6" (150")	.025"	4	\$17.30
542427	1/4"	12' 6" (150")	.025"	4	\$17.30
542430	1/4"	12' 6" (150")	.025"	6	\$17.30
542494	3/8"	12' 6" (150")	.025"	4	\$18.30
542495	3/8"	12' 6" (150")	.025"	6	\$18.30
542561	1/2"	12' 6" (150")	.032"	4	\$19.30
542829	3/4"	12' 6" (150")	.025"	3	\$22.70

Skip Tooth Wood-cutting Blades

MORSE Carbon blades w/hard edge & flexible back are hardened halfway through, practically eliminating crystallization. For cutting wood or thin non-ferrous metals. 3 & 4-tooth blades are skip tooth, 6-tooth blades are hook tooth.

Powermatic 15"

Stk.	Width	Length	Thickness	TPI	Price
542970	3/16"	12' 9" (153")	.025"	4	\$17.70
542971	1/4"	12' 9" (153")	.025"	6	\$17.70
542972	1/4"	12' 9" (153")	.025"	4	\$17.70
542973	3/8"	12' 9" (153")	.025"	6	\$18.70
542974	3/8"	12' 9" (153")	.025"	4	\$18.70
542975	1/2"	12' 9" (153")	.025"	4	\$19.80
542976	3/4"	12' 9" (153")	.032"	3	\$23.30

Delta 20" 28-640 & 28-641

Stk.	Width	Length	Thickness	TPI	Price
543235	3/16"	13' 1/2" (156-1/2")	.025"	4	\$18.00
543236	1/4"	13' 1/2" (156-1/2")	.025"	4	\$19.10
543237	1/4"	13' 1/2" (156-1/2")	.025"	6	\$18.00
543238	3/8"	13' 1/2" (156-1/2")	.025"	4	\$18.40
543234	3/8"	13' 1/2" (156-1/2")	.025"	6	\$19.10
543239	1/2"	13' 1/2" (156-1/2")	.025"	4	\$20.20
543240	3/4"	13' 1/2" (156-1/2")	.032"	3	\$23.80

Powermatic 20" 2013

Stk.	Width	Length	Thickness	TPI	Price
543250	3/16"	13' 2-1/2" (158-1/2")	.025"	4	\$18.00
543251	1/4"	13' 2-1/2" (158-1/2")	.025"	4	\$18.00
543252	1/4"	13' 2-1/2" (158-1/2")	.025"	6	\$18.00
543253	3/8"	13' 2-1/2" (158-1/2")	.025"	4	\$19.10
543254	1/2"	13' 2-1/2" (158-1/2")	.025"	4	\$20.20
543256	1/2"	13' 2-1/2" (158-1/2")	.025"	6	\$19.10
543255	3/4"	13' 2-1/2" (158-1/2")	.032"	3	\$23.80

Powermatic 18" PMI 800

Stk.	Width	Length	Thickness	TPI	Price
543106	3/16"	13' 4" (160")	.025"	4	\$19.10
543101	1/4"	13' 4" (160")	.025"	4	\$18.00
543102	1/4"	13' 4" (160")	.025"	6	\$18.00
543103	3/8"	13' 4" (160")	.025"	4	\$19.10
543107	3/8"	13' 4" (160")	.025"	6	\$19.10
543104	1/2"	13' 4" (160")	.025"	4	\$20.20
543105	3/4"	13' 4" (160")	.032"	3	\$23.80

Powermatic 24" 2415

Stk.	Width	Length	Thickness	TPI	Price
543265	1/4"	15' 1/2" (180-1/2")	.025"	4	\$19.40
543266	1/4"	15' 1/2" (180-1/2")	.025"	6	\$19.40
543267	3/8"	15' 1/2" (180-1/2")	.025"	4	\$20.60
543268	1/2"	15' 1/2" (180-1/2")	.025"	4	\$21.00
543269	3/4"	15' 1/2" (180-1/2")	.032"	3	\$26.00

Metal-cutting Band Saw Blades

MORSE 10, 14, 18 tooth are raker set w/hard edge & flex back.

Priced per individual blade.

Wells 49A & 300

Stk.	Width	Length	Thickness	TPI	Price
537603	1/2"	5' (60")	.025"	10	\$13.70
537670	1/2"	5' (60")	.025"	14	\$13.70
537737	1/2"	5' (60")	.025"	18	\$13.70

Wells 57

Stk.	Width	Length	Thickness	TPI	Price
537804	1/2"	5' 4" (64")	.025"	10	\$14.10
537871	1/2"	5' 4" (64")	.025"	14	\$14.10
537938	1/2"	5' 4" (64")	.025"	18	\$14.10

Delta 4" x 6"

Stk.	Width	Length	Thickness	TPI	Price
537940	1/2"	5' 4-1/2" (64-1/2")	.025"	10	\$14.10
537941	1/2"	5' 4-1/2" (64-1/2")	.025"	14	\$14.10
537942	1/2"	5' 4-1/2" (64-1/2")	.025"	18	\$14.10

Kalamazoo 610 & 7AD

Stk.	Width	Length	Thickness	TPI	Price
538742	1/2"	7' 5" (89")	.025"	10	\$15.90
538809	1/2"	7' 5" (89")	.025"	14	\$15.90
538876	1/2"	7' 5" (89")	.025"	18	\$15.90

Wells 58B

Stk.	Width	Length	Thickness	TPI	Price
539077	1/2"	7' 9" (93")	.025"	10	\$16.30
539144	1/2"	7' 9" (93")	.025"	14	\$16.30
539211	1/2"	7' 9" (93")	.025"	18	\$16.30

Jet HVBS-7MW

Stk.	Width	Length	Thickness	TPI	Price
539220	3/4"	7' 9" (93")	.032"	10	\$17.70
539221	3/4"	7' 9" (93")	.032"	14	\$17.70
539222	3/4"	7' 9" (93")	.032"	18	\$17.70

Delta 14"

Stk.	Width	Length	Thickness	TPI	Price
539283	1/4"	7' 9-1/2" (93-1/2")	.025"	10	\$15.00
539284	1/4"	7' 9-1/2" (93-1/2")	.025"	14	\$15.00
539479	1/2"	7' 9-1/2" (93-1/2")	.025"	10	\$16.30
539546	1/2"	7' 9-1/2" (93-1/2")	.025"	14	\$16.30
539613	1/2"	7' 9-1/2" (93-1/2")	.025"	18	\$16.30

W.F.Wells A7

Stk.	Width	Length	Thickness	TPI	Price
539747	1/2"	7' 10" (94")	.025"	10	\$16.30
539814	1/2"	7' 10" (94")	.025"	14	\$16.30
539881	1/2"	7' 10" (94")	.025"	18	\$16.30

Powermatic 14"

Stk.	Width	Length	Thickness	TPI	Price
539952	1/4"	7' 11" (95")	.025"	14	\$15.00
540018	3/8"	7' 11" (95")	.025"	14	\$15.70
540149	1/2"	7' 11" (95")	.025"	10	\$16.30
540216	1/2"	7' 11" (95")	.025"	14	\$16.30
540283	1/2"	7' 11" (95")	.025"	18	\$16.30
540355	3/4"	7' 11" (95")	.032"	14	\$17.70

Jet HBS-814GH

Stk.	Width	Length	Thickness	TPI	Price
540380	3/4"	8' 1" (97")	.032"	10	\$18.30
540381	3/4"	8' 1" (97")	.032"	14	\$18.30
540382	3/4"	8' 1" (97")	.032"	18	\$18.30



“ Having trouble finding what you're looking for? ”

Cindy Jungers ext. 3107
 cjungers@midwesttechnology.com

Jet VBS-1408

Stk.	Width	Length	Thickness	TPI	Price
541000	1/4"	9' 6" (114")	.025"	14	\$16.10
541002	3/8"	9' 6" (114")	.025"	14	\$16.90
541004	1/2"	9' 6" (114")	.025"	10	\$16.80
541006	1/2"	9' 6" (114")	.025"	14	\$16.80
541008	1/2"	9' 6" (114")	.025"	18	\$16.80

Delta 8" & 14"

Stk.	Width	Length	Thickness	TPI	Price
541009	3/4"	9' 8-7/8" (116-7/8")	.032"	10	\$19.90

Jet HBS-916W

Stk.	Width	Length	Thickness	TPI	Price
541010	1"	9' 11-1/2" (119-1/2")	.025"	14	\$22.80

Jet VBS-1610

Stk.	Width	Length	Thickness	TPI	Price
541030	1/2"	10' 3-1/2" (123-1/2")	.025"	10	\$17.70
541032	1/2"	10' 3-1/2" (123-1/2")	.025"	14	\$17.70
541034	1/2"	10' 3-1/2" (123-1/2")	.025"	18	\$17.70

Jet HBS-1018W

Stk.	Width	Length	Thickness	TPI	Price
541225	1"	10' 10-1/2"	.025"	14	\$24.20

Kalamazoo 9AD

Stk.	Width	Length	Thickness	TPI	Price
541087	3/4"	10' 10-1/2" (130-1/2")	.032"	10	\$21.10
541154	3/4"	10' 10-1/2" (130-1/2")	.032"	14	\$21.10
541221	3/4"	10' 10-1/2" (130-1/2")	.032"	18	\$21.10

W.F. Wells L9

Stk.	Width	Length	Thickness	TPI	Price
541288	3/4"	11' 6" (138")	.032"	10	\$21.60
541355	3/4"	11' 6" (138")	.032"	14	\$21.60
541422	3/4"	11' 6" (138")	.032"	18	\$21.60

Delta 20"

Stk.	Width	Length	Thickness	TPI	Price
541891	1/2"	11' 9" (141")	.025"	10	\$18.90
541958	1/2"	11' 9" (141")	.025"	14	\$18.90
542025	1/2"	11' 9" (141")	.025"	18	\$18.90
542432	1/4"	12' 6" (150")	.025"	10	\$17.30
542433	1/4"	12' 6" (150")	.025"	14	\$17.30
542434	1/4"	12' 6" (150")	.025"	18	\$17.30
542496	3/8"	12' 6" (150")	.025"	10	\$18.30
542497	3/8"	12' 6" (150")	.025"	14	\$18.30
542628	1/2"	12' 6" (150")	.025"	10	\$19.30
542695	1/2"	12' 6" (150")	.025"	14	\$19.30
542762	1/2"	12' 6" (150")	.025"	18	\$19.30

Powermatic 20"

Stk.	Width	Length	Thickness	TPI	Price
543097	1/2"	12' 7" (151")	.025"	10	\$19.80
543164	1/2"	12' 7" (151")	.025"	14	\$19.80
543231	1/2"	12' 7" (151")	.025"	18	\$19.80

Delta Metal-cutting Blades**Delta 4" x 6"**

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
705691	20-331	1/2"	5' 4-1/2" (64-1/2")	.025"	10	\$16.30
705692	20-332	1/2"	5' 4-1/2" (64-1/2")	.025"	14	\$15.50

Delta 8" x 14"

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
705812	20-722	3/4"	9' 8-15/16" (116-15/16")	.032"	6	\$27.00

Wood or Metal-cutting Band Saw Blades

Morse Carbon hard edge flexible back material w/hardened teeth.

Delta 8"

Stk.	Mfr.	Width	Length	TPI	Price
537675	ZCBA08A	1/8"	4' 8-1/8" (56-1/8")	8	\$13.60
537677	ZCBA14A	1/8"	4' 8-1/8" (56-1/8")	14	\$13.60
537679	ZCBB06	1/4"	4' 8-1/8" (56-1/8")	6	\$12.20
537681	ZCBB14	1/4"	4' 8-1/8" (56-1/8")	14	\$12.20
537682	ZCBC06	3/8"	4' 8-1/8" (56-1/8")	6	\$13.60

Sears, Shopcraft

Stk.	Mfr.	Width	Length	TPI	Price
537683	ZCCA08A	1/8"	4' 9" (57")	8	\$14.90
537685	ZCCA14A	1/8"	4' 9" (57")	14	\$14.90
537687	ZCCB06	1/4"	4' 9" (57")	6	\$12.20
537689	ZCCB14	1/4"	4' 9" (57")	14	\$12.20
537691	ZCCC06	3/8"	4' 9" (57")	6	\$13.60
537693	ZCCC14	3/8"	4' 9" (57")	14	\$13.60

Delta 9"

Stk.	Mfr.	Width	Length	TPI	Price
537700	ZCDA08A	1/8"	4' 11-1/2" (59-1/2")	8	\$14.90
537701	ZCDA14A	1/8"	4' 11-1/2" (59-1/2")	14	\$14.90
537702	ZCDB06	1/4"	4' 11-1/2" (59-1/2")	6	\$12.20
537703	ZCDB14	1/4"	4' 11-1/2" (59-1/2")	14	\$12.20
537704	ZCDC06	3/8"	4' 11-1/2" (59-1/2")	6	\$13.60
537705	ZCDC14	3/8"	4' 11-1/2" (59-1/2")	14	\$13.60

Delta, Jet 14"

Stk.	Mfr.	Width	Length	TPI	Price
537694	ZCLA14	1/8"	7' 9-1/2" (93-1/2")	14	\$19.40
537695	ZCLB06	1/4"	7' 9-1/2" (93-1/2")	6	\$16.80
537696	ZCLB14	1/4"	7' 9-1/2" (93-1/2")	14	\$16.80

Band Saw Blade Stock in Rolls

Morse Using your butt welder or brazer, get blade stock in 100' length coils. Rolls are hard edge flexible back. 3 & 4 tooth blades are skip tooth, 6 tooth blades are hook tooth.

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
876932	100'X3/16"X4T	3/16"	100'	.025"	4	\$67.30
876938	100'X1/4"X4T	1/4"	100'	.025"	4	\$67.30
876940	100'X1/4"X6T	1/4"	100'	.025"	6	\$67.30
877005	100'X1/4"X10T	1/4"	100'	.025"	10	\$67.30
877072	100'X1/4"X14T	1/4"	100'	.025"	14	\$67.30
877139	100'X1/4"X18T	1/4"	100'	.025"	18	\$67.30
877206	100'X3/8"X4T	3/8"	100'	.025"	4	\$75.20
877208	100'X3/8"X6T	3/8"	100'	.025"	6	\$75.20
877273	100'X3/8"X10T	3/8"	100'	.025"	10	\$75.20
877340	100'X3/8"X14T	3/8"	100'	.025"	14	\$75.20
877407	100'X3/8"X18T	3/8"	100'	.025"	18	\$75.20
877474	100'X1/2"X4T	1/2"	100'	.025"	4	\$83.20
877476	100'X1/2"X6T	1/2"	100'	.025"	6	\$83.20
877541	100'X1/2"X10T	1/2"	100'	.025"	10	\$83.20
877608	100'X1/2"X14T	1/2"	100'	.025"	14	\$83.20
877675	100'X1/2"X18T	1/2"	100'	.025"	18	\$83.20
877742	100'X3/4"X3T	3/4"	100'	.032"	3	\$110.00
877809	100'X3/4"X10T	3/4"	100'	.032"	10	\$110.00
877876	100'X3/4"X14T	3/4"	100'	.032"	14	\$110.00

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!

SCROLL SAWS



BladeRunner™ X2 Portable Saw

Rockwell 5.5 Amp cutting machine easily makes a variety of cuts through wood, steel, plastic, aluminum, ceramic tile and more.

- Instant, tool-free blade changes
- Rocker switch w/safety key

- Traditional guard & riving knife system allows unlimited capacity for cross & rip cuts
- Adjustable miter gauge for 0° to 60° cuts, right or left
- Dedicated steel rip fence w/large scale for accurate rip cuts
- On-board storage for miter gauge, rip fence & blades
- Mfr.'s 3-yr. limited warranty

Blade 4", T-shank

Capacities: wood: 1-1/2", PVC pipe 1-1/4", aluminum 3/8", ceramic tile 3/8", steel 1/8".

Table Size: 15-3/4" x 17". Tool weight 14.7 lbs.

Includes miter gauge, rip fence, blade holder & allen key & 5 blades.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Stroke Length	Price
693866	RK7323	120	5.5	3,000	3/4"	\$134.00



16" 2-Speed Scroll Saw

Proxxon 1.6 Amp scroll saw is perfect for relief projects, intarsia, miniature fretwork, model building, toy and puzzle making, tool and die making, architectural models and antique restoration. For cutting out intricate patterns, making inside cuts easily and getting smooth edges without sanding.

- Swinging saw blade holder takes standard saw blades with pin ends (*Blades without pin ends may be clamped safely by means of a toggle screw*)
- Tilting table allows cutting incised lettering, chamfers, inlays & marquetry
- Twin cast iron saw over arm w/ball bearing direct drive w/handle for quick, easy blade tension adjustments
- Fitted w/vacuum port labs
- Dust blower w/adjustable nozzle
- Cast iron machine base
- Smooth-finish die cast aluminum table

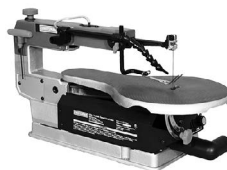
Blade 5", standard plain-end. Capacity: stroke 3/4", throat 15-3/4".

Thickness of cut 2" @ 90°, 1" @ 45° bevel, wood 1-1/2", plastic 13/16", nonferrous metal 13/32". Table size 14-5/32" x 10-1/2", tilt 0-45°L.

Tool size 10-1/2"W x 21"L x 12"H. Tool weight 44 lbs.

Includes 5 ea. fine & coarse blades, on-tool blade storage, vacuum connector & T-Allen key.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
303003	37090	120	1/4	1	990/1,500	\$456.00



16" Variable Speed Scroll Saw

Craftsman Measures 16" from blade to throat. This VS saw provides from 400 to 1,600 strokes per minute providing the versatility to cut through soft and hard woods, as well as plastic and soft metals.

- 2" maximum cutting thickness @ 90°, 1" @ 45°

- Multi-directional dust blower keeps cutting line free of dust & debris
- Dust extraction port (1-1/4") connects to shop vacuum for easy cleanup
- On-board storage conveniently holds extra blades
- Mfr.'s 1-yr. warranty

Blade 5", standard plain & pin-end. Tilt 45°L. Capacity: stroke 3/4", throat 16". Thickness of cut 2" @ 90°, 1" @ 45°. Table size 17-1/8" x 10-1/4".

Tool size 23.62"L x 11.73"W x 13.9"H. Tool weight 37 lbs.

Includes 4 pin and blank-end blades, blade wrench, dust port, blade wrench, dust blower & manual.

Stk.	Mfr.	Volts	Speed (spm)	Price
305650	21602	120	400-1,600	\$223.00



16" Scroll Saw w/Light

SKIL Saw has the right features for the beginning and intermediate woodworker to make intricate cuts and patterns.

- Integrated dust removal system keeps cutline free of debris
- Articulating LED worklight ensures the work piece is clearly lit

- Electronic VS control to cut a variety of materials
- Dust port takes standard shop-vac hose
- On-tool blade storage keeps blades nearby when needed
- Keyless blade change

Blade 5", standard pin-end.

Capacity: stroke 7/8", throat 16", thickness of cut 2" @ 90°.

Table size 16" x 10", tilt 0-45°L.

Includes 2 blades.

Stk.	Mfr.	Volts	Phase	Speed (spm)	Price
260295	3335-07	120	1	500-1,700	\$168.00



16" Scroll Saw

Excalibur Head tilts 45° R&L, tilting the blade, not the table, keeping the workpiece level for better control and more accurate cuts. On-board dust blower.

- Tool-free, quick-blade changes w/finger-operated blade clamps

- Easy-access speed/tension controls

Blade 5", standard plain-end. Tilt 45° R&L.

Capacity: stroke 3/4", throat 16". Thickness of cut 2" @ 90°, 3/4" @ 45°.

Table size 12" x 18-1/2". Tool size 27"L x 15"W x 17"H. Tool weight 54 lbs.

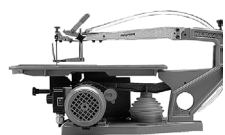
Includes blade, leveling feet, wrench & dust collection kit.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
411701	EX-16	120	1/5	1	400-1,400	\$813.00

Stand Excalibur For Scroll Saw Models EX-21 & EX-16.

Stk.	Mfr.	Price
411703	EX-21BS	\$192.00

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



18" Scroll Saw

Hegner VS saw features a fully slotted table for fast blade changing and easy inside cuts. Parallel arm design for true vertical workpiece edges, minimal blade friction and precise, on-the-spot turns. Knife-edged blade clamps for

long blade life and semi-orbital blade movement makes smooth edges.

- Tilting table w/precise trunnion for easy, accurate bevel sawing
- Built-in bellows system to keep sawdust away from pattern line
- Oversized induction motor for trouble-free reliability
- Quick Tension Release system
- Cast hold-down arm w/fingerguard

Blade 5", standard plain-end.

Capacity: stroke .40/.70, throat 18", thickness of cut 2-5/8".

Table size 17" x 9", tilt 45°L & 12°R. Tool weight 50 lbs.

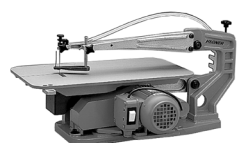
Includes assortment of 76 blades, wrench, blade clamps & manual.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
194510	M18-V	120	1/2	I	400-1,700	\$1,665.00

Stand Hegner

Three-legged steel welded stand takes up less than one-third the floor spaces of conventional four-legged stands and never need leveling. Powder coated for long-lasting finish. For scroll saw models M18-V & M22-V. 32-1/2"H

Stk.	Mfr.	Price
194514	M2ST	\$204.00



20" Scroll Saw

Hegner All-cast construction saw has 2 stroke settings on a slotted iron worktable. I-beam arms for maximum strength and vibration free operation. Knife-edged blade clamps for long blade life, and semi-orbital movement of blades

makes smooth edges. Parallel arm design for true vertical workpiece edges, minimal blade friction and precise, quick turns.

- Oversized induction motor for trouble-free reliability
- Tilting table w/precise trunnion for easy, accurate bevel sawing
- Built-in bellows system to keep sawdust away from pattern line
- 3.2 amp maintenance-free induction motor
- Cast hold-down arm w/fingerguard

Blade 5", standard plain-end.

Capacity: stroke .40/.70, throat 20", thickness of cut 1-7/8".

Table size 19" x 10", tilt 45°L. Tool weight 96 lbs.

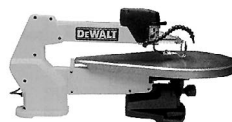
Includes assortment of 76 blades, wrench, clamps, saw stand & manual.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
554150	P3	120	1/2	I	700/1,000/1,270/1,600	\$3,195.00

Stand

194518	P3ST					\$236.00
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*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



20" VS Scroll Saw

DEWALT Double parallel-link arm design dramatically reduces noise and vibration for extremely accurate cuts.

- Front on/off switch, flexible dust blower & blade tensioning lever
- Unique arm design keeps blade perpendicular to the work, reducing under or over cutting
- Multi-directional dust blower
- Tool-free blade changes
- UL listed, OSHA compliant

Blade 5", standard plain-end. Capacity: stroke 3/4", throat 20".

Thickness of cut 2" @ 90°, 1 3/16" @ 45°. Table size 16" x 23-3/4", tilt 45° L&R.

Tool size 19.5"W x 29.5"L x 12.13"H. Tool weight 56 lbs.

Includes hex wrench & blades.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
243090	DW788	120	1/5	I	400-1,750	\$694.00

Worklight

243116	DW788I					\$48.60
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Stand

243115	DW7880					\$113.00
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20" Variable Speed Scroll Saw

DELTA Unique dual parallel-link arm reduces vibration and noise and keeps the blade perpendicular to the work surface.

- Upper arm lifts & locks in the raised position during blade changes or while adjusting for fret work

- On/off switch, electronic VS dial, flexible dust blower & blade-tensioning lever are located up front on the arm for easy accessibility
- Tool-free blade clamp allows for quick, easy blade changes
- Single lever, tool-free blade tensioning allows for quick adjustments
- Large, cast-iron table
- On-tool blade storage

Blade 5", standard plain-end. Capacity: stroke 3/4", throat 20".

Thickness of cut 2-1/8" @ 90°, 1-5/8" @ 45°.

Table size 16" x 24", tilt 45° R&L. Tool size 39"L x 16"W. Weight 70 lbs.

Includes 2 straight blades.

Stk.	Mfr.	Volts	Phase	Speed (spm)	Price
741239	40-694	120	I	400-1,750	\$503.00

Stand DELTA Heavy-duty, all-steel stand with adjustable rear leg. For use with Delta Scroll Saws Mfr. 40-694 & 40-695.

Size 19"W x 29"D x 39"H.

Stk.	Mfr.	Price
741241	40-696	\$112.00



21" Scroll Saw

Excalibur Head tilts 0°-45° R&L, adjusting the blade, not the table keeping workpiece level for better control and more accurate cuts. On-board dust blower.

- Easy-access speed & tension controls
- Tool-free blade changes
- Blade storage on base
- Adj. blade mounting

Blade 5", standard plain-end. Tilt 45° R&L. Capacity: stroke 3/4", throat 21".

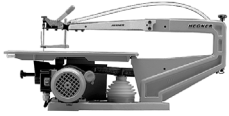
Thickness of cut 2" @ 90°, 1" @ 45°. Table size 13-1/2" x 23-1/2".

Tool size 15"W x 32"L x 15"H. Tool weight 65 lbs.

Includes blade, leveling feet, wrench & dust collection kit.

Shown w/Stand, sold separately.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
411702	EX-21	120	1/5	I	400-1,550	\$964.00



22" Scroll Saw

Hegner Change blades fast and make inside cuts easy with a fully slotted table. Parallel arm design for true vertical workpiece edges and minimal blade friction. Semi-orbital blade movement makes smooth edges and knife-edged blade clamps for long blade life.

- Tilting table w/precise trunnion for easy, accurate bevel sawing
- Built-in bellows system to keep sawdust away from pattern line
- Oversized induction motor for trouble-free reliability
- Quick Tension Release system
- Cast hold-down arm w/fingerguard

Blade 5", standard plain-end.

Capacity: stroke .40/.70, throat 22", thickness of cut 2-5/8".

Table size 17" x 9", tilt 45°L & 12°R. Tool weight 60 lbs.

Includes assortment of 76 blades, wrench, blade clamps & manual.

Stk.	Mfr.	Volts	HP	Phase	Speed (spm)	Price
194512	M22-V	120	1/2	1	400-1,700	\$1,912.00

Stand Hegner Three-legged steel welded stand takes up less than one-third the floor spaces of conventional four-legged stands and never need leveling. Powder coated for long-lasting finish. For scroll saw models M18-V & M22-V. 32-1/2"H

Stk.	Mfr.	Price
194514	M2ST	\$204.00



30" Scroll Saw

Excalibur Head tilts 45° R&L, adjusting the blade rather than the table keeping workpiece level for better control and more accurate cuts. VS motor, large throat capacity and worktable.

- Adjustable blade mounting position (up/down)
- Large table surface
- Easy-access speed & tension controls
- On-board dust blower
- Organized blade storage on base
- Tool-free, quick blade changes

Blade 5", standard plain-end. Tilt 0°-45° R&L. Capacity: stroke 3", throat 30", thickness of cut 2" @ 90°, 7/8" @ 45°. Table 14" x 32-1/2". Tool size 43-1/4"L x 15-1/2"W x 15-1/4"H. Tool weight 114 lbs.

Includes blade, leveling feet, wrench & dust collection kit.

Stk.	Mfr.	Item	Volts	HP	Phase	Speed (spm)	Price
411705	EX-30		120	1/5	1	400-1,550	\$1,411.00
411706	EX-30BS	Stand					\$206.00



Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90



Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00



Scroll Saw Visorguard Kit

Flexbar Provides complete protection between the saw blade & operator's eyes. Easy-grab handle. Flexbar Arm permits setting of Visorguard at the correct height & angle for each set-up. Mounts on most machines in minutes. Shield size 6"W x 8"H.

Includes mounting brackets.

Shown w/scroll saw, sold separately.

Stk.	Mfr.	Price
408712	13466	\$169.00

Scroll Saw Blade Guard

Excalibur Upper and lower blade guard assembly will help prevent unintentional or accidental hand/finger contact with the saw blade. For Excalibur Scroll Saws Mfg. EX-16, EX-21 & EX-30.

Stk.	Mfr.	Price
411707	EX-02	\$39.40

Scroll Saw Blade Clamps

Hegner For Hegner scroll saws.

Stk.	Mfr.	Size	Qty.	Price
194530	CL0.5	0.5mm (for blade size 5 or less)	2	\$30.50
194531	CL0.7	0.7mm (for blade size 5-9)	2	\$30.50

Scroll Saw Tuffscrew

Hegner Blade clamp replacement screw for Hegner blade clamps.

Stk.	Mfr.	Price
194532	HTS	\$3.89

Scroll Saw Tuffwrench

Hegner Use w/blade clamps.

Stk.	Mfr.	Price
194533	HTW	\$22.20



Saw Blade Lubricant Stick

Olson Prolong blade life & produce smoother,

quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
613750	AC70010	8"L x 1" dia.	\$7.89



Magnetic Work Light

DELTA Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (not included).

Stk.	Mfr.	Price
724371	25-870	\$45.60



LED Work Light

General Intl. Magnetic base sticks to any steel surface. 150 lumen LED light w/10" gooseneck. 10 oz.

Includes 3AA batteries.

Stk.	Mfr.	Price
420838	99-250	\$78.40

Spiral Plain & Flat End Blades

Olson Blades have a 360° cutting capability.

Excellent for 0° radius scroll/fret work - you never have to turn the work-piece. For cutting wood, plastic, wax, nonferrous metals, plaster, bone, horn, etc. Use in power scroll saws and hand-held fret and jeweler's saw frames. Made of high-carbon steel, hardened and tempered.

Flat End Medium speed and medium rough finish cutting of hard and soft wood, plaster and wallboard.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613778	468DZ	5"	.035"	spiral	41	12	\$5.93
613779	469DZ	5"	.041"	spiral	36	12	\$5.93

Plain End Finer, more intricate cutting in thin wood, plastic, wax, plaster, etc. to 1/4".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613820	461DZ	5"	.032"	spiral	46	12	\$4.87

Plain End Medium speed and medium rough finish cutting of hard and soft wood, plaster and wallboard.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613821	463DZ	5"	.035"	spiral	41	12	\$4.87
613822	465DZ	5"	.041"	spiral	36	12	\$4.87

Plain End Faster cutting of hard/soft wood and plastic 1/4" or thicker.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613823	467DZ	5"	.051"	spiral	30	12	\$4.87

Skip Tooth Plain End Saw Blades

Olson For hand or machine sawing of wood,

plastic and fibrous materials. Skip tooth blades cut fast, provide good chip clearance and smooth finishes.

For extremely intricate sawing. Excellent for veining, line art and thin cuts in material 1/16" to 1/4". Great for wood veneer, plastic, hard rubber, metal, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613773	440DZ	5"	.022"	.010"	28	12	\$4.38
613774	443DZ	5"	.029"	.012"	20	12	\$4.38

For tight radius work in thin materials 3/32" to 1/2" wood veneer, wood, bone, fiber, plastic, metal etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613775	446DZ	5"	.038"	.016"	12.5	12	\$4.38

For close radius cutting in materials 1/8" or thicker. Great for sawing hard and soft wood, bone, horn, plastic, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613776	448DZ	5"	.045"	.017"	11.5	12	\$4.38

For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613833	450DZ	5"	.053"	.018"	11.5	12	\$4.38

For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613777	453DZ	5"	.062"	.024"	9.5	12	\$4.38

Wood, plastic, for extremely thin cuts on material 3/32" to 1/2" thick. Medium smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613834	424DZ	5"	.070"	.010"	18.5	12	\$4.96

36-Piece Blade Set 12 ea. of 443DZ, 446DZ, 448DZ.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613835	49400	5"					\$12.20

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Skip Tooth Plain End Blades

Hegner Traditional skip tooth design for woods & plastics. Consistent tooth structure, even sizing, long life and superior sharpness.

Materials up to 1/4"

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
194505	PB01	5"	.026"	.012"	25	12	\$4.05

Materials up to 1/2"

194507	PB02	5"	.028"	.013"	23	12	\$4.05
194570	PB03	5"	.032"	.013"	20	12	\$4.05

Materials up to 3/4"

194569	PB04	5"	.035"	.014"	16	12	\$4.05
194572	PB05	5"	.039"	.015"	16	12	\$4.05

Materials up to 1"

194573	PB06	5"	.043"	.017"	15	12	\$4.05
194574	PB07	5"	.045"	.018"	14	12	\$4.05

Materials up to 1-1/4"

194576	PB09	5"	.053"	.019"	14	12	\$4.05
194577	PB11	5"	.063"	.020"	12	12	\$4.05

Double Tooth Plain End Blades

Olson Blades have 2 teeth together followed by a flat space for efficient chip removal. Double tooth blades cut fast, leaving clean edges in wood and plastic.

Extremely intricate sawing in material 1/16" - 1/4". For wood veneer, plastic, hard rubber, etc.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613755	434DZ	5"	.026"	.013"	30	12	\$4.38

Tight radius work in thin materials 3/32" - 1/2" wood veneer, wood, bone, fiber, plastic, etc.

613756	435DZ	5"	.032"	.014"	23	12	\$4.38
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Close radius cutting in materials 1/8" or thicker. Great for sawing hard/soft wood, bone, horn, plastic, etc.

613757	436DZ	5"	.038"	.016"	16	12	\$4.38
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For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc.

613758	437DZ	5"	.044"	.018"	13	12	\$4.38
613759	438DZ	5"	.053"	.018"	11	12	\$4.38
613760	439DZ	5"	.061"	.022"	10	12	\$4.38

36-Piece Blade Set 12 ea. of 435DZ, 436DZ, 438DZ.

613838	49300	5"					\$12.20
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5" & 6" Regular Tooth Plain End

Olson Ideal for use in spring tension scroll saws such as Delta 24", Powermatic 24", Sprunger, Shopsmith and imported spring tension scroll saws. The .100" and narrower width blades can also be used in parallel and C-arm scroll saws.

Wallboard, pressed wood, wood, felt, paper, bone, lead. Medium smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613800	411DZ	5"	.100"	.022"	15	12	\$5.17
613796	411GR	5"	.100"	.022"	15	144	\$41.90
613788	411-6DZ	6"	.100"	.022"	15	12	\$5.53
613785	411-6GR	6"	.100"	.022"	15	144	\$46.80

Hard/soft wood from 1/4" to 3/4" in thickness & plastic. Medium finish.

613801	412DZ	5"	.100"	.022"	10	12	\$5.17
613797	412GR	5"	.100"	.022"	10	144	\$41.90
613804	413DZ	5"	.187"	.025"	10	12	\$5.17
613798	413GR	5"	.187"	.025"	10	144	\$41.90
613802	414DZ	5"	.250"	.028"	7	12	\$5.17
613799	414GR	5"	.250"	.028"	7	144	\$41.90
613789	412-6DZ	6"	.100"	.022"	10	12	\$5.74
613787	413-6DZ	6"	.187"	.025"	10	12	\$5.74

Hard/soft wood from 3/32" to 1/4" T. Medium smooth finish.

613803	405DZ	5"	.100"	.022"	20	12	\$5.17
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Reverse Skip Tooth PGT® Blades

Olson Precision Ground Tooth (PGT) blades w/razor sharp teeth cut faster, smoother, accurate straight & radius cuts. Widely spaced tooth gullets minimize burning & provide rapid chip removal. Finest carbon steel for strength, durability & long blade life. Plain end.

Steady, close radius cutting in materials 3/16" or thicker. For soft wood.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613817	45502	5"	.018"	.044"	12	6	\$4.19

Steady, close radius cutting in materials 1/4" or thicker. For soft & hardwood.

613818	45702	5"	.018"	.046"	10	6	\$4.19
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Fast, close radius cutting in materials 1/2" or thicker. Best for hardwood.

613819	45902	5"	.018"	.048"	8	6	\$4.19
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Reverse Skip Tooth Plain End

Olson For smooth, splinter-free finish on top & bottom. Excellent blade for eliminating tear-out on birch & maple plywood.

Fret sawing hardwood to 1/2" & soft wood to 3/4".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613780	446RDZ	5"	.038"	.016"	12.5	12	\$4.96

Fret sawing hardwood to 3/4" & soft wood to 1-1/2".

613782	448RDZ	5"	.045"	.017"	11.5	12	\$4.96
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Fret sawing hardwood to 1-1/2" & soft wood to 2".

613784	453RDZ	5"	.062"	.024"	9.5	12	\$4.96
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Plain End Blade Assortment

Olson 36-piece set. Plain end.

Includes Spiral 5"L, .035"T, 41 TPI, 12/pkg., Skip Tooth 5"L x .045"W, .017"T, 11.5 TPI, 12/pkg., Reverse Skip Tooth 5"L x .038"W, .016"T, 12.5/9 TPI reverse, 12/pkg.

Stk.	Mfr.	Price
613828	49604	\$13.20

Regular, Reverse & Skip Tooth Pin End

Olson For Sears Craftsman, Penn State, Delta, Ryobi & all 15" & 16" imported saws.

Skip Tooth Cuts in wood, plastic & extremely thin cuts in material 3/32" to 1/2"T.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
613786	424PDZ	5"	.070"	.010"	18.5	12	\$6.14
613832	424PGR	5"	.070"	.010"	18.5	144	\$53.50

Reverse Tooth For smooth, splinter-free finish on top and bottom sides. For hard/soft wood, plywood, etc. 1/4"T.

613813	420RPDZ	5"	.100"	.018"	9/5 rev	12	\$6.81
613824	420RPGR	5"	.100"	.018"	9/5 rev	144	\$59.80

Regular Tooth Cuts in wood, plastic & extremely thin cuts in material 3/32" to 1/2"T.

613830	427PDZ	5"	.070"	.010"	2.5	12	\$6.14
613831	427PGR	5"	.070"	.010"	2.5	144	\$53.50

Regular Tooth Wallboard, pressed wood, wood, felt, paper, bone & lead.

613808	411PDZ	5"	.100"	.018"	15	12	\$6.14
613806	411PGR	5"	.100"	.018"	15	144	\$53.50

Regular Tooth Cuts in hardwood, softwood & plastic.

613805	405PDZ	5"	.100"	.018"	20	12	\$6.14
613811	405PGR	5"	.100"	.018"	20	144	\$53.50
613809	412PDZ	5"	.100"	.018"	10	12	\$6.14
613807	412PGR	5"	.100"	.018"	10	144	\$53.50

18-Piece Assortment 6 ea. of regular blades 411PDZ & 412PDZ, plus 6 of reverse skip tooth blade 424PDZ.

613829	49501	5"					\$8.28
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Scroll Saw Files

Olson Fine-grit scroll saw files smooth, sand, shape & correct complex contours & forms, eliminating hand sanding in soft/hardwood, plaster, greenware, soapstone & non-ferrous metals including copper & brass. Made from durable, tempered-spring steel coated w/silicon carbide abrasive. For most scroll saws taking plain end blades & can also be used in pin vises, craft knife handles, mini hack, jeweler & hand fret saws. USA made.

Stk.	Mfr.	Item	Width	Thickness	Qty.	Price
613836	42100	Plain End	.156"	.056"	2	\$6.08
613837	42101	Pin End	.156"	.056"	2	\$6.52

Scroll Sander Sanding Belts

Olson Sanding belts easily smooth edges of scroll saw projects in wood, plastic, metal & composites. Durable, fabric-backed belts have molded-polycarbonate ends for attaching to most scroll saws that take 5" blades. Belts rapidly remove bumps, burns & feathering, plus correct wandering on a cutting line. Great for curves, concave or convex edges & can reach into intersections. Mounts as easily as a blade. Remount w/opposite side up to double belt life. Fits most 5" scroll saws (Craftsman, Delta, DeWalt, Excalibur, Ryobi, modifications may be required to throat insert or table opening depending on belt width). USA made.

- DeWalt & Excalibur Scroll Saws only accept 1/4" belts unless table hole is drilled larger Dremel 1670, 1671, 1680: use pin end belts. Remove gate's plastic nub to fit in clamp (if needed)
- Delta: use side mount, cut table insert to fit sander or remove table insert
- Ryobi SC 160: use pin end belts
- Ryobi SC 162, 162VS & 165: use plain end belts only
- Hegner: use pin end belts
- Does not fit RBL, Reliant or Moto-Shop

1/4" Pin End

Stk.	Mfr.	Width	Grit	Qty.	Price
613847	SC91212BL	1/4"	120	4	\$8.58
613848	SC91218BL	1/4"	180	4	\$8.58
613849	SC91222BL	1/4"	220	4	\$8.58
613850	SC91262BL	1/4"	(180, 220 & 2 of 120)	4	\$8.58

1/4" Plain End

Stk.	Mfr.	Width	Grit	Qty.	Price
613851	SC92212BL	1/4"	120	4	\$8.58
613852	SC92218BL	1/4"	180	4	\$8.58
613853	SC92222BL	1/4"	220	4	\$8.58
613854	SC92262BL	1/4"	(180, 220 & 2 of 120)	4	\$8.58

1/2" Pin End

Stk.	Mfr.	Width	Grit	Qty.	Price
613855	SC91508BL	1/2"	80	4	\$8.58
613856	SC91512BL	1/2"	120	4	\$8.58
613857	SC91518BL	1/2"	180	4	\$8.58
613858	SC91522BL	1/2"	220	4	\$8.58
613859	SC91564BL	1/2"	(80, 120, 180, 220)	4	\$8.58

1/2" Plain End

Stk.	Mfr.	Width	Grit	Qty.	Price
613860	SC92508BL	1/2"	80	4	\$8.58
613861	SC92512BL	1/2"	120	4	\$8.58
613862	SC92518BL	1/2"	180	4	\$8.58
613863	SC92522BL	1/2"	220	4	\$8.58
613864	SC92564BL	1/2"	(80, 120, 180, 220)	4	\$8.58

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RADIAL ARM SAWS



10" Radial Arm Saw

Craftsman Industrial This saw not only provides clean miters, bevels and slots, but integrates attachments like dado blades and buffing wheels. Built on a sturdy, broad-standing base and featuring a wide working surface, this saw accommodates large and small work pieces easily.

- Powered by a 3 HP motor sliding smoothly on an extra long turret arm
- Laser Trac™ technology assists in aligning the blade to the work piece

- 3 HP maximum deviation Control Cut™ feed rate motor
- Automatic blade brake stops blade in seconds increasing work safety
- 1-yr. mfr.'s warranty

Blade dia. 10", arbor 5/8". Crosscut capacity 29"D. Rip capacity 15.5"W. Tool size 28"L x 22.1"W x 40.1"H. Weight 204 lbs.

Includes 10" 40T carbide blade, stand, blade & arbor mounted laser.

Stk.	Mfr.	Volts	Phase	Speed (rpm)	Price
305700	22010	120	1	3,450	\$1,369.00



12" Radial Arm Saws

Original Saw An extension of industrial line cutting machines, built to exacting tolerances and manufactured with adjustments at all wear points giving it extremely tight cutting tolerances throughout its service life.

- Cast iron & cast aluminum construction
- Mounted on heavy gauge steel frame & legs
- Automatic electronic brake
- TEFC motor

Blade dia. 12", arbor 1".

Cutting capacity: 1-7/16" @ 45° bevel, 2-1/4" @ 90°, 1" crosscut on 24" stock.

Rip capacity: 27-1/4". Miter 16" @ 45° 1" stock.

Positive stops: 45°, 90°. Table 39"W x 25"L.

Tool size 36-1/8"L x 40"W x 62-1/2"H. Weight 320 lbs.

Includes automatic electronic brake, no restart after power loss protection, complete upper & lower blade guard w/anti-kickback attachment, dust elbow, auto-return device, arbor nut, collars & wrenches, heavy steel base w/legs, oversized Masonite® tabletop & adjustable crosscut stop.

Blade not included, sold separately.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
893100	3512-01	220	3	1	3,425	\$4,845.00
893101	3512-03	208/230/460	3	3	3,425	\$4,771.00

893101|Please specify voltage.

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Please visit
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for the complete specifications
of the products listed on this page.



12" Radial Arm Saw

General Intl. Powerful 2 HP, TEFC 220V saw offers industrial-rated quality while versatile design allows for crosscuts, bevels and miters. Head swivels for rip cuts.

- Cast-iron frame, heavy steel column & sturdy easy-assemble all-steel stand provide perfect alignment & stability
- Precision adjustable indexing w/positive stops at 90° & 45°
- Blade guard w/anti-kickback safety attachment & splitter
- Magnetic switch w/overload protection & lock-out key
- Automatic safety brake stops the blade in seconds upon shutdown
- Dual 4" dust ports above table & 2" dust port on rear of blade guard 12" negative rake, multi-purpose combination blade
- Adjustable tension cutterhead/carriage return spring to smoothly & safely retract the motor & carriage back to the start position
- Replaceable steel guide ways
- CSA Approved

Blade dia. 12", arbor 5/8" (w/1" spacer).

Cutting capacity: 3", 2" @ 45° bevel, 16" crosscut. Rip capacity: 26-3/8".

Miter 11-1/2" @ 45°. Dado capacity 13/16". Positive stop 45°, 90°.

Table 27-1/2"L x 35-3/8"W x 36-3/4"H.

Tool size 43-1/4"L x 35-3/4"W x 70-7/8"H. Weight 396 lbs.

Includes blade, return spring, laser & blade wrenches.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
420775	50-755MI	220	2	1	3,440	\$4,214.00



14" Heavy Duty Radial Arm Saws

Original Saw Repeatable accuracy at any angle. 8 wide-contact ball bearings in rollerhead. Precision-machined track in heavy cast iron arm. Magnetic starter with no voltage/low voltage protection & thermal overload protection.

- Automatic electro-mechanical brake
- Auto-return device
- Low-voltage push-button controls
- Adjustable arm stop

Blade dia. 14", arbor 1".

Cutting capacity: 4-1/8", 1-3/4" @ 45° bevel, 24" crosscut.

Rip capacity: 37-7/8". Miter 15-1/2" @ 45°. Positive stop 45°.


Table 44"L x 33"W x 32"H. Tool size 46"L x 47-1/2"W x 70"H. Weight 500 lbs.

Includes TEFC w/automatic brake, upper & lower blade guard w/anti-kickback attachment, arbor nut, collars & wrenches, heavy steel base w/legs & Masonite® top, column lock & adjustable crosscut stop.

Blade not included, sold separately.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
893102	3536-01	230	3	1	3,425	\$7,558.00
893104	3536-03	230/460	5	3	3,425	\$7,356.00

893104|Please specify voltage.

Cutterhead Return Attachment  **DELTA** Speeds up production. Returns cutterhead automatically out of the way, behind guide fence after cut.

Stk.	Mfr.	Price
729900	33-723	\$255.00



Pedestal Roller Stand

Port A Mate Pedestal roller provides stable support & assists in the movement of larger workpiece materials.

- Assembles in 5 minutes
- Folds flat
- Durable powder coat finish
- Non-slip rubber feet
- Wide stance for extra stability

- High strength ABS adjustment handle
- Premium polished steel ball bearing roller

Height 27" - 43-3/4".

Stk.	Mfr.	Rollers	Width	Capacity	Price
476510	PM5080	1	11.25"	132 lbs.	\$31.50
476511	PM5083	1	11.25"	200 lbs.	\$40.30



Stock Roller Stand

Shop Fox Heavy-gauge, all-steel welded unit w/quick-fold leg for easy set-up. Stable T-bar base. Ball-bearing roller. Non-marring foot pads. Stores flat.

Height 24.5" - 42". Capacity 150 lbs.

Stk.	Mfr.	Rollers	Width	Price
785637	D2054	1	13"	\$32.30

PANEL SAWS



Vertical Panel Saw

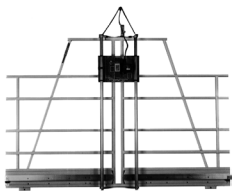
POWERMATIC Features a powerful worm-drive motor which rotates in the carriage, adding the versatility to perform rip cuts. The solid aluminum rollers with outside support bracket assure smooth feeding of stock and perfect 90° cuts every time. Handles panels up to 5' tall.

- Stainless steel guide tubes w/8 guide roller assemblies for smooth carriage glide
- Dual 4" dust ports w/nylon brush surrounding blade for front & rear dust exhaust
- True counterweight system keeps the carriage in position while loading stock
- Heavy-duty welded 1-piece steel frame prevents vibration, ensures solid support
- 5-yr. mfr.'s warranty

Blade 8" dia. Rip length unlimited. Cut thickness 1-1/2". Frame 10'L. Weight 435 lbs.

Includes horizontal & vertical scales, adjustable stop & casters.

Stk.	Mfr.	Volts	HP	Amps	Crosscut	Price
654755	1510007	120	3	13	62"L	\$5,784.00



Vertical Panel Saws

Safety Speed Cut Full-size saw productivity, cut within 1/32" on a wide variety of panel materials up to 1-3/4"T.

- 10' welded steel frame
- Zinc-plated 1-3/4" steel guide tubes

- 4 nylatron roller bearing systems w/adjustable rulers
- Rotating saw head w/thin material pressure guard & injection-molded plastic material rollers
- Spring-loaded saw counterbalance

Blade dia. 8" (sold separately). Frame length 10'. Tool weight 244 lbs.

Stk.	Mfr.	Volts	HP	Amps	Crosscut	Price
770489	H-4	120	3-1/4	13	50"L	\$2,519.00
770490	H-5	120	3-1/4	13	64"L	\$2,677.00

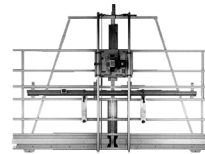


Compact Portable Panel Saw

Safety Speed Cut All the features of the full-size saw in a portable 5' frame. Fits into shops with floor space limitations. Cuts accurately to 1/32".

- 5' welded steel frame
 - Zinc-plated 1-3/4" steel guide tubes
 - 4 nylatron roller bearing systems w/adjustable rulers
 - Rotating saw head w/thin material pressure guard & injection-molded plastic material rollers
 - Spring-loaded saw counterbalance
- Blade dia. 8" (sold separately). Frame length 5'. Tool weight 148 lbs.

Stk.	Mfr.	Volts	HP	Amps	Crosscut	Price
770560	C-4	120	2-1/4	13	50"L	\$1,725.00



Panel Saw/Panel Router Combination Machine

Safety Speed Cut Saw and router on 1 vertical frame with this combination panel saw/panel router machine. Change from saw to router in less than 1 minute with a cutting accuracy of 1/64".

- 10' welded steel frame
- Chrome-plated 1-3/4" guide tubes
- 8 nylatron roller bearing systems w/adjustable rulers
- Rotating saw head w/thin material pressure guard & injection-molded plastic material rollers
- Spring-loaded saw counterbalance

Blade dia. 8" (sold separately). Frame length 10'. Tool weight 283 lbs. Unlimited max. rip length. Max. cut thickness 1-3/4".

Includes floating router head, mid-way fence, 2 hand clamps & 2 blind dado stops.

Stk.	Mfr.	Volts	HP	Amps	Crosscut	Price
770575	SR-5	120	2-1/4	13 Saw / 12 Router	62"L	\$5,379.00

Panel Saw Blades

freud

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Price
412207	LU88R008	8"	3.5"	5/8"	48	\$59.20
412229	LU74R008	8"	3.5"	5/8"	64	\$68.40

Hold-down Bars

Safety Speed Cut

Stk.	Mfr.	Item	Price
770514	H-440	For 50" saws C-4 & H-4	\$251.00
770515	H-550	For 64" saw H-5	\$264.00
770579	6440	For panel saw/routers 3400, 6400 & SR-5	\$276.00

Wheel Kit

Safety Speed Cut For panel saws & saw/routers.

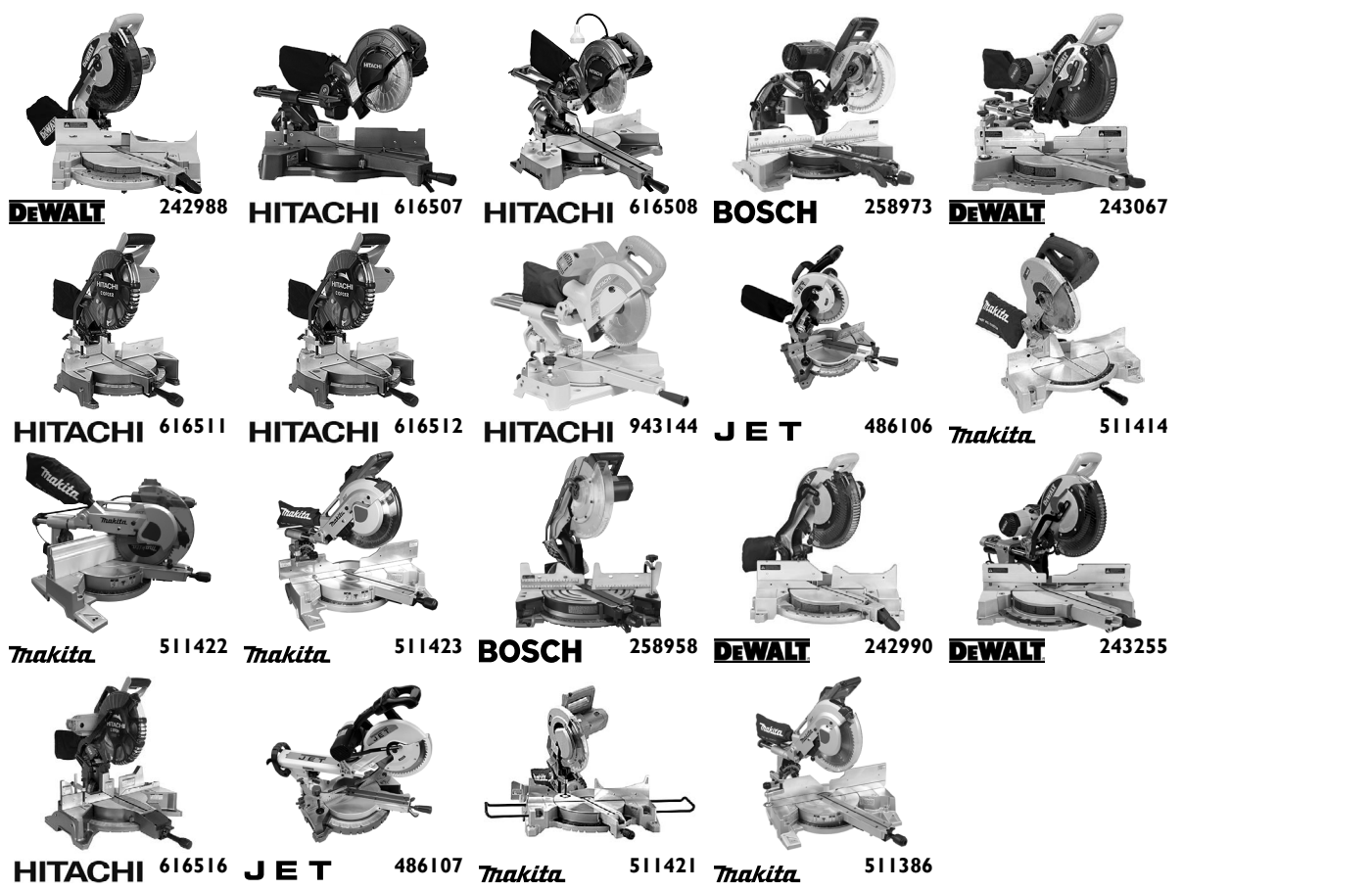
Stk.	Mfr.	Price
770495	H-10	\$69.30

Stands

Safety Speed Cut Tripod clamps to machine with U bolts (no holes to drill) for a free-standing machine.

Stk.	Mfr.	Item	Price
770510	H-20	For 50" saws C-4 & H-4	\$195.00
770577	SR-20	For panel saw/router SR-5	\$195.00

MITER SAWS



Miter Saw

Stk.	Mfr.	Brand	Blade Dia.	Amps	Volts	Slides	No Load RPM	Crosscut	45°L Bevel	45°R&L Miter	Compound	Price
242988	DW713	DeWalt	10"	15	120		5,000	4"	2"	4"		\$304.00

Compound Miter Saw

Stk.	Mfr.	Brand	Blade Dia.	Amps	Volts	Slides	No Load RPM	Crosscut	45°L Bevel	45°R&L Miter	Compound	Price
616507	C8FSE	Hitachi	8.5"	9.2	120	yes	5,500	12"	8-1/2"	2-9/16"	1-25/32"	\$396.00
616508	C8FSHE	Hitachi	8.5"	9.2	120	yes	5,500	12"	8-1/2"	2-9/16"	1-25/32"	\$462.00
258973	CM10GD	Bosch	10"	15	120	no	4,800	12"	N/A	N/A	N/A	\$742.00
243067	DW717	DeWalt	10"		120	yes	4,000	12"	12"	8"	3-1/2"	\$638.00
616511	C10FCE2	Hitachi	10"		120	no	5,000	5-21/32"	3-1/2"	2-5/16"	1-5/8"	\$198.00
616512	C10FCH2	Hitachi	10"	15	120	no	5,000	5-21/32"	3-1/2"	2-5/16"	1-5/8"	\$261.00
943144	C10FSBP4	Hitachi	10"	12	120	yes	3,800	12-9/32"	2-3/16"	8-19/32"	2-3/8"	\$594.00
486106	JMS-10CMS	JET	10"	15	120	no	4,800	5-1/2"	5-1/2"	3-1/2"	1-1/2"	\$387.00
511414	LS1040	Makita	10"	15	115	no	4,600	5-1/8"	3-3/4"	2-5/8"	1-3/8"	\$304.00
511422	LS1016	Makita	10"	15	120	dual	3,200	12"	12"	8-1/2"	2-1/4"	\$734.00
511423	LS1016L	Makita	10"	15	120	dual	3,200	12"	12"	8-1/2"	2-1/4"	\$780.00
258958	CM12	Bosch	12"		120	no	4,200	8"	8"	2"	2"	\$432.00
242990	DW715	DeWalt	12"	15	120	no	4,000	7-3/4"	7-3/4"	3-1/2"	2-5/6"	\$430.00
243255	DWS780	DeWalt	12"	15	120	yes	3,800	16"	2"	2"	N/A	\$780.00
616516	C12FDH	Hitachi	12"	15	120	no	4,000	7-1/2"	8"	2-3/4"	1-1/2"	\$392.00
486107	JMS-12SCMS	JET	12"	15	120	dual	4,200	12-1/4"	8-3/4"	2-1/2"	2-1/2"	\$910.00
511421	LS1221	Makita	12"	15	115	no	4,000	6"	5-1/2"	3-7/8"	1-3/4"	\$493.00
511386	LS1216L	Makita	12"	15	120	dual	3,200	15"	10-1/2"	4-3/4"	1-1/2"	\$900.00

Please visit midwesttechnology.com for the complete specifications of the products listed on this page.

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Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90



Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top. Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00



Universal Mobile Stand

PORTER+CABLE Adjustable in/outfeed rollers to 8"L. Durable tubular steel frame supports up to 300 lbs. 3-position, pneumatic raising & lowering. Adjustable mounting bracket adapts to most miter saws or bench top planers. Wide rubber wheels. Easy assembly. Compact storage.

Stk.	Mfr.	Price
626634	PCI36MS	\$259.00



Heavy-Duty Miter Saw Stand

DEWALT Lightweight aluminum construction. 5-1/2" beam extends to support up to 16' of material. 500 lb. capacity. Locking legs provide superior support & quick, easy set-up.

- Mounting brackets easily secure miter saw to stand

- Work stops/supports can be repositioned quickly anywhere along rail
- Non-marring feet on tool mount will not scratch material
- Extension lock levers allow fast, secure tightening of extensions

Tool size 150"L x 10-1/4"W x 32"H (folds to 72"L x 6"H). Weight 35 lbs.

Includes 2 convertible work supports/stops, 2 mounting brackets.

Stk.	Mfr.	Price
243066	DWX723	\$264.00



Work Center

Port A Mate Multi-function station for bench top planers, plus band, miter and scroll saws. 4-outlet power center allows the use of multiple tools at 1 time. Quick-Mount™ feature for easy attachment of bench top tools.

- Supports 16' workpieces

- Easy fold-n-roll portability
- Stable work platform
- Roller supports w/flip stops
- Extends bench top planer capacity
- Long bed w/4-outlet power center
- Storage compartment
- Universal machinery mounts snap securely to the aluminum top

Tool size 67" to 7'L x 25"W x 33"H. Tool weight 70 lbs.

Includes 8" wheel, 3 roller supports w/flip stops, 4-outlet power center.

Stk.	Mfr.	Price
476500	PM7000	\$367.00



Miter Saw Stand

Craftsman Deluxe miter saw stand comes with universal mounting brackets that let you quickly place and remove most 10" and 12" miter saws. Support legs are spring loaded and lock into place for working, then fold easily for storage. Roll it away on 1-1/2" x 8" wheels.

Tool weight 44 lbs.

Includes a two-outlet power strip w/safety switch.

Stk.	Mfr.	Rollers	Width	Length	Height	Capacity	Price
305608	I6490	2	11-1/2"	80"	32-5/8"	330 lbs.	\$206.00



Port A Mate Folding Miter Saw Stand

Port A Mate

- Tough powder coat finish
- Fast & easy snap pin folding legs for transport
- 20" quick attach tool mounts
- 116" long material support

36"H. 500 lbs. capacity.

Stk.	Mfr.	Price
476503	PM4000	\$125.00

CIRCULAR SAW BLADES



Carbide-tipped Safety Dado Sets

freud Stacked razor sharp side blades produce grooves or rabbets that are flat-bottomed & splinter free. Use on table saws & radial arm saws for cutting slots, grooves, dados & rabbets in softwood, hardwood, plywood or laminated chipboard.

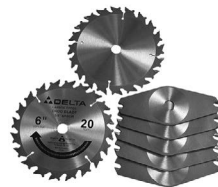
Includes two 1/8" kerf outer blades, 1/16" chipper, four 1/8" chippers & case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
412347	SD306	6"	5/8"	22	15°	\$165.00
412349	SD308	8"	5/8"	22	15°	\$176.00

6" Stackable Dado Set

DELTA Make a variety of cuts on table saws & radial arm saws including plough, groove, rabbet, dado, laps plus tongue & groove. 2 carbide-tipped, anti-kickback blades. Cuts grooves 1/8" to 13/16"W.

Includes two 1/8" kerf outer blades, 5 chippers (4 ea. of 1/8" thick & one 1/16" thick).



Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
738905	35-530	6"	5/8"	20	\$45.10

8" Woodworking Series Dado Blade

Marples Great for softwood, hard woods, plywood and melamine. Cuts grooves from 1/4" to 7/8"W. For table saws and radial arm saws. Resharpener oversized carbide for long life. Heat-resistant non-stick coating reduces gumming.

Includes 2 outer blades, 3 chippers, 3 spacers & 7 shims (ranging from 0.1 to 0.5mm or .004" to .02")

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
619307	1811865	8"	5/8"	12	\$157.00





8" CT Dado Set

DEWALT Makes clean, smooth dado & rabbet cuts, tenons & half-lap joints in hard woods, soft woods, plywood & melamine.

- 4-tooth chippers give smooth, flat bottom cuts
- Heavy gauge, laser cut plates provide true, accurate cuts

- Stainless steel shims allow ultra-fine width adjustments
- Micro-grain carbide teeth deliver clean cuts & reduce splintering

ATB+R tooth grind, 7,000 rpm max speed.

Includes 6 chippers: four 1/8", one 1/16", one 3/32" & molded case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
243237	DW7670	8"	5/8"	24	12°	\$187.00



Carbide-tipped Pro Dado Sets

freud The hook angle makes flat bottom grooves & virtually splinter free cuts. Ideal for underpowered saws because it requires less power to feed. Use on all table saws & radial arm saws for cutting slots, grooves, dados & rabbets in softwood or hardwood.

Includes two 1/8" kerf outside blades, 1/16" chipper, four 1/8" chippers, case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
412345	SD206	6"	5/8"	10	-12°	\$102.00
412344	SD208	8"	5/8"	12	-12°	\$114.00



Super Dado Sets

freud Included 3/32" thick chipper allows cut width to be adjusted in 1/32" increments, doubling the number of slot widths available. Use on all table saws & radial arm saws for cutting slots, grooves, dados & rabbets in softwood or hardwood.

Includes 2 outside blades of 1/8" kerf, 1/16" chipper, 3/32" chipper, four 1/8" chippers, shim set & case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
412358	SD508	8"	5/8"	24	-12°	\$243.00
412354	SD510	10"	1"	32	-12°	\$336.00
412357	SD512	12"	1"	36	-12°	\$365.00



Carbide-tipped Dial-a-Width Dado Sets

freud Performs like a stacked dado, but shims are replaced w/a dial system & dial hub to ensure accurate adjustments. Each click of the dial adjusts the blade by .004". Easy-use set provides precise cutting on hard & softwoods, chipboard, plywood & laminates. Adjusts easily

to right or left operating machines.

Includes 2 blades, 5 chippers (1/8" & 3/32"), wrench & case.

Stk.	Mfr.	Blade Dia.	Arbor	Hook Angle	Price
412355	SD606	6"	5/8"	15°	\$283.00
412356	SD608	8"	5/8"	15°	\$324.00

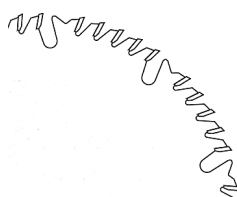


General Purpose Blade LU72R

freud Premium TiCo™ Hi-Density carbide blade includes a 30° Hi-ATB (Alternate Top Bevel) tooth grind for better quality finish and crisper edges in crosscut applications. This blade is ideal for cutting thick hardwoods, softwoods and thinner stock materials that range in thickness from 3/4" to 3-1/2" for

crosscutting and 1/4" to 1" for ripping. For miter saws, table saws, radial arm saws and panel saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412120	LU72R010	10"	3.5"	5/8"	40	13°	.087"	.126"	\$77.70
412121	LU72R012	12"	3.5"	1"	48	13°	.087"	.126"	\$105.00



LU84M Circular Saw Blades

freud Large gullet makes the anti-kickback design a safety necessity. It reduces the possibility of kickback associated w/overfeeding by limiting the amount of bite to the maximum safe amount. On a radial arm saw these blades prevent the climbing effect. Alternate top bevel

& flat grind, anti-kickback. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412228	LU84M009	9"	4.25"	5/8"	40	10°	.087"	.126"	\$79.10
412230	LU84M011	10"	4.5"	5/8"	50	10°	.087"	.126"	\$79.30
412231	LU84M012	12"	5.5"	1"	60	10°	.087"	.126"	\$117.00
412232	LU84M014	14"	6.5"	1"	70	10°	.118"	.157"	\$140.00

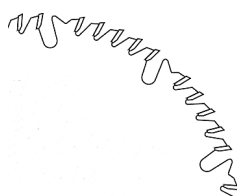


Series 20™ Large Diameter Circular Saw Blades

DEWALT Professional-quality thin kerf carbide saw blades produce a smooth finish w/minimal material waste. Computer-balanced plate reduces vibration for improved accuracy & better finish. Exclusive wedge shoulder design puts more steel behind each tip for increased durability & accuracy.

General Purpose Combination Alternate top bevel & raker. For table & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
243114	DW3184	8.25"	4.5"	5/8"	40	+15°	.050"	.076"	\$35.50
243096	DW3103	10"	4.5"	5/8"	32	+5°	.071"	.099"	\$39.00
243102	DW3114	10"	4.5"	5/8"	40	+15°	.071"	.099"	\$44.10



Woodworking Combination Blade

DEWALT Large C4 micrograin carbide teeth are precision-ground w/fine grit diamond wheels for an exceptionally smooth finish.

Heavy-gauge lasercut hardened & tempered steel plate is precision-balanced for accurate cuts producing tight joints. Ultra-sharp cutting

edges reduce splintering & tear-out. Extra-hard carbide ensures cutting edges stay sharp. Laser-cut expansion slots minimize noise & edge vibration for excellent surface finish. Alternate top bevel & raker. For table saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
243229	DW7640	10"	4.5"	5/8"	50	15°	.079"	.110"	\$79.20
243228	DW71050R	10"	4.5"	5/8"	50	15°	.087"	.125"	\$91.20

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Diablo Wood Cutting

freud Fine-finish blades leave a smooth surface requiring little to no sanding. Special-cutting geometry & high tooth count produce extremely smooth cuts while minimizing grabbing or blowout. Lets trim crews get the most from sliding or chop-style miter saws.

- Red Perma-Shield™ high-performance coating frees blade from gumming & corrosion
- Laser-cut stabilizer vents reduce vibration & heat
- Precision-tensioned, Hard-Core™ steel blade
- Thin, laser cut kerf
- High-density MicroGrain Carbide w/Titanium (TiCo™) tips are 4x sharper
- Tri-metal, shock-resistant brazing allows tips to w/stand extreme impact

General Purpose Alternate top bevel grind. For table & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412033	D1040X	10"	4.5"	5/8"	40	15°	.071	.098	\$48.80

General Purpose Alternate top bevel grind. For miter saws.

412038	D1244X	12"	5.5"	1"	40	15°	.071	.098	\$46.70
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Combination Alternate top bevel grind. For table & miter saws.

412034	D1050X	10"	4.5"	5/8"	50	15°	.071	.098	\$50.30
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Fine Finish Hi-Alternate top bevel grind. For table saws (D1060X) & miter saws.

412035	D1060X	10"	3.5"	5/8"	60	15°	.071	.098	\$54.10
412039	D1280X	12"	5"	1"	80	15°	.087	.118	\$77.00
412040	D1484X	14"	7"	1"	84	15°	.087	.118	\$105.00

Ultra Fine Finish Hi-Alternate top bevel grind. For table & miter saws.

412037	D1080X	10"	4.5"	5/8"	80	15°	.071	.098	\$72.40
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**Cabinetmaker's Crosscut Blade LU73R**

freud TiCo™ Hi-Density carbide blade includes a 38° Hi-ATB (Alternate Top Bevel) tooth grind that delivers excellent crosscuts in double-sided veneer plywood and double-sided melamine. With its Perma-SHIELD® non-stick coating and tooth geometry, this blade is designed primarily for heavy use in a cabinetmaker's shop. Ideal for cutting in hardwood, softwood, plywood, and chipboard in thicknesses from 1/2" to 2-3/4". For slide miter saw, table saw, radial arm saw & portable table saw.

ideal for cutting in hardwood, softwood, plywood, and chipboard in thicknesses from 1/2" to 2-3/4". For slide miter saw, table saw, radial arm saw & portable table saw.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412122	LU73R010	10"	2.75"	5/8"	60	10°	.087"	.126"	\$91.60
412123	LU73R012	12"	2.75"	1"	72	10°	.087"	.126"	\$129.00

Industrial-coated Thin Kerf Combination

freud Heavy-duty blade produced with extreme precision using lasers to cut the hardened blade body and tensioning machines to ensure the blade stays true and flat under load. Great for underpowered saws that need

full kerf stability. Anti-vibration blade with expansion slots. Perma-Shield™ permanent nonstick coating prevents heat build-up. Alternate top bevel, anti-kickback. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412179	LU83R010	10"	4.5"	5/8"	50	15°	.071	.091	\$68.30

**Cabinetmaker's Crosscut Blade LU73M**

freud Premium TiCo™ Hi-Density carbide blade is designed primarily for heavy use in a cabinetmaker's shop. Combining a 10° hook angle and the alternate top bevel tooth grind, this blade provides a good crosscut and long cutting life in hardwood, softwood, plywood, and chipboard. Ideal for cutting a wide

variety of materials most commonly used by cabinet makers in thicknesses from 1/2" to 2- 3/4" thick. For slide miter saw, table saw, radial arm saw, portable table saw.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412221	LU73M014	14"	6.5"	1"	84	10°	.84	.138	\$144.00

General Purpose Chipboard LU82M

freud Deep gullets allow ripping and crosscutting through hard and softwoods with ease for smooth, chipless cuts. Triple chip & flat grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412222	LU82M010	10"	4.5"	5/8"	60	10°	.087	.126	\$94.50

Carbide-tipped Plywood & Melamine-cutting

freud Flawless, chip-free edges in wood & laminates. Non-stick, Perma-Shield™ advanced technology blade features laser-cut, anti-vibration slots that nearly eliminate vibrations, extending blade life. High ATB tooth design for splinter-free cuts. No need for stabilizer or scoring blade. Hi-Alternate top bevel grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412214	LU80R010	10"	4.5"	5/8"	80	2°	.087	.126	\$113.00
412215	LU80R012	12"	5.5"	1"	96	2°	.087	.126	\$171.00

Plastic-cutting Industrial

freud Cuts acrylics, polycarbonates & other plastics, leaving a smooth finish w/out melting. Blades produce less heat keeping the cut edge crisp. Triple chip grind. For table saws & rip saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412216	LU94M008	8"	3.5"	5/8"	64	-3°	.087	.110	\$74.90
412217	LU94M010	10"	4.5"	5/8"	80	-3°	.087	.110	\$104.00

Plastic-cutting

freud Long-life, fast-cutting production blade for a perfect finish on 1-sided laminates & melamines on countertops & laminated floors. The triple chip grind provides excellent cuts in hard & soft wood & wood products. Thick MicroGrain, tri-metal brazing for impact-resistant carbide tips. Laser cut blade bodies & expansion slots. Kickback-reducing design. DuPont Teflon® coating for friction & heat resistance. Mfr.'s limited lifetime warranty. Triple chip grind. For table saws, miter saws, radial arm saws & panel saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412211	LU98R010	10"	4-5/8"	5/8"	80	5°	.087	.126	\$128.00
412213	LU98R012	12"	5.5"	1"	96	5°	.087	.126	\$151.00

Fine Crosscut Construction

DEWALT Professional quality thin kerf carbide saw blade produces a fast cut and a smooth finish with minimal material waste. Anti-stick coating reduces friction and gum-up. Ribbed head vents for reduced friction and binding. Computer balanced plate reduces vibration for improved accuracy & better finish.

Alternate top bevel grind. For table saws & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
243222	DW3128	12"	5.5"	1"	80	5°	.071	.099	\$90.70

Industrial Thin Kerf Fine Finish Crosscut LU88R

freud Laser-cut, pretensioned blade has Perma-Shield™ coating making it resistant to friction & heat build-up. Coating helps blade stay sharp longer. Thin kerf removes less wood, requires less HP & reduces climbing w/radial arm saws. Cleans up w/hot water. Alternate top bevel grind. For table, miter & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412207	LU88R008	8"	3.5"	5/8"	48	15°	.063	.083	\$59.20
412237	LU88R010	10"	4.5"	5/8"	60	15°	.071	.090	\$69.10

Industrial Ultimate Cut-off LU85R

freud Receive a smooth-as-glass finish when cross-cutting hard & softwoods & w/a minimal amount of side clearance. There's only .009" between the teeth & blade body. Laser-cut, pretensioned blade has Perma-Shield™ coating for less resistance to friction & heat build-up. Thin kerf removes less wood, requires less HP & reduces climbing w/radial arm saws. Cleans up w/hot water. Alternate top bevel grind. For table, miter & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412234	LU85R010	10"	4.5"	5/8"	80	10°	.098	.116	\$108.00
412236	LU85R012	12"	5.5"	1"	90	10°	.098	.116	\$163.00

Industrial Thin Kerf Ultimate Cut-off LU74R

freud Laser-cut anti-vibration slots reduce vibration & sideways movement, extending blade life & producing a crisp, flawless finish. Great for crosscutting exotic hardwoods, softwood & moldings. Ideal for miter box applications. Blade removes less material than standard carbide blades, thus requiring less horsepower for quality results. Nonstick Perma-Shield™ coating. Alternate top bevel grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412229	LU74R008	8"	3.5"	5/8"	64	10°	.071	.091	\$68.40
412178	LU74R010	10"	4.5"	5/8"	80	15°	.071	.098	\$89.80
412182	LU74R012	12"	5.5"	1"	96	15°	.071	.098	\$128.00

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Premier Fusion General Purpose Blade

freud Design fuses Freud's 30° Hi-ATB tooth with it's double-side grind tooth geometry for a smooth finish while also giving a flawless top & bottom finish in veneered plywood, hardwoods & melamine. The ultimate combination of fused tooth grind geometry, blade body rigidity, precise tensioning, a special carbide blend & superior carbide brazing, non-stick Perma-Shield™ coating & high performance anti-vibration provide the ultimate cut. Polymer filler reduces vibration. Alternate top bevel grind. For table saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412316	P410	10"	4.5"	5/8"	40	30°	.098	.126	\$114.00
412317	P412	12"	5.5"	1"	48"	30°	.098	.126	\$139.00

Industrial Thin Kerf Sliding Compound Miter Saw

freud Thin kerf industrial blade provides a superior finish cut with sliding compound miter saws. The 5° negative hook angle helps prevent the blade from being too aggressive and pushes the work piece down and towards the fence. Thin kerf blades remove less material than standard carbide blades, thus requiring less horsepower to produce equally good results. Alternate top bevel grind. For miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412208	LU91M008	8-1/2"	3.5"	5/8"	48	-5°	.017	.090	\$65.90
412238	LU91M010	10"	4.5"	5/8"	60	-5°	.017	.090	\$76.30
412205	LU91R010	10"	4.5"	5/8"	60	-5°	.017	.090	\$86.30
412209	LU91M012	12"	5.5"	1"	72	-5°	.017	.090	\$96.10
412206	LU91R012	12"	5.5"	1"	72	-5°	.017	.090	\$110.00

412205 & 412206|Nonstick Perma-Shield® Coating.

Rip/Cut-off Construction Blade

DEWALT Professional quality thin kerf carbide saw blade produces a fast cut & a smooth finish w/ minimal waste. Anti-stick coating reduces friction & gum-up. Ribbed head vents for reduced friction & binding. Exclusive wedge shoulder design for increased durability & accuracy. Computer-balanced plate reduces vibration. Alternate top bevel grind. For table saws & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
243098	DW3112	10"	4.5"	5/8"	24	15°	.017	.099	\$36.80

Industrial Heavy-duty Rip LM72M

freud Excellent for precise finish cut when ripping hard & softwood. The combination of a rigid blade body & the razor-sharp, flat-top carbide teeth provide a precise cut. Flat grind, anti-kickback. For table saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412225	LM72M010	10"	4.5"	5/8"	24	20°	.087	.126	\$68.90
412226	LM72M012	12"	5.5"	1"	30	20°	.118	.169	\$95.00

CAN'T FIND IT?
Call us at 800-831-5904.

Industrial Thin Kerf Rip LU87R

freud Give new life to underpowered saws & radial arm saws. Perma-Shield™ coated blade pulls less on the saw for more cutting power. Thin kerf blades remove less wood, requiring less HP to produce quality results. Cleans up w/hot water. Reduces radial arm saws climbing characteristics. Coating makes

blade resistant to friction & heat build-up. Pretensioned & laser cut to eliminate warping. Alternate top bevel grind. For table saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412223	LU87R010	10"	4.5"	5/8"	24	20°	.071	.094	\$53.00

Marathon Rip/Cut-off Blade

Irwin Lasts 40% longer & cuts 25% faster than the original Marathon. Deeper gullets remove chips quickly for faster, cooler running blade. Specially-engineered heat vents eliminate warping. Fully-hardened plate runs truer for more accurate cuts. Alternate top bevel grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
454472	I4070	10"	4.5"	5/8"	40	23°	.063	.067	\$37.30

Classic Series

Irwin Precision-ground teeth for smooth, accurate cuts. Corrosion-resistant coating helps prevent rusting. Professional performance for an economic price. Alternate top bevel. For table saws and table saws.

Decks

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
452679	I5270	10"	4.5"	5/8"	40	12°	.063	.106	\$24.90

Framing / Ripping

452678	I5070	10"	4.5"	5/8"	24	15°	.063	.118	\$17.50
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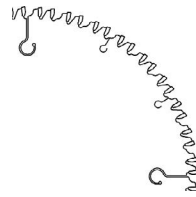
Industrial Glue Line Ripping LM74R

freud Triple chip tooth design produces extremely smooth, true surfaces for gluing and finish work (no need for sanding or jointing afterwards). Working range is 1/8" to 1" thick. High-density MicroGrain Carbide w/Titanium (TiCo™) blade. Non-stick Perma-Shield™ coating. Laser-cut, anti-vibration slots reduces vi-

bration (no need for stabilizers) & sideways motion giving a crisp, swirl-free finish. Heavy-duty thick kerf & plate ensure stable, flat blade for long cutting life. Alternate top bevel grind. For table & radial arm saws.

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412203	LM74R010	10"	4.5"	5/8"	30	12°	.098	.118	\$84.90
412204	LM74R012	12"	4.5"	1"	40	12°	.098	.118	\$105.00

We're experts when it comes to setting up your classroom, shop & lab.
Call us at 800-831-5904.

**Diablo Metal-Cutting**

freud Thin kerf blade w/Triple Chip Grind (TCG) tooth design for long life & clean, burr-free finish. Anti-vibration design & precision-tensioned steel plate provide critical protection against vibration, allowing a smoother, quieter cut. Red Perma-Shield™ high-performance coating frees blade from gumming

& corrosion. Laser-cut stabilizer vents reduce vibration & heat. Precision-tensioned, Hard-Core™ steel blade. Thin, laser cut kerf. High-density MicroGrain Carbide w/Titanium (TiCo™) tips. Tri-metal, shock-resistant brazing allows tips to w/stand extreme impact. Triple chip & flat grind. For table saws & miter saws.

Non-Ferrous Metals / Plastics

Stk.	Mfr.	Blade Dia.	Cutting Cap'y	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
412036	D1080N	10"	4.5"	5/8"	80	-5°	.071	.091	\$76.10

Table Saw Blade Stabilizers

freud Reduces rim vibration, quiets saw whistle & reduces damage to carbide-tipped blades. Use w/ blades 7" to 12" dia. Not for hand-held power saws.



Stk.	Mfr.	Size	Price
412131	SC-001	5/8" Bore	\$22.70
412136	SC-002	1" Bore	\$22.70

Table Saw Blade Bushings

freud For reducing standard size arbor holes. Easily installed w/a tight fit to assure concentricity & smooth cuts. Machined bushings for best blade performance.

Stk.	Mfr.	Size	Price
412050	BL71MCE9	1"-5/8"	\$4.24

BladeCote® Lubricant

Bostik BladeCote® bonds to microstructure of metal saw blades, drills and router bits, creating a clear, micro thin coating that greatly reduces friction and extends blade life. Prevents resin and pitch buildup. Contains no silicone or petroleum oil, won't stain or interfere with glues or finishes.

Stk.	Mfr.	Size	Price
532812	BC-16	10.75 oz.	\$24.30

**Saw Blade Lubricant Stick**

Olson Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
613750	AC70010	8"L x 1" dia.	\$7.89

Precision Bit & Blade Setup Bars

Kreg Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

Includes 7 setup bars: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" & case.

Stk.	Mfr.	Price
793904	PRS3400	\$48.60

TABLE SAWS



10" Jobsite Table Saw w/Laser

Rockwell

- 10" table saw cuts 4 x 4
- Folding fence for extra wide cuts
- Exclusive laser indicator adjusts to blade tilt
- Fully assembled trolley stand for portability
- Best in class rip capacity

Cutting capacity: depth of cut 3-9/16", 45° bevel 2-9/16", rip 30"R.

Dado capacity 7/16"W. Table size 28-1/2" x 19".

Tool size 20"H x 45-1/2"L x 31.7"W. Tool weight 73.7 lbs.

Includes rip fence, miter gauge, push stick, riving knife, dust bag & stand.

Stk.	Mfr.	Volts	Phase	Speed	Price
693857	RK7241S	120	1	4.800	\$560.00



10" Jobsite Table Saw

J E T Heavy-duty 15 amp soft start motor, 25" right rip capacity, a riving knife and anti-kickback pawls for added safety and a heavy-duty folding stand with wheels for quick set-up and portability.

- Rubber hand grips on each end for ease in moving
- Dust shroud design enhances dust & chip removal

- Large telescoping extension wing provides 25" ripping capacity
- Aluminum extruded rails ensure a square fence & sliding precision
- Rear extension provides outfeed support & keeps the workpiece flat
- Riving knife system prevents kickback (*complies w/UL standards*)
- Push-button arbor lock for quick, easy blade change
- Quick-lock, smooth-sliding fence locks securely for accurate cuts
- Base design includes tool storage
- 3-yr. mfr.'s warranty

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/2", rip 25"R.

Dado capacity 3/16"W. Table size 24"L (30-1/4"L w/extension) x 21-25/32"W.

Tool size 20"H x 45-1/2"L x 31.7"W. Tool weight 90.39 lbs.

Includes telescoping extension wing, rails, quick-lock fence, rear extension, riving knife system, 2-1/2" dust port & mobile folding stand.

Stk.	Mfr.	Volts	HP	Phase	Price
486112	JBTS-10MJS	120	4.4	1	\$821.00



10" Contractor's Saw

General Intl.

- Deluxe, quick adjusting miter gauge
- Ruggedly built saw carriage
- Sturdy open base steel stand
- Large paddle-style stop switch

- Excalibur aluminum T-style rip fence system
- 2-1/2" dust port for dust collection systems
- Heavy-duty, precision cast iron, ribbed table w/miter gauge t-slots
- Smooth running, belt drive induction motor for quiet start-up, operation & long running life
- Arbor driven by 2-step belt, ensuring straightness & accuracy when blade is tilted
- Combination riving style splitter, see-through blade guard w/anti-kickback pawls plus European style riving knife

Cutting capacity: depth of cut 3-1/4", 45° bevel 2-5/16", maximum rip 30"R.

Dado capacity: 3/4". Table: 20"L x 25-1/4"W (40" w/extensions).

Tool size 66-1/2"L x 38"W x 43-1/2"H. Tool weight 233 lbs.

Includes saw, rip fence system & fixed leg steel stand.

Please specify voltage. 110V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
420777	50-090RCMI	110/220	2	1	\$1,628.00



10" Table Saw Model 64B

POWERMATIC

Left tilt arbor table saw offers 1-3/4 HP in dual voltage. Transparent blade guard has independent leaves, quick release riving knife reduces chance of kickback.

A low profile riving knife is included for non-

through cuts. Arbor lock accessed from above the table, eliminating the need for dual blade wrenches.

Micro-adjust T-slot miter gauge has rack-and-pinion angle setting, positive stops and extension plate for expanded workpiece support. Work area is further expanded by the melamine-surfaced wood extension table. Storage hooks on the stand keep accessories within reach.

- Precision ground cast iron table & wings w/beveled edge
- Built-in extraction port increases dust collection efficiency
- Heavy cast iron trunnion ensures smooth blade positioning
- Chrome trimmed handwheels are ergonomically designed
- Accu-Fence® locks to rail w/out play
- 5-yr mfr.'s warranty

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/8".

Positive stops 45° & 90°. Dado capacity 13/16"W.

Table size 44-1/4"L x 27"W x 36"H (w/out extension).

Includes stand, Accu-Fence, extension table, 4" dust port, cast iron extension wings, miter gauge, blade guard & riving knife (*blade is required, sold separately*).

Please specify voltage. 115V will be shipped if not specified.

Saw w/30" Fence Rip 30"R, 12"L. Tool size 71-1/4"L x 43"W x 42"H. Weight 367 lbs. **Includes** 30" fence.

Stk.	Mfr.	Volts	HP	Phase	Price
656608	1791229K	115/230	1-3/4	1	\$1,882.00

Saw w/52" Fence Rip 50"R, 12"L. Tool size 79-5/8" x 43"W x 42"H. Weight 414 lbs. **Includes** 52" fence & legs.

Stk.	Mfr.	Volts	HP	Phase	Price
656609	1791230K	115/230	1-3/4	1	\$1,986.00



10" ProShop Table Saws

J E T Offers features expected from a high-end cabinet saw, in the compact design of a contractor-style machine. Transparent blade guard with independent leaves. Quick release riving knife reduces chance of kickback. A low profile riving knife is included for non-through cuts.

- Integrated arbor lock accessed from table top for rapid blade change
- Blade guard & riving knife quick release for mounting & removal
- Enclosed cabinet w/exclusive leg stand design for easy assembly
- Heavy-duty cast iron table w/T-style miter gauge slot
- Sloped cabinet floor & 4" dust port enhance dust collection
- Easy-to-reach control switch
- Rigid, left-tilting cast iron trunnion
- Powder coated paint for a long-lasting, chip-resistant finish
- 5-yr. mfr.'s warranty

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/8".

Table 44"L x 27"W x 34-3/4"H (w/extension).

Includes 10" x 40TPI blade, stand, miter gauge, blade guard & splitter.

Please specify voltage. 115V will be shipped if not specified.

Saw w/30" Fence Rip 30"R, 12"L. Size 60"L x 40"W x 41"H (w/extension). Weight 287 lbs. **Includes** 30" rail & fence kit & steel extension wing.

Stk.	Mfr.	Volts	HP	Phase	Price
486015	JPS-10TS-30	115/230	1-3/4	1	\$1,462.00

Saw w/52" Fence Rip 52"R, 12"L. Size 82"L x 40"W x 41"H (w/extension). Weight 312 lbs. **Includes** 52" rail & fence kit, 2 steel extension wings & wood extension table.

Stk.	Mfr.	Volts	HP	Phase	Price
486016	JPS-10TS-52	115/230	1-3/4	1	\$1,645.00



10" Left Tilt Contractor's Saw

DELTA

- Unique tubular stand for maximum support & stability
- Ease of mobility w/2 fixed & 1 swivel wheels

- Cast iron table top w/1 LH & 2 RH stamped steel extension wings
- Heavy-duty 1-pc. rail system for precision cuts
- Heavy-duty Biesemeyer style fence w/dual rip windows
- Brake stops blade within seconds of power being turned off
- Tool-less assembly of riving knife & anti-kickback pawls
- Tool-free split guard allows a true rise & fall riving knife w/lever on inside of throat plate
 - Large, easy access on/off switch
- Dust port size 2-1/2" hose w/4" adapter
 - Mfr.'s 5-yr. warranty

Prewired 120V.

30" Fence Max. Rip 30"R, 15"L. Table size 50"W x 27"D (w/wings). Tool size 57"W x 33"D x 44"H (w/fence). Tool weight 230 lbs.

Includes steel stand, integral dust chute, a T-Square® fence system, t-slot miter gauge, on/off switch, cast iron table, extension wings, see through blade guard with anti-kickback fingers & 10" carbide blade.

Stk.	Mfr.	Volts	Phase	Price
738906	36-5000	120/240	1	\$1,231.00

52" Fence Max. Rip 52"R, 15"L. Table size 76-1/2"W x 27"D (w/wings & extension board). Tool size 83"W x 33"D x 44"H (w/fence).

Weight 245 lbs. Includes steel stand, integral dust chute, a T-Square® fence system, t-slot miter gauge, on/off switch, cast iron table, extension wings, see through blade guard with anti-kickback fingers, 10" carbide blade, legs & wood extension table.

Stk.	Mfr.	Volts	Phase	Price
738907	36-5052	120/240	1	\$1,455.00



10" Tilting Arbor Saws Model 2000

POWERMATIC Wide stance trunnion saw with magnetic controls. Tilt scale offers easy marking and return to cutting reference. Riving knife with quick release for safer cuts.

- Stable cast iron base & trunnion provide virtually zero vibration
- Retractable casters eliminate need for mobile base
- Shrouded blade increases dust collection efficiency
- Poly V-belt drive w/longer lasting, efficient power transfer
- Micro-adjust miter gauge for quick miter angle fine tuning
- Cast iron extension wings enlarge work area
- Accu-Fence® accuracy
 - Blade w/quick & safe change arbor lock

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/8".

Positive stops 45° & 90°. Dado capacity 13/16"W.

Table w/extensions 30-1/2"L x 42"W. Size 85"L x 37"W x 34-1/2"H.

Weight 600 lbs. (saw only).

Includes magnetic controls, Accu-Fence, ext. table, poly V-belt, T-slot for heavy-duty miter gauge w/24" extension fence, R&L 8" extension wings, riving knife w/blade guard & anti-kickback pawls, 4" dust port, motor cover & pulley, enclosed stand w/retractable casters & arbor wrench.

Saws w/30" Accu-Fence Rip 30"R, 13-1/2"L

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656680	1792002K	230	3	1	Magnetic	\$3,231.00
656682	1792012K	230	5	1	Magnetic	\$4,043.00
656685	1792007K	230/460	5	3	Magnetic	\$3,231.00

Saws w/50" Accu-Fence Rip 50"R, 13-1/2"L

656681	1792000K	230	3	1	Magnetic	\$3,341.00
656683	1792010K	230	5	1	Magnetic	\$4,121.00
656684	1792005K	230/460	5	3	Magnetic	\$3,341.00

656685 & 656684 Please specify voltage. 230V will be shipped if not specified.



10" Deluxe Xacta® Tilting Arbor Saws

JET Features poly V-belt drive system for smooth operation and optimal power transfer, 30" or 50" Commercial Xacta Fence II w/T-square design, large cast iron wings (26" x 30") and 29" deep table.

- Quick-release riving knife greatly reduces binding/kickback risk
- Easy-reach, rail-mounted magnetic switch allows overload protection
- Enclosed cabinet w/built-in sealed storage drawer (12.5" x 18" x 4")
- Hinged motor cover gives quick access to motor & belts
- Deluxe miter gauge w/adj. positive stops & large soft grip handles
- Heavy-duty handwheels provide smooth trunnion/arbor movement
- L-tilt, wide-stance heavy-duty trunnion for stability, smooth blade positioning
- Fully-shrouded blade for efficient dust collection
- Precision-ground cast iron table w/front edge bevel for easy positioning
- Push-button arbor lock for rapid blade changes
 - 4" port
- Long-lasting powder-coated paint
 - Mfr.'s 5-yr. warranty

Cutting capacity: depth of cut 3", 45° bevel 2-1/8".

Rip (30" or 50" fence) 30" or 50"R, 13"L. Positive stops 45° & 90°.

Dado capacity 13/16"W. Table size 20"L (42"L w/extensions) x 29"W x 34"H.

Tool size 65"L (30" fence) or 85" (50" fence) x 36"W x 38"H.

Tool weight 490 lbs. (30" fence) or 510 lbs. (50" fence).

Includes Xacta Fence II, deluxe miter gauge, 2 cast iron extension wings, enclosed cabinet w/drawer & arbor wrench (blade sold separately).

Saws w/30" Fence

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485685	JTAS-10XL30-IDX	230	3	1	Magnetic	\$2,603.00
485687	JTAS-10XL30-5/ID	230	5	1	Magnetic	\$2,950.00

Saws w/50" Fence & Legs

485686	JTAS-10XL50-IDX	230	3	1	Magnetic	\$2,777.00
485688	JTAS-10XL50-5/ID	230	5	1	Magnetic	\$3,008.00



10" Tilting Arbor Saw

General Intl.

- Combination riving style splitter & see-through blade guard w/anti-kickback pawls
- 44" x 27" cast-iron table w/2 extension wings
- 4" port for dust collection
- Magnetic safety switch w/emergency stop button
- Rugged saw carriage w/solid cast-iron cabinet mounted trunnions
- Large motor access door for quick cleaning & easier maintenance
- Convenient arbor lock for fast one-tool blade changes
- Easy-adjust, T-fence design rip fence system
- Multi-groove V-belt drive for longer belt life & efficient power transfer

Cutting capacity: depth of cut 3", 45° bevel 2-1/8".

Rip (30" or 50" fence), 30" or 50"R, 12"L. Positive stops at 45° & 90°.

Dado capacity 13/16". Table 27"L (44"L w/extensions) x 20"W x 36-3/4"H.

Weight 371 lbs.

Includes miter gauge, 2 extension wings, T-fence w/guide rails, European riving knife, combination riving knife w/blade guard, 4" dust port, arbor wrench & stand.

Saw w/30" Fence

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420772	50-275RMI	230	3	1	Magnetic	\$2,625.00

Saw w/50" Fence, Table & Legs

420773	50-275RLKMI	230	3	1	Magnetic	\$2,783.00
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10" Unisaw

DELTA Single-cast trunnion system offers vibration control with continuous smooth operation and accuracy. Sure-Lock™ dual front cranks make adjusting blade height and bevel accurate, and repeatable.

- USA-made Marathon Motor provides added power (4,000 rpm)
- Larger table provides 15" workpiece support in front of the blade
- Large blade opening eases fine tuning riving knife & blade changes
- Push-button, I-wrench arbor lock simplifies blade changes
- Large, multi-directional, easy-access on/off switch can be activated from any angle, sturdy mounting bracket allows knee/foot operation
- Drawer stores 5 blades, 2 riving knives, arbor nut flange, split guard assembly, push stick, arbor wrench w/XL handle & throat plate
- Bi-level dust extraction uses 1 collector hose coupled w/sloping lower cabinet to navigate dust (sealed bevel gauge)
- Black-precision Biesemeyer® fence system provides hairline pointer & built-in tape for precision set-ups, cut after cut
- 9-ply fence faces w/improved tolerances & cam front lock lever provides overlock w/curved edge
- Large, cast-iron base cabinet
- Tool-free split guard w/true rise-&-fall riving knife & easier line-of-sight w/ blade & workpiece
- 5-yr. mfr.'s warranty
- USA made

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/8".

Rip (w/36" or 54" fence) 36" or 52"R, 13-1/2"L.

Positive stops 45° & 90°. Dado capacity 1-1/8"W.

Table 31"L x 42"W x 35"H x 71"L (36-L336) x 87"L (36-L52 & 36-L552).

Tool size w/wing 84"L x 42"W x 41"H. Tool weight 624-671 lbs. (shipping).

Includes Biesemeyer fence, table board & fence legs (2" x 2" x 34-1/4").

Saw w/36" Fence

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
738893	36-L336	230	3	I	Push-Button	\$2,651.00

Saw w/52" Fence

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
738892	36-L352	230	3	I	Push-Button	\$2,713.00
738891	36-L552	230	5	I	Push-Button	\$2,855.00

Mobile Base. For 36-L336.

760440	50-2000					\$339.00
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Mobile Base. For 36-L352 & 36-L552.

760441	50-257					\$363.00
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10" PM1000 Table Saws

POWERMATIC

- Conveniently located hands-free power switch
- Tool-less guard assembly w/independent side leaves is easy to use, maximizing safety
- Blade surround & collection hose provide an unobstructed path, maximizing dust collection
- Sturdy miter gauge pivots 60° to either side
- AccuFence provides rigidity & precision
- Poly V-belt drive system reduces vibration & maximizes efficiency
- Ergonomically designed 7" handwheels provide momentum making blade height & bevel adjustments easy
- Arbor lock allows for 1 handed blade changes w/minimal tools
- Cast iron work surface features a beveled edge
- 5-yr. mfr.'s warranty

Cutting capacity: depth of cut 3-1/8", 45° bevel 2-1/8".

Rip 30"R (1791000K), 52"R (1791001K). Dado capacity 13/16"W.

Table size 20" x 27". Tool size 24-1/2"L x 23"W x 34-1/4"H.

Tool weight 330 lbs.

Includes AccuFence, extension wings & miter gauge.

Prewired 115V.

Saw w/30" AccuFence

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656555	1791000K	115/230	1-3/4	I	Magnetic	\$2,268.00

Saw w/52" AccuFence **Includes** extension table & legs.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656556	1791001K	115/230	1-3/4	I	Magnetic	\$2,382.00



10" Tilting Arbor Table Saw

General Intl. Left-tilt saw features a combination riving-style splitter and see-through blade guard with antikickback pawls, plus a second European-style riving knife. Powerful 2 HP motor with multi-groove V-belt drive for longer

belt life and more efficient transfer of power.

- Large precision-ground cast iron table w/2 extension wings
- Rugged saw carriage w/solid cast iron cabinet-mounted trunnions
- Large motor access door for quick cleaning, easier maintenance
- Arbor lock provides fast 1-tool blade changes
- Sturdy, easy-adjust T-fence design rip fence system
- Large, paddle-style stop switch
- Onboard tool storage

Cutting capacity: depth of cut 3", 45° bevel 2-1/4", rip 30"R, 8"L.

Positive stops 45° & 90°. Dado capacity 13/16"W.

Table size 20"L (44" w/extensions) x 27"W x 36"H.

Tool size 20"L x 20"W x 36"H. Tool weight 321 lbs.

Includes riving-style splitter & riving knife, anti-kickback pawls, T-fence w/ guide rails, 2 cast iron table wings, trunnions, miter gauge, see-through blade guard & splitter, table insert & steel cabinet, 4" dust port & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420770	50-200RM1	115/230	2	I	Paddle	\$1,845.00

“Not sure what tool is right for your project or program?”



Dan Goodwin ext. 3104
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14" Tilting Arbor Saw Model PM3000

POWERMATIC Heavyweight performance plus multiple innovations to the table saw arena. Poly V-belt drive system has quieter, more efficient power transfer with virtually no

vibration and less heat build-up. Wide-stance trunnion and concave teeth on trunnion gears promote smooth blade raising/tilting. Easy-access controls, large stop switch.

- Quick-release riving knife greatly reduces binding/kickback risk
- Push-button arbor lock for rapid blade change
- Industrial-duty Accu-Fence® System ensures accurate cuts
- Enclosed cabinet w/wide stable footprint & sloped cabinet floor
- Heavy-duty micro-adjustable miter gauge w/aluminum extruded fence, for workpiece guidance & fine angle adjustments
- Adjustable angle indicators on the blade bevel scale for repeat cuts
- Precision-ground, high-luster cast iron table top w/front-edge bevel prevents snagging of workpiece while positioning
- 4" dust port

Cutting capacity: depth of cut 5-1/8", 45° bevel 3-1/2", rip 50"R, 14"L.

Positive stops 45° & 90°. Dado capacity 13/16"W.

Table size 26"L (48"L w/extensions) x 38"W x 35"H.

Tool size 26"L x 38"W x 35"H. Tool weight 820 lbs. (shipping).

Includes magnetic controls, 50" Accu-Fence® system, miter gauge, R & L table wings, 33" Duramine™-surfaced extension table & legs, enclosed stand, arbor wrench, motor cover & 4" dust port.

Please specify voltage. 230V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656501	1720305K	230/460	7.5	3	Magnetic	\$5,553.00



T-Square Fence & Rail System



- 14 ga. 2" x 3" welded rectangular steel, mounted to 1/4" section angle iron rail
- Attaches to Delta & most other table saws w/cast iron tables

- Laminated 9-ply birch plywood sides are durable & non-marring
- 3-point locking system w/twin hairline pointers assure fence is parallel to blade & accurate to within 1/64"
- Quick fence removal for locating on either side of blade for consistent ripping capabilities
- Mfr.'s 2-yr. warranty

Rip capacity 12" left. Fence 42"L x 2-1/2"H.

Stk.	Mfr.	Rip Capacity	Price
764522	BC30T2	30"R, 64"L Rail	\$523.00
764516	BC50T2	50"R, 84"L Rail	\$597.00



T3 Fence System



- Fence locks securely to front guide rail allowing for fence attachments
- Easy-gliding steel tube fence body to handle quick, repetitive cut-off work, precision ripping & squaring cuts

- Extruded aluminum face attaches to solid-steel angle iron & tubing for years of continuous use
- Mfr.'s 2-yr. warranty

Rip capacity 13-1/2" left. Fence 37"L x 2-1/2"H. Rail 57-1/2"L.

30"R Rip Capacity Includes fence system.

Stk.	Mfr.	Price
739231	36-T30T3	\$264.00

50"R Rip Capacity Includes fence system, extension table & legs.

Stk.	Mfr.	Price
739232	36-T50T3	\$428.00

Blade Guard & Splitter Assemblies

POWERMATIC

Stk.	Mfr.	Item	Price
660184	2250116	For 10" Saws	\$240.00
660583	2250154	For 14" Saws	\$342.00



Overarm Blade Cover System w/Dust Collection

Excalibur Unique mounting bracket pivots arm away or removes completely in sec. Easy-install & simple-use, connect to 4" dust hose.

- Heavy-duty, see-through blade cover w/spring loaded swing arm raises & lowers to suit stock thickness
- 4" main boom w/telescopic 3" inner boom
- Maximize dust collection w/any dust collector & maintain safety

Distance between blade & end of extension table 39-3/4" to 69-5/8"

Shown with saw, sold separately.

Fits most 10" Saws Blade cover dimension 3-1/8" x 17"

Stk.	Mfr.	Price
420765	50-EXBC10	\$578.00

Fits most 12"-14" Saws Blade cover dimension 3-1/8" x 20-1/8"

Stk.	Mfr.	Price
420766	50-EXBC14	\$756.00



EZ Pro Jointer Clamp Kit

General Straight-line rip crooked boards using a table saw. Attach crooked board to a piece of straight stock using jointer clamps & run the stock along the rip fence. Works in two passes. Swing arm design allows accurate ripping of wide boards with ease.

Includes 2 clamps & 4 thumb screws.

Stk.	Mfr.	Price
419635	846	\$19.00

8" Dado Head Table Insert

DELTA For Dado Head Set models 35-535, 35-560 & 35-825.

Stk.	Mfr.	Price
731597	34-264	\$60.80

Standard Replacement Table Insert

DELTA Use w/Delta Contractor's Saws, Cabinet Saws & Unisaws.

Stk.	Mfr.	Price
731319	34-154	\$57.50

Table Saw Insert Plates

POWERMATIC For Model PM2000.

Includes leveling screws.

Stk.	Mfr.	Item	Price
656675	1791786	Zero Clearance Insert	\$94.60
656676	1791788	Dado Insert	\$94.60

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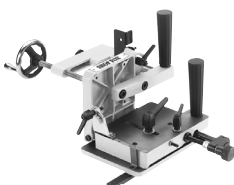
Universal Tenoning Jig

DELTA Ergonomic handles assist w/ quick-release coarse adjustments & micro adjustments to .004".

- Universal miter bar for use w/all table saws with 3/8" x 3/4" miter slots

- Adjustable 90° positive stop for accurate repetitive cuts
- 90° to 45° back stop w/adj. 90° positive stop to secure angular stock
- Multiposition control levers for convenient easy adjustment
- Better locking leverage, extra-large crank handle for fast, easy clamping
- Built-in provisions for adjustment & alignment to maintain cutting accuracy

Stk.	Mfr.	Price
731465	34-184	\$162.00



Tenoning Jig

Shop Fox Heavy cast iron construction and precision adjustment points combine to produce perfect tenons for mortise and tenon joinery. Adjusts for angled tenon cutting set-ups. Standard 3/8" x 3/4" miter bar fits all miter gauge slots including T-slots.

Stk.	Mfr.	Price
785690	D3246	\$117.00



Safety Switch Keys

DELTA Removable key & on/off switch w/key fit most Delta machines w/removable key-type toggle switches.

Stk.	Mfr.	Item	Price
766601	1343758	1-Prong Switch Key	\$5.70
766604	489105-00	On/Off Switch w/Key	\$15.90



Deluxe Miter Gauge

DELTA Heavy-duty gauge fits table saws with 3/8" x 3/4" miter grooves. Guide bar adjusts to fit miter slots w/minimum tolerances. Positive stops at all common angles.

Stk.	Mfr.	Price
736076	34-929	\$57.00



Precision Miter Gauge

Kreg Factory calibrated positive stops at 0°, 10°, 22-1/2°, 30° & 45°. Vernier scale adjusts to 1/10th degree. Brass T-slot bar w/5 adjusters eliminates bar & miter slot play. 24" aircraft-grade aluminum fence w/swing stop. Anodized finish.

Stk.	Mfr.	Item	Price
793874	KMS7102	Gauge w/24" Fence & Flipstop	\$151.00
793875	KMS7101	Gauge Only	\$129.00



Microdial Tapering Jig

Micro Jig Cut tapers with surgical precision using the intuitive Colomatch™ system. Switch quickly & easily between 2 tapers on a single workpiece.

Stk.	Mfr.	Price
534625	TJ-5000	\$143.00

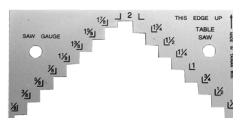


ZeroPlay Guide Bar System

Micro Jig Create perfectly square cross cut jigs without trial and error. Miter bar (9-1/2"L) that has 2 stacked half bars with opposing wedges that expand to fit the exact width of a standard miter slot for a perfect fit and smooth glide.

Includes 2 bars, 2 stops & shop build clamp plan.

Stk.	Mfr.	Price
534650	ZP9-B2S2	\$36.70



Saw Step Gauge

Robert Larson Extruded aluminum gauge gives an exact setting instantly. Makes accurate setup of table saws, radial arm saws, etc. a quick & easy process. Works w/rip fence from 1/8"-2" & 1/4"-2". Stamped, English fractional graduations front & back.

Stk.	Mfr.	Price
768882	825-3275	\$6.67

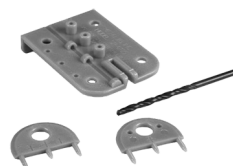


GlideCote® Lubricant

Bostik Quick, easy application eliminates hang-ups on sliding surfaces (metal, laminate & plastic). Reduces sliding friction on table saws, receiving tables, drill presses, lathes, planers, band saws, miter saws, panel saws and hand tools. Up to 30% slicker and lasts 3x longer than paste wax. Won't stain wood or interfere with glues or finishes.

CFC- & ODC-free. Meets VOC, EPA, CARB, AQMD & OTC standards.

Stk.	Mfr.	Size	Price
532811	V207501	10.75 oz.	\$20.30



MJ Table Saw Splitters

Micro Jig Affordable solution will dramatically increase saw safety. Simple design, easy installation & intended for everyday use. Cutting results are precise & virtually burn free.

1/8" Kerf MJ Splitter Use w/ 1/8" kerf saw blades. For kerf ranges between 0.122" to 0.14". **Includes** 7/16" drill bit, four #8 x 1/2" wood screws, drill guide & 2 MJ splitters.

Stk.	Mfr.	Price
534610	SP-0125	\$26.20

Thin Kerf MJ Splitter Use w/thin kerf saw blades. For kerf ranges between 0.090" to 0.118". **Includes** 5/32" drill bit, four #8 x 1/2" wood screws, drill guide & 2 MJ splitters.

Stk.	Mfr.	Price
534611	SP-0100TK	\$26.20



SteelPro Table Saw Splitters

Micro Jig 100% polycarbonate shell reinforced w/solid stainless steel foundation. Able to take the stress caused by many solid woods. Greatly reduces the chance of kickback & virtually eliminates burning. Simple to use, easy to install.

Includes 3/16" drill bit, rear adjustable drill guide base, drill guide, 4 splitters & 4 kerf keepers. **Shown w/Saw, sold separately.**

Blue 1/8" Kerf Model Designed specifically for 1/8" kerf 10" saw blades. Kerf range .118" - .145".

Stk.	Mfr.	Price
534615	SP-2	\$42.00

Orange Thin Kerf Model Designed for 10" thin kerf saw blades. Kerf range .090" - .118".

Stk.	Mfr.	Price
534616	SP-2TK	\$42.00

GRR-Ripper 3D Push Block Systems

Micro Jig GRR-Ripper provides a safe way to manually feed wood through table saws. Excels w/router work, band saw operations & jointer feeding.

Stk.	Mfr.	Price
534600	GR-100	\$61.20

Advanced GRR-Ripper Includes adjustment spacer & stabilizing plate.

Stk.	Mfr.	Price
534602	GR-200	\$81.60

**Push Blocks**

Shop Fox High-impact molded plastic w/natural rubber friction pad. Firmly grips workpiece

keeping fingers away from cutting tool. Bright, safety-orange color

Stk.	Mfr.	Item	Price
785663	W1400	Small	\$5.52
785664	W1401	Large	\$9.68

**Table Saw Safety Kit**

Shop Fox 4 essential jigs for safe table saw operation. Featherboard fits 3/8" x 3/4" miter slots. Made of high visibility yellow plastic.

Includes two push blocks, push stick & featherboard, plus combination saw & router gauge.

Stk.	Mfr.	Price
785725	D4061	\$18.50

**Push Bloc™**

Bench Dog Ideal for use on jointers, router tables & table saws. Guide workpieces w/superior control. Bench Cookie™ base material for maximum gripping strength. Rigid durable body delivers support. Rubberized, ergonomic handle.

Stk.	Mfr.	Price
235411	10-033	\$15.10

**Push Stick**

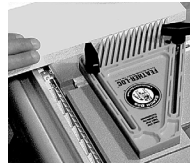
Shop Fox Keeps hands a safe distance from blades & cutters. Maintains control of the workpiece against machine fences. A necessity when running narrow stock. Durable handle offers maximum control.

Stk.	Mfr.	Price
785659	D3122	\$10.70

**Blade Changing Tool**

Bench Dog Blade-Loc® protects hands plus prevents contact between the blade and wrench. Fits all 10" table saws and blades. Helps eliminate bent blades, chipped teeth, cut fingers and scratched blade coatings.

Stk.	Mfr.	Price
235410	10-001	\$13.90

**Feather-Loc™ w/Slot Adapter**

Bench Dog Allows you to hold the stock in 1 hand & adjust featherboard tension w/the other hand. Advanced tip design ensure the tool fully contacts your workpiece without marring. The feather angle is a perfect balance of holding power & kickback resistance. Fits all standard 3/8" x 3/4" miter gauge slots. Use 1 featherboard on the table saw surface, place it before the saw blade.

Includes mounting bolts, knobs & instructions.

Stk.	Mfr.	Price
235420	10-005	\$17.60

**Tru-Flex™ Featherboard**

Kreg Prevents chattering & dangerous kickback. Provides consistent, optimum pressure. Durable plastic body. Wedge-lock system secures to a variety of shop tools w/out additional hardware.

Stk.	Mfr.	Price
793881	PRS3010	\$19.80

**Tool Saver Machine Cover**

HTC Products Helps prevent condensation from forming on workshop machines as well as keeping moisture, dust, and other elements away. Rugged cotton sheeting coated with a special plastisol allows it to breathe yet remain water resistant. Roll hem with rubberized magnets on each corner holds cover in place.

Shown w/machine, sold separately.

Stk.	Mfr.	Size	Price
476512	TS-9056	36" x 56"	\$28.80
476513	TS-9072	56" x 72"	\$46.80
476514	TS-9112	72" x 112"	\$65.00

JOINTERS**6" Midi-Bench Jointer****DELTA**

- Durable cast iron construction provides stability & reduces vibration
- Precision-machining of the table & fence ensures long term accuracy
- Aluminum cutterhead w/2 knives

- Simple jackscrew arrangement offers easy adjustment when changing knives
- Built-in dust blower ejects chips efficiently & virtually eliminates clogged dust chutes

Cutterhead: 1-7/8" dia., 10,000 rpm. 2 HSS knives. 20,000 cpm.

Cutting capacity 6"W x 1/8"D. Positive stops +/-45° & 90°.

Fence 4-5/16"H x 22-7/8"L, tilt 45° & 90° in/out.

Table size 28-1/2"L x 6-1/4"W x 12-1/4"H.

Tool size 28-1/2"L x 17"W x 12-1/4"H. Tool weight 76 lbs.

Includes 2 push blocks.

Stk.	Mfr.	Volts	Phase	Controls	Price
738973	37-071	120	1	Push-button	\$419.00

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6" Jointers

POWERMATIC Powerful jointer with 3-knife cutterhead. Features 66" oversized adjustable infeed and outfeed table mounted on dove-tailed ways. The 2-way tilting fence is equipped with 90° and 45° positive stops.

- Spring-loaded front guard & fixed rear guard
- Conveniently-mounted center fence controls
- 3 Auto-Set knives automatically align in standard cutterhead
- 38" extra-long, 2-way tilting fence w/positive stops provides quick positioning for 90° or bevel cuts
- Fine/quick adjustment lever on infeed table for precision-controlled depth-of-cut
- Rabbeting ledge is built into the tables
- Enlarged sheet metal steel stand
- 5-yr. mfr.'s warranty

Cutterhead: 2-1/2" dia. 6,000 rpm. Standard 3 HSS knives, 13,500 cpm. Helical forty 4-sided knife inserts. Cutting capacity 6"W x 1/2"D. Rabbeting depth 1/2". Positive stops +/-45° & 90°. Fence 4"H x 38"L, tilt 45° in/out. Table size 66"L x 7-1/4"W x 31-1/2"H. In & outfeed table 66"L. Tool size 66"L x 24"W x 37-1/2"H. Weight 328 lbs.

Includes 3-knife cutterhead w/guard (1791279DXK) or helical cutterhead (1791317K), 2-way tilting fence, stand & 4" dia. dust port.

Please specify voltage. 115V will be shipped if not specified.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656640	1791279DXK	115/230	1	1	Push-button	\$1,200.00

Helical Cutterhead

656669	1791317K	115/230	1	1	Push-button	\$1,680.00
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6" Deluxe Jointers

General Intl. Heavy-duty, 3-knife cutterhead for clean, fast, superior finish cuts. Large, heavy-duty, center-mounted cast iron fence features 45° and 90° positive stops.

- 55-1/4" surface-ground cast iron tables add stability & support

- Jackscrew system for quick, easy knife adjustment
- Independent infeed & outfeed table adjustment handwheels
- Large paddle-style stop switch
- Built-in rabbeting ledge
- 2 paddle-style push blocks w/on-board storage
- 4" dust port
- CSA Approved

Cutterhead: 2-1/2" dia., 4,800 rpm. Standard 3 HSS knives. 14,400 cpm. Helical 16 carbide 4-side knife inserts. Cutting capacity 6"W x 1/2"D. Rabbeting depth 1/2". Positive stops +/-45° & 90°. Fence 4"H x 29"L, tilt 45° in/out. Table size 55-1/4"L x 7-1/4"W x 30"H. In & outfeed table 55-1/4"L. Tool size 14"L x 24"W x 37"H. Tool weight 249 lbs.

Includes 3-knife cutterhead w/guard (80-100LM1) or helical cutterhead (80-100LHCM1), push blocks, 2-way tilting fence, enclosed stand, 4" dust port & manual.

Please specify voltage. 110V will be shipped if not specified.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420810	80-100LM1	110/220	1	1	Paddle	\$1,357.00

Helical Cutterhead

420811	80-100LHCM1	110/220	1	1	Paddle	\$1,890.00
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6" Long Bed Jointer

JET Jointer offers powerful 1 HP, TEFC motors, spring-loaded front guards and fixed rear guards, industrial push-button controls and large cast iron tables with precision-machined finish.

- 3 high-speed steel quick change knives provide rapid cutting, a superior finish & eliminates the need for a knife setting gauge

- Extra-long heavy-duty cast iron infeed & outfeed tables w/precision machined finish
- Built-in rabbeting ledge adds versatility
- 2-way tilting fence with positive stops at 45° & 90° to handle bevel operations
- Exclusive front-mounted table adjustment handwheels make quick, easy & accurate corrections
- Industrial push-button controls are conveniently placed for easy access
- Built-in dust chute w/4" port
- Center fence controls are conveniently mounted to allow quick adjustments
- Powerful 1 HP motor easily handles the toughest jointing tasks
- Heavy-duty, 1-piece steel closed stand includes mounting tabs for increased stability

Cutterhead: 2-7/16" dia., 6,000 rpm. Standard 3 HSS knives. 14,400 cpm. Cutting capacity 6-1/16"W x 1/2"D. Rabbeting depth 1/2". Positive stops 45°R, 90° in/out. Fence 3-7/8"H x 32-3/4"L, tilt 45° in/out. Table size 56"L x 7-3/8"W x 31-1/4"H. Tool weight 237 lbs.

Includes quick change knives, 2-way tilting fence, heavy-duty 1-piece enclosed steel stand w/mounting tabs & 4" dust port.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485984	JJ-6CSDX	115/230	1	1	Push-button	\$1,080.00

Standard Universal Mobile Base 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

486113	JMB-UMB					\$114.00
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8" Jointers

JET Heavy-duty 3-knife cutterhead (JJ-8CS) or helical cutterhead (JJ-8HH) produce superior finishes. TEFC motor. Large cast iron table with precision-machined finish and large adjustment handwheel with locking knob ensure accuracy.

- Center-mounted, 2-way tilt cast iron fence w/45° & 90° positive stops & easy-reach, quick-adjust controls
- Dovetailed table ways allow adjustment for continued accuracy (JJ-8CS)
- Rabbeting ledge is built into the table for versatility (JJ-8CS)
- Infeed & outfeed tables easily adjusted w/handwheel
- High- or low-mount paddle on/off switch (JJ-8HH)
- 5-yr. mfr.'s warranty

Cutterhead: 3-3/8" dia., 5,500 rpm. 3 HSS knives, 16,500 cpm. Helical forty 4-sided knife inserts. Cutting capacity 8"W x 1/2"D. Rabbeting depth 1/2". Positive stops 90°, 45°. Fence 4"H x 38-1/2"L, tilt 45° in/out. Table size 66-1/2"L x 9"H. Tool size 66-1/2"L x 23-1/2"W x 42"H. Tool weight 398 lbs.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485886	JJ-8CS	230	2	1	Magnetic	\$1,740.00

Helical Cutterhead

486012	JJ-8HH	230	2	1	Push-button	\$2,198.00
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8" Deluxe Jointers

General Intl. Heavy-duty, 3-knife cutterhead for clean, fast, superior finish cuts. Motor mounted on vibro-eliminators for smooth, quiet operation. Large, heavy-duty, center-mounted cast iron fence

features 45°, 90° and 135° positive stops.

- Convenient front-to-back fence adjustment handwheel
- 72" surface-ground cast iron tables add stability & support
- Jackscrew system for quick, easy knife adjustment
- Independent infeed & outfeed table adjustment handwheels
- 2 hand-paddle push blocks w/on-board storage
- Magnetic switch for added safety
- Built-in rabbeting ledge
- 4" dust port
- CSA Approved

Cutterhead: 3" dia., 5,500 rpm. Standard 3 HSS knives, 16,500 cpm.

Helical forty 4-sided knife inserts. Cutting capacity 8"W x 1/2"D.

Rabbeting depth 1/2". Positive stops +/-45°, 90° & 135°.

Fence 4"H x 38"L, tilt 45° & 135° in/out. Table 74-1/4"L x 9-1/4"W x 31"H.

In & outfeed table 72"L. Tool size 17"L x 29"W x 35"H. Weight 572 lbs.

Includes 3-knife cutterhead w/guard (80-200LM1, 80-200CM2) or helical cutterhead (80-200LHCM1, 80-200LHCM2), push blocks, 3-way tilting fence, enclosed stand, 4" dust port & manual.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420812	80-200LM1	220	2	1	Magnetic	\$2,639.00
420814	80-200LM2	220	2	3	Magnetic	\$2,639.00

Helical Cutterhead

420813	80-200LHCM1	220	2	1	Magnetic	\$3,401.00
420815	80-200LHCM2	220	2	3	Magnetic	\$3,401.00



8" Jointers Model 60

POWERMATIC Accurate, user-friendly jointer with infeed table lever to rapidly position table height and handle rotation for fine-adjustment of cut depth. Worm gear system smoothly tilts fence using a simple handwheel.

- 73"L tables, mounted on dovetailed ways, give more workpiece support
- Convenient, high-mount operating switch
- Magnetic push blocks can be stored on the machine
- Non-mar fence insert protects table surface
- Large extension rest on infeed table for rabbeting

Cutterhead: 3" dia. 7,000 rpm. Standard 3 HSS knives, 21,000 cpm.

Helical forty 4-sided knife inserts. Cutting capacity 8"W x 1/2"D.

Rabbeting depth 1/2". Positive stops +/-45° & 90°.

Fence 4-3/4"H x 38"L, tilt 45° in/out. Table size 73"L x 8-1/2"W x 32"H.

Infeed table 35-1/4"L, outfeed table 35-1/2"L.

Tool size 73"L x 25"W x 46"H. Tool weight 490 lbs.

Includes 3-knife cutterhead w/guard or helical cutterhead, 2-way tilting fence, stand, 4" dia. dust port & 2 push blocks.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
655249	1610084K	230	2	1	Push-Button	\$2,198.00

Helical Cutterhead

655251	1610086K	230	2	1	Push-Button	\$2,545.00
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Mobile Base. For 60C & 60HH jointers.

658407	2042376					\$296.00
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8" Jointers Model PJ882

POWERMATIC Powerful 3 or 2 HP parallelogram jointers offer extra-long bed length, plus an innovative fence that allows you to turn the handwheel that tilts the fence in and out with positive stops at +/-45° and 90°.

- Non-mar fence insert contacts the table for scratch-free adjustments
- Parallelogram design keeps table close to cutterhead for improved finish, fast depth-of-cut adjustments & keeps table perfectly parallel
- 1/8" depth limiter control knob for safe, quick adjustments - a twist of a knob disables feature
- Controlled chip 3-knife cutterhead delivers safe, smooth cuts
- Heavily constructed steel stand

Cutterhead: 3-1/16" dia., 7,000 rpm. 3 HSS knives, 21,000 cpm.

Helical forty 4-sided knife inserts. Cutting capacity 8"W x 1/2"D.

Rabbeting depth 1/2". Positive stops +/-45° & 90°.

Fence 4-3/4"H x 38-3/16"L, tilt 45° in/out.

Table size 83"L x 8"W x 31-5/16"H. Tool weight 732 lbs.

Includes 3-knife cutterhead w/guard or helical cutterhead, 2-way tilting fence, stand, 4" dia. dust port & 2 push blocks.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
655244	1610079	230	2	1	Magnetic	\$2,545.00

Helical Cutterhead

655247	1610082	230	2	1	Magnetic	\$3,470.00
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Mobile Base. For PJ882 & PJ882HH jointers.

655241	1610078					\$334.00
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8" Parallelogram Jointer

General Intl. Magnum helical cutterhead has 5,000 rpm power. Precision 4-point parallelogram table adjustment system allows for easy parallel alignment of infeed and outfeed table both to the cutterhead and each other.

- Large, ground cast iron tables for stability & support of longer stock
- Large, heavy-duty center-mounted cast iron fence w/45°, 90° & 135° positive stops
- Independent infeed & outfeed table height adjustment handwheels
- Heavy-duty enclosed base stand for maximum stability
- High-mount, easy-reach magnetic safety switch
- Easy-access, front-to-back fence adjustment handwheel
- CSA Approved

Cutterhead: 3" dia., 5,000 rpm. Helical 22 carbide 2-sided knife inserts.

Cutting capacity 8"W x 1/2"D. Rabbeting depth 1/2".

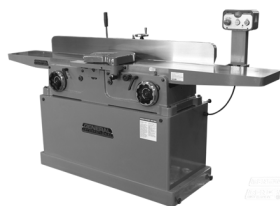
Positive stops 45°, 90°, 135°. Fence 4-1/2"H x 38-1/2"L.

Table size 82-7/8"L x 8-1/16"W x 31"H.

Tool size 43-1/2"L x 16"W x 42-1/2"H. Tool weight 592 lbs.

Includes helical cutterhead w/front & rear guards, tilting fence, steel stand, 4" dia. dust port, 2 hand-paddle push blocks w/on-board storage, knife-setting gauge & wrenches.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420820	80-225HCM1	220	3	1	Magnetic	\$4,508.00



12" Parallelogram Jointers

General Intl.

- Heavy-duty, 3-knife cutter head for clean, fast, superior finish cuts
- Large surface, ground cast-iron tables for stability & added support when feeding longer stock

- Large, heavy-duty center mounted cast-iron fence with 45°, 90° & 135° positive stops
- Independent in-feed & out-feed table height adjustment hand wheels
- Smooth, hand wheel controlled heavy duty rack & pinion fence positioning
- Heavy-duty closed base steel stand w/built-in wheels
- Magnetic safety switch mounted above the in-feed table for easy access
- 6" dust collection outlet included
- 2 hand-paddle style push blocks included

• CSA Approved

Cutterhead 5,500 rpm. Standard 3 single knives. Helical 2-sided inserts. Cutting capacity 12"W x 3/4"D. Positive stops 45°, 90°, 135°. Fence size 60"L x 5-3/8"W. Table size 87-3/4"L x 12"W x 34-1/2"H. Tool size 50-1/2"L x 21-1/2"W. Tool weight 979 lbs.

Includes 6" dust chute, 2 push blocks & manual.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420825	80-325MI	220	5	I	Magnetic	\$6,006.00

Helical Cutterhead

420826	80-325HCM1	220	5	I	Magnetic	\$6,962.00
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12" Jointers Model 1285

POWERMATIC

Large center-mounted fence assembly adjusts easily via rack and pinion system with ram lock. Preset stops on the fence body allow for fast angle set-up at 45° in and out, and a positive stop for perfect 90°

angles. Parallelogram design keeps the table in close proximity to the cutterhead for improved finish and allows for a fast depth of cut adjustment. Design also ensures the tables remain perfectly parallel even after years of use.

- Rack & pinion adjustable cast iron fence assembly for smooth fence positioning w/out play
- Table "lips" on both sides of cutterhead aid in noise reduction
- Full size rabbeting ledge supports large workpieces for rabbets up to 3/4" deep

• 1-yr. mfr.'s warranty

Standard Cutterhead: 5,000 rpm. 3 single knives (1791241).

Helical Cutterhead: 15,000 cpm.

46 two-sided inserts including 2 rabbeting inserts (1791307 & 1791308).

Cutting capacity 11-3/4"W x 3/4"D.

Rabbeting depth 3/4". Positive stops 90° & 45° in/out.

Fence 5-1/2" x 47"L, tilt 45° in/out. Table size 84"L x 12"W. Weight 762 lbs.

Includes dust port, cutterhead guard, heavy-duty fence, push blocks & tool kit.

Standard Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656614	1791241	230	1	3	Push-button	\$5,600.00

Helical Cutterhead

656665	1791307	230	1	3	Push-button	\$7,161.00
656666	1791308	230/460	1	3	Push-button	\$7,161.00

656666|Please specify voltage. 230V will be shipped if not specified.



16" Jointer Model PJ1696

POWERMATIC

Powerful 7-1/2 HP motor, big capacity and performance, plus large center-mounted fence assembly adjusts easily via rack and pinion system with ram lock.

- Center-mounted cast iron fence supports large stock at any angle
- Helical cutterhead w/4-sided insert tooling consists of 6 rows of staggered 14mm insert precision-ground on 4 sides, quick change w/no need for adjustments & quiet operating
- Full size rabbeting table for large workpieces & 3/4" deep cuts
- Parallelogram construction for fast set up, maintains tables in parallel plane & provides improved finish

Cutterhead: 4.5" dia., 5,200 rpm. Helical 105 HSS 4-sided inserts.

Cutting capacity 16"W x 3/4"D. Rabbeting depth 3/4".

Positive stops 90° & 45° in/out. Fence 5-1/4"H x 47-1/4"L, tilt 45° in/out.

Table size 96"L x 16"W x 37-1/2"H. Tool size 96"L x 46"W x 43"H.

Weight 1,160 lbs. (shipping).

Includes cutterhead inserts, cutterhead guard & 6" dia. dust connection.

Please specify voltage. 230V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656648	1791283	230/460	7.5	3	Magnetic	\$9,113.00

Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.



Stk.	Mfr.	Price
785618	D2056	\$62.90

Tool Table & Universal Stand

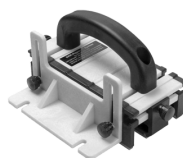
Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top. Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.



Stk.	Mfr.	Price
785720	D3640	\$103.00

GRR-Ripper 3D Push Block Systems

Micro Jig GRR-Ripper provides a safe way to manually feed wood through table saws. Excels w/router work, band saw operations & jointer feeding.



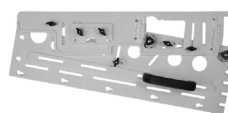
Stk.	Mfr.	Price
534600	GR-100	\$61.20

Advanced GRR-Ripper **Includes** adjustment spacer & stabilizing plate.

534602	GR-200	\$81.60
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Microdial Tapering Jig

Micro Jig Cut tapers with surgical precision using the intuitive Colormatch™ system. Switch quickly & easily between 2 tapers on a single workpiece.



Stk.	Mfr.	Price
534625	TJ-5000	\$143.00



Push Blocks

Shop Fox High-impact molded plastic w/natural rubber friction pad. Firmly grips workpiece keeping fingers away from cutting tool. Bright, safety-orange color

Stk.	Mfr.	Item	Price
785663	W1400	Small	\$5.52
785664	W1401	Large	\$9.68



Push Stick

Shop Fox Keeps hands a safe distance from blades & cutters. Maintains control of the workpiece against machine fences. A necessity when running narrow stock. Durable handle offers maximum control.

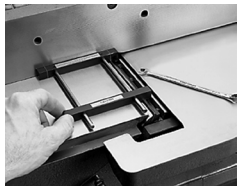
Stk.	Mfr.	Price
785659	D3122	\$10.70



Jointer Dust Hoods

Shop Fox Fits most jointers. 3/32" T, 4" O.D., 3/4" W flange.

Stk.	Mfr.	Fits	Price
786715	W1001	6.5" x 6.5" chute	\$3.22
786716	W1002	7" x 8.5" chute	\$3.92



Pal Magnetic Jointer Knife Setting Jig

Woodstock Set jointer knives in perfect alignment every time. Shift nicked knives for perfect cut to $\pm .001$ accuracy. Use the steel bodied jig on jointers w/HSS knives. For 4" & 8" jointers.

Stk.	Mfr.	Price
786820	W1211A	\$35.00

Jointer Knives



DJ-series jointers. HSS. Case hardened.

Stk.	Mfr.	Fits	Price
739000	37-155	Delta 6" jointer	\$109.00
739310	37-355	Delta 8" jointer	\$60.80

6" VS bench jointer. HSS. Case hardened.

Stk.	Mfr.	Fits	Price
738993	37-072	Delta 6" jointer	\$28.90

JJ series jointers. HSS. Case hardened.

Stk.	Mfr.	Fits	Price
485842	JJ6-K	JET 6" jointers, J-60S, JJ-6CS & Powermatic 6" jointer, 54	\$128.00
485985	J6-KQC	JET 6" jointer, JJ-6CSDX	\$107.00
485887	JJ8-K	JET 8" jointer, JJ-8CS	\$108.00

HSS, heat-treated M-2 tool jointers.

Stk.	Mfr.	Fits	Price
677068	6427001	Powermatic 6" jointer, 50	\$106.00
677135	6296046	Powermatic 8" jointer 60, 60A, 60B	\$120.00

JOINTER/PLANERS



8" Portable Jointer/Planer

J E T 2-in-1 bench top machine maximizes space in small shop or at the jobsite. Heavy-duty 13 amp motor for various cutting applications.

- Oversized, ergonomic knobs provide ease of use & maximum control

- Large aluminum extruded fence makes joining stable & precise
- Planing & joining tables lock to ensure precision cutting
- Precision-machined table top ensures a smooth, straight cut
- Integrated cord wrap for easy transport & workshop safety
- Sheet metal outfeed table w/height adjustment supports long work pieces & helps reduce snipe
- 3-yr. mfr.'s warranty

2 HSS knives 8-1/4"L x .65"W x .06"T. 18,000 cpm. 9,000 rpm.

Capacity: (jointer) 8"W x 1/8"D. Positive stops 1° & 90° in/out.

Fence 4-1/8" x 21"L, tilt 45° in/out. (planer) 4.92"W x .20"T.

Depth of cut .08". Feed rate 19.5 fpm.

Table size: (jointer) 29"L x 8-1/4"W,

(planer w/outfeed tbl.) 17-3/4"L x 8-1/2"W.

Tool size 33.5"L x 18.1"W x 16.8"H. Tool weight 58.4 lbs.

Includes 2-knife cutterhead w/guard, fence, outfeed table, 4" dia. dust port.

Stk.	Mfr.	Volts	Amps	Phase	Controls	Price
486108	JJP-8BT	115	13	1	Manual	\$477.00



10" Portable Jointer/Planer

J E T Rigid steel stand allows 2-in-1 machine to transition from bench top to floor. Features usually only found on big floor models including precision adjustment knobs, telescoping blade guard and large dust port.

- Heavy-duty 13 amp motor for various cutting applications

- Oversized, ergonomic knobs provide ease of use & maximum control
- Large aluminum extruded fence makes joining stable & precise
- Planing & joining tables lock to ensure precision cutting
- Precision ground table top ensures a smooth, straight cut
- Integrated cord wrap for easy transport & workshop safety
- Sheet metal outfeed table w/height adjustment supports long workpieces & helps reduce snipe
- 3-yr. mfr.'s warranty

2 HSS knives 10"L x .65"W x .06"T. 18,000 cpm. 9,000 rpm.

Capacity: (jointer) 10"W x 1/8"D. Positive stops 1° & 90° in/out.

Fence 4-7/8" x 25"L, tilt 45° in/out.

(planer) 4.72"W x .20"T. Depth of cut .08". Feed rate 19.5 fpm.

Table size: (jointer) 36"L x 10-1/4"W, (planer w/outfeed tbl.) 19-3/4"L x 10-1/2"W.

Tool size 40.4"L x 20"W x 17"H. Tool weight 73.9 lbs.

Includes 2-knife cutterhead w/guard, fence, outfeed table, steel stand, 4" dia. dust port & 2 push blocks.

Stk.	Mfr.	Volts	Amps	Phase	Controls	Price
486109	JJP-10BTOS	115	13	1	Manual	\$621.00

PLANERS



12-1/2" Portable Planer

DEWALT Powerful 15 amp, 10,000 rpm motor handles larger, deeper cuts in hardwood. Disposable, reversible knives deliver 30% more knife life and make knife change fast and easy.

- Extra-long infeed/outfeed tables for more support
- 4-column carriage lock minimizes snipe
- Turret depth stop for quick, easy return to frequently used depths
- 3 knife cutterhead provides 96 cpi
- Material removal gauge & thickness scale deliver accurate cuts
- 1-yr. mfr.'s warranty

3 disposable, reversible knives. 1-7/8" triangular cutterhead. 96 cpi. 10,000 rpm. Capacity: 12-1/2"W x 6" thick. Depth of cut 1/8". Unbutted stock 12" min. Feed rate 26 fpm. Feed roll 1.5" dia. Table size 33-1/2"L x 12-1/2"W. Tool size 21-1/2"L x 13"W x 17-1/4"H. Tool weight 80 lbs.

Includes dust hood & manual.

Stk.	Mfr.	Volts	Amps	Controls	Price
243074	DW734	120	15	Manual	\$510.00



13" Planer/Molder

JET Closed stand planer/molder boasts a 1.5 HP motor. Cast iron table and base provide strength and reduced vibration. The 3-cutter head design produces a superior finish. Built-in lockable casters add support and stability to the machine while allowing it to be maneuverable.

- 4 precision-ground column design adds stability when raising & lowering table
- 2-speed gear box has feed rates set for optimum planing & molding
- Molding cutter head accommodates over 40 standard molding cutter sets; most 2" or smaller heads can be installed without removing the planing knives
- Infeed & outfeed rollers are adjustable & rubber-coated to support workpiece without marring wood
- Top-mounted height adjustment handle
- Totally enclosed fan-cooled 1-1/2 HP motor uses two matched V-belts to deliver smooth, consistent power to the cutter head
- Angled 4" dust port keeps dust hose out of the way

3 knives, 13,500 cpm. Cutterhead: 2-9/16" dia. 4,500 rpm. Capacity: 13"W x 6-1/8" thick. Depth of cut 1/16". Unbutted stock 14". Feed rate 20 fpm (planing), 10 fpm (molding). Tool size 23-31/32"L x 36-1/2"W x 43-1/2"H. Tool weight 225 lbs.

Prewired 115V.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486054	JPM-13CS	115/230	1.5	1	Push-button	\$1,368.00

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



13" Planer

DELTA

- 4-column design provides excellent stability for smooth, accurate planing
- Quick change knife system
- Adjustable infeed & outfeed tables support long pieces
- Reversible dust port collects chips from the right or left side
- 2 polyurethane feed rollers for a no-slip grip on the workpiece; positioned close to cutterhead to improve workpiece finish
- Precision machined steel cutterhead for endurance & accuracy
- Stainless steel bed reduces friction & improves motor efficiency
- Overload button protects motor from overheat damage
- 5-yr. mfr.'s warranty

2 double-edge & reversible knives. 18,800 cpm. Capacity: 13"W x 6" thick. Depth of cut 3/32". Unbutted stock 13" min. Feed rate 28' fpm. Tool size 21-5/8"W x 23-5/8"W x 20-1/8"H. Tool weight 58 lbs.

Includes dust port, knife installation tool & wrench.

Stk.	Mfr.	Volts	Phase	Controls	Price
710595	22-555	120	1	Manual	\$419.00



13" Helical Head Planer

Rikon Planer features a 6 row helical-style cutterhead and 26 HSS insert cutters. Each indexable knife insert is precision sharpened on 2 edges and can be easily changed/rotated. The alternating cutter pattern in the cutterhead is

super-efficient, and produces a smooth cut surface.

Planer features a threaded 4-post housing for extra head stability when running, side handle for quick table height adjustments, repeat cut setting lever and side carry handles.

- Rubber feed rollers for non-slip traction w/o leaving damage marks
- Planer tables easily adjust in height w/large control handles
- Steel extension tables aid in stock feeding & limiting snipe
- Efficient dust hood & dual 4" or 2-1/2" ports effectively remove chips when planing
- Flat top or rollers for safe moving of lumber from outfeed back to infeed side
- Front located on/off switches for extra safe machine shut downs
- Mfr.'s 5-yr. warranty

26 indexable HSS 2-sided inserts. 2" dia. helical cutterhead. 10,000 rpm. Capacity 13"W x 6" thick. Depth of cut 1/8". Unbutted stock 7"L. Table size 26-1/4"W x 34-1/4"D x 17-5/16"H. Tool weight 73 lbs.

Includes HSS insert knives, 2 extension tables, tools & holders for adjustments & blade changes.

Stk.	Mfr.	Volts	Phase	Controls	Price
694157	25-130H	115	1	Manual	\$746.00

“ Would you like to schedule a call or meeting? ”

Kevin Luft ext. 3105
kluft@midwesttechnology.com





13" Portable Planer

DEWALT Powerful 15 amp, 20,000 rpm motor handles larger cuts in wider materials with ease. 3-knife cutterhead delivers 30% longer knife life and makes knife change faster and easier.

- 2-speed gear box allows users to change feed speed to optimizing cuts per inch at 96 or 179 cpi
- Fan-assisted chip ejection vacuums chips off the cutterhead & exhausts them out of the machine
- 19-3/4" cast aluminum base is 2x more rigid than a standard 10" base & folding tables
- Automatic carriage lock reduces the movement that causes snipe w/out the need for manual engagement by the user
- Material removal gauge & extra-large thickness scale deliver accurate cuts w/every pass
- Extra-large turret depth stop allows users to return to most frequently used thicknesses w/ease

3 double-edge & reversible knives. 30,000 cpm. 20,000 rpm. Capacity: 13"W x 6" thick. Depth of cut 1/8". Unbutted stock 12" min. Feed rate 14' & 26' fpm. Table size 15"L x 30"W w/extensions. Tool size 22-1/2"L x 19-1/2"W x 13-1/2"H. Tool weight 92 lbs.

Includes 3-knife cutterhead, dust hose adapter, dust ejection chute.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
243071	DW735	115	2.3	1	Manual	\$700.00



13" Portable Planer w/Helical Head

General Intl. Powerful 2 HP, 15 amp motor includes thermal overload protection for long life and low maintenance. Helical cutterhead's 4 threaded support posts ensure head stability and minimize workpiece snipe. Top-mounted rollers make multiple passes easier.

- Easy-read thickness indicator w/graduated scale in inches & metric
- Depth-of-cut indicator & large depth-of-cut adjustment handle
- Front & rear extension tables fold down for easy stock feeding
- Pre-set depth stops at 1/8", 1/4", 1/2" & 3/4"
- Inset lifting handles
- Keyed safety on/off switch
- CSA Approved

26 indexable HSS 2-sided inserts. 1.9" dia. helical cutterhead. 9,700 rpm. Unbutted stock 5" min. Feed rate 26 fpm. Capacity: 13"W x 6" thick. Depth of cut 1/16". Table size 28-5/8"L x 13"W w/extensions. Tool weight 64 lbs.

Includes switch w/removable key, helical cutterhead, 2 wrenches (*Torx®* & *Allen*), 2-1/2" & 4" dust port & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420710	30-005HCM1	120	2	1	Manual	\$1,069.00



15" Floor Model Planer

JET Powerful 3 HP TEFC motor, 3 V-belt delivers full power with magnetic switch. Table adjusts quickly and accurately with a handwheel through a positive gear drive system.

- Strong cast iron & steel construction
- Cutterhead features jackscrews w/springs for easy, accurate knife adjustments
- Steel feed rollers, serrated infeed & smoother outfeed, allow for 1/8" depth of cut
- Gearbox w/automatic chain tensioner
- Angled 4" dust port keeps dust hose from work area
- Locks secure table while machine is in use
- Set of 3 infeed & outfeed rollers support workpiece
- 1-piece steel stand w/lockable casters using a quick-lock foot pedal
- 2 steel work return rollers on top of the machine to make transferring your work back easier
- Quick-change knives

3 HSS knives, 2-7/8" dia. cutterhead. 13,500 cpm. 4,500 rpm. Capacity: 14-7/8"W x 6" thick. Depth of cut 1/8" to 3/16". Unbutted stock 8". Feed rate 16 & 20 fpm. Table size 15"L x 48"W (w/extensions). Tool size 28"L x 48"W x 43-1/2"H. Tool weight 475 lbs.

Includes enclosed steel stand, dust hood, hand wheel, handle, 2 magnet tools, 7 wrenches (*T-handle*, 3 *open-end* & 4 *hex*), 3 fasteners pkgs., 2 extension tables & 3 knives.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485691	JWP-15DX	230	3	1	Magnetic	\$2,340.00



15" Planers

General Intl. Powerful 2-speed, 3 HP motor with magnetic switch. Heavy-duty cast iron frame reduces vibration for precise planing.

- Equipped w/anti-kickback fingers
 - Large cast iron extension wings
 - Magnetic safety switch for added safety
 - Heavy-duty enclosed stand provides a stable workstation
 - 4-post design provides stability keeping table aligned w/cutterhead
 - Base w/4 lockable wheels
 - 4" dust port
 - CSA Approved
- Cutterhead: 2-7/8" dia. 5,000 rpm. Spiral 3 HSS knives, 15,000 cpm. Helical 42 indexable carbide 4-sided knife inserts. Capacity: 15"W x 6" thick. Depth of cut 1/8". Unbutted stock 6-1/2". Feed rate 16 & 20 fpm. Table size 15"L x 47-3/4"W (w/extensions). Tool size (base) 21-1/2"L x 21"W x 48"H. Tool weight 587 lbs.
- Includes** 3-knife spiral cutterhead (30-115M1) or helical cutterhead (30-115HCM1), magnetic safety switch, knife-setting gauge, anti-kickback fingers, extension wings, 4 rubber leveling feet, enclosed stand w/4 lockable wheels, 4" dust port & manual.

Spiral Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420715	30-115M1	220	3	1	Magnetic	\$2,639.00

Helical Cutterhead

420716	30-115HCM1	220	3	1	Magnetic	\$3,920.00
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15" Deluxe Floor Model Planer

POWERMATIC Helical cutterhead provides smoother cutting and a finer finish than conventional knives, and the 74 four-sided indexable carbide knife inserts do not require adjustment after installing. 3 V-belts transfer maximum power from the 3HP motor to the cutterhead. Your workpiece will get substantial support from the precision ground cast iron table and two large extension wings. The serrated steel infeed and smooth steel outfeed

roller allow for 1/8" maximum depth of cut and trouble-free operation

- Large cast iron handwheel positions table quickly & easily
- Two speed gearbox features automatic chain tensioner
- One-piece welded steel stand has built-in lockable casters
- Steel top-mounted return rollers speed repetitive cuts
- Angled dust chute with 4" port positions collection hose away from the work area while providing efficient chip & dust collection
- Table locks firmly in place, preventing movement during cutting
- 5-yr. mfr.'s warranty

Cutterhead: 2-7/8" dia. 4,500 rpm. Helical 74 carbide 4-sided knife inserts. Capacity: 14-7/8"W x 6" thick. Depth of cut 1/8" to 1/4".

Unbutted stock 8" min. Feed rate 16 & 20 fpm.

Table size 48"L (w/extensions) x 15"W.

Tool size 28"L x 48"W x 43-1/2"H. Tool weight 502 lbs.

Includes enclosed stand w/lockable casters, extension tables, digital read-out (inch/metric) & dust hood.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656603	1791213	230	3	1	Magnetic	\$3,470.00



16" Planer

JET Powerful 3 HP, 3 V-belt TEFC motor delivers full power with magnetic switch. 2-speed gearbox with automatic chain tensioner allows adjustment of feed rate to meet your needs. Surge infeed and outfeed rollers provide maximum workpiece support while planing.

- Strong cast iron & steel construction
- Table stays level to attach longer rollers
- Adjustable bed rollers

- Large cast iron easy-adjust handwheel
- Heavy-duty steel wide base stand w/casting pads provides stability
- Angled dust port keeps hose out of the way
- Cutterhead locks firmly in place during use
- 5-yr. mfr.'s warranty

3 HSS knives, 16-1/8" x 1" x 1/8", 2-7/8" dia. cutterhead. 13,500 cpm.

4,500 rpm. Capacity: 16"W x 6" thick. Depth of cut 1/8".

Unbutted stock 8". Feed rate 16 & 20 fpm. Feed rolls 2-3/4" dia.

Table size 22"L x 16"W. Tool size 32"L x 48"W x 51"H. Weight 396 lbs.

Includes infeed & outfeed rollers, cutterhead w/3 knives, extension rollers, knife setting gauge, 4" dust port & stand.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485768	JWP-16OS	230	3	1	Magnetic	\$1,799.00

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20" Floor Model Planers Model 209

POWERMATIC Powerful 5 HP motor handles production-level work. Helical cutterhead with 132 four-sided knife inserts produce a superior finish with a much quieter operation. Inserts are installed without further adjustments. Solid cast iron base, table and head. Anti-kickback fingers and pressure bar are located close to the cutterhead for an exceptional finish.

- 2-speed oil bath gearbox transmits full power to feed rollers & facilitates fast speed changes at 24 & 31 fpm
- Corrugated infeed & fine groove outfeed rollers ensure a smooth feed
- Precision-ground & polished cast iron table rides on 4 steel columns
- Enclosed base cabinet w/integrated casters
- Large cast iron table & extensions ensure a flat, smooth cut
- Feed rollers & cutterhead supported by full cast iron head assembly

Cutterhead: 3-3/16" dia. 5,000 rpm. Spiral 3 HSS knives, 13,500 cpm.

Helical HSS 132, 4-sided knife inserts. Capacity: 20"W x 8" thick.

Depth of cut 3/32". Unbutted stock 10" min.

Feed rate 24 & 31 fpm (plus 16 & 20 fpm). Feed rolls: outfeed 3", infeed 3".

Table size 55-1/2"L x 20"W. Tool size 26"L x 36-5/8"W x 41-3/8"H.

Tool weight 800 lbs.

Includes 3-knife cutterhead (1791315) or helical cutterhead (1791316), enclosed stand, inch/mm readout scale, segmented infeed roller, extension tables, adjustable bed rollers & 5" dust port.

Spiral Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656662	1791296	230	5	1	Magnetic	\$3,240.00
656663	1791297	230/460	5	3	Magnetic	\$3,220.00

Bryd® Shelix® Helical Cutterhead

656667	1791315	230	5	1	Magnetic	\$4,679.00
656668	1791316	230	5	3	Magnetic	\$4,679.00



20" Single Surface Planers

General Intl. Powerful 3-drive belt, 5 HP motor runs at 5,000 rpm. Top-mounted return rollers allow smooth stock handling for consecutive planing and multiple passes.

- Heavy-duty enclosed stand protects motor from dust & wood chips
- Positive gear design for quick, accurate table adjustments
- Equipped w/anti-kickback fingers
- Large handwheel quickly adjusts table height
- Built-in mobile base w/1-step lock-pedal
- Cast iron base, table & head
- Built-in table rollers reduce friction
- Magnetic safety switch for added safety
- Large cast iron extension wings
- 5" dust port
- CSA Approved

Cutterhead: 3-1/8" dia. 5,000 rpm. Spiral 3 HSS knives, 15,000 cpm.

Helical 58 carbide 4-sided knife inserts. Capacity: 20"W x 8" thick.

Depth of cut 1/8". Unbutted stock 6-3/4". Feed rate 16 & 20 fpm.

Table 20"L x 55"W (w/extensions). Tool (base) 21-1/2"L x 21"W x 41-3/8"H.

Tool weight 860 lbs. (30-300MI), 893 lbs. (30-300HCM1).

Includes 3-knife spiral cutterhead (30-300MI) or helical cutterhead (30-300HCM1), knife-setting gauge (30-300MI), extension wings, enclosed stand w/wheels & manual.

Spiral Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420725	30-300MI	220	5	1	Magnetic	\$4,410.00

Helical Cutterhead

420726	30-300HCM1	220	5	1	Magnetic	\$5,733.00
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20" Planer

J E T Helical head planer quickly and quietly transforms rough lumber into smooth boards, with a full 20" planing width. Its heavy-duty cast iron and steel construction keeps the workpiece steady and supported, while the conveniently located two-speed gear box allows for quick and easy feed rate adjustments.

- Helical cutterhead w/indexable carbide inserts for a superior finish & quieter cut
- Heavy-duty cast iron & steel construction for added strength & durability
- 2-speed gear box w/automatic chain tensioner lets you adjust the feed rate to meet your needs
- Large, cast iron, precision ground table for precise workpiece support
- Powerful 5 HP TEFC induction motor w/three V-belt transmission for smooth & consistent power
- Positive gear drive moves table quickly & accurately
- Cast iron infeed & outfeed tables come w/the machine
- Large handwheel w/positive gear drive allows for quick & accurately table adjustments
- 1/16" increment height scale lets you make the most precise adjustments for fine cuts
- 5" dust port provides efficient chip & dust collection
- 1-piece welded steel base offers solid support & stability
- Magnetic controls provide long life & reliability
- 5-yr. mfr.'s warranty

Cutterhead: 3-3/16" dia. 5,000 rpm. Helical 92 carbide 4-sided knife inserts. Capacity: 20"W x 8" thick. Depth of cut 3/32". Unbutted stock 6-3/4". Feed rate 24 & 31 fpm. Dust port 5", 400 Minimum CFM Required. Table size 25-3/4"L x 2"W. Tool size 36-5/8"L x 26"W x 41-3/8"H. Tool weight 753 lbs.

Includes helical cutterhead, extension wings, enclosed stand & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486021	JWP-208HH-I	230	5	1	Magnetic	\$3,818.00



22" Floor Model Planers Model 201HH

POWERMATIC 7.5 HP motor runs at 19,200 rpm. All cast iron construction for years of accurate planing. Hinged top allows easy access to rollers and knives. Anti-kickback fingers and pressure bar are located close to the cutterhead for an exceptional finish.

- Oil-bath, 2-speed gearbox w/machined detents is quickly changed up front for fine finishing
- Segmented infeed roller w/sectional chip breaker allows multiple-piece planing & consistent feed & finish
- Roller bearing feed rollers ensure long trouble-free service
- Adjustable bed rollers smoothly feed rough & finished pieces
- Heavy, 2-column support cast iron table travels on 2 large lead screws & supports large workpieces (1 handle turn = 1/16")

Cutterhead: 3-1/4" dia. 4,800 rpm. Helical 150 indexable carbide 4-sided knife inserts. Capacity: 22"W x 9-1/4" thick. Depth of cut 3/16". Unbutted stock 10". Feed rate 20 & 30 fpm. Feed rolls: outfeed 3", infeed 3". Table size 32-1/4"L x 24"W. Tool size 42"L x 49"W x 59"H. Weight 1,300 lbs.

Includes segmented infeed roller w/sectional chip breaker, roller-bearing feed rollers, adjustable bed rollers, knife gauge, 5" dust port & wrenches.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656622	1791267	230	7.5	1	Magnetic	\$8,911.00
656623	1791268	230	7.5	3	Magnetic	\$8,911.00



24" Planers

General Intl. Choose between carbide helical cutterhead (w/70 indexable 4-sided knife inserts), or a HSS 3-knife spiral cutterhead. 3 V-belt, 7.5 HP motor runs at 4,800 rpm. Anti-kickback fingers at the front of the machine reduce the risk of stock being forcibly ejected.

- Cast iron chip-breaking system
- Heavy-duty enclosed stand protects motor from dust & wood chips
- Positive gear design for quick, accurate table adjustments
- Heavy-duty enclosed stand provides a stable workstation
- Machine's head equipped w/anti-kickback fingers
- Built-in table rollers reduce friction
- Large handwheel quickly adjusts table height
- Magnetic switch w/overload protection
- Large VS control knob increases/decreases feed speed
- Front-mounted graduated scale (inches & metric) shows stock thickness
- Steel base, table & head
- 6" dust port
- CSA Approved

Cutterhead: 3-1/8" dia. (30-460M1), 3-5/16" dia. (30-460HCM1). 4,800 rpm. Spiral 3 HSS knives, 14,400 cpm. Helical 70 indexable carbide 4-sided knife inserts.

Capacity: 24"W x 8" thick. Depth of cut 5/16". Unbutted stock 8". Feed rate 16 & 20 fpm (variable speed). Feed rolls: outfeed 3", infeed 3". Table size 28"L x 25-1/4"W. Tool size (base) 21-1/2"L x 21"W x 50"H. Tool weight 1,162 lbs. (30-460M1), 1,166 lbs. (30-460HCM1).

Includes 3-knife cutterhead (30-460M1) or helical cutterhead (30-460HCM1), magnetic safety switch, anti-kickback fingers, graduated scale, knife-setting gauge (30-460M1), enclosed base, 6" dust port & manual.

Spiral Cutterhead

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420735	30-460M1	220	7.5	1	Magnetic	\$10,010.00

Helical Cutterhead

420736	30-460HCM1	220	7.5	1	Magnetic	\$12,285.00
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25" Floor Model Planer

POWERMATIC Solid steel helical insert head with 4-sided carbide insert tooling, no adjustment needed after changing knives. Reduced sound levels when running, cutting.

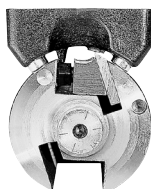
- Digital readout & PC controller for quick, easy set-up
- Segmental serrated infeed roll w/segmental chip breakers for planing multiple height stock (ea. with 1/4" yield)

- In/outfeed rollers supported by large sealed needle bearings
 - Quick-Set micro-adjustable table rollers lever, easily raises & lowers table rollers from 0" to 0.05"
 - Frame machined from heavy cast iron & extra wide side panels w/gibs for rigid bed support & accurate alignment
 - Solid pressure bar w/wide foot that's adjustable from both ends
 - Easily change feed selector rate from low to high
 - Large table w/2 adjustable rollers to smoothly feed uneven stock
 - Massive gearbox w/large chain drive & automatic chain tensioners evenly powers sectional in/out feed rollers
 - Air-hydraulic dust hood features excellent dust collection system
- 168 carbide knives, 3-3/8" dia. cutterhead. 30,000 cpm. 5,000 rpm. Capacity: 25"W x 9" thick. Depth of cut 1/4". Unbutted stock 6-3/4" min. Feed rate 30-25/20 fpm. Feed rolls: outfeed 3", infeed 3". Table size 32-3/16"L x 26"W. Tool size 52"L x 36"W x 59"H. Weight 1,725 lbs.

Includes 168-knife helical cutterhead, segmented infeed roller w/sectional chip breaker, needle-bearing feed rollers, adjustable table rollers & 5" dust port.

Please specify voltage. 230V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656670	1791303	230/460	15	3	Magnetic	\$16,065.00



Mini Planer Pal® Magnetic Planer Jig

Woodstock For setting knives on 10" to 12" planers with 1-7/8" to 2-1/8" cutterheads. Universal jig holds knives in position while freeing both hands to tighten the gib. This jig allows you to set knives perfectly every time to within ± .001".

Stk.	Mfr.	Price
786835	W1226A	\$26.30



Planer Pal® Knife Setting Jig

Woodstock Knife-setting system lets you set planer knives in perfect alignment every time. It also allows you to shift nicked knives on 2-1/2"- 4" cutterheads to get a perfect cut with an accuracy of ± .002". 2 jigs are needed for 15"- 20" and 3 for planers over 20". Set of 2.

Stk.	Mfr.	Price
786829	W1216A	\$99.00



Universal Mobile Stand

PORTER+CABLE Adjustable in/outfeed rollers to 8'L. Durable tubular steel frame supports up to 300 lbs. 3-position, pneumatic raising & lowering. Adjustable mounting bracket adapts to most miter saws or bench top planers. Wide rubber wheels. Easy assembly. Compact storage.

Stk.	Mfr.	Price
626634	PC136MS	\$259.00



Dial Indicator Kit

Chicago Brand Long range indicator with revolution counter and adjustable zero. Compact magnetic base with 22 lb. holding force.

Includes rods, clamps & molded case.

Stk.	Mfr.	Graduations	Range	Price
302680	56410	.001"	0"-1"	\$88.20

Planer Knives

DELTA HSS, single edge knives (unless specified).

Delta

Stk.	Mfr.	Fits	Qty.	Price
710602	22-562	22-565, 22-560, TP305, 12-1/2"	2	\$41.00
710593	22-549	22-555, 22-580 13"	2	\$54.60
709412	5140043-14	13" x 6"	3	\$432.00
710591	22-547	TP300 12", dbl edge	2	\$27.30
711045	22-677	DC-380 15"	3	\$237.00

DeWalt

Stk.	Mfr.	Fits	Qty.	Price
243100	DW7332	DW733 12-1/2"	2	\$71.60
243120	DW7342	DW734 12-1/2"	3	\$74.60
243121	DW7352	DW735 13"	3	\$71.70

JET

Stk.	Mfr.	Fits	Qty.	Price
485891	JWP-12K-4P	JWP-12DX 12-1/2"	2	\$74.00
485733	JWP15HI-K	JWP-15CS 15"	3	\$232.00
485690	QCK-15DX	JWP-150X 15"	3	\$177.00
485684	JWP-16K	JWP-160x 16"	3	\$196.00

Powermatic

Stk.	Mfr.	Fits	Qty.	Price
677202	6427003	Model 100 12"	3	\$138.00
662194	2393004	Model 160 16"	3	\$259.00
662261	2393005	Model 180 18"	3	\$222.00
676467	6284800	Model 15 15", dbl. edge	3	\$195.00
676400	M15-K3	Model 155 15"	3	\$118.00
676773	6292621	Model 208, 209 20"	4	\$280.00
662328	2393006	Model 221 20"	3	\$330.00
674300	6012179	Model 201 22"	4	\$381.00
662395	2393008	Model 225 25"	4	\$347.00

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SHAPERS

**Wood Shaper Model JWS-22CS**

J E T Handwheel and spindle lock achieve safe, accurate spindle height adjustments. 2 reversible spindle speeds add versatility. Powerful 1-1/2 HP TEFC reversing, single-phase motor features industrial push-button controls.

- Extra large solid cast iron work surface for additional work surface
- Heavy-duty 1-piece steel stand w/motor cover for stability

- Independent left & right fences w/micro-adjustment & 0 clearance capabilities
- Adjustable fence-mounted hold-downs
- 2-yr. mfr.'s warranty

Spindle speed 7,000 & 9,000 rpm, reversing. Spindle travel 1-7/16".

Spindle size 1/2" & 3/4", under nut 2-3/16". Fence size 9-3/4" x 3-1/4" each. Router bit collet size 1/4" & 1/2".

Table size 22-3/8"L x 18-1/8"W x 33-1/4"H, 3/8" x 3/4" T-slot.

5-1/4" dia. opening, 2 insert openings 1-5/8" & 3-1/4".

Tool size 23"L x 25"W x 40"H. Tool weight 190 lbs.

Includes 1/2" & 3/4" interchangeable spindles, 1/2" & 1/4" router bit collets, 2 table inserts, 2 starting pins, workpiece hold-downs, miter gauge, micro-adjustable fence, 1-piece heavy-duty closed stand, cutter guard & 4" dust chute.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485847	JWS-22CS	115/230	1-1/2	1	Push-button	\$1,368.00

Industrial Universal Mobile Base 24" sq. to 34" sq., 1,200 lb. capacity, 5/8" clearance.

485786	JMB-UMB-HD					\$198.00
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**Wood Shaper**

General Intl. 3 HP industrial sander offers 2 spindle speeds with reverse. Extra-large, heavy cast iron table has a smooth-ground surface finish.

- Independent R&L fences w/micro-adjustment
- 2 spindles (1/2" & 3/4")
- T-slot miter gauge for workpiece control
- Enclosed cabinet protects motor from dust

- Fence system w/cutterguard, spring hold-downs & 4" dust port
- Magnetic starter w/thermal overload protection
- CSA Approved

Spindle speed 8,000 & 10,000 rpm, reversing. Spindle travel 3".

Spindle size 1/2" & 3/4", under nut 2-3/4" & 3".

Fence sizes 9-1/2"L x 2-3/4"H. Router bit collet size 1/4" & 1/2".

Table size 27"L x 25"W x 34"H. 7" dia. opening, 2 insert openings 3-1/2" & 3" dia.

Tool size 27"L x 25"W x 42"H. Tool weight 352 lbs.

Includes magnetic controls, 2 spindles (1/2" & 3/4"), 2 router bit collets (1/4" & 1/2"), T-slot miter gauge, 2 adjustable fences w/cutterguard & 4" dust port, 4 spring hold-downs & enclosed stand.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420750	40-250M1	220	3	1	Magnetic	\$2,258.00

**2-Speed Wood Shaper Model PM2700**

POWERMATIC Spindle height digital readout provides exact spindle height and allows for .001" adjustments. Micro-adjust control knobs allow for precision fence adjustments. Dual 4" dust ports built-in to the cabinet and fence adjustment tube rack offers superior chip removal.

- Totally-enclosed motor

- Large heavy-duty precision-ground table
- Quick lock belt tensioning
- Heavy cast iron base w/built-in caster system can be raised for stability & lowered for mobility
- Extruded aluminum, independently adjustable fence w/featherboard hold-downs, chrome knobs & clear full cutter guard
- 5-yr. mfr.'s warranty

Spindle speed 7,500 & 10,000 rpm. Spindle travel 4".

Spindle size 3/4" & 1-1/4", under nut 3-3/4" & 6".

Fence size 18-3/4"L x 4-7/8"H. Router bit collet size 1/4" & 1/2" (optional).

Table size 40"L x 30"W. 7-3/8" dia. opening, insert openings 2-3/4" & 3-7/8" dia. Tool size 40"L x 37"W x 45"H. Tool weight 664 lbs.

Includes adj. fence w/featherboard hold-downs, cutter guard, dual 4" dust ports, reversing switch, 3/4" & 1-1/4" spindles, motor cover, table insert. 230/460V, 5 HP, 3 phase, magnetic starter.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
653542	1280100C	230	3	1	Magnetic	\$4,165.00
653543	1280101C	230	5	1	Magnetic	\$4,396.00
653544	1280102C	230/460	5	3	Magnetic	\$4,396.00

653544|Please specify voltage. 230V will be sent if not specified.

**Wood Shaper Model 35X**

J E T Large precision-ground, cast iron table provides a durable work area, predrilled for power feeder. Poly V-belt transfers maximum power to the spindle. Starting pins for irregular shaping.

- Extruded aluminum fence w/T-slots & 2 featherboard hold-downs
- Extra-large chrome handwheel conveniently located for fast, easy & accurate spindle height adjustments

- Reversible spindle speeds for diverse shaping jobs
- 4" dust port built into fence
- Spindle lock for safe, easy cutter set-up

Spindle speed 4,000, 6,000, 8,000 & 10,000 rpm, reversing.

Spindle travel 4". Spindle size 3/4", under nut 3-1/2".

Fence size 16"L x 4-3/4"H. Router bit collet size 1/4" & 1/2" (optional).

Table size 26-3/4"L x 32-1/4"W x 33-1/4"H, 3/8" x 3/4" T-slot.

7-1/4" dia. opening, 2 insert openings 2-5/8" & 4-7/8" dia.

Tool size 32-1/4"L x 28-1/4"W x 42-3/8"H. Tool weight 473 lbs.

Includes 3/4" spindle, magnetic controls, 2 workpiece hold-downs, cutter guard, starting pin, miter gauge, spindle height scale, adjustable fence w/4" dust port & enclosed stand.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486002	JWS-35X3-1	220	3	1	Magnetic	\$3,220.00

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4-Speed Wood Shaper

General Intl. 5 HP, 4-speed production shaper offers 4 spindle speeds and reverse. Independently adjustable R&L industrial fences with precision fine-tune adjustment dials. Heavily-ribbed, solid cast iron table features smooth ground surface.

- Deluxe precision T-slot miter gauge for better workpiece control
- Totally-enclosed cabinet protects motor from dust

- Built-in retractable caster system
- Magnetic starter w/thermal overload protection
- Quick-release belt tensioning system for quick changes
- Large cutterguard w/window, spring hold-downs & 4" dust port
- Extra-large adjustment handles
- CSA Approved

Spindle speed 4,000, 6,000, 8,000 & 10,000 rpm, reversing.

Spindle travel 3". Spindle size 1-1/4", under nut 5".

Fence size 16-1/2"L x 5"H. Router bit collet size 1/4" & 1/2".

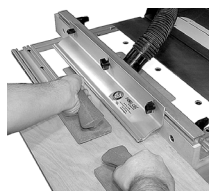
Table size 30"L x 40"W x 36"H.

4 insert opening diameters 7", 3-1/2", 3" & 2".

Tool size 28-1/2"L x 28"W x 46"H. Tool weight 741 lbs.

Includes adj. fence, cutter guard w/spring hold-downs & 4" dust port, deluxe T-slot miter gauge, reversing switch, 1-1/4" spindle, enclosed cabinet w/retractable casters & manual.

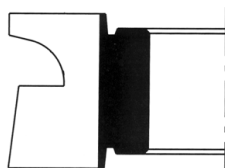
Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420755	40-350M1	220	5	1	Magnetic	\$5,670.00



Panel-Loc™ Guard

Bench Dog Combination handguard & panel hold-down for router tables & table saws. Use it for routing panels or ripping large sheets of plywood or veneer. Provides a solid barrier between your hands & the cutter. Helps alleviate chatter, reduces fatigue & improves results.

Stk.	Mfr.	Price
235435	40-025	\$78.00



Door Lip Cutter

freud Designed for counterclockwise rotation with the rabbet down. With clockwise rotation they can be used with the face down where inconsistency in door thickness will not show when doors are closed.

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Large Radius	Angle	Bore Dia.	Price
412260	EC001	2-7/8"	29/64"	1-1/4"	43/64"	23/64"	7°	3/4"	\$77.20

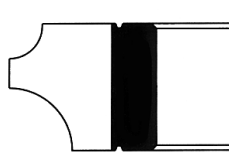


2+2 Raised Panel Cutters

freud Designed for 3/4" thick panels. Small cutter, with opposite shear angle, will push

wood fibers down and shear them off leaving a crisp edge at the top of the panel, even on cross grain.

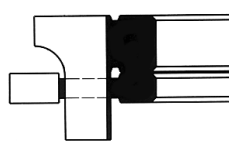
Stk.	Mfr.	Overall Dia.	Carbide Height	Minor Height	Large Radius	Small Radius	Angle	Bore Dia.	Price
412362	UC209	4-15/16"	43/64"	1/8"	1-57/64"			3/4"	\$151.00
412363	UC211	4-15/16"	5/8"	15/64"			17°	3/4"	\$151.00
412364	UC213	4-15/16"	11/16"	21/64"	1-31/32"	1-3/8"	23°	3/4"	\$151.00
412385	UP215	5-1/2"	5/8"	15/64"	13/64"		10°	1-1/4"	\$178.00



1/4" & 1/2" Round Over Cutter

freud Get 2 cutters in 1: 1 part is a 1/4" rounding over cutter; the other is a 1/2" rounding over cutter. Can also be used to create new molding profiles and as a beading cutter.

Stk.	Mfr.	Overall Dia.	Carbide Height	Large Radius	Small Radius	Bore Dia.	Price
412266	EC044	2-7/8"	1"	1/2"	1/4"	3/4"	\$75.20



Cabinet Door Cutter Sets

freud Male and female cutter sets that are perfect for high production needs in cabinetry and door making. Shims are included to allow you to maintain perfect joints through many

sharpenings. Each cutter is balanced and has thick carbide tips for maximum sharpening life.

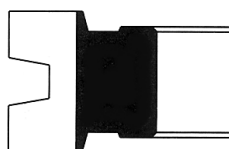
Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Tenon Thickness	Tenon Length	Large Radius	Bore Dia.	Price
412284	EC260	2-7/16"	15/64"	1"	15/64"	7/16"	15/64"	3/4"	\$265.00
412287	EC261	2-11/16"	11/32"	1"	15/64"	7/16"	9/32"	3/4"	\$265.00



Straight Edge Cutters

freud Computer-balanced cutters for super smooth, chatter-free cutting. Straight profile for making precise rabbets and dados.

Stk.	Mfr.	Overall Dia.	Carbide Height	Bore Dia.	Price
412278	EC140	2-7/8"	1/4"	3/4"	\$53.30
412279	EC141	2-7/8"	3/8"	3/4"	\$58.70
412280	EC142	2-7/8"	1/2"	3/4"	\$62.60
412281	EC144	2-7/8"	3/4"	3/4"	\$72.30
412282	EC146	2-7/8"	1"	3/4"	\$77.20
412383	UPI48	3-9/16"	1-1/2"	1-1/4"	\$147.00



Wedge Tongue & Groove Cutters

freud Cutters produce exceptionally strong joints when gluing up boards edge to edge. This design gives an increased amount of gluing area for maximum strength.

Tongue Cutter

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Angle	Bore Dia.	Price
412263	EC032	2-7/8"	5/16"	1-7/64"	3/8"	20°	3/4"	\$82.00

Groove Cutter

412264	EC033	2-7/8"	5/16"	1-7/64"	3/8"	20°	3/4"	\$72.30
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Convex Radius Cutters

freud Computer-balanced 3-wing cutters that are a necessity to anyone who has a

shaper. Use them for cutting flutes and coves.

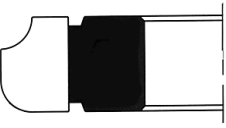
Stk.	Mfr.	Overall Dia.	Carbide Height	Bore Dia.	Price
412269	EC101	2-7/8"	1/4"	3/4"	\$60.70
412270	EC102	2-7/8"	3/8"	3/4"	\$68.40
412271	EC103	2-7/8"	1/2"	3/4"	\$75.20
412272	EC105	2-7/8"	3/4"	3/4"	\$89.80

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**Concave Radius Cutters**

freud For cutting beads and rounding the end of boards.

Stk.	Mfr.	Overall Dia.	Carbide Height	Large Radius	Bore Dia.	Price
412273	EC120	2-7/8"	5/8"	1/8"	3/4"	\$65.50
412274	EC121	2-7/8"	25/32"	3/16"	3/4"	\$70.40
412275	EC122	2-7/8"	15/16"	1/4"	3/4"	\$75.20
412276	EC123	2-7/8"	1/18"	5/16"	3/4"	\$80.10
412277	EC124	2-7/8"	1/14"	3/8"	3/4"	\$84.90

**Convex & Concave Cutters**

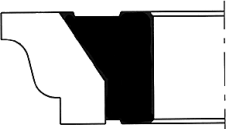
freud Versatile cutters cut half round beads, quarter round beads, coves & rounding over cuts. Great for making drop leaf tables w/matching profiles using 1 cutter.

Stk.	Mfr.	Overall Dia.	Carbide Height	Large Radius	Bore Dia.	Price
412379	UPI32	3-9/16"	3/4"	1/4"	1-1/4"	\$136.00
412381	UPI34	3-9/16"	1-1/64"	3/8"	1-1/4"	\$152.00

**Roman Ogee Cutter**

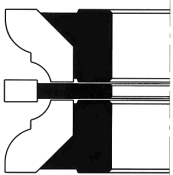
freud Edge treatment pattern for classical styling. Change pattern by raising or lowering spindle.

Stk.	Mfr.	Overall Dia.	Carbide Height	Minor Height	Large Radius	Bore Dia.	Price
412261	EC005	2-7/8"	25/32"	9/32"	15/64"	3/4"	\$70.40

**Matched Reverse Detail Cutter**

freud Perfectly matched profiles for both molding cut & matching coping cut.

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Large Radius	Bore Dia.	Price
412387	UP283	3-15/16"	33/64"	63/64"	33/64"	13/64"	1-1/4"	\$152.00

**Cove & Bead Exterior Door Cutter Set**

freud Designed for the rails and stiles of standard 1-3/4" thick exterior doors, these cutters will cut both the molding cut and the coping cut. Shims are included for precise adjustment.

Stk.	Mfr.	Overall Dia.	Cut Depth	Tenon Thickness	Large Radius	Small Radius	Bore Dia.	Price
412268	EC091	2-7/8"	1/2"	15/64"	3/8"	9/32"	3/4"	\$320.00

**Horizontal Raised Panel Cutter**

freud 3-wing cutter cuts traditional raised panel profile in 5/8" stock. Profile's bevel continues the entire width of the profile & does not have the flat at the edge of the panel.

Stk.	Mfr.	Overall Dia.	Carbide Height	Large Radius	Angle	Bore Dia.	Price
412377	UP016	5-1/2"	5/8"	1/8"	9°	1-1/4"	\$175.00

LATHES**Pen Turning Mini-Lathe**

General Intl. Designed specifically for turning pens and other smaller hobby type projects.

- Quick lock control levers easily position tool rest

- Extruded aluminum frame, head & tailstock
- Maximum distance of 12" between centers
- Quiet, smooth running 1/5 HP motor
- 3 spindle speeds: 1,350, 2,250 & 3,500 RPM
- CSA Approved

3 VS speed 1,350, 2,250 & 3,500 rpm.

Spindle drive (in. x TPI) 3/4" x -16TPI.

Capacity 4" swing over bed, 2-1/2" swing over toolrest base.

Distance between centers 12".

Head & tailstock taper MT-1, through hole 3/8". Spindle travel 1".

Tool rest 6". Face plate 2-1/2". Tool weight 15.5 lbs.

Includes live center, spur center, knockout bar & see-through lathe guard.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420675	25-010MI	110	1/5	1	Manual	\$357.00

**Mini Lathes**

JET For the novice wood turner looking for a user-friendly lathe, as well as the professional who wants to add a full-featured mini-lathe to the shop. This sturdy, smooth-running 15" mini-lathe has the power, precision and versatility

to turn out any number of projects.

- Integrated 24-position indexing
- Improved tensioning system w/easier access to belts
- Wider bed ways provide increased rigidity
- Live center in the tailstock
- 5-yr. mfr.'s warranty

6 speed 500-3,975 (JWL-1015)

or VS 200-1,500, 300-1,750, 600-3,600 (JWL-1015VS).

Spindle drive (in. x TPI) 1"-8 thread. 3/8" drive through hole.

Capacity 10" swing over bed, 7-5/16" swing over toolrest base.

Distance between centers 15-1/2".

Head & tailstock taper MT-2, through hole 3/8". Travel 2".

Tool size 26"L x 7"W x 14"H.

Tool weight 77 lbs. (JWL-1015), 72.6 lbs. (JWL-1015VS).

Includes live center, spur center, knockout rod, tool support & 3" face-plate.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486052	JWL-1015	115	1/2	1	Manual	\$565.00

Variable Speed

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486053	JWL-1015VS	115	1/2	1	Manual	\$682.00

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12" Comet II Midi Bench Lathe

NOVA Small, space-saving design. A great choice for a multitude of projects. Ideal as the primary or secondary lathe in a multi-functional workshop.

- VS motor for dial-in power
- Forward & reverse function for superior finishes

- Solid cast iron throughout for durability & stability
- Strong 2MT spindles
- Precision machining
- Quick action cam controls
- 1-yr. mfr.'s warranty

Variable speeds 250-4,000 rpm. Capacity 12" swing over bed. Distance between centers 16-1/2". Head & tailstock taper 2MT. Drive spindle 1"- 8TPI, RH thread.

Includes 3" faceplate, 6" toolrest, spur-drive center, live tailstock center, knockout bar, handwheel unit and manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
892450	46300	120	3/4	1	Manual	\$578.00

24.6"L Bed Extension

892465	47001					\$145.00
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VS Maxi-Lathe VF

General Intl. Lathe features 3 variable speed ranges (250-800, 550-1,700 & 1,200-3,600) and offers 1,950 rpm.

- 15° positive indexing positions for a total of 24 positions

- Cast iron frame, head & tailstock reduce vibration for smoother turning
- Spindle forward/reverse rotation knob for precision sanding & polishing
- Quick-lock levers easily position toolrest
- Quick-release lever for quick belt positioning changes

3 VS speed 250-3,600 rpm.

Spindle drive (in. x TPI) 1"-8 RH thread. 3/8" drive through hole. Capacity 14" swing over bed, 10-3/4" swing over toolrest base. Distance between centers 17".

Head & tailstock taper MT-2, through hole 3/8". Spindle travel 2". Tool size 34"L x 9"W x 17"H. Tool weight 93 lbs.

Includes 6" toolrest, 1" dia. toolrest post, 3" faceplate, live center, spur center, knockout bar, safety glasses & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420690	25-114QCM1	110	3/4	1	Manual	\$1,040.00



VS MIDI Lathe

DELTA Stable, cast iron lathe offers a large 12-1/2" swing capacity. Automatic belt tensioning system allows quick, easy speed changes, plus sets correct belt tension for maximum power transfer.

- Indexing pin locks head stock spindle in 24 positions for fluting & other decorative applications
- Over headstock on/off switch for easy-in-use access
- 16-1/2" distance between centers to turn objects as long as a chair leg or as short as a thimble
- Ball-bearing live center for smooth turnings
- 4-groove belt provides superior power to turn large objects.
- Large up-front belt access for easy speed changes
- Heavy-duty, steel knockout bar
- On-board tool storage

VS 250-4,000 rpm.

Spindle drive (in. x TPI) 1"-8 RH thread. 15/32" drive through hole. Capacity 12-1/2" swing over bed, 9-9/16" swing over toolrest base. Distance between centers 16-1/2". Center height 14-1/2".

Head & tailstock taper MT-2, through hole 13/32".

Spindle travel 2-1/4". Tool size 36"L x 11"W x 17-3/4"H. Weight 93 lbs.

Includes 3" faceplate, 2 toolrests (6" & 10").

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
751841	46-460	120	1	1	Manual	\$784.00

Stand

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
751843	46-462					\$232.00



12" VS Wood Lathe JET

- Smooth forward to reverse transition
- Integrated, spring loaded spindle lock
- Conveniently located controls & DRO
- Acme thread in tailstock

- 24 integrated indexing positions

3 speed variable 60-90, 110-1,800, 220-3,600. Spindle thread 1"-8 TPI. 3/8" drive through hole.

Capacity 12.5" swing over bed, 9.45" swing over toolrest base. Distance between centers 20.5".

Head & tailstock taper MT-2, through hole 3/8". Travel 2-1/4".

24 indexing positions. Outboard Turning 33-3/5"L x 11"W x 17-7/10"H. Tool size 36.6"L x 11"W x 17.7"H. Tool weight 55 lbs.

Includes 6" & 10" toolrests, 3" faceplate, spur and live centers, knockout rod, spindle wrench & tool caddies.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486022	JWL-1221VS	115	1	1	Manual	\$1,008.00

Stand

486023	719202					\$440.00
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*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

Please visit
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for the complete specifications
of the products listed on this page.



14" Wood Lathe

JET Heavy-duty, cast iron wood lathe constructed for durability, stability and vibration-free work.

- Headstock pivots 360° w/7 positive locking positions (0° - 270°)

- Positive locking tool rest w/redesigned clamping
- Acme thread in tailstock
- Improved tailstock quill locking w/anti-rotation key
- Easy-to-read RPM display
- CSA Certified

VS 400-3,000 rpm. Spindle drive (in. x TPI) 1"-8 RH thread.

Capacity 14-1/2" swing over bed, 11" swing over tool rest base.

Distance between centers 40". Head & tailstock taper MT-2, through hole 3/8".

Prewired 115V.

Benchtop Lathe Tool size 74"L x 18"W x 18.26"H. Weight 220 lbs.

Includes toolrest extension, faceplate, spur & live centers, spindle & index locks, tooling knockout, wrench & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486028	JWL-I440VS	115/230	1	1	Manual	\$1,529.00

Floor Model Lathe Tool size 74"L x 18"W x 49"H. Tool weight 352 lbs.

Includes legs, toolrest extension, faceplate, spur & live centers, spindle & index locks, tooling knockout, wrench & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486029	JWL-I440VSK	115/230	1	1	Manual	\$1,882.00



16" EVS Pro Lathe

JET Heavy-duty, cast iron lathe bed and legs add stability while limiting vibration during operation. Electronic inverter allows infinite speeds from 0 to 3,200 rpm.

- Digital readout w/dial to select desired speed
- High/low speed-change lever quickly changes belt positions

- Spindle w/36 positive-locking indexing in 10° increments for fast, efficient fluting & veining operations
- Spindle locks allow easy removal/replacement of faceplates & chucks
- Live center w/removable pin for boring through stock
- Cam-lock mechanisms allow tool-free adjustments of headstock, tailstock & toolrest base
- Hollow tailstock allows long hole boring for lamps & other vessels
- Legs w/cast-in holders for 2x4's or a 2x12 to construct a solid tool or sandbag shelf
- Tool storage basket
- 5-yr. mfr.'s warranty

Speeds 50-1,200 rpm & 125-3,200 rpm.

Spindle drive (in. x TPI) 1-1/4"-8 RH thread. 3/8" drive through hole.

Capacity 16" swing over bed, 12" swing over toolrest base.

Distance between centers 42".

Head and tailstock taper MT-2, through hole 3/8". Spindle travel 4".

Tool size 63-1/2"L x 20"W x 50"H.

Tool weight 410 lbs. (JWL-I642EVS0), 456 lbs. (JWL-I642EVS-2).

Includes open-style rigid stand, 14" toolrest, 6" faceplate, spur center, dual-bearing live center, tooling knockout, spindle & indexing locks, safety shield & brake resistor, tool basket & wrench.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486006	JWL-I642EVS	115	1.5	3	Manual	\$2,661.00
486007	JWL-I642EVS-2	230	2	1	Manual	\$3,008.00



16" Lathe

General Intl. Ideal for turning chair or table legs and columns, as well as bowls.

- 6" face plate for bowl turning
- Forward or reverse rotation
- Heavy-duty, cast-iron bed & stand for stability & minimal vibration
- Headstock swivels 360° w/positive stops at 0°, 45°, 90°, 135°, 180° & 270° & quick-lock for outboard turning
- Digital spindle speed (RPM) readout
- Large onboard storage space
- Electronic inverter for VS adjustment
- Movable emergency switch can be placed to suit the operator
- Quiet, highly efficient, low power consumption motor
- Low/high speed change lever for quick belt position changing
- 3 VS 45-3,750 rpm. Spindle drive (in. x TPI) 1-1/4"-8 RH thread. 3/8" drive through hole.
- Capacity 16" swing over bed, 14" swing over toolrest base.
- Distance between centers 42".
- Head and tailstock taper MT-2, through hole 3/8".
- Spindle center line to floor 44-1/2". Tool size 64"L x 15"W x 48"H.
- Tool weight 418 lbs.

Includes stand, 14" toolrest, 6" faceplate, live center, spur center, knock-out bar, wrenches & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420706	25-650ABCM1	220	2	3	Manual	\$3,147.00



16" Wood Lathe

NOVA Stationary lathe capabilities in compact workspace.

- Strong 2MT spindles
- Precision machining
- Quick action cam controls
- Fully 360° swivel head plus detent positions at 0, 22, 4 & 90°
- 1-yr. mfr.'s warranty

8 speed 215 - 3,600 rpm. Spindle drive (in. x TPI) 1-1/4"-8 RH thread.

Capacity 16" swing over bed, 10" swing over toolrest base.

Distance between centers 24".

Head & tailstock taper MT-2 hollow.

360° swivel head & lock at any position, plus detent locating positions at 0, 22, 4 & 90°. Tool weight 251 lbs.

Includes 3" faceplate, 12" toolrest, 2MT live center, 2MT spur center, stand & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
892430	24146	115	1.5	1	Manual	\$1,588.00

20" Bed Extension

892480	55195					\$318.00
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20" Floor Model Lathe

POWERMATIC Digital readout allows user to see the exact spindle rpm for accurate adjustments and fine tuning.

- Headstock allows for better chisel angles when turning the back side of a bowl

- Brass-tipped knockout bar concentrates the action in the sliding handle w/out marring any of the drive centers
- Poly V-belt, inverter drive system
- Tool rest geometry allows better chisel movement
- Tool caddy mounts directly to the lathe
- Tailstock storage offers chip-free storage

2 VS 0-1200, 0-3200 rpm. Spindle drive (in. x TPI) 1-1/4"-8 RH thread. 5/8" drive through hole. Capacity 20" swing over bed, 20" swing over toolrest base. Distance between centers 34-1/2".

Head & tailstock taper MT-2 through hole 3/8" in tailstock. Spindle travel 4". Tool 50"L x 24"W x 44"H (adjustable). Weight 650 lbs.

Includes inverter, safety shield, 3" faceplate, multiple ball-bearing line center, drive center, 14" toolrest, spindle lock & knockout rod.

Stk.	Mfr.	Volts	HP	Phase	Price
653906	1352001	220	2	1 or 3	\$4,536.00

Cup & Spur Center Points

673383	3582202				\$11.00
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24" Lathe

POWERMATIC This lathe pushes the limits of design, innovation and durability.

- Sliding headstock with electronic variable speed & digital RPM readout for accurate speed adjustments
- Spindle lock & built in spindle indexing on the headstock for drilling hole patterns, routing flutes & other equally spaced features

- Vacuum system provides quick method of chucking bowl blanks
- 15-amp quad receptacle for easy reach of powered accessories
- Two 100W task lamps provide ideal lighting
- Air nozzle w/quick connect for clearing dust chips
- Set of dead centers which hold a spindle for visual comparison
- Laser etched quill is self ejecting
- 2-position mount for the optional bed extension
- Brass tipped knockout bar concentrates the action in the sliding handle; the brass tip will not damage drive centers
- Attached tool caddy allows convenient access to centers, wrenches, etc.
- Tailstock has internal storage for additional accessories
- Chrome trimmed handwheels are ergonomic for a comfortable feel
- Magnetic-backed remote on/off switch can be moved anywhere on the machine

Speeds 40 - 3,500 rpm. Spindle 1-1/4" x 8 TPI nose. 5/8" hole. Headstock & tailstock taper MT-2. Hole through tailstock 3/8". Ram travel 4-1/2". Capacity 24" swing over bed, 21" swing over toolrest base. Distance Between Centers 42". Head & tailstock taper MT-2, through hole 3/8". Spindle travel 4-1/2". Tool size 68"L x 27"W x 31-1/2"H. Tool weight 948 lbs.

Includes 2 lamps, guard, faceplate, live spur centers, 14" toolrest & base, faceplate wrench, knockout rod, spindle lock & remote on/off switch.

Stk.	Mfr.	Volts	HP	Phase	Price
656700	1794224K	220	3	1 or 3	\$7,839.00

Powermatic 20" & 24" Lathe Accessories

POWERMATIC

Bowl Turning Lathe Tool Supports

Stk.	Mfr.	Size	Price
676810	6294740	Right-hand	\$180.00
676821	6294751	Left-hand	\$180.00

Lathe Faceplate

676806	6294736	3" dia.	\$166.00
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Lathe Spur Center

676800	6294725	1"	\$22.90
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Lathe Tool Supports

676809	6294739	6"	\$120.00
676812	6294742	14"	\$167.00

Live Center Assembly

676902	6295902		\$126.00
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Beeswax

Dadant Use to prevent burning on lathe projects by coating the lathe cup center thoroughly. Also used for coating wood screw threads for easier driving.

Stk.	Mfr.	Item	Qty.	Price
314901	W00203	Plug	1 oz.	\$1.30
314900	W00202	Block	1 lb.	\$17.90

Wood Lathe Guard



General Intl. Ensures safety against flying wood chips, broken tools, dust, etc. Easily installed on the lathe bed. Support column height can be adjusted to suit the clearance needed

for the shield depending on the size of your lathe.

Stk.	Mfr.	Price
420692	25-160	\$423.00

Mini Lathe Duplicator



General Intl. Designed specifically for mini-style lathes or lathes with shorter bedways. Duplicates from original spindle or template.

- Creates perfectly matched spindles
 - Extruded aluminum base & carriage
 - High-speed steel cutter
 - Hand wheel controlled chain drive system
- Duplicating length: 17-7/8". Duplicating diameter: 7" (depending on lathe swing over bed). Duplicating depth: 3" Spindle diameter: 3". Width of template: 2". Depth of cut per pass: 1/8".

Stk.	Mfr.	Price
420680	25-024	\$440.00

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Pen Turning Starter Kit

General Intl.

Includes 1 pen turning hardware kit for each pen style, 5 assorted wooden pen blanks (*Slimline, Funline, Executive, Vertex, Polaris*) & 1 wine stopper hardware kit.

Stk.	Mfr.	Price
420672	25-005	\$86.90



Supernova 2 Chuck

NOVA For use on lathes with up to a 20" swing.

- Fully sealed composite indexing backing plate
- Single-handed operation w/Tuff Lock™ technology
- Precision machined 1045 high tensile steel body

- Supernova 2 'Z' insert chuck (w/50mm Jaws chuck)

Requires a chuck insert/adapter to fit to your lathe.

Stk.	Mfr.	Price
892420	23055	\$233.00



G3 Comet II Reversible Chuck

NOVA Reversible chuck designed exclusively for use with Nova Comet II Midi Lathe.

- Single-handed operation w/Tuff Lock™ technology
- Precision machined 1045 high tensile steel body
- Open back for easy cleaning

- Compact design minimizes load on the smaller spindle & bearings
- Dedicated 1" 8TPI thread to fit Comet II midi lathe

Includes chuck key (*pinion*), woodworm screw, 50mm jaw set, M6x6 countersunk screws, 3mm & 4mm Allen key & manual.

Stk.	Mfr.	Price
892470	48232	\$187.00



Infinity Lathe Chuck

NOVA Chuck delivers fast jaw change outs. It solves the major problem with changing jaws on conventional wood turning chucks where screws are often hard to remove and can stick in place or the screw heads snap off. All 4 jaw segments can be removed and different jaws positively locked in place under 30 seconds. This

makes it easy and fast to mount the right jaws and change out jaws for the next project.

- Takes standard NOVA inserts to adapt to a wide range of lathes
- Accepts Infinity jaw accessory range

Includes 4" chuck, jaw slides, operating handle, manual, 3mm allen key & 6mm grubscrew.

Stk.	Mfr.	Price
892500	8012	\$344.00

Upgrade Kit Converts the mounting system of all NOVA jaw sets to be compatible with Infinity jaw slides. For Precision Midi, G3, SuperNOVA2 from 2004. **Includes** 4 upgrade slides (No. 1 - 4) & manual.

Stk.	Mfr.	Price
892501	8100	\$176.00

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Tool Rests

NOVA Toolrest with solid cast iron top and 1" shank. For smaller work when you don't want a tool rest to get in the way. 2-yr. mfr.'s warranty.

Stk.	Mfr.	Size	Price
892415	TR100/I	4"L	\$39.30
892416	TR300/I	12"L	\$56.80



Drive Spur Center

DELTA For headstock. Replaceable center pin, hardened & polished.

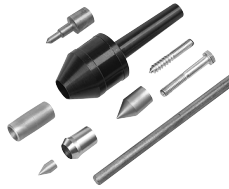
Stk.	Mfr.	Price
755104	46-933	\$36.10



Keyed Drill Chuck

Jacobs For drilling on the lathe. 0 to 1/2" capacity.

Stk.	Mfr.	Price
543500	14445-7312	\$149.00



Live Center System

NOVA Unique combination center system provides a high quality, comprehensive tailstock support for virtually all spindle turning requirements. Precision machined & 3 bearings for maximum long life.

Includes quick change morse taper (2MT), threaded center, 60° center, stepped cone & manual.

Stk.	Mfr.	Price
892475	5015	\$102.00



Live Center Set

Steelex 7 interchangeable tips. High-quality needle bearings prolong tool life & special tool steel body & tips are precision ground.

Stk.	Mfr.	Item	Price
785670	M1068	MT2	\$98.30



Flexiguard™ Shields

Flexbar Eye, face, neck & hand protection from splashes & chips. For most woodworking, metalworking & portable power machines. Curved plastic shield on rugged flexible gooseneck. Positively deflects chips & coolant. Permits clear & closer visual inspection of work.

C-Clamp Base For clamping shield on hard-to-affix locations. 1-3/8" clamp capacity, 1 1/16" throat to screw center, arm w/clamp 13-1/2"L.

Stk.	Mfr.	Size	Price
408502	13001	7-1/2" x 10"	\$51.30
408503	13002	10" x 12"	\$56.70
408504	13003	12" x 16"	\$66.20

Magnetic Base Disc magnet w/85 lbs. pull. Arm w/magnet 10"L. Shield swivels & locks 360°.

Stk.	Mfr.	Size	Price
408505	13004	7-1/2" x 10"	\$50.00
408506	13005	10" x 12"	\$56.70
408507	13006	12" x 16"	\$62.10



8-Piece Lathe Turning Tool Set

Steelex Proportionally longer handles to cutting tools, chisels offer outstanding control. 14-1/2"L.

Includes 1/2" spear point, 1/8" parting tool, 1/4" 1/2" & 3/4" gouges, 1/2" round nose & 1" & 1-1/2" skew chisels.

Stk.	Mfr.	Price
785620	D2228	\$49.70



Lathe Turning Tool Sets

Great Neck Forged from premium quality steel. Hardened, ground & polished w/proper bevels. Blades measure 6 to 12"L. Natural finish hardwood handle 10 to 12"L.

4-Piece Includes 1" skew, 1/2" spear, 1" gouge & 1/2" parting tool.

Stk.	Mfr.	Price
281015	404	\$56.80

8-Piece Includes 1/2" & 1" skew chisels, 3/8", 5/8" & 1" gouges, 1/2" spear round nose, 1/2" spear point, 1/2" parting tool.

Stk.	Mfr.	Price
281065	800	\$108.00



5-Piece Turning Chisel Set

Steelex For fine detail turning. Hardwood handles and high quality carbon steel cutting edges.

Includes 1/16" & 1/8" radius gouge, 3/16" parting tool, 1/4" spear point & 1/4" skew.

Stk.	Mfr.	Price
785629	D2250	\$39.20



6-Piece Lathe Turning Tool Set

DELTA Constructed of high-quality, HSS w/ wooden handles.

Includes 3/4" roughing gouge, 3/8" spindle gouge, 3/4" oval skew, 1" square end scraper, 3/16" diamond section parting tool, 1/2" round nose scraper & wooden case.

Stk.	Mfr.	Price
753235	46-626	\$188.00



Center Finder

Robert Larson Locates the exact center in a piece of wood in seconds without calculations. 8" max. for circle, octagon, square and 5-3/4" max. for hexagon.

Stk.	Mfr.	Size	Price
768875	800-2875	9"L x 6"W x 1/2"H	\$4.92

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BELT & DISC SANDERS



1" x 42" Belt Sander

Kalamazoo Sander provides up to 1,725 rpm, and enclosed steel stand with 100 cfm dust collector.

- Enclosed belt guard & dust collector
 - Dry belt sander, vertical position only
 - Tilting table • 4" contact wheel • USA made
- Belt speed 1,800 sfm. Belt size 1"W x 42"L.
Platen 1"W x 17"L. Table tilt 30° up & down.
Table 3"W x 3"L. Tool 14"W x 12"L x 32"H. Weight 95 lbs.

Includes 80-grit abrasive sanding dry belt & enclosed stand w/dust collector & dust bag.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
491424	ISMV	110	1/3	1	Toggle Switch	\$1,176.00



4" x 60" Belt Sanders

Kalamazoo Steel-constructed sanders offer long belt and platen sizes, plus 1 or 3 phase motors that provide up to 3,450 rpm.

- Worktable, reversible platen
- Dry belt sander, vertical position only
- Quick belt change, pre-set belt tension, easy belt tracking

• Full OSHA belt guard • 4" pulley, direct drive • USA made
Belt speed 3,600 sfm. Belt size 4"W x 60"L. Platen 4"W x 17"L.
Table 6"W x 6"L. Tool: 14"W x 16"L x 33"H, 26"W x 18"L x 60"H w/stand.
Tool weight: 145 lbs., 485 lbs. w/stand.

Includes 80-grit abrasive sanding dry belt.

Please specify voltage. 110V or 220V will be shipped if not specified.

Bench Model

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
491420	S460D-1	110/220	1	1	Toggle	\$1,727.00
491421	S460D-3	220/440	1	3	Toggle	\$1,727.00

Floor Model Enclosed steel stand features a powerful mounted dust collector. **Includes** filter.

491422	S460V-1	220	1	1	Toggle	\$2,964.00
491423	S460V-3	220/460	1	3	Toggle	\$2,964.00



6" x 48" Belt Sanders

J E T Fine thread adjusting sanders offer simple, easy tracking for a variety of finishing operations. Plain and compound miters are easily obtained using the die-cast aluminum miter gauge.

- Handles all production line finishing operations
- Adjustable heavy-duty cast iron removable platen
- Table tilts in & out for angle finishing
- Removable upper guard for contour finishing
- Variable-position locks, belt head adjusts vertically & horizontally
- Enclosed drums & guarded sanding belt
- Adjustable dust deflector & chute

Belt speed 2,850 sfm. Belt size 6"W x 48"L. Platen 6-1/4"W x 14-3/4"L.
Table size 7-3/8"W x 14-3/4"L. Table tilt 20° in, 45° out.
Tool size 25-1/2"W x 19"L x 57-1/2"H. Tool weight 215 lbs.

Includes enclosed stand.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
961509	J-4300A	115/230	1-1/2	1	Push-Button	\$1,661.00
961510	J-4301A	230/460	1-1/2	3	Push-Button	\$1,661.00



9" Disc Sander

Proxxon Electronically-adjustable speeds allow optimal control when working on delicate materials. Ideal for wet sanding as well as sanding, polishing, deburring and beveling. Use for hard and softwood, non-ferrous metal, steel, plastic, Plexiglas®, fiberglass-reinforced plastic, cork and rubber.

- Sands long edges, end sections, radii, miters & by turning work over, accurate flat surfaces at right angles
- Table tilt w/scale for accurate adjustments
- Machined disc driven by a twin ball bearing spindle
- Ribbed die cast aluminum body
- Machined die cast aluminum table

Disc speed 820-2,460 fpm. Disc size 9-27/32".

Table size 10-13/16"L x 4-1/8"W x 5-5/16"H. Table tilt 15° in, 45° out.

Miter gauge groove 5/16". Tool size 11"L x 3"W x 9"H. Tool weight 14 lbs.

Includes miter gauge & 2 ea. 80 & 240-grit sanding discs.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
303002	38060	110/120	1	1	Push-Button	\$463.00



12" Disc Sanders

Kalamazoo Heavy-duty, all-steel construction with a 12" aluminum disc. Floor model comes complete with enclosed stand and built-in vacuum dust collector.

Disc speed 1,725 rpm. Disc size 12" dia.

Table size 14"L x 8"W. Table tilt 45° down, 10° up.

Tool size: 6"L x 22"W x 15"H. 85 lbs. (DS12),

24-1/2"L x 21"W x 44-1/2"H. 150 lbs. (DS12V).

Bench Model

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
490950	DS12	110/220	1	1	Push-Button	\$972.00

Floor Model Includes enclosed stand w/dust collector.

490951	DS12V	110	1	1	Push-Button	\$1,683.00
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490950|Please specify voltage.



12" Bench Disc Sander

DELTA Heavy-duty cast iron construction with heavy-duty steel bevel assembly supporting the table. Tilting cast-iron table with left and right positive stops at 22.5°, 45° & 90° locks in position with 1 dual-purpose lock and bevel table adjustment handle.

- Convenient top-mounted manual brake stops sanding disc in seconds
- Heavy-duty, steel disc plate features a 12" diameter, 80 grit abrasive disc for fast, efficient sanding
- Integral dust collection fan draws dust away from table & into hose for cleaner sanding operation
- Dust hose with 2-1/4" O.D. connectors attaches quickly to any standard shop vacuum
- Features a 3/8" x 3/4" miter gauge slot machined into the table for projects that require sanding an angle or straight edge
- Cast-iron base w/pre-drilled base holes for easy bench mounting
- 5-yr. mfr.'s warranty

Disc speed 1,725 rpm. Disc size 12". Table size 17-1/4" x 6-1/4".

Table tilt 45° up & down. Tool size 17-3/4"L x 17-1/4"W x 15"H.

Tool weight 72.6 lbs.

Includes miter gauge, hose with 2-1/4" O.D. connectors, 80 grit abrasive disc & wrenches.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
726570	31-140	120	1/2	1	Manual	\$285.00



12" Disc Sanders Model JDS-120

JET Collects and filters the dust it produces. Canister filter with a built-in dust impeller creates a stand-alone, virtually dust-free sanding system. Airflow pulls the dust from the outer edges of the disc and captures it in a 2-micron canister filter. A quarter turn removes canister to clean. Machine features a powerful TEFC 1 HP motor, convenient brake to quickly slow the disc, tilting table with positive stops at 45° and 90°, miter gauge and circle jig.

Disc speed 1,720 rpm. Disc size 12" dia.

Table size 16-3/8"L x 9-3/4"W. Table tilt 45° down, 15° up.

Tool size 21"L x 25-5/8"W x 21"H. Tool weight 100 lbs.

Includes miter gauge, circle jig & 80-grit abrasive wheel.

Please specify voltage. Sander shown w/stand & dust collector.

Floor Model Open steel stand & canister dust filter.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485938	JDS-120S	115/230	1	1	Push-button	\$685.00

Bench Model 4" dia. dust port for standard dust collection system.

485939	JDS-12B	115/230	1	1	Push-button	\$592.00
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12" Disc Sander Model J-4400

JET Industrial machine, with optimum speed of 1,960 rpm, are ideal for both metal and wood finishing. Fully-machined and balanced disc runs vibration free.

- Large cast iron slotted table
- Easy-to-read scale shows exact degree of table tilt
- Heavy-duty 1-piece steel stand
- Plain & compound miters are easily obtained by using the standard die-cast aluminum miter gauge



Disc speed 1,960 rpm. Disc size 12" dia. Table size 12"L x 16-3/8"W.

Table tilt 45° up. Tool size 16"L x 19"W x 43"H. Tool weight 175 lbs.

Includes miter gauge, drive pulleys, V-belt, 3-pole single throw switch & enclosed stand.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
961511	J-4400A	115/230	1-1/2	1	Push-button	\$1,335.00

20" Disc Sander

Baileigh Cast iron base and work table reduce vibration.

- Heavy column further increases rigidity
- Powerful motor suitable for most fabrication or machine shops
- Hand wheel adjustment allows miters up to 45°
- Variable angle table can be moved up or down by hand wheel adjustment



- Can be attached to dust extraction system

Disc speed 1,100 rpm. Disc size 20" dia. Table tilt 45° down, 30° up.

Tool size 30.5"L x 28"W x 54.5"H (shipping). Tool weight 438 lbs. (shipping).

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
222575	DG-500	220	2	1	Manual	\$1,817.00

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1" Belt / 5" Disc Sander

Rikon Sander is great for working on small craft projects. The machine's small motor is very efficient in driving the belt and disc, so stock removal goes quickly. Recommended for light-duty use.

- Powerful induction motor provides plenty of power for sanding
- Spring loaded tension automatically keeps belt at best-operating level

- Belt tracking knob allows correct positioning of belt
- PSA sandpaper disc applies quickly to metal disc plate for instant use
- Work table adjusts 0° to 45° w/large locking handle for sanding angles
- Dust hood & port for efficient dust removal
- On/Off switch w/removable safety tab for extra security
- Mfr.'s 5-yr. warranty

Belt size 1" x 30". Belt speed 3,340 sfpm. Disc size 5" dia.
Disc speed 3,340 rpm. Belt table size 7-1/4" x 3-3/4", tilt 0°-45°.
Tool size 15"W x 12-5/8"D x 14-5/8"H. Weight 15.5 lbs.

Includes miter gauge, sanding disc & sanding belt.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
694225	50-151	120	1/3	1	Manual	\$141.00



1" Belt / 8" Disc Sander

JET Abrasive belt works as a jig saw, coping saw or hand file to remove and finish in small openings and with odd shapes and angles. Disc unit fast and efficiently grinds, sands and finishes large workpieces (*tilt table for chamfering & beveling*).

- Deluxe miter gauge turns & locks at 45° R&L
- Removable platen allows sanding, grinding or finishing outside curves & odd-shaped workpieces on the belt
- Use non-woven synthetic belts to blend, polish, buff or finish metal surfaces & defuzz wood surfaces
- Slotted table accepts miter gauge
- Hinged idler wheel cover

Belt size 1" x 42". Belt speed 3,000 sfm. Disc size 8" dia. Disc speed 1,725 rpm.
Table size: for belt 6-1/8"L x 7-1/8"W, tilt 45°. for disc 4"L x 10"W, tilt 45°.
Tool size 21"L x 22"W x 14"H. Tool weight 80 lbs.

Includes miter gauge, tilting table, steel base w/rubber feet, removable platen, adj. dust deflector & 1-1/2" dia. dust port.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485995	J-4002	115	1/3	1	Manual	\$486.00



2" Belt / 6" Disc Combination Sander

Baileigh Combination disc and belt grinder has a disc grinder and belt grinder combined into one compact floor plan, perfect for base or bench mounting.

- Belt can run horizontally or vertically to 50°

- Quick release locks for chamfer angle adjustment
- Fan cooled motor for constant run applications
- Easy belt adjustment
- Quick release lever for fast belt changes

Belt size 2" x 40". Belt speed 4,330 fpm. Disc size 6" dia.
Disc speed 2,800 rpm. Table size 5.31"L x 3.14"W.
Tool size 23"L x 18"W x 15"H (*shipping*). Tool weight 71 lbs. (*shipping*).

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
222570	DBG-62	110	1	1	Manual	\$886.00



1" Belt / 8" Disc Sander

General Intl.

- 2 belt platens allow for use with either 1" or 2" x 42" sanding belts
- Quick-change belt tension lever
- Cast-aluminum belt guard w/removable see-through top cover
- Safety switch w/removable lock-out key
- 2 built-in 1-1/2" dust ports
- Large cast-aluminum tables

Belt size 1" x 42" & 2" x 42". Belt speed 3,100 fpm.
Belt table 10-1/4" x 6", tilt: 45° out. Disc size 8" dia. Disc speed 3,450 rpm.
Disc table 10-3/4" x 7", tilt: 10° in, 45° out. Tool weight 40 lbs.

Includes miter guide, 2 belt platens, 1" & 2" 100 grit sanding belts & 8" 100 grit sanding disc.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420632	15-142M1	120	1/2	1	Push-button	\$517.00



4" Belt / 6" Disc Sander

SKIL 4 Amp motor 2-in-1 sanding station for sanding a variety of lengths and angles. Beveling table allows 45° to 90° sanding.

- 0-90° belt angle adjustment

- Miter gauge for sanding miter angles
- Quick shut-down safety switch
- Tension spring adjustment for secure belt tracking
- Cast iron base w/pre-drilled holes for easy bench top mounting

Belt size 4" x 36". Disc size 6" dia.

Includes abrasive disc & belt, miter gauge, tilting table, wrenches, dust port.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
260571	3376-01	120	.4	1	Manual	\$173.00



2" Belt / 8" Disc Sander

JET The design of this machine permits sanding, grinding and finishing of outside curves or odd-shaped pieces. Heavy-duty base, cast construction and cast iron tilting table.

- Deluxe miter gauge that turns and locks for common angles, 45° both left & right
- Grind, sand or finish large work pieces on the disc unit fast & efficiently
- Easy belt changes with a variety of grit belts, keeps the machine cool
- Hinged idler wheel cover
- Removable platen
- Dust deflector & chute
- 2-yr. mfr.'s warranty

Belt size 2"W x 42"L. Belt speed 3,100 sfpm. Disc size 8" dia.
Disc speed 3,450 rpm. Table size 10-3/4"L x 7-1/2"W.
Table tilt 45° up/down (*belt table*), 45° (*disc table*).
Tool size 20-1/2"L x 22-3/4"W x 20"H. Tool weight 58 lbs.

Includes miter gauge, 2 @ 1-1/2" dia. dust chutes & hex wrenches (3, 4, 6mm).

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486017	J-41002	115	3/4	1	Manual	\$506.00

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



6" Belt / 9" Disc Sanders

J E T 3/4 HP motor handles tough sanding operations. Large cast iron table has preset stops at 90° and 45° for belt sander use vertically, horizontally or anywhere in between.

- Tracking adjustment knob w/quick-lock handle keeps belt on track during use
- Graphite covered steel platen runs cooler increasing machine & belt life
- Belt guard allows full use of the 6" belt (W & L)
- Rubber-coated drive drum has a better grip on the sanding belt for less slippage
- Quick-release belt tension lever makes belt changes fast & easy
- Quick-lock dust cover allows fast disc changes
- Built-in handles
- 4" dust port collects dust from belt & disc
- 5-yr. mfr.'s warranty

Belt size 6" x 48". Belt speed 2,258 sfm. Disc size 9" dia. Disc speed 1,725 rpm. Table size 12"L x 7-1/2"W. Table tilt 10°/45° up/down (belt table), 10°/45° up/down (disc table). Tool size 29"L x 16"D x 45-1/2"H. Tool weight 159 lbs. (JSG-96OS), 196 lbs. (JSG-96CS).

Includes 80-grit sanding belt, 80-grit sanding disc, tilting table, backstop, circle jig & steel stand.

Open Stand

Stk.	Mfr.	Volts	HP	Phase	Price
486003	JSG-96OS	115	3/4	1	\$921.00

Enclosed Stand

486004	JSG-96CS	115	3/4	1	\$1,021.00
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6" Belt / 10" Disc Sander

Rikon Sander offers a powerful motor, high positioned disc location, cast aluminum disc table with rack & pinion table angle-setting handle system. Belt frame adjusts in any position from horizontal to vertical to meet your sanding needs. The belt's support fence can be removed for full access to the whole length of the belt.

- Frame & base made of cast iron for extra rigidity
- Spring loaded tension automatically keep belt at best-operating level
- Belt tracking knob allows correct positioning of belt on frame
- PSA sandpaper disc applies quickly to metal disc plate for instant use
- Work table adjusts 0° to 90° w/large locking handle for sanding angles
- Dust hood & port for efficient dust removal
- On/Off switch w/removable safety tab for extra security
- Mfr.'s 5-yr. warranty

Belt size 6" x 48". Belt speed 1,836 sfpm. Disc size 10" dia. Disc speed 2,510 rpm. Table size 6-3/4" x 13". Belt tilt 0°-90°. Tool size 31-1/2"L x 22"W x 41-1/2"H. Weight 86.6 lbs.

Includes stand, miter gauge, sanding disc & sanding belt.

Stk.	Mfr.	Volts	HP	Phase	Price
694220	50-122	120	1	1	\$417.00

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6" Belt / 12" Disc Sanders

J E T Operate horizontally, vertically and at any angle in between using this belt sander. Disc and sanding tables feature quick reference positional stops at 90° & 45°.

- Belt tracking adjustments are easily made w/dual thumb screws
- Belt guard allows full usage of the 6"W belt
- 2 precision-ground cast iron tables w/miter gauge slots
- 4" dust port base collects most dust before it becomes airborne

Belt size 6"W x 48"L. Belt speed 2,500 sfm. Disc size 12" dia. Disc speed 1,725 rpm. Table size 12"L x 10"W. Table tilt 20°/45° up/down (belt table), 25°/45° (disc table). Tool size 29-1/2"L x 28"W x 39-1/2"H. Tool weight 210 lbs.

Includes miter gauge, back stop, 60-grit sanding belt, 60-grit sanding disc, 4" dust chute & open stand.

Please specify voltage. 115V will be shipped if not specified.

Open Stand

Stk.	Mfr.	Volts	HP	Phase	Price
485849	JSG-6DCK	115/230	1-1/2	1	\$1,368.00

Enclosed Stand w/Casters

485899	JSG-6CS	115/230	1-1/2	1	\$1,680.00
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6" Belt / 12" Disc Sander

General Intl. 1 HP sander features 2 large, cast iron tilting tables for unlimited sanding operations. Sanding belt operates at any angle from horizontal to vertical.

- Safety switch & thermal overload protection prevent motor damage
- Graphite-covered steel plate reduces friction & extends belt life
- Heavy-duty, enclosed cabinet protects motor from sanding dust
- Quick-change belt tension lever for fast changes
- Two 4" dia. dust ports
- CSA Approved

Belt size 6"W x 48"L. Belt speed 1,570 sfm. Belt table size 6"L x 10"W x 42-1/2"H w/tilt 45° down, 15° up. Disc size 12" dia. Disc speed 2,000 rpm. Disc table size 7"L x 16"W x 33-7/8"H w/tilt 45° down, 20° up. Tool size (base) 15"L x 19-1/2"W x 53-7/8"H. Tool weight 215 lbs.

Includes 2 tilting tables, two 4" dust ports, aluminum oxide belt, aluminum oxide disc, enclosed stand & manual.

Please specify voltage. 110V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420625	15-015M1	110/220	1	1	Push-button	\$1,384.00



“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com

MIDWEST Technology



6" Belt / 12" Disc Sanders Model 31A

POWERMATIC Full cast iron construction for metal and woodworking. Integral dual dust port keeps belt and disc clean and extends tool life. Articulating table mounted on 6" x 48" belt sander head has 3 positive stops, plus head lock to use at any angle.

- Multi-position head w/no tool changes
- Table belt head tilts 0° to 45° downward w/miter gauge slot & adjusts for various angles
- Fast tensioning & quick tracking knobs for quick abrasive changing & tracking

- Removable top guard for contour sanding
- Full cast iron platen w/solid crowned aluminum drums ensures steady belt tracking w/no heat build-up
- 12" balanced disc w/tilt table 15° to -45° w/miter slot for accurate pattern work & versatility

Belt size 6"W x 48"L. Belt speed 2,410 sfm. Disc size 12" dia.

Disc speed 2,375 rpm.

Table size 7-1/2"L x 13"W x 36"H w/tilt 45° down (belt), 6-1/2"L x 14-1/2"W x 34"H w/tilt 45° down, 15° up (disc).

Sanding arm locking positions 0°, 45° & 90°.

Tool size 31-1/4"L x 24"W x 54-1/2"H. Tool weight 247 lbs.

Includes 2 tilting tables, 4" dust collector, 80 grit aluminum oxide belt, 80 grit aluminum oxide disc, controls & stand.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656656	1791291K	115/230	1-1/2	1	Push-button	\$1,680.00
656657	1791292K	230/460	2	3	Push-button	\$1,680.00



Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90

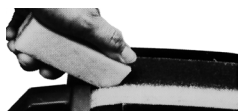


Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4" T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00



Belt & Disc Cleaner

Woodstock Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt & disc sanders.

Stk.	Mfr.	Size	Price
786800	W1305	1-3/8" x 1-3/8" x 8-1/2"	\$9.32
786802	W1307	2" x 2" x 12"	\$18.00

Sanding Belts & Discs

Quantity Savings!

Ali Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
943285	3210	1"W x 30"L	120	3	\$6.24	
943286	3211	1"W x 30"L	80	3	\$6.24	
943287	3212	1"W x 30"L	50	3	\$6.24	

Norton Close Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
603438	20865	1"W x 42"L	320	1	\$2.51	
603437	20870	1"W x 42"L	240	1	\$2.51	
603436	20871	1"W x 42"L	220	1	\$2.45	
603435	20875	1"W x 42"L	180	1	\$2.84	
603434	20880	1"W x 42"L	150	1	\$2.45	
603433	20885	1"W x 42"L	120	1	\$2.84	
603432	20890	1"W x 42"L	100	1	\$2.84	
603431	20895	1"W x 42"L	80	1	\$2.95	
603430	20900	1"W x 42"L	60	1	\$3.06	
603429	20905	1"W x 42"L	50	1	\$3.12	
603428	20910	1"W x 42"L	40	1	\$3.43	

Surf-Pro Close Coat Belts Aluminum oxide abrasive, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
682873	SP10B02042120A	2"W x 42"L	120	1	\$5.72	
682872	SP10B02042080A	2"W x 42"L	80	1	\$5.98	
682871	SP10B02042060A	2"W x 42"L	60	1	\$6.32	
682870	SP10B02042040A	2"W x 42"L	40	1	\$7.23	

Norton Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
604520	27957	4"W x 36"L	120	1	\$7.11	
604521	27959	4"W x 36"L	80	1	\$7.25	
604522	27961	4"W x 36"L	50	1	\$7.68	
604523	27958	4"W x 36"L	100	1	\$7.11	
604524	27960	4"W x 36"L	60	1	\$7.66	
604525	27962	4"W x 36"L	40	1	\$8.26	
606305	27981	6"W x 48"L	120	1	\$10.40	\$9.36
606314	27982	6"W x 48"L	100	1	\$10.40	\$9.36
606371	27983	6"W x 48"L	80	1	\$10.80	\$9.72
606380	27984	6"W x 48"L	60	1	\$11.20	\$10.10
606385	27985	6"W x 48"L	50	1	\$11.70	\$10.50
606437	27986	6"W x 48"L	40	1	\$12.20	\$11.00
606438	27987	6"W x 48"L	36	1	\$12.80	\$11.50

Kalamazoo Open Coat Belts Aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
491152	KB460100	4"W x 60"L	100	1	\$21.50	
491151	KB46080	4"W x 60"L	80	1	\$21.50	
491150	KB46050	4"W x 60"L	50	1	\$21.50	

Close Coat Discs Adhesive-backed aluminum oxide cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price	10 or more
600485	01994	5" dia.	120	2	\$6.90	
600486	01996	5" dia.	80	2	\$6.90	
600483	01987	6" dia.	120	2	\$8.04	
600488	01989	6" dia.	80	2	\$8.04	
607250	36355	8" dia.	120	1	\$3.89	
607254	36354	8" dia.	80	1	\$4.14	
607256	36576	8" dia.	60	1	\$4.31	
607258	36351	8" dia.	40	1	\$4.85	
600480	01973	9" dia.	120	2	\$10.20	
600481	01975	9" dia.	80	2	\$10.20	
606650	36613	12" dia.	120	1	\$6.87	
606652	36614	12" dia.	100	1	\$6.87	
606654	36615	12" dia.	80	1	\$7.25	
606655	36620	12" dia.	60	1	\$7.75	
606658	36630	12" dia.	40	1	\$8.68	



Feathering Disc Adhesive

3M Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
590401	08051	5 oz.	\$24.90



Spray Adhesive

Elmer's Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
257620	E451	Standard	11 oz.	\$7.78
257623	E456	Extra Strength	10 oz.	\$10.20



High-Strength Spray Adhesive

Krylon Permanent, high-strength adhesive w/extended open tack time (30 min. dry to touch, 3 hrs. dry to handle). Dries clear w/out bleed through, will not swell, wrinkle or warp, acid free & archival-safe. Use for wood, metal, wicker, plastic, glass, craft foam, plaster, ceramic, fabric, paper & paper mache.

Stk.	Mfr.	Qty.	Price
943196	7010	11 oz.	\$8.26



Super 77™ Multipurpose Adhesive Aerosol

3M High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
590400	77	16.5 oz.	\$22.10

OSCILLATING SPINDLE SANDERS



Oscillating Spindle Sander Model JBOS-5

JET 1/2 HP TEFC motor accommodates even the heaviest sanding projects. Sander features a large, cast iron workspace tilting table (0-45°) 1" spindle oscillation provides a scratch-free finish and prolongs sleeve life.

- 4 non-skid rubber feet prevent moving while in use
- Built-in dust port to collect dust before it becomes airborne
- Removable safety switch

Spindle speed 1,725 rpm. Oscillations 30/min., 1"L.
Table size 14-1/2"L x 14-1/2"W x 18-1/2"H. Table tilt 45° up & down.
Tool size 14-1/2"L x 14-1/2"W x 24-1/2"H. Tool weight 77 lbs.

Includes 1/4", 1/2" & 5/8" spindles, 1-1/2" & 2" complete spindles, 2 round table inserts & 2 oblong table inserts.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485874	JBOS-5	110	1/2	1	Manual	\$598.00



Benchtop Oscillating Spindle Sander

General Intl. Features a rotating and oscillating effect to ensure exceptional finishing results. Precision-ground, cast iron table tilts for sanding beveled parts.

- 5 interchangeable, 100 grit spindles 1/4" to 2" dia., 2 w/rubber drums
- 4 table inserts fit different spindle sizes
- Compact design for mobility & easy storage

• On-board, side-mounted spindle storage

• 2" dust port w/2" to 4" adapter

• CSA Approved

Spindle speed 1,720 rpm. Oscillations 29/min., 15/16"L.

Steel drums (dia. x L): 1/4" x 6", 1/2" x 6", 5/8" x 6", 1-1/2" x 5-1/2", 2" x 5-1/2".

Rubber drums (dia. x 5-1/2"L): 1-1/2" & 2". T

able size 14-1/2"L x 14-1/2"W x 18-5/16"H. Table tilt 45° up/down.

Tool size 14-1/2"L x 14-1/2"W x 26"H. Tool weight 81 lbs.

Includes 5 spindles (1/4" to 2"), 2 rubber drums (1-1/2", 2"), 4 table inserts, dust port adapter, wrenches, enclosed steel-base stand & manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420635	15-220MI	110	1/2	1	Manual	\$714.00



Bench Oscillating Spindle Sander

DELTA Heavy-duty 1/4 HP motor with direct drive operation delivers quiet, smooth operation. Sanding Spindle Set included with 1", 1-1/2", 2" and 3" rubber spindles, drum plates, abrasive sleeves and table inserts.

- Pre-drilled base holes for mounting sander to stand or workbench
- Removable on/off switch prevents unauthorized use
- 2 built-in compartments for storing drums & sleeves
- Built-in dust collection system
- Replaceable oil-impregnated bearings

Spindle speed 1,725 rpm. Oscillations 60/min., 7/8"L. Spindle 1/2" dia.

Drum capacity 3/4" to 3". Table size 18" dia. Tool size 18"L x 18"W x 15"H.

Tool weight 45 lbs.

Includes Sanding Spindle Set, cast iron table, table insert, 3/4" sanding drum, 3/4" sanding sleeve, 1/2" spindle, dust bag, 3/16" Allen wrench & 1/2" socket wrench.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
728049	SA350K	120	1/4	1	Manual	\$364.00



Oscillating Spindle Sander

Rockwell Small, 1/2 HP sander with a durable die-cast iron table top and interchangeable sanding drums and sleeves.

- 21 sanding accessories allow use of different diameter spindles
- Rubber foot pads reduce vibration

• On-board drum & spindle insert storage

Spindle speed 2,000 rpm. Oscillations 58/min., 5/8"L. Spindle 1/2" dia.

Drum capacity 1/2" to 3". Table size 14-1/2" x 11-3/8" dia.

Tool size 20.70"L x 16.10"W x 18.10"H. Tool weight 34 lbs.

Includes dust port, 4 spindles inserts (1/2" to 3"), 6 sanding sleeves, 5 rubber drums (3/4" to 3"), 6 table inserts, wrench.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
693880	RK9011	120	1/2	1	Manual	\$218.00



Floor Model Oscillating Spindle Sander

General Intl. 1 HP motor with rugged, oil-bath gearbox for increased durability. Precision-ground, cast iron tilting table. Heavy-duty base with on-board tool storage. Sanders combine the rotation of a drum sander w/up & down oscillation.

- Precision ball bearing spindle for solid, smooth performance
- 10 removable spindles 1/4" to 4" dia. (1" to 4" size w/ rubber drums)

- Oil level sight gauge allows instant level check during operation
- 3 interchangeable table inserts
- 4" dust port
- CSA Approved

Spindle speed 1,725 rpm. Oscillations 75/min., 1-1/2"L.

Steel drums (dia.): 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/2", 2", 3" & 4".

Rubber drums (dia. x 9"L): 1", 1-1/2", 2", 3" & 4".

Table size 24-1/4"L x 24-1/4"W x 39"H. Table tilt 45° up/down.

Tool size 24-1/4"L x 24-1/4"W x 43"H. Tool weight 319 lbs.

Includes 10 removable spindles (1/4" to 4" dia.), 5 rubber drums (1" to 4" dia.), 3 table inserts, wrenches, enclosed steel stand & manual.

Please specify voltage. 110 will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420628	I5-020MI	110/220	1	1	Manual	\$1,995.00



Oscillating Spindle Sander Model JOSS-JET

- Baffles create a chamber under table for improved dust collection
- 4 dust ports connect to dust collection system
- Integrated storage provides designated slots for spindles & table inserts
- Sealed access door minimizes dust in storage area
- 1-1/2" oscillating action reduces friction heat to protect wood & prolong sleeve life

- Main spindle support runs on precision ball bearings, oscillated by a heavy-duty worm & gear mechanism
- Spindles have threaded ends for quick, easy changes
- Worm & gear mechanism runs in oil bath to prolong life & durability
- Mfr.'s 5-yr. warranty

Spindle speed 1,720 rpm. Oscillations 75/min., 1-1/2".

Table size 24-1/2"W x 24-1/2"L x 39-3/16"H. Table Tilt 15° & 45°.

Tool size 24-1/2"W x 24-1/2"L x 44-3/16"H. Tool weight 216 lbs.

Includes 10 spindle assemblies (1/4" - 4"), 6 table inserts, spindle hex nut, wrench & hex wrench.

Prewired 115V.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
486037	JOSS-S	115/230	1	1	Manual	\$1,827.00

Sanding Drums

Clesco Locks sanding sleeve securely in place. Tighten the nut/screw to expand the rubber cylinder for a strong hold. Great for straight or contour sanding of wood, metals & plastics. Use on electric drill, flexible shaft & drill press.

Stk.	Mfr.	Drum Dia.	Drum Width	Shank	Price
305380	D-832-2	1/2"	2"	1/4"	\$3.62
305384	D-1232-2	3/4"	2"	1/4"	\$3.98
305388	D-1632-2	1"	2"	1/4"	\$4.29
305392	D-2432-2	1-1/2"	2"	1/4"	\$4.44
305394	D-3224-2	2"	1-1/2"	1/4"	\$5.17
305396	D-4848-4	3"	3"	1/2"	\$20.20

Sanding Drum Kits

Clesco For sanding, polishing and finishing, plus grinding curves, corners, flat surfaces or irregular shapes. Drums have 1/4" shank dia. drums (except 1/2" x 1/2" with 1/8" dia.) that permits drum to be used on most rotary tools (i.e. Dremel & Freedom) with smaller chuck capacities or 1/8" collets. Spiral bound, cloth backed, aluminum oxide abrasive sheets dissipate heat quickly, reduce burning on wood and can handle heavy loads.

15-Piece Includes 5 regular drums (1/2" x 1/2", 3/4" x 1", 1" x 1", 1-1/2" x 1-1/2", 2" x 1-1/2"), 10 sleeves (1 fine 120 grit & 1 coarse 50 grit for ea. drum size) & box.

Stk.	Mfr.	Price
305400	SDK-1	\$19.70

28-Piece Includes 4 extra long drums (1/2" x 2", 3/4" x 2", 1" x 2" & 1-1/2" x 2") & 24 sleeves (6 medium 80 grit for ea. drum size).

Stk.	Mfr.	Price
305401	SDK-28	\$21.10

Sanding Sleeves

Clesco Aluminum oxide on X weight paper, resin-bonded with cloth backing.

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
305112	696-50X	3/8"	6"	50	1	\$2.44
305113	696-80X	3/8"	6"	80	1	\$2.44
305114	696-120X	3/8"	6"	120	1	\$2.44
305096	488-50X	1/4"	5-1/2"	50	1	\$2.24
305097	488-80X	1/4"	5-1/2"	80	1	\$2.24
305098	488-120X	1/4"	5-1/2"	120	1	\$2.24
305120	832-50X	1/2"	2"	50	1	\$0.70
305121	832-80X	1/2"	2"	80	1	\$0.68
305122	832-120X	1/2"	2"	120	1	\$0.68
305129	872-50X	1/2"	4-1/2"	50	1	\$1.88
305130	872-80X	1/2"	4-1/2"	80	1	\$1.80
305131	872-120X	1/2"	4-1/2"	120	1	\$1.80
305137	888-50X	1/2"	5-1/2"	50	1	\$2.44
305138	888-80X	1/2"	5-1/2"	80	1	\$2.44
305139	888-120X	1/2"	5-1/2"	120	1	\$2.44
305146	896-50X	1/2"	6"	50	1	\$2.44
305147	896-80X	1/2"	6"	80	1	\$2.44
305148	896-120X	1/2"	6"	120	1	\$2.44
305164	1088-50X	5/8"	5-1/2"	50	1	\$2.61
305165	1088-80X	5/8"	5-1/2"	80	1	\$2.44
305166	1088-120X	5/8"	5-1/2"	120	1	\$2.61
305157	1096-50X	5/8"	6"	50	1	\$2.61
305158	1096-80X	5/8"	6"	80	1	\$2.61
305159	1096-120X	5/8"	6"	120	1	\$2.61
305170	1232-50X	3/4"	2"	50	1	\$0.70
305171	1232-80X	3/4"	2"	80	1	\$0.68
305172	1232-120X	3/4"	2"	120	1	\$0.68
305179	1272-50X	3/4"	4-1/2"	50	1	\$1.88
305180	1272-80X	3/4"	4-1/2"	80	1	\$1.88
305181	1272-120X	3/4"	4-1/2"	120	1	\$1.88
305312	12144-50X	3/4"	9"	50	1	\$4.32
305309	12144-80X	3/4"	9"	80	1	\$4.32
305308	12144-120A	3/4"	9"	120	1	\$4.32
305200	1632-50X	1"	2"	50	1	\$0.87
305201	1632-80X	1"	2"	80	1	\$0.87
305202	1632-120X	1"	2"	120	1	\$0.87
305209	1672-50X	1"	4-1/2"	50	1	\$1.88
305210	1672-80X	1"	4-1/2"	80	1	\$1.88
305211	1672-120X	1"	4-1/2"	120	1	\$1.88
305315	16144-50X	1"	9"	50	1	\$5.52
305316	16144-80X	1"	9"	80	1	\$5.52
305317	16144-120X	1"	9"	120	1	\$6.25
305230	2432-50X	1-1/2"	2"	50	1	\$0.87
305231	2432-80X	1-1/2"	2"	80	1	\$0.82
305232	2432-120X	1-1/2"	2"	120	1	\$0.76
305239	2472-50X	1-1/2"	4-1/2"	50	1	\$2.44

Sanding Sleeves**Clesco** Aluminum oxide on X weight paper, resin-bonded with cloth backing.

Stk	Mfr	Drum Dia.	Drum Width	Grit	Qty	Price
305240	2472-80X	1-1/2"	4-1/2"	80	1	\$2.44
305241	2472-120X	1-1/2"	4-1/2"	120	1	\$2.44
305274	2488-50X	1-1/2"	5-1/2"	50	1	\$3.08
305275	2488-80X	1-1/2"	5-1/2"	80	1	\$3.28
305276	2488-120X	1-1/2"	5-1/2"	120	1	\$3.08
305322	24144-50X	1-1/2"	9"	50	1	\$5.02
305323	24144-80X	1-1/2"	9"	80	1	\$5.18
305324	24144-120X	1-1/2"	9"	120	1	\$5.60
305254	2832-50X	1-3/4"	2"	50	1	\$1.45
305256	2832-120X	1-3/4"	2"	120	1	\$1.73
305260	3224-50X	2"	1-1/2"	50	1	\$0.87
305261	3224-80X	2"	1-1/2"	80	1	\$0.87
305262	3224-120X	2"	1-1/2"	120	1	\$0.87
305269	3272-50X	2"	4-1/2"	50	1	\$2.75
305270	3272-80X	2"	4-1/2"	80	1	\$2.75
305271	3272-120X	2"	4-1/2"	120	1	\$2.94
305277	3288-50X	2"	5-1/2"	50	1	\$3.98
305278	3288-80X	2"	5-1/2"	80	1	\$3.98
305279	3288-120X	2"	5-1/2"	120	1	\$3.98
305332	32144-50X	2"	9"	50	1	\$5.72
305333	32144-80X	2"	9"	80	1	\$5.72
305334	32144-120X	2"	9"	120	1	\$5.72
305233	4848-50X	3"	3"	50	1	\$2.24
305234	4848-80X	3"	3"	80	1	\$2.24
305235	4848-120X	3"	3"	120	1	\$2.08
305289	4872-50X	3"	4-1/2"	50	1	\$3.98
305290	4872-80X	3"	4-1/2"	80	1	\$3.81
305291	4872-120X	3"	4-1/2"	120	1	\$3.98
305296	4888-50X	3"	5-1/2"	50	1	\$5.02
305297	4888-80X	3"	5-1/2"	80	1	\$5.18
305298	4888-120X	3"	5-1/2"	120	1	\$5.02
305342	48144-50X	3"	9"	50	1	\$7.59
305343	48144-80X	3"	9"	80	1	\$7.06
305344	48144-120X	3"	9"	120	1	\$7.06

4" x 9" Sanding Sleeves**Woodstock** Aluminum oxide hard sanding sleeves.

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
785603	D1505	4"	9"	60	1	\$13.50
785604	D1506	4"	9"	80	1	\$13.50
785605	D1508	4"	9"	120	1	\$13.50

**Universal Tool Table**

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90

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DRUM SANDERS**JET Drum Sanders**

- TEFC direct drive motor - continuous duty w/overload protection for heavier use over longer periods of time (43 in./lb. of torque)
- SandSmart™ infinitely variable-feed control produces finish at 0-12' per min.
- Sand veneers as thin as 1/16" w/out press-back applications or special jigs
- Conveyor bed - precision-flattened, reinforced steel, no-give power feed belt
- Conveyor belt Trackers™ - dramatically reduces manual belt adjustments
- Abrasive take-up fasteners - for quick, easy abrasive changes
- Tension rollers - zinc-plated steel in/outfeed rollers mount next to drum for sanding small or thin stock automatically without a press-back application or special jigs, plus are adjustable for height & downward pressure
- Handwheel makes radical height changes quickly, plus minute changes for extremely precise sanding thickness control
- 1 feed/1 drive motor - provides superior sanding control
- On/Off switch - w/overload protection is front-mounted
- Ball bearings - 1" sealed, permanently lubricated
- Drum - w/adj. height & downward pressure eliminates snipe, made of self-cooling, precision-machined & balanced extruded aluminum
- 4" dia. dust port - for shop vacuum or high cfm dust collector
- 5-yr. mfr.'s warranty

Light assembly required.**Mini 10-20 Plus**

JET 1 HP, 20" sander has all of the quality of larger Jet models, but is perfect for shops with space limitations, or to meet a budget.

Drum 5" x 10".
Sanding capacities: 20"W (2 passes) x 3"T,
2-1/4"L x 1/32"T.

Feed rate 0-12 fpm. Height adj. 1/16" per turn.
Tool size 27"L x 20"W x 20"H. Weight 85 lbs.

Includes conveyor belt, abrasive strip & easy-read depth gauge.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
618508	628900	115	1	1	1,700	\$965.00

Stand w/Shelf

618502	638004					\$282.00
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**16-32 Plus**

JET 1.5 HP, 16" sander's precision-machined drum operates at 1,720 rpm.

Drum 5" x 16".
Sanding capacities: 16"W (1 pass), 32"W (2 passes) x
3" thickness, 2-1/4"L x 1/32" thickness.
Feed rate 0-10 fpm. Height adj. 1/16" per turn.
Tool size 32"L x 23"W x 18"H. Weight 164 lbs.

Includes conveyor belt, abrasive strip, depth gauge & metal stand w/shelf.**Shown w/table & casters, sold separately.**

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
618510	629004K	115	1.5	1	1,720	\$1,321.00

10" Infeed/Outfeed Table

Stk.	Mfr.	Price
618560	98-1601	\$225.00

Swivel & Locking Caster Set 4/pkg.

Stk.	Mfr.	Price
618555	98-0130	\$152.00



22-44 Pro-3

J E T 3 HP, 22"W sander with digital readout (DRO) displays exact thickness of the finished piece, or allows the user to preset the exact thickness desired.

- Suspended drum is supported on both ends w/a truss-like carriage arm for greater strength & easy table surface alignment

- Infeed & outfeed tables provide extra workpiece support

Drum 5" x 22". Sanding capacities: 44"W x 4"T, 2-1/4"L x 1/32"T.

Feed rate 0-10 fpm. Height adj. 3/32" per turn.

Tool size 41"L x 41"W x 52"H. Weight 385 lbs.

Includes conveyor belt, abrasive strip, locking depth gauge, infeed/outfeed table, 4 locking swivel casters & metal stand.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
618517	649600	230	3	1	1,600	\$3,008.00



22-44 Oscillating Drum Sander

J E T Continuous-duty 1-3/4 HP, 22"W sander with the push of a button can be operated as a simple or oscillating sander. As a linear sander, the drum rotates as the conveyor feeds the workpiece through.

When in the oscillating mode, in addition to the linear sanding operation, the sanding drum head oscillates from left to right and lowers heat build-up on the sanding belt to reduce loading and burning.

Drum 5" x 22". Sanding capacities: 44"W x 4"T, 2-1/4"L x 1/32"T.

Feed rate 0-10 fpm. Height adj. 3/32" per turn.

Tool size 46.6"L x 23.5"W x 52.5"H. Weight 336 lbs.

Includes Trackers™, conveyor belt, abrasive strip, locking depth gauge & metal stand.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
618518	659006K	115	1.75	1	1,700	\$2,777.00

Swivel & Locking Caster Set 4/pkg.

Stk.	Mfr.	Price
618555	98-0130	\$152.00



24" Dual Drum Sander

General Intl. 3 HP sander with 2 dynamically-balanced 5" aluminum drums provides smooth operation. Features dual V-belt sanding drums, steel frame and heavy-duty base for greater stability.

- Screws adjust parallelism between sanding drums & conveyor table
- Graduated depth scale (*inches & metric*) indicates sanding thickness

- High-quality conveyor belt for long life
- 1/6 HP conveyor belt motor w/safety switch & removable key
- Large handwheel adjusts conveyor table height
- Magnetic safety switch
- Two 4" dust ports
- CSA Approved

Sanding capacities: 24"W x 5"T, 5"L x 1/4"T. Feed rate 3-20 fpm. Height adj. 1/16" per turn. Tool size 42-1/2"L x 16-1/2"W x 51"H. Weight 570 lbs.

Includes 80-grit abrasive strip, 100-grit abrasive conveyor belt, enclosed stand, 2 dust ports & manual.

Stk.	Mfr.	Volts	HP	Phase	RPM	Drum	Price
420640	15-250M1	220	3	1	1,550	5" x 24"	\$3,150.00



ShopPro 25 Drum Sander

SuperMax SandSmart control automatically adjusts conveyor speed based on load. Prevents gouging, damaging or burning stock. Provides consistent finish even w/varying grain pattern and density. Greatly increases abrasive planing and dimensioning speed.

- Precision-flattened steel conveyor bed reinforced w/4 steel cross sections for no "flex" in conveyor, guaranteeing flatness to less than .010" across width of sander
- Abrasive conveyor belt grips raw wood to accommodate stock that is much shorter or thinner
- Abrasive Attachment System effectively tensions the abrasive wraps, preventing loose abrasive & overlap
- Self-cooling drum prevents overheating & extends abrasive life
- Tension rollers are adjustable in height & hold down pressure
- Cast stand, zinc-plate steel bed, centerless ground column tubes

Sanding capacities: 25"W x 4"T, 2-1/4"L x 1/32"T. Feed rate 0-10 fpm.

Height adj. 3/32" per turn. Tool size 31"L x 46"W x 43"H.

Weight 325 lbs. (*shipping*).

Includes 80 grit abrasive strip.

Stk.	Mfr.	Volts	HP	Phase	RPM	Drum	Price
618506	925002	120	1-3/4	1	1,740	5" x 25"	\$2,099.00

25"W Infeed/Outfeed Table

Stk.	Mfr.	Price
618565	98-2201	\$169.00

Swivel & Locking Caster Set 4/pkg.

Stk.	Mfr.	Price
618555	98-0130	\$152.00



38" Drum Sander

SuperMax Perfect for the small shop or woodworking enthusiast, the SuperMax 19-38 Drum Sander reduces the tedium of hand sanding, speeds up the sanding process and produces more consistent results. Sander offers 19"W sanding in a single pass and 38" in a double pass.

- Simple alignment feature makes aligning conveyor to sanding head fast & easy
- Drum carriage is bolted to base, preventing movement or alignment issues
- Thrust bearing below handle & nut positioned above prevents drum from moving out of set position while sanding
- INTELLISAND™ technology automatically adjusts conveyor speed based on load, provides consistent finish, increases abrasive planing & dimensioning speed
- Precision steel conveyor bed guarantees flatness to less than .010" across width of sander
- Abrasive attachment system tensions abrasive wraps, preventing loose abrasive & overlap
- Self-cooling drum prevents overheating & extends abrasive life
- Tension rollers are adjustable in height & hold down pressure, eliminating snipe
- Mfr.'s 2-yr. warranty

Sanding capacities 38"W (2 passes) x 4"T, 2-1/4"L x 1/32"T.

Feed rate 0-10 fpm. Tool size 42"L x 26"W x 24"H. Weight 286 lbs.

Includes stand, casters & pre-wrapped 80-grit sandpaper.

Shown with Infeed/Outfeed tables & accessories, sold separately.

Stk.	Mfr.	Volts	HP	Phase	RPM	Drum	Price
618480	71938-D	110	1-3/4	1	1,740	5" x 19"	\$1,679.00



Dual Drum Sanders

POWERMATIC 5 HP, 25" sander features a 2-speed forward/reverse gearbox. Heavy-duty poly conveyor belt for a positive grip.

- Full cast iron table w/4 solid jackscrews & chain drive timing
- Dual steel drums w/hard durometer rubber coating for flat, mar-free finish
- Independently adjustable rear drum for easy fine tuning

- Dual 4" dust collection w/directional baffles
- Heavy steel base provides vibration-free sanding w/storage space

Sanding capacities: 25"W x 5-1/4"T, 9"L x 1/32"T. Feed rate 8-12 fpm. Height adj. 1/16" per turn.

Tool size 43"L x 44"W x 43"H. Weight 730 lbs. (1791290).

Tool size 64"L x 45"W x 45"H. Weight 962 lbs. (1791320).

Includes 2-speed gearbox, enclosed stand, dust ports & tool kits.

Stk.	Mfr.	Volts	HP	Phase	RPM	Drum	Price
656655	1791290	230	5	1	1,700	6" x 25"	\$4,859.00
656671	1791320	230	7.5	1	1,700	6" x 37"	\$7,130.00



17" x 54" Open End Drum Sanders

POWERMATIC Open end sander features front-mounted controls and load meters that maintains a constant check during operation. Metal-tipped safety limiters inside the machine stop the sander should a belt break.

- Combination head promotes consistent finish
- Pneumatic conveyor belt tracking keeps belt centered
- Side access door for easy belt changes

Sanding capacities: 13.75"L x 5"T. Feed rate 2,200 sfm.

Tool size 40"L x 29"W x 66"H. 996 lbs.

Includes emergency rail stop, emergency stop button, sanding belt, enclosed stand & 4" dust port.

Stk.	Mfr.	Volts	HP	Phase	Drum	Price
656612	1791250	230	5	1	17" x 54"	\$6,721.00
656613	1791251	230/460	7.5	3	17" x 54"	\$6,721.00

656613|Please specify voltage. 230V will be shipped if not specified.

Wide Belt & Drum Cleaner

Woodstock Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
786900	D3003	15" x 20" x 1-1/8"	\$107.00

General Intl. Sanding Belts

General Intl. For General Intl. Drum Sander Models 15-150 & 15-250.

4"W x 108-3/4"L. 1/pkg.

Stk.	Mfr.	Grit	Price
420642	15-252	60	\$35.10
420643	15-253	80	\$35.10
420644	15-254	100	\$35.10
420645	15-255	120	\$35.10
420646	15-256	150	\$35.10

Place your order on-line!
www.midwesttechnology.com

Premium Ready-to-cut Bulk Abrasives

J E T Upright dispenser box for easy reel-out of abrasive. Rolls include color-coded cut-line markings for each drum size. Yield is measured in wraps w/each wrap being the exact length of abrasive material needed to cover drum 1 time.

Number of wraps per bulk box for sander model:

- **JET 16-32 & 16-32 Plus:**
19 wraps/box for 50 to 220 grit & 14 wraps/box for 36 grit
- **JET 22-44, 22-44 Pro, ProMax, S/T:**
14 wraps/box for 50 to 220 grit & 10 wraps/box for 36 grit
- **SuperMax 25, 25x2, ShopPro 25:**
12 wraps per box for 50 to 220 grit & 9 wraps/box for 36 grit
- **SuperMax 37, 37x2:**
8 wraps/box for 50 to 220 grit & 9 wraps per/for 36 grit
- **SuperMax 50x2:**
6 wraps/box for 50 to 220 grit & 4 wraps/box for 36 grit

Stk.	Mfr.	Grit	Price
618530	60-9036	36	\$229.00
618532	60-9060	60	\$229.00
618534	60-9080	80	\$229.00
618536	60-9100	100	\$229.00
618538	60-9120	120	\$229.00
618540	60-9150	150	\$229.00
618542	60-9180	180	\$229.00
618544	60-9220	220	\$229.00

EDGE SANDERS



6" x 89" Edge Sander OES-80CS

J E T Oscillating feature reduces heat build-up on sanding belt to reduce loading and burning. Belt platen made from precision-ground steel plate.

- Sanding belt can be locked in at vertical, horizontal & any angle for optimum finishing
- Quick release lever & tracking control dial conveniently located for replacing & tracking belts

- Belt platen made from precision-ground steel plate for true sanding
- Cast iron table moves up/down for exact positioning
- Adjustable outer drum support table for contour sanding
- Tilting sanding head for bevels, angles & flat surfaces
- 5-yr. mfr.'s warranty

Belt size 6" x 89", speed 3,900 fpm. Oscillating distance 3/4".

Platen tilting 0° to 90°. Sanding drum 4-3/8" dia. x 6-1/4"L.

Table size 32" x 7". 9-7/8" x 11-7/8" auxiliary table. Table adjustment 5".

Tool size 46"L x 18"W x 38"H. Tool weight 270 lbs.

Includes miter gauge, removable fence, horizontal backstop, heavy-duty stand, 4" dust port, sanding belt & drum.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
485997	OES-80CS	115/230	1-1/2	1	Magnetic	\$1,200.00

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



6" x 89" Edge Sander

General Intl. Sanding belt operates at any angle from horizontal to vertical. Accurate belt tension and tracking adjustment.

- Adjust cast iron table up & down for full belt use
- Use 3" dia. sanding drum w/auxiliary table for contour sanding
- Safety switch w/key
- Adjustable cast iron miter gauge

- Adjustable, removable front table fence
- Graphite backing reduces friction for longer belt life
- Easy, one lever abrasive belt tension adjustments
- Heavy-duty enclosed stand
- Single knob tracking control
- CSA Approved

Belt size 6" x 89", speed 3,900 fpm. Oscillating distance 1/4". Platen tilting 0° to 90°. Sanding drum 3" dia. x 6-1/2"L. Table size 29-5/8" x 9-7/8" front table, 11-7/8" x 9-7/8" auxiliary table. Table adjustment 5" up & down. Tool size 50"L x 21"W x 49"H. Tool weight 277 lbs.

Includes 3" dia. sanding drum w/collar inserts, removable fence, safety switch w/key, miter gauge, enclosed stand, 4" dust port, Allen wrench, hardware & manual.

Please specify voltage. 220V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420620	15-005SM1	110/220	1-1/2	1	Magnetic	\$1,574.00



6" x 108" Edge Sander

General Intl. Dynamically-balanced 7" rubber drive roller and crowned 3" idler roller ensure solid belt tracking. Heavy steel base ensures a solid stable platform while sanding.

- Adjust MDF table up/down for full belt use

- Hinged dust hood accommodates oversized stock
- Front table can be inclined R&L
- Use 3" dia. sanding drum w/auxiliary table for contour sanding
- Easy, one lever abrasive belt tension adjustments
- Graphite backing reduces friction for longer belt life
- Auxiliary table allows curved sanding
- Single knob tracking control
- CSA Approved

Belt size 6" x 108", speed 3,150 fpm. Oscillating distance 1/4". Platen tilting 0° to 90°. Sanding drum 3" dia. x 6-1/2"L. Table size 37" x 7-3/4" front table, 19" x 11-3/4" auxiliary table. Table adjustment 6" up & down. Tool size 62"L x 20-1/2"W x 41"H. Tool weight 453 lbs.

Includes 3" dia. sanding drum w/collar inserts, front & auxiliary tables, dust hood, Allen wrenches & wrenches, heavy-duty stand, 4" dust port, manual.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
420622	15-010SM1	220	2	1	Magnetic	\$2,842.00



9" x 138-3/4" Edge Sander Model OES9138

POWERMATIC Large table on the oscillating edge sander travels a full 8"H and tilts (-5°/+45°). Graphite-covered cast iron platen allows production sanding with workpiece support and cooler running.

- 24 opm allows use of the entire belt face without burning

- Precision-balanced drive drum (9" dia.) & rubber-coated idler pulley (4" dia.) provide positive drive & rigid tracking
- Head pivots on a massive shaft w/2 sealed ball bearings
- Large abrasive belt handles large workpieces
- Rugged, bearing-assisted tensioning device
- Large radius auxiliary table provides vertical travel & tilting
- Heavy-duty oscillating gearbox & shaft
- Hinged guard opens for infinite length sanding
- Easy-access pedestal control switch

Belt size 9" x 136-3/4", speed 3,542 fpm. Oscillating distance 3/4". Dust collection chute 4" dia. (2).

Table size 11-3/4" x 48" x 34-1/2", tilts 5°/45° in/out. Auxiliary table size 18" radius, tilts 40°/45° in/out. Table adjustment 8" up. Auxiliary table adjustment 6" up. Tool size 83"L x 32"W x 50"H. Tool weight 800 lbs.

Includes tilting main & end tables, platen w/graphite pad, miter gauge & heavy-duty stand.

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
656646	1791282	230	3	1	Magnetic	\$5,959.00
656658	1791293	230/460	3	3	Magnetic	\$5,739.00

656658|Please specify voltage. 230V will be shipped if not specified.

Edge Sander Belts

NORTON Aluminum Oxide Sanding Belts. Resin-bonded, X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
608533	60059	6"W x 89"L	40	1	\$21.40
608532	60061	6"W x 89"L	60	1	\$24.80
608528	60062	6"W x 89"L	80	1	\$23.70
608531	60063	6"W x 89"L	100	1	\$22.80
608529	60064	6"W x 89"L	120	1	\$22.80
608536	60081	6"W x 108"L	60	1	\$26.10
608526	60082	6"W x 108"L	80	1	\$24.90
608537	60083	6"W x 108"L	100	1	\$23.80
608527	60084	6"W x 108"L	120	1	\$23.80
608321	49196	9"W x 138"L	80	1	\$63.00
608320	46737	9"W x 138"L	150	1	\$61.00

“ Would you like to schedule a call or meeting? ”



Kevin Luft ext. 3105
kluft@midwesttechnology.com

WIDE BELT SANDERS



15" Open Type Wide Belt Sander

General Intl. Open type wide belt sander provides optimum sanding results without need for special operator skills.

- Internal dust shroud for efficient dust control
- Totally enclosed stand w/storage area
- High quality conveyor belt for long service life
- Reinforced pressure roller brackets
- Large panel stop switch for added safety
- Side & rear extension tables
- Independent safety switch w/removable key
- Metal hand wheel controls sanding head height
- Sand up to 30" material in 2 passes. (Finish sanding may be required)

Feed motor 3 HP. Feed rate 3-20 fpm. Conveyor motor 1/6 HP. Board working size 15"W x 4" max. thickness, 5'L min. Tool size 39"L x 52"W x 64-1/2"H (w/tables fully extended). Weight 400 lbs.

Includes rear & side extension tables, 2 sanding belts, 3 wrenches, 3 allen keys.

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
420630	15-030M1	220	3	1	15" x 39-1/2"	\$3,654.00



37" Wide Belt Sanders

Safety Speed Cut High quality components and unique design promotes trouble free, easy-to-use low maintenance operation. Perfect for any woodworking shop. USA made.

- Heavy welded construction minimizes vibration for consistent, smooth operation
- Photo electric eye controls pressure air piston belt tracking
- 4-post acme jackthread table support for fast, accurate table height adjustment
- 3-ply gum rubber rough-top endless conveyor belt
- Welded 6" dust chute & internal shielding for easy integration into most existing dust collection systems
- Large hinged access door make belt change fast & easy

Air requirements 65 psi, 1 cfm. Feed motor 3/4 HP (DC).

Feed rate 0-18' fpm. Table height adjusts 7-1/4". Working thickness 7-1/4". Working width 36". Tool size 50-1/2"L x 47"W x 63"H.

Tool weight 1,400 lbs.

Includes pneumatic belt tensioning, 2-1/2" removable platen, 2 rubber-covered pinch rollers, 2 machined idler rollers, rubber-covered contact roller & emergency stop.

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
770605	3760-10-1	230	10	1	37" x 60"	\$11,983.00
770607	3760-15-3	230	15	3	37" x 60"	\$12,319.00

Wide Belt & Drum Cleaner

Woodstock Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
786900	D3003	15" x 20" x 1-1/8"	\$107.00



VS Wide Belt Sanders w/Digital Readout

POWERMATIC Centralized controls allow access on 1 easy-to-work panel. VS feed belt provides accurate dialing of precise feed speed to suit project and work environment.

- Digital readout allows presetting of desired thickness & shows exact thickness of finished workpiece
 - 3-motor system provides maximum HP to drive the drums, a second motor to power the VS feed belt & a third motor to easily raise/lower the feed table for desired thickness
 - Air-bye system controls belt oscillation, prevents belt from running off the drum's end & uses sanding surface uniformly to prevent sanding lines on workpiece
 - Auto thicknesser captures workpiece to provide exact thickness
- Air requirements 60 psi, 3 cfm. Dust ports 2 @ 5". Feed motor 1 HP. Feed rate 15-49' fpm. Table hoist motor 1/4 HP. Board working size 37"W x 6 max. thickness, 12"L min. Table height adjusts 31-3/8" to 37-3/8".

Includes 2 sanding belts (100 & 180 grit), felt pad, graphite strip, tool box (w/ door key, pull hook, adj. rod, 2 limit switch tubes, hex & open end wrenches, slotted & Phillips screwdrivers) & manual.

Please specify voltage. 230 will be shipped if not specified.

37" Sander Size 52-3/8"L x 84-5/8"W x 57-1/2"H. Weight 1,970 lbs.

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
656551	1790837	230/460	20	3	37" x 75"	\$18,208.00

25" Sander Size 52-3/8"L x 84-5/8"W x 45-1/4"H. Weight 1,650 lbs.

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
656550	1790825	230/460	15	3	25" x 75"	\$13,067.00

Wide Belt Sander Belts

NORTON Open coat, aluminum oxide sanding belts on resin-bonded, X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
608602	60331	25"W x 60"L	60	1	\$64.80
608603	60332	25"W x 60"L	80	1	\$59.70
608604	60333	25"W x 60"L	100	1	\$56.30
608605	60334	25"W x 60"L	120	1	\$56.30
608607	60336	25"W x 60"L	180	1	\$56.30
608589	60351	25"W x 75"L	60	1	\$74.90
608590	60352	25"W x 75"L	80	1	\$69.10
608591	60353	25"W x 75"L	100	1	\$65.20
608592	60354	25"W x 75"L	120	1	\$65.20
608610	60498	37"W x 60"L	36	1	\$73.00
608614	60501	37"W x 60"L	60	1	\$59.20
608616	60502	37"W x 60"L	80	1	\$54.60
608618	60503	37"W x 60"L	100	1	\$51.50
608620	60504	37"W x 60"L	120	1	\$51.50
608622	60506	37"W x 60"L	180	1	\$51.50
608594	60521	37"W x 75"L	60	1	\$74.20
608595	60522	37"W x 75"L	80	1	\$68.40
608596	60523	37"W x 75"L	100	1	\$64.40
608597	60524	37"W x 75"L	120	1	\$64.40

Felt & Graphite Pads

POWERMATIC For Powermatic RB & PM wide belt sanders.

Felt

Stk.	Mfr.	Size	Price
681250	6288602	25" x 60"	\$112.00
681270	6288702	37" x 60"	\$130.00

Graphite

681251	6288603	25" x 60"	\$86.60
681271	6288703	37" x 60"	\$98.90

STANDS, TABLES & MOBILE MACHINE BASES



Standard Mobile Bases

DELTA Increase mobility for stationary machines. Move them across the shop or out of the way for storage. Bases are made of heavy-gauge steel & feature a foot-operated control lever that raises & lowers the base for easy positioning.

Mobile Base. For 54A & 54HH jointers.

Stk.	Mfr.	Price
760515	50-274	\$87.50

Mobile Base. For 36-L336.

Stk.	Mfr.	Price
760440	50-2000	\$339.00

Mobile Base. For 36-L352 & 36-L552.

Stk.	Mfr.	Price
760441	50-257	\$363.00

Mobile Bases

POWERMATIC

Mobile Base. For 54A & 54HH jointers.

Stk.	Mfr.	Price
658405	2042374	\$296.00

Mobile Base. For 60C & 60HH jointers.

Stk.	Mfr.	Price
658407	2042376	\$296.00

Mobile Base. For PJ882 & PJ882HH jointers.

Stk.	Mfr.	Price
655241	1610078	\$334.00



Adjustable Mobile Base

HTC Products No need to worry about matching mobile bases to same name tools, this base adjusts to accommodate any company's tool.

- Stable 4-wheel design
- Lifetime mfr.'s warranty
- 500 lb. capacity

Max. size: square 36" x 36", rectangle 20" x 52".
All sides extend from 12"-52". Tool weight 18 lbs.

Includes all parts & wheels.

Stk.	Mfr.	Price
476467	HTC2000	\$106.00



Heavy-duty Universal Adjustable Mobile Base

HTC Products Heavy-duty adjustable mobile base is perfect for extra carrying capacity & size flexibility. Slotted side rails allow for an exact

machine fit & increases machine height by just 1". Foot activated fixed wheel locks.

- Stable 4-wheel design
- Mfr.'s lifetime warranty
- 700 lb. capacity

Max. size: square 38" x 38", rectangle 22" x 54".
All sides extend from 14"-54". Tool weight 18 lbs.

Includes all parts & wheels.

Stk.	Mfr.	Price
476469	HTC3000	\$135.00



Heavy Duty Universal Mobile Base

General Intl.

- 2 heavy-duty 3" wheels
- 2 heavy-duty swivel casters
- Load capacity: 1,000 lbs.

Minimum square size 22-1/2" x 22-1/2".
Maximum square size 29-1/2" x 29-1/2".
Maximum rectangular size 34-1/2" x 29-1/2".

Stk.	Mfr.	Price
420769	50-035	\$240.00



Universal Mobile Bases

JET Spring-pin, quick snap allows tool-free adjustments (*width & length*) & easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed & 2 swivel casters.

Standard Universal Mobile Base 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

Stk.	Mfr.	Price
486113	JMB-UMB	\$114.00

Industrial Universal Mobile Base 24" sq. to 34" sq., 1,200 lb. capacity. 5/8" clearance.

485786	JMB-UMB-HD	\$198.00
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Extension Kit For use w/Industrial & Standard Bases. Increases base length 16" additional inches. Quick snap, tool-free adjustments. 2 swivel casters.

486118	708158	\$118.00
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Pedestal Roller Stand

Port A Mate Pedestal roller provides stable support & assists in the movement of larger workpiece materials.

- Premium polished steel ball bearing roller
- Durable powder coat finish
- High strength ABS adjustment handle
- Non-slip rubber feet
- Assembles in 5 minutes
- Wide stance for extra stability
- Folds flat

Height 27" - 43-3/4".

Stk.	Mfr.	Rollers	Width	Capacity	Price
476510	PM5080	1	11.25"	132 lbs.	\$31.50
476511	PM5083	1	11.25"	200 lbs.	\$40.30



Stock Stand

HTC Products Galvanized ball bearing roller.
Height 28" - 45-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476462	HSS-18	1	16"	1-3/8"	\$168.00



Stock Roller Stand

Shop Fox Heavy-gauge, all-steel welded unit w/quick-fold leg for easy set-up. Stable T-bar base. Ball-bearing roller. Non-marring foot pads. Stores flat.

Height 24.5" - 42". Capacity 150 lbs.

Stk.	Mfr.	Rollers	Width	Price
785637	D2054	1	13"	\$32.30

**Material Support Stand**

J E T Heavy-duty cast iron & steel construction. Chrome plated ball bearing roller heads. Locking screws provide added safety. Roller heads are interchangeable. 2-yr. mfr.'s warranty.

Height 23.5" - 38.5". Capacity 2,000 lbs.

Stk.	Mfr.	Rollers	Width	Price
486030	414121	1	14"	\$153.00
486031	414122	V-roller		\$162.00

**Roller Extension Tables**

HTC Products Portable conveyors are built to last w/durable adjustable wedge-shaped support legs that can handle large loads. Heavy-duty, all steel welded construction plus steel ball bearing rollers make moving stock through your saw or planer easier. Non-marring nylon leveling glides are included to adjust for uneven floors. Unit folds neatly & legs latch for storage.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476484	HRT-70	17	15"	66"	\$404.00
476489	HRT-90	17	24"	66"	\$495.00

**Pedestal Roller Table**

HTC Products Galvanized steel ball-bearing rollers easily move stock. Durable, adjustable wedge-shaped support legs.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476476	HRT-10	5	15"	18"	\$239.00

**Universal Tool Table**

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90

**Tool Stand**

Shop Fox 24"H sturdy tool stand w/non-slip rubber feet. 27-1/2" x 31-1/2" (at base), 17-3/4" x 22" (at top). 1,000 lb. capacity.

Stk.	Mfr.	Price
785635	D2275	\$76.80

**Tool Table & Universal Stand**

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00

AIR CLEANERS & FILTRATION SYSTEMS**Air Cleaner**

Shop-Vac Quiet-operating, 2-stage filtration system for use on bench top, floor or ceiling mount.

- 2,000 sq./in. of filtration area captures particles as small as 5 microns

- 1.4 amp, 235 cfm system keeps shop cleaner
- Durable, epoxy-coated steel housing w/molded poly-end castings
- Tool-free filter maintenance
- Power indicator light
- UL listed
- Easy-grip top handle
- 2-yr. mfr.'s warranty

Cycles/Hr. 60 (292 sq./ft. room). Size 26"L x 17" dia. Weight 15 lbs.

Includes 10' cord, toggle switch, pleated cartridge filter & foam sleeve.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
773990	103-00-00	120	.146	235	\$180.00

**3-Speed Air Filtration Systems**

J E T Electrostatically-charged outer filter removes 98% of all particles 5 microns in size; inner filter removes 85% of particles 1 micron in size. Set the convenient timer for 2, 4 or 8 hour increments and system will shut itself off at the time you have set.

- Remote control adjusts speeds, timer & on/off switch
- Place heavy-duty metal unit on workbench or suspend from ceiling
- Standard size outer filter can be replaced w/out tools
- Inner 8-pocket filter can be blown out or washed

1/6 HP Cycles/Hr. 12.20 (20' x 20' x 8' room).

Stk.	Mfr.	Volts	Speed (cfm)	Weight	Price
485844	AFS-1000B	115	550-1,044	54 lbs.	\$467.00

1/3 HP Cycles/Hr. 31.91 (40' x 40' x 10' room).

Stk.	Mfr.	Volts	Speed (cfm)	Weight	Price
485895	AFS-2000	115	800-1,700	110 lbs.	\$780.00

Air Filters J E T**3-Pocket Inner Filter 1 micron.**

Stk.	Mfr.	Item	Qty.	Price
485896	AFS-2IF	For AFS-2000	1	\$157.00
485915	AFS-15IF	For AFS1500	1	\$130.00
485945	AFS-1B-IF	For AFS-100B	1	\$106.00

Pleated Outer Filter 5 microns.

Stk.	Mfr.	Item	Qty.	Price
485897	AFS-2OF	For AFS-2000	1	\$68.20
485916	AFS-15OF	For AFS1500	1	\$46.20
485944	AFS-1B-OF	For AFS-100B	1	\$33.00

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PMI 200 Air Filtration System

POWERMATIC Trap up to 99% of all 5-micron particles and 85% of all 1-micron particles for a healthier work environment. 3-blower speeds modify air flow. Operate manually or with the remote control. Tool-free, instant access filter guards for removal and installation.

- Disposable electrostatic outer filter
- 20 ga. steel cabinet
- Charcoal diffusion filter disperses exhausted air
- 3-filter system
- Inner filter w/fine mesh pockets for high efficiency (*blow/wash clean*)
- Timer w/9 settings, for up to 9 hrs. of continuous operation
- Indicator light for filter replacement after 200 hrs.
- Fully-enclosed motor w/overload protection for long life

Cycles/Hr. 13-18. Size 33"L x 25"W x 13"H. Weight 67 lbs.

Includes 3 filters (*inner, disposable outer & charcoal diffusion*), 4 eye bolts w/ hex nuts & washers for suspension, 2 built-in carry handles.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
656673	1791330	115	1/4	547-1,196	\$555.00

Inner Filter Fine mesh bags attached to sturdy aluminum frame capture up to 85% of 1 micron dust particles. Blow or wash clean.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
656590	1791082				\$95.00

Outer Filter Capture up to 99% of 5 micron dust particles. Disposable.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
656591	1791083				\$28.50



Pro Turbo Air Cleaning System

General Intl. Quietly and efficiently filters non-metallic airborne dust particles. This unit is not a woodworking dust collector. When used with an adequate and properly connected dust collector, it can help to reduce the hazards associated with airborne dust particles.

- Filters up to 98% of 5 micron particles & up to 85% of 1 micron particles
- Will not affect ambient room temperature
- Superior 2-stage filtration system includes a disposable, pleated outer filter & a 3 pocket inner filter
- Toolless filter changes
- All steel construction w/durable powder coated finish
- Select between continuous run or timer operation, including 1-15 hr. timer run settings in 1 hour increments

Cycles/Hr. 20 (15' x 20' x 8' room).

Size 28"L x 24"W x 12"H. Weight 68 lbs.

Includes disposable outer filter, 3 pocket inner filter, 4 rubber feet, remote control & 4 top mounted eye-bolts w/flange nuts.

Requires 2 AAA batteries, sold separately.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
420612	10-550M1	110	1/8	800	\$726.00

3-Pouch Inner Filter 1/pkg.

420550	10550-30				\$105.00
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Outer Filter 1/pkg.

420613	10-560				\$55.00
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Super Turbo Air Cleaning System

General Intl. Quietly and efficiently filters non-metallic airborne dust particles in the workshop. This unit is not a woodworking dust collector. When used with an adequate and properly connected dust collector, it can help to reduce the hazards associated with airborne dust particles.

- Filters up to 98% of 5 micron particles & up to 85% of 1 micron particles
- Will not affect ambient room temperature
- Superior 2-stage filtration system includes a disposable, pleated outer filter & 3 pocket inner filter
- All steel construction w/durable powder coated finish
- Designed for around the clock operation
- 3 fan speeds
- Toolless filter changes
- 5 pre-programmed timer settings

Cycles/Hr. 28 (20' x 20' x 8' room).

Size 30"L x 24"W x 14"H. Weight 86 lbs.

Includes disposable outer filter, 3 pocket inner filter, 4 rubber feet, remote control & 4 top mounted eye-bolts w/flange nuts.

Requires 2 AAA batteries, sold separately.

Stk.	Mfr.	Volts	HP	Speed (cfm)	Price
420614	10-600CIM1	110	1/3	700/900/1,250	\$722.00

3-Pouch Inner Filter, 1/pkg.

420551	10600-02				\$142.00
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DUST COLLECTORS



1.3 HP Dust Extractor

Rikon Small canister-type vacuum system with a 12 gallon capacity and plenty of power. Easily portable from machine to machine with its top carry handle. For dry use only.

- Quick clamp for easy access to canister & filters
- 95 dB
- 0.5 micron filtration
- Mfr.'s 5-yr. warranty

Capacity 12 gal. Tool Size 14-3/4" dia. x 25-3/8"H. Weight 22 lbs.

Includes 4" x 10' hose, hose clamps, filter cartridge & replacement paper filters.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
694250	63-100	115	1	106	\$230.00



Portable Dust Collector

General Intl. Powerful 1 HP dust collector features sealed bearings and shaft for quiet, long-lasting operation. Wide dust hood captures chips, dust and debris.

- Adjustable, multi-position steel support arm accommodates a variety of different machines & applications
- 30 micron filtration
- Support arm extends up to 12"
- Dust hood (10" x 4") rotates 360°
- Comfort-grip carrying handle for easy portability
- Flexible collection hose (4" x 6')
- 78 dBA
- CSA Approved

Static pressure in water 4-5/16". Capacity 15 gal. Tool size 44-1/2"L x 18-7/8"W x 43-1/4"H. 51 lbs.

Includes 4" dia. vacuum hose, dust collector bag, wide dust hood, adjustable support arm & manual.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
420605	10-050M1	110	1	700	\$491.00



1 HP Dust Collector Model 10-030CF

General Intl.

- Powerful 1 HP motor features sealed bearing & shaft for quiet, long-lasting operation
- Safety switch with key. Unit cannot be started when key is removed from the switch
- Precision spin-balanced impeller for smooth operation & minimal noise
- Reusable clear plastic collector bag for improved dust collection efficiency
- Collector body mounted on 3 heavy-duty supports
- Quick-release bag clamps w/metal straps
- High efficiency one micron canister filter
- Large 7" rubber wheels for exceptional stability & smooth mobility
- CSA Approved

Static pressure in water 6-3/4". Capacity 15 gal.

Tool size 31-1/8"L x 18-7/8"W x 47-5/8"H. Tool weight 67 lbs.

Includes 1 micron canister filter, 2 swivel casters & (2) 7" rubber wheels.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
420604	10-030CFM1	110	1	506	\$665.00



1 HP Dust Collectors Model 10-105

General Intl. Powerful 1 HP, TEFC permanently-lubricated motor with a continuous duty rating designed for industrial applications. Precision spin-balanced steel impeller for smooth operation, minimal noise.

- Safety switch w/key

- Washable, extra-fine 2-micron filter bag (10-005M1), or 1-micron filter canister (10-005CFM1)
- 15" dia. heavy-duty collection bags of extra-thick, clear plastic
- Quick-release bag clamps w/metal straps
- Heavy-duty construction w/4 swivel casters for stable mobility
- 5" heavy-duty PVC hose between fan & collector
- Collector body mounted on 3 heavy-duty rods
- Intake screen prevents chips from jamming the impeller
- 9" dia. blower wheel
- 75 to 80 dBA
- CSA Approved

Static pressure in water 6". Capacity 20 gal.

Tool size 30-3/4"L x 17"W x 54-1/4"H. Tool weight 57 lbs.

Includes 2-micron filter bag (10-005M1) or 1-micron filter canister (10-005CFM1), plastic collection bags, quick-release clamps, intake screen, 4" dia. inlet, 4" x 5" collection hose & heavy-duty base w/4 swivel casters.

Bag Filter

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
420600	10-005M1	110	1	647	\$569.00

Canister Filter

420602	10-005CFM1	110	1	647	\$854.00
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Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.



Dust Collectors Model PM1900TX

POWERMATIC Unique Turbo-Cone™ technology improves chip separation, prevents filter clogging and increases packing efficiency of collector bags. Multiple connection port capability makes machine a central dust collection system for the entire woodworking

shop. 3 HP, 1 phase collectors for use with planers, wide belt sanders, table saws and more.

- 96% of 30 micron (179201K) or 98% of 2-micron (1792072K) particles collected
- Program remote-controlled digital timer for up to 99 min.
- Powerful 14 dia. steel impeller
- Quick-change collection bags
- All-metal duct improves air flow
- Easy-move casters & handles

Static pressure in water 11.31". Capacity 10 cu. ft.

Noise level 75-90 dBA. Impeller 14" dia.

Hose inlets 3 @ 4" dia. or 1 @ 8" dia.

Tool size 61"L x 30"W x 94"H (179201K), 72"H (179202K).

Tool weight 211 lbs. (179201K), 268 lbs. (179202K).

Includes remote control, triple 4" dust port (or one 8"), handles & 4 swivel casters.

Bag Filter Includes 2 cloth filter bags, 2 cloth collection bags w/ windows.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
656686	1792071K	230	1	1,754 @ 8" port	\$1,294.00

Canister Filter Includes 2 canister filters & 2 clear collection bags.

656687	1792072K	230	1	1,782 @ 8" port	\$1,529.00
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3 HP Dust Collectors

General Intl. Powerful 3 HP, TEFC permanently-lubricated motor with a continuous-duty rating designed for industrial applications. Precision, spin-balanced aluminum impeller for smooth operation, less noise.

- 2 washable extra-fine 2-micron filter bags (10-210M1), or two 1-micron filter canisters (10-210CFM1)
- Heavy-duty collection bags of extra-thick, clear recyclable plastic
- Heavy-duty construction w/4 swivel casters for stable mobility
- Steel collector body mounted on 3 heavy-duty rods
- Quick-release bag clamps w/metal straps
- 12" dia. blower wheel
- Safety switch w/key
- 85 to 95 dBA

Static pressure in water 5-9/16". Capacity 83 gal.

Tool size 60"L x 32-5/8"W x 76"H. Tool weight 165 lbs.

Includes two 2-micron filter bags (10-210M1) or two 1-micron canister filter (10-210CFM1), 2 heavy-duty plastic collection bags, quick-release clamps, 6" dia. inlet & three 4" dia. inlets, heavy-duty base w/4 swivel casters & manual.

Bag Filter

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
420610	10-210M1	220	1	2,280	\$1,473.00

Canister Filter

420611	10-210CFM1	220	1	2,280	\$2,089.00
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Dust Collectors Model DC-650

J E T Collectors hook-up to 1 to 3 machines at a time for optimum dust cleaning. Permanently-lubricated, TEFC 1 HP motor rated for continuous duty.

- Economical, quiet 1-stage design
- Quick-install filter & collection (DC-650BK) bags for easy emptying
- 9-1/2" steel impeller

- Easy-move casters
- 5-yr. mfr.'s warranty

Static pressure in water 6-1/2". Capacity 2.1 cu. ft. Noise level 65-70 dBA. 4" dia. hose inlet. Tool size 27"L x 14"W x 57"H (DC-650CK), 61"H (DC-650CK). Tool weight 86 lbs. (DC-650CK), 99 lbs. (DC-650CK).

Includes 4 heavy-duty casters.

Please specify voltage. 115V will be sent if not specified.

Bag Filter Includes 30 micron filter bag, collection bag, see-through dust bag.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
486105	DC-650BK	115/230	1	650	\$464.00

Canister Filter Includes 2 micron canister filter, 14" dia. clear disposable collection bag.

486128	DC-650CK	115/230	1	650	\$708.00
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Dust Collectors DC1200VX

J E T Collector features a Vortex Cone™ which improves chip separation and prevents filter clogging while increasing packing efficiency of the collector bag. Industrial-quality construction effectively handles wood chips and sawdust. Permanently-lubricated, TEFC 2 HP motor is continuous-duty rated.

- Economical, quiet 1-stage design

- Industrial controls for long life
- Quick-install collection bags for easy emptying
- 96% of 30 (BK1) micron particles collected
- 98% of 2 (CK1) micron particles: 86% of one micron particles collected
- High air velocity design
- Steel impeller
- Easy-move casters
- Mfr.'s 5-yr. warranty

Static pressure in water 11-1/2". Capacity 5.3 cu. ft. Noise level 80-85 dBA. Impeller 12". Hose inlets 2 @ 4" dia. or 1 @ 6" dia. Tool size 37"L x 22"W x 79"H. 138 lbs. (BK1) 37"L x 28"W x 72"H. 170 lbs. (CK1)

Includes double 4" dust port (or one 6") & 4 heavy-duty casters.

Bag Filter Includes 30 micron filter bag, 20" dia. collection bag, see-through dust bag.

Stk.	Mfr.	Volts	Phase	Air Volume (cfm)	Price
486013	DC-1200VX-BK1	230	1	1,200	\$670.00

Canister Filter Includes 2 micron canister filter, filter cleaning baffles, 20" dia. disposable collection bag.

486014	DC-1200VX-CK1	230	1	1,200	\$914.00
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2-Stage Dust Collector

General Intl.

- High quality motor designed specifically for heavy-duty use & long service life
 - Simple design for easy set-up & maintenance
 - Efficient collection & separation of large chips
 - Remote control for convenient operation from virtually anywhere in shop
 - Equipped w/ultra efficient one micron canister filter w/total surface area of 40.3 sq. ft.
 - Canister filter equipped w/crank handle/internal shaker for easy filter cleaning w/out removing bag
 - Sturdy steel support frame & collection drum equipped w/casters for complete mobility
 - Quick-remove drum lid handle mechanism for fast, tool-free drum cleaning
- 1-1/2 HP. Static pressure in water 8". Capacity 30 gal. Size 45-5/8"L x 47-1/4"W x 69-1/4"H. Weight 156 lbs.
- Includes** support frame, remote control, 1 micron canister filter, plastic chip collection bag, 30 gallon drum, casters & manual.

Stk.	Mfr.	Volts	Air Volume (cfm)	Price
420618	10-805CFM1	110	778	\$1,680.00



2-Stage Cyclone Dust Collectors

Donaldson Efficient and economical units to remove large contaminants. Constructed of heavy-gauge metal with fully-welded seams and joints to provide long-term operation in applications generating heavy particulate loading, high temperatures and wet contaminants.

Dirty air enters the cyclone where centrifugal force moves the particulate against the cone wall and out of the air stream to the collection unit. Clean air is then exhausted out of the cyclone.

It's only moving part - the inner fan - requires very little maintenance. The collector's long, tapered cyclone profile results in higher velocity operation and increased particle separation efficiency. An optional After-filter Assembly allows filtered air to recirculate back into the room (sold separately).

- Air flow levels - available from 860 to 5600 cfm
- High-efficiency, powerful, direct-drive blower - positioned on the clean-air side of the unit reduces maintenance & energy costs
- Proprietary internal helix design - improves centrifugal air flow & collection efficiency
- Cyclone stand & collection drum - ease particulate disposal, reducing maintenance costs & downtime
- Fan/outlet - orientation can be positioned in 45° increments for greater installation flexibility
- Base orientation - can be positioned in 90° increments, optimizing drum accessibility
- Airtight drum - allows high volume particulate collection

Cyclone Dust Collector

Stk.	Mfr.	HP	Air Volume (cfm)	Pressure	Inlet Vel. (fmp)	Price
120805	CYC-19-2	2	860-1,200	7.9-4.6	4,380-6,135	Call for Price
120806	CYC-20-5	5	1,500-2,500	11.4-5.0	4,290-7,140	Call for Price
120807	CYC-24-7.5	7.5	1,950-3,500	13.4-4.4	3,580-6,450	Call for Price
120808	CYC-30-10	10	3,000-4,500	4.0-5.0	3,820-5,730	Call for Price
120809	CYC-30-15	15	4,000-5,600	11.0-4.9	5,100-7,140	Call for Price

Cyclone Dust Collector w/After-filter Assembly Allows filtered air to be recirculated back into the room or area.

120810	CYC-19-2AF	2				Call for Price
120811	CYC-20-5AF	5				Call for Price
120812	CYC-24-7.5AF	7.5				Call for Price
120813	CYC-30-10AF	10				Call for Price
120814	CYC-30-15AF	15				Call for Price

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Radial Saw Connector

DELTA Attaches to base frame of radial arm saw, left of column.

Stk.	Mfr.	Outer Dia.	Price
760512	5140040-41	5"	\$143.00


Dust Collection Hoses
Woodstock

Hoses Tough polyethylene flexible hoses. Use as the main line & various drops to machines.

Stk.	Mfr.	Outer Dia.	Length	Price
785752	D4213	3"	10'	\$21.00
785753	D4214	3"	20'	\$32.50
785754	D4216	4"	10'	\$27.90
785755	D4218	5"	10'	\$32.40

Clear Wire-reinforced Hoses Heavy-duty flexible hoses are wire-reinforced & designed specially for dust collection. Use as either a main or branch line. Ideal for machine hook-up.

Stk.	Mfr.	Outer Dia.	Length	Price
485879	W1034	4"	10'	\$54.10
485880	W1035	5"	10'	\$62.60
485881	W1036	6"	10'	\$66.30

**Dust Collector Hose Clamps**

Woodstock Connect flexible piping, dust hoods, blast gates & fittings.

Band Clamps

Stk.	Mfr.	Outer Dia.	Price
485977	W1021	3"	\$1.14
485978	W1022	4"	\$1.33
485979	W1023	5"	\$1.41
485980	W1024	6"	\$1.71

Wire Steel Clamp

Stk.	Mfr.	Outer Dia.	Price
485976	W1316	3"	\$1.22
485935	W1317	4"	\$1.52
485936	W1318	5"	\$1.52
485937	W1319	6"	\$1.70


Blast Gates
Woodstock

Aluminum Aluminum body w/steel gate & locking knob. Use w/metal or plastic ductwork to regulate airflow to a given machine.

Stk.	Mfr.	Outer Dia.	Price
485951	W1141	3"	\$12.20
485952	W1142	4"	\$16.30

Plastic ABS plastic w/2° tapered fit for easy hookup. Use w/metal or plastic ductwork to regulate airflow to a given machine.

Stk.	Mfr.	Outer Dia.	Price
485947	W1006	3"	\$3.64
485948	W1007	4"	\$4.48
485949	W1008	5"	\$9.18
485950	W1009	6"	\$11.40

**Universal Dust Port**

Woodstock Inside dia. accepts Shop-Vac hose. ABS plastic. Attaches w/screws. Overall size 4-1/2"H x 4-1/4"W.

Stk.	Mfr.	Outer Dia.	Price
485965	W1042	2-1/2"	\$5.46

**Fittings**

Woodstock Use to branch off main lines. ABS plastic.

Y Fittings

Stk.	Mfr.	Outer Dia.	Price
485953	W1014	3"	\$6.16
485954	W1015	4"	\$9.86

T Fittings

Stk.	Mfr.	Outer Dia.	Price
485955	W1012	3"	\$5.88
485956	W1013	4"	\$10.30

**Elbows**

Woodstock 1° tapered fit for easy hookup. ABS plastic.

Stk.	Mfr.	Outer Dia.	Price
485957	W1016	3"	\$6.16
485958	W1017	4"	\$8.51

**Splices**

Woodstock Connect flexible hoses to make longer lengths. ABS plastic.

Stk.	Mfr.	Outer Dia.	Price
485966	W1018	3"	\$2.80
485967	W1019	4"	\$4.76

**Reducers**

Woodstock Use to step down from a larger size & increase air velocity. ABS plastic.

Stk.	Mfr.	Outer Dia.	Price
485959	W1020	3" to 2"	\$1.82
485960	W1041	3" to 2-1/2"	\$1.82
785756	D4225	4" to 2-1/4"	\$1.96
485961	W1044	4" to 2-1/2"	\$2.41
485962	W1011	4" to 3"	\$2.10



786705



785757

Universal Adapters

Woodstock Models provide a multitude of dust collection reducing options. Cut away unneeded steps w/ hacksaw.

7-Step

Stk.	Mfr.	Outer Dia.	Length	Price
786705	W1039	1", 2", 2-1/2", 3", 4", 5", 6"	9-1/2"	\$7.71

4-Step w/Mounting Holes

Stk.	Mfr.	Outer Dia.	Length	Price
785757	D4236	2-1/2" - 1"	6-1/2"	\$4.79



Quick Disconnect

Woodstock Designed to attach to the end of a 4" flexible hose and then press-on to any 4" outer diameter dust hood for a quick and easy friction fit. ABS black plastic.

Stk.	Mfr.	Outer Dia.	Length	Price
485963	W1038	4-1/4" / 3-7/8"	4"	\$5.04



Connector

Woodstock Flanged connector makes adding a 4" OD dust port to any machine easy. Flange diameter is 5-5/8" with pre-bored mounting holes.

Stk.	Mfr.	Outer Dia.	Length	Price
785758	D4262	4"	4"	\$5.32



Universal Dust Hood

Woodstock Fits over a 4-1/2" dust port and can be adapted to fit many woodworking tools. Use it on table saws, band saws, shapers, sanders etc. by simply attaching it directly to the machine, or by using a custom-built cabinet. Size 6-1/4"W x 6-1/4"H x 2-1/2"D.

Stk.	Mfr.	Outer Dia.	Price
485934	W1010	4"	\$3.24



Floor Sweep

Woodstock ABS plastic. Overall size 3-5/8"H x 6-3/4"D x 24"W.

Stk.	Mfr.	Outer Dia.	Price
485970	W1003	4"	\$8.51



Jointer Dust Hoods

Shop Fox Fits most jointers. 3/32"T, 4" O.D., 3/4"W flange.

Stk.	Mfr.	Fits	Price
786715	W1001	6.5" x 6.5" chute	\$3.22
786716	W1002	7" x 8.5" chute	\$3.92



Grounding Kit

Woodstock Grounds against electrical charge build-up.

Includes 50' copper wire, 8 wire nuts, 2

grounding screws, 2 wire connectors.

Stk.	Mfr.	Price
485971	W1053	\$16.30

Replacement Filter Bags

J E T

Stk.	Mfr.	Item	Price
485729	FB-1200	For DC-1200-1	\$114.00
485730	FB-650	For DC-650	\$83.60



4" Dia. Dust Collection Kits

Woodstock

4-Piece Includes 4" x 10' hose, 2 hose clamps, universal hood & instructions.

Stk.	Mfr.	Price
786710	W1054	\$33.60

17-Piece Includes 2 blast gates, two 4" x 10' hose, 10 hose clamps, table saw hood, universal hood, Y fitting & instructions.

Stk.	Mfr.	Price
786711	W1055	\$84.70

DOWNDRAFT SANDING STATIONS



Industrial Downdraft Station

Ace Industrial Mobile unit for production welding, soldering, grinding, sanding and cutting.

- 1,850 cfm high volume fume, particulate & grit extraction capability
- For large scale work projects & more than 1 operator

- Cleanable filters are designed for long life & effective performance
 - Steel tabletop grates are operator adjusted for max. airflow attenuation
 - Aluminum mesh spark trap ensures fire safety from hot embers
 - All-steel durable construction provides years of service
 - Heavy duty casters, two that swivel & lock for stability
 - Filter status gauge
 - 2-yr. mfr.'s limited warranty
 - UL Listed
- Size 60"L x 36"W x 36"H. Weight 650 lbs.

Includes pre-filter and 2 main filters (91-852).

Stk.	Mfr.	Volts	HP	Phase	CFM	Price
199300	73-900	120/240	1	single	1,850	\$7,326.00

Pre-Filter 24" x 24" x 2" spark arresting.

199320	91-851					\$191.00
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Fiberglass Main Filter 24" x 24" x 12". Cleanable, multi cell w/steel frame.

199321	91-852					\$295.00
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Grinding Center Wall 3" x 20". For 2-operator use.

199280	65900					\$492.00
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3-Sided Grinding Wall 20"H

199281	65901					\$614.00
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Al Ryan ext. 3130
aryan@midwesttechnology.com





Sand Pro Downdraft Sanding Station

SandMan Sanding stations pull small particles down and away from work and the environment.

Top is ABS plastic with holes drilled on 1-1/2" centers for doweled stop blocks and support jigs. Top has tough, durable, gripable, mar-resistant polymer brown 3/32" coating. Top's frame is constructed of solid hardwood. Deluxe cabinet is steel frame construction, and offers 10.4 cu. ft. storage area. Cabinets are primed and top-coated in tan.

- Quiet, powerful 70-74 dBA TEFC motor
- Use for pennies/day
- Rolls easily on 5" swivel casters w/2-way locks (*DL models are 4"*)
- Hardwood handles for moving and/or wrapping power cord
- Power switch w/2 extra outlets
- Convenient multiple filters - 2" deep microfibre pleated filters & blanket pre-filter for routing or heavy sealer sanding

Includes 2" pleated filters, polyester filter, 12-3 ga. 15' cord, squared stop block & rubber-coated top.

Shown w/tools, sold separately.

Economy Wood Model

Stk.	Mfr.	HP	CFM	Size	Weight	Price
769901	M4836R	3/4	2,400	48" x 36" x 34"	260 lbs.	\$2,250.00
769906	M6033R	3/4	2,400	60" x 33" x 34"	285 lbs.	\$2,400.00
769911	M7236R	1	2,800	72" x 36" x 34"	380 lbs.	\$2,700.00

Deluxe Metal Model

769920	DL7236R	1/2	3,200	72" x 36" x 38"	415 lbs.	\$3,375.00
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Replacement Filter

943008	84355.022025					\$9.97
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HC Downdraft Sanding Station

SandMan High-capacity, self contained down-draft sanding table uses 16-micron tube filters that are 99% efficient at 1 micron. Dust is then dropped into 2 easy-to-remove pans. Top is rubberized on both sides, top and bottom, to

make it reversible for twice the life. Great for collecting sanding dust, and ideal for applications that remove large amounts of stock such as routing, carving and solid surface milling.

- Quiet, powerful 78 dBA, 1.5 HP TEFC motor w/16" steel backward incline fan
- Felt-lined platform, squared stop & stainless steel hanger for 5" air orbital sander use
 - 18-mo. mfr.'s limited warranty
- Grid-system top for jigs & fixtures
 - Even draw over entire top
- Multiple filters 16 singed bags (6" x 22")
 - 3" swivel casters

Size 80"L x 30"W x 36"H. Weight 620 lbs.

Includes 16-tube filters w/2-cleanout pans, motor starter, 4 locking swivel casters, magnetic tool hanger, squared stop block, 2-sided rubber-coated top & stainless steel hanger.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	CFM	Price
769940	HC8030	220/440	1-1/2	3	3,900	\$5,625.00



Stand Alone Downdraft Table

J E T Table combines a large work surface with an efficient dust/chip collection area. Welded steel frame vents to a 4" port that easily connects to your dust collection system. Draws dust particles away without obstructing movement. Adjustable non-slip grommets secure project on the table. Attaches to

table saw or stands alone using second leg set.

Size 36"L x 30"W x 33"H. Weight 80 lbs.

Includes 10 rubber grommets & 2 leg sets.

Stk.	Mfr.	Price
486010	708403K	\$660.00



Bench Top Downdraft Table

Shop Fox A simple and economical solution to capturing the dust created by portable hand sanders. Lightweight, low profile table stores easily out of the way. Internal baffles and slot-

ted surface maximize air movement and dust control. Non skid top and feet. 4" dust port.

Size 40"L x 20"W x 6-1/4"H. Weight 24 lbs.

Stk.	Mfr.	Price
786845	W1733A	\$240.00



Portable Downdraft Table

General Intl. 4" dust port connects to shop dust collector to capture sanding dust off bench top. Internal baffles for stable maximum capacity airflow. Rubber grommets on the table

surface protect the piece. Six adjustable stops secure work piece to table. Sturdy steel frame and lightweight design for easy storage and portability.

Size 39-1/2"L x 20-1/2"W x 9-1/2"H. Weight 27 lbs.

Stk.	Mfr.	Price
420615	10-715	\$266.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.

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Dan Goodwin ext. 3104
dgoodwin@midwesttechnology.com



TOOL BOX PROJECT KITS



Metalworking Tool Box Project Kits

KBBI Company Students will experience cutting & bending metal, as well as spot welding or use of pop rivets. Each kit includes detailed instructions & accessories.

Requires galvanized metal sheets, sold separately.

Junior Tool Box Kit One kit requires 3 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) hinge, draw bolt, steel handle w/cleats & 4 nickel-plated corners.

Stk.	Mfr.	Size	Qty.	Price
232995	JTK-6	13-1/2"L x 5-1/8"W x 4-1/4"H	6 kits	\$49.00
232996	JTK-24	13-1/2"L x 5-1/8"W x 4-1/4"H	24 kits	\$182.00

Hip Roof Tool Box Kit One kit requires 8 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) 2 hinges, padlock hasp, 4 nickel-plated corners, steel handle & 2 draw bolts.

Stk.	Mfr.	Size	Qty.	Price
233002	MTK-6	18"L x 6"W x 7"H	6 kits	\$72.00
233003	MTK-24	18"L x 6"W x 7"H	24 kits	\$233.00

Large Tool Box Kit One kit requires 5 sq./ft. of sheet metal, sold separately. **Includes** (w/ea. kit) hinge, hardware, steel handle, 4 nickel-plated corners & draw bolt.

Stk.	Mfr.	Size	Qty.	Price
233007	WTK-6	18-1/4"L x 6-1/4"W x 7-1/4"H	6 kits	\$65.70
233008	WTK-24	18-1/4"L x 6-1/4"W x 7-1/4"H	24 kits	\$217.00

Metal Sheets Sioux City Foundry

Galvanized

Stk.	Mfr.	Size	Gauge	Price
884623	24GA	36" x 96"	24	\$72.40
884690	26GA	36" x 96"	26	\$97.00
884757	28GA	36" x 96"	28	\$88.00

Cold Rolled

Stk.	Mfr.	Size	Gauge	Price
884625	24GA	36" x 96"	24	\$130.00

Tool Box Continuous Hinges

Stk.	Mfr.	Item	Size	Qty.	Price
233011	KB-1314	JTK	13-3/4" x 1"	1	\$1.52
233010	KB-1734	MTK & WTK	17-3/4" x 1"	1	\$1.60

Tool Box Corners

Stk.	Mfr.	Item	Qty.	Price
233040	8095N	JTK	1	\$0.40
233039	8050N	MTK & WTK	1	\$0.44

Tool Box Latches

Stk.	Mfr.	Item	Qty.	Price
233041	44333N	MTK & WTK	1	\$2.30
233042	HC227ZE	JTK	1	\$3.70

Tool Box Handles

For Tool Box Kits MTK, WTK & JTK. **Includes** handle and 2 cleats.

Stk.	Mfr.	Finish	Qty.	Price
233012	K140N-5	Steel	1	\$2.27

For Tool Box Kits MTK & WTK.

Stk.	Mfr.	Finish	Qty.	Price
232920	350-7415	Black Handle / Nickel plated fittings	1	\$3.92

Hammered Spray Paint

Rust-Oleum Applies a distinctive hammered look &/or hides flaws & imperfections found in scratched, rusted or pitted metals. Not recommended for use on galvanized metal.

Stk.	Mfr.	Color	Size	Price
963050	7217830	Bright Red	12 oz.	\$10.40
963051	7211830	Deep Green	12 oz.	\$10.40
963052	7215830	Black	12 oz.	\$10.40

RODS, SHEETS, PLATES & METALS

Tin Plates

Reynolds Services Approx. sheet size 20" x 31". 28 gauge bright finish.

Stk.	Mfr.	Qty.	Price
688002	TP-25	25/pkg.	\$248.00
688004	TP-100	100/pkg.	\$788.00

Drill Rods

Production Tool Supply Water-hardened drill rod, polished and ground.

Stk.	Mfr.	Size	Length	Price
682843	MD50-008	1/8"	36"	\$3.48
682844	MD50-012	3/16"	36"	\$4.29
682845	MD50-016	1/4"	36"	\$4.37
682846	MD50-020	5/16"	36"	\$6.51
682847	MD50-024	3/8"	36"	\$8.43
682848	MD50-028	7/16"	36"	\$11.20
682849	MD50-032	1/2"	36"	\$13.10
682707	MD50-040	5/8"	36"	\$19.00
682708	MD50-048	3/4"	36"	\$24.00
682710	MD50-100	1"	36"	\$42.40

Threaded Rods

Production Tool Supply Steel-threaded rod, made of 1010 carbon steel. Continuously threaded.

Stk.	Mfr.	Size	Length	Threads	Price
682711	ME50-0420	1/4"	36"	20	\$2.75
682712	ME50-0518	5/16"	36"	18	\$3.78
682713	ME50-0616	3/8"	36"	16	\$4.93
682714	ME50-0714	7/16"	36"	14	\$6.30
682715	ME50-0813	1/2"	36"	13	\$8.10
682716	ME50-1011	5/8"	36"	11	\$12.50
682717	ME50-1210	3/4"	36"	10	\$17.40



Threaded Rod Rack

Durham Separate & protect threaded rods. Eighteen 2-1/16" dia. openings. Made of prime cold rolled steel w/winterlocking construction. Gray baked enamel.

Stk.	Mfr.	Size	Price
345012	367-95	24-1/8"W x 24"H x 6-7/8"D	\$103.00

Metal Sheets

Sioux City Foundry

Galvanized

Stk.	Mfr.	Size	Gauge	Price
884623	24GA	36" x 96"	24	\$72.40
884690	26GA	36" x 96"	26	\$97.00
884757	28GA	36" x 96"	28	\$88.00

Cold Rolled

Stk.	Mfr.	Size	Gauge	Price
884625	24GA	36" x 96"	24	\$130.00

Raw Metal Materials

Sioux City Foundry

Cold Rolled Rounds Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
882414	1/4"	1/4"	20'	\$15.70
882548	3/8"	3/8"	20'	\$24.30
882682	1/2"	1/2"	20'	\$39.90
882749	5/8"	5/8"	20'	\$59.30
882816	3/4"	3/4"	20'	\$82.50
882950	1"	1"	20'	\$147.00
883017	1-1/4"	1-1/4"	20'	\$229.00

Hot Rolled Angles Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
880002	1/8X1/2X1/2	1/8" x 1/2" x 1/2"	20'	\$33.00
880069	1/8X3/4X3/4	1/8" x 3/4" x 3/4"	20'	\$29.30
880130	1/8X1X1	1/8" x 1" x 1"	20'	\$31.20
880203	1/8X1-1/4X1-1/4	1/8" x 1-1/4" x 1-1/4"	20'	\$39.80
880270	1/8X1-1/2X1-1/2	1/8" x 1-1/2" x 1-1/2"	20'	\$44.30
880337	1/8X2X2	1/8" x 2" x 2"	20'	\$59.30

Hot Rolled Flats Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
881543	1/4X3/4	1/4" x 3/4"	20'	\$33.60
881610	1/4X1	1/4" x 1"	20'	\$33.20
881677	1/4X1-1/4	1/4" x 1-1/4"	20'	\$43.20
881744	1/4X1-1/2	1/4" x 1-1/2"	20'	\$46.50
881878	1/4X2	1/4" x 2"	20'	\$60.80
882213	3/8X1	3/8" x 1"	20'	\$49.50
882280	3/8X1-1/2	3/8" x 1-1/2"	20'	\$70.20
882437	3/8X2	3/8" x 2"	20'	\$89.10

Hot Rolled Rounds Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
883084	1/4"	1/4"	20'	\$12.80
883151	5/16"	5/16"	20'	\$17.30
883218	3/8"	3/8"	20'	\$22.20
883352	1/2"	1/2"	20'	\$28.50
883419	5/8"	5/8"	20'	\$39.00
883486	3/4"	3/4"	20'	\$54.60
883553	7/8"	7/8"	20'	\$73.50
883554	1"	1"	20'	\$96.00

Hot Rolled Squares Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
883620	3/8"	3/8"	20'	\$26.70
883687	1/2"	1/2"	20'	\$31.20
883754	5/8"	5/8"	20'	\$51.60
883821	3/4"	3/4"	20'	\$67.80
883955	1"	1"	20'	\$116.00

Hot Rolled Strip (Band Iron) Shipped in 5' lengths. Must be purchased in multiples of 20'.

Stk.	Mfr.	Size	Length	Price
880739	1/8X1/2	1/8" x 1/2"	20'	\$13.60
880806	1/8X3/4	1/8" x 3/4"	20'	\$17.40
880873	1/8X1	1/8" x 1"	20'	\$18.30
880940	1/8X1-1/4	1/8" x 1-1/4"	20'	\$21.90
881007	1/8X1-1/2	1/8" x 1-1/2"	20'	\$24.30
881074	1/8X2	1/8" x 2"	20'	\$30.90
881141	3/16X3/4	3/16" x 3/4"	20'	\$23.90
881208	3/16X1	3/16" x 1"	20'	\$24.00
881275	3/16X1-1/4	3/16" x 1-1/4"	20'	\$29.30
881342	3/16X1-1/2	3/16" x 1-1/2"	20'	\$35.40
881409	3/16X2	3/16" x 2"	20'	\$45.20

Square Tubing All tubing is shipped in 6' lengths. Must be purchased in multiples of 24'.

Stk.	Mfr.	Size	Length	Price
883970	1X1X.083	1" x 1" x .083"	24'	\$57.00
883971	1-1/2X1-1/2X.083	1-1/2" x 1-1/2" x .083"	24'	\$86.10
883972	2X2X.083	2" x 2" x .083"	24'	\$116.00

Rectangular Tubing All tubing is shipped in 6' lengths. Must be purchased in multiples of 24'.

Stk.	Mfr.	Size	Length	Price
883973	2X1X.083	2" x 1" x .083"	24'	\$85.50
883974	2-1/2X1-1/2X.083	2-1/2" x 1-1/2" x .083"	24'	\$116.00
883975	3X2X.083	3" x 2" x .083"	24'	\$148.00

METAL FORMING

Standalone Scroll Bender



Hossfeld Bender can be mounted in a vise. Comes complete with vise-held scroll bender frame and general purpose set of scroll dies for bending 2-1/2", 4" and 5" dia. single-turn and 6-1/2" and 8" dia. 1-1/2-turn scrolls.

Includes scroll frame, 19 u-pin (05055), 21 u-pin roller (05165), 64B scroll die, 2-1/2" dia. single-turn (21218), 65B scroll dies for 4" dia. single-turn & 6-1/2" dia. 1-1/2-turn w/assembling pin (21219), 66B scroll dies for 5" dia. single-turn & 8" dia. 1-1/2-turn w/assembling pin (21220).

Shown w/vise, sold separately.

Stk.	Mfr.	Price
141050	17000	\$839.00

Manual Hydraulic Pipe Benders



JET Rotating stand locks in 3 positions for stability and versatility. Lightweight and portable for use anywhere.

- Heavy-duty hydraulic cylinder capable of bending schedule 40 pipe
- Simple manual operation, no external power needed

Tool size 19"H x 17"W x 40"L.
Tool weight 115 lbs. (JHPB-20), 260 lbs. (JHPB-30).

2" Bender Max. wall thickness 1/5. Max. load 9 tons. Piston stroke 10-1/4". Ram dia. 1-3/4". **Includes** 6 dies (1/2", 3/4", 1", 1-1/4", 1-1/2", 2").

Stk.	Mfr.	Pipe Capacity	Price
486035	JHPB-20	1/2"-2"	\$573.00

3" Bender Max. wall thickness 6/25. Max. load 20 tons. Piston stroke 12-5/8". Ram dia. 2-1/3". **Includes** 8 dies (1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3").

Stk.	Mfr.	Pipe Capacity	Price
486036	JHPB-30	1/2"-3"	\$924.00

Bench Top Bending System



Shop Fox Jig Set bends wrought iron into curves, spirals, angles and twists using round, square or rectangular steel. Weld or fasten shaped metal pieces together to make railings, support or framework for metal furniture.

Bend, twist & roll wrought iron: 1-1/4" x 1/4" rectangular, 3/8" square or round stock. Angle bending: 60° to 90°. Circle bending: 2-3/8" dia. Twist/scroll length: 40". Riveting 1/8", 3/16" & 1/4" (up to 1-1/4"W).

Stk.	Mfr.	Price
785652	M1010	\$310.00



Universal Bender Model No. 2

Hossfeld Hand-operated metal forming machine bends radii with sharp angles in bar and angle stock, and also bends pipe and tubing in smooth curves without distortion. Versatile, fast, easy setup for production, prototype development, custom fabrication and general

maintenance. Tool-free operating die and pin assembly. Finger adjustment of mounting pins.

- Sharp, square bends on round, square or flat stock
- Radius bends on most sizes and on materials such as bar or flat stock, piping or tubing, angle iron & handrail capping
- Ornamental work

Cold Bending Specifications (double capacities for hot bending):

Sharp square flat bends: 1/2" x 4-1/2".

Heavy flat bars (1/2" R & up): 1/2" x 4-1/2".

Eye bolts 5/8". Round corner "U" bolts 1-1/4". Sharp square "U" bolts 5/8".

Square "U" bolts (1/2" R) 1-1/4".

Scrolls 3/16" x 3/4". Edgebend flats 3/8" x 1-3/4".

Round or square eyes on flats 3/8" x 4-1/2".

Angle iron flange out & in 2" x 2" x 3/16".

Standard pipe, all sizes 1/4" to 2". Tubing, 16 ga. or heavier (2" R) 3/4" O.D.

Includes general purpose dies for bending solid bar stock up to 1-1/4" round, square, or hex; 1/2" x 4-1/4" flats & standard pipe up to 2".

Shown w/stand, sold separately.

Model No. 2

Stk.	Mfr.	Price
558310	MW46005	\$1,895.00

Model No. 2 w/Attachments & Accessories Package Includes same as above, plus bulldozer-type die (21100), angle iron attachments (20779 & 20985), 180° wraparound tube die set (22589) & scroll die (21218).

141342	46025	\$3,637.00
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Universal Bender Model No. 2 Attachments

Bulldozer-type Die For bending eyes & sharp square bends on flat stock. 3/16" x 4-1/2" capacity.

Stk.	Mfr.	Price
141072	21100	\$192.00

Inward Bend Angle Iron Attachments For bending flange inward w/15" radius block. 2" x 2" x 3/16" capacity.

141470	20779	\$423.00
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Outward Bend Angle Iron Attachments For bending flange outward w/set of 5", 7", 18" & 24" radius blocks. 2" x 2" x 3/16" capacity.

141537	20985	\$500.00
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180 Wraparound Tube Die Set 3/4" O.D. Tube size x 2" centerline radius.

141150	22589	\$264.00
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Scroll Die Single turn 2-1/2" diameter scroll size. 3/16" x 3/4" capacity.

141068	21218	\$160.00
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Scroll Forming Dies For bending 2-1/2", 4" & 5" dia. single-turn scrolls & 6-1/2" & 8" dia. 1-and-a-half-turn scrolls. Scroll dies can be used w/ either the Standalone Scroll Frame (17000), the Model No. 2 Bender (MW46005) or smaller Model No. 1 Bender. **Includes** scroll dies 64B (21218), 65B (21219) & 66B (21220).

141080	21221	\$685.00
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Edgebend Die For bending flat stock edgeways when used w/outbend setup & radius blocks. 3/8" x 1-3/4" capacity.

141139	20949	\$122.00
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Edgebend Spacer Set

141137	20942	\$108.00
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Pedestal Stand

141344	20768	\$404.00
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E-Z Bend Hydraulic Bender

MetalPro This lower-cost alternative is capable of a wide range of bending applications including pipe, conduit, tubing, and round bar stock. It easily handles a wide variety of professional and industrial production jobs. Using different dies the machine can bend pipe from 1/4" up to 2" (Schedule 40 pipe).

- Easy to operate & maintain

- Applications in all types of metal fabrication shops, racing industry repairs, electrical contractor work & more

- 1-yr. mfr.'s warranty

Capacity 12 tons. Speed 4-5 spm. 2,500 psi. Oil capacity 1/2 gal.

Size: 26"W x 27"L x 43"H. Weight 250 lbs.

Stk.	Mfr.	Item	Volts	HP	Phase	Price
535430	MP9000		110	3/4	1	\$2,220.00

Dies

Stk.	Mfr.	Item	Volts	HP	Phase	Price
535440	MP9020	1/4"-1/2"				\$123.00
535439	MP9019	3/4"				\$152.00
535438	MP9018	1"				\$182.00
535437	MP9017	1-1/4"				\$245.00
535436	MP9016	1-1/2"				\$278.00
535435	MP9015	2"				\$349.00

6-Piece Die Set Includes 1/4" to 2".

Stk.	Mfr.	Item	Volts	HP	Phase	Price
535450	MP9030					\$1,207.00



Box & Pan Brake

Pexto Frame is rigid 1-piece machine tool grade casting with precision-ground reversible, replaceable bed blade. Upper bar is positively positioned all ways.

- 8 heat-treated, die steel box fingers (3/4" to 6")
- Set of fingers arranged to form 3/4" to 24" in 1/4" increments

- Stop collar adjusts from 0°-135°

- Full 3" forming depth with 1/2" recess on underside of fingers

- Adjustable friction-brake safety stops upper bar from dead-weight drop

- Bend angle past horizontal 45° (20° when box fingers are used)

Max box depth 3". Max lift of beam 1". Beam adjustment front to rear 1/4".

Min. reverse bend: 1/4". Min. flange bend: 1/2". Finger widths 3/4"- 6".

Includes 8 asst. size fingers (1 ea. 3/4", 1", 1-1/4", 1-1/2", 3", 4-1/2" & 2 ea. 6").

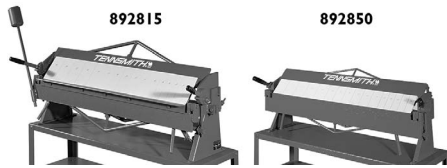
Shown w/stand, sold separately.

Stk.	Mfr.	Capacity Mild Steel	Price
972278	PX-24	16 ga. x 24"L	\$4,582.00

Steel Stand Roper Whitney For Mfr.'s 63 & PX-24.

Stk.	Mfr.	Price
972345	239006006	\$558.00

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.



Box & Pan Brakes

Tennsmith Economical units perform a wide range of sheet metal bending and forming operations (HBU48-16 is a heavy-

duty bench brake suitable for box & pan or straight-bending to 16 ga. mild steel).

- Removable apron angle & apron insert permit 1/4" reverse bends in lighter materials
- Upper leaf & nose bar w/wide range adjustment for radius bending
- All-steel welded construction, readily adjustable w/bronze bearings at pivot points
- Rugged, dependable & USA made

Min. reverse bend: HBU48-16; U48-22 1/4"; 5/16".

Min. flange bend: HBU48-16; U48-22 1"; 3/8". Finger widths 2", 3" & 4".

Includes apron stop rod (for repeat bends), extension handles & counterweight.

Shown w/stands, sold separately.

16 Gauge Max. box depth 4". Max. lift of beam 1-1/4". Beam adjustment front to rear 5/8". Size 65"L x 22"W x 25"H.

Stk.	Mfr.	Capacity Mild Steel	Price
892815	HBU48-16	16 ga. x 48-1/4"L	\$1,876.00

22 Gauge Max. box depth 3". Max. lift of beam 7/8". Beam adjustment front to rear 1/4". Size 59"L x 16"W x 20"H.

Stk.	Mfr.	Capacity Mild Steel	Price
892850	U48-22	22 ga. x 48-1/4"L	\$1,146.00

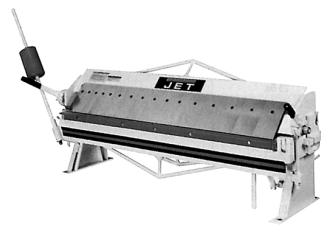
Steel Stand For HBU48-16 & U48-22.

Stk.	Mfr.	Price
892812	MODEL48STAND	\$339.00

Bench Model Box & Pan Brake

J E T Receive greater range of applications with these bench model box and pan brakes. With fingers installed, use units as a full-length nose bar, turning it into a straight-bending brake.

- All-welded steel plate body



- Heavy-duty truss rods & braces
- Removable sectioned fingers for box bending & forming operations

Min. reverse bend: 1/2". Min. flange bend: 1".

Finger widths 5@2", 6@3" & 5@4".

Max. box depth 3". Max. lift of beam 7/8".

Beam adjustment front to rear 1/8". Size 61"L x 21"W x 28"H.

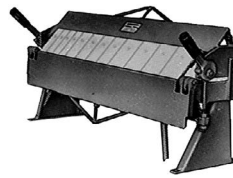
Includes 16 asst. size fingers (5@2", 6@3", 5@4"), nose radius 1/32", nose angle 45°.

Stk.	Mfr.	Capacity Mild Steel	Price
485706	BP-1648H	16 ga. x 48"L	\$1,446.00

Brake Stand J E T Steel stand for use with models BP-1648, BP-2248, HB-1648H & HB-2248H.

Stk.	Mfr.	Price
485741	S-48N	\$396.00

Bending Brake



Roper Whitney All-steel construction with bronze bushings at points of wear.

Length of bend 48-1/4".

Capacity mild steel 22 ga. Flange full L. 3/8".

Max. lift of beam 7/8".

Min. reverse bend 5/16". Finger widths 2", 3", 4".

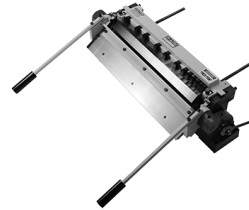
Max. depth of box 3".

Stk.	Mfr.	Price
170268	U422	\$1,482.00

Steel stand

Stk.	Mfr.	Price
170335	239005012	\$320.00

Finger Brake



Di-Acro Finger brakes lend versatility and accuracy to the forming of angles, channels, flanges, "Vees" and box parts with speed and precision. Readily adaptable for prototyping and production runs on many intricate and special shapes in sheet metal.

- Adjustable to enable precision bending by compensating for material thickness & hardness
- Box finger segments enable operator to form boxes from 3/4" up to full width capacity of machine in increments as small as 1/4"
- Fingers made from brake die steel with zero radius

Min. reverse bend 1/4". Clearance through top opening 1".

Max. depth of box or pan 3". Min. reverse bend 1/4".

Max. angle bend 135° (1 operation). Max. back ga. adjustment 24".

24"W Space requirements 38"W x 37"D x 60"H (including optional floor stand). Weight 350 lbs. (shipping) **Includes** 2 of ea. 3/4" box fingers, 1" box fingers, 1-1/4" box fingers, 3" box fingers & 6" box fingers.

Stk.	Mfr.	Capacity Mild Steel	Price
325675	8347820-080	16 ga. x 24"W	\$4,935.00

36"W Space requirements 49"W x 38"D x 47"H (including optional floor stand). Weight 500 lbs. (shipping) **Includes** 2 of ea. 3/4" box fingers, 1" box fingers, 1-1/4" box fingers, 3" box fingers, 6" box fingers, plus 2 adjustable stops & quik-set micrometer back gauge.

Stk.	Mfr.	Capacity Mild Steel	Price
326077	8348820-080	16 ga. x 36"W	\$6,048.00

Finger Brake Stand Di-Acro

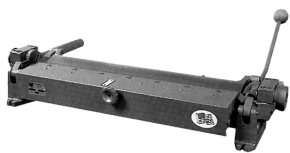
Model 36 Steel stand for Finger Brake Mfr. 8348820-080. Size 48"W x 15"D x 33-1/4"H. **Includes** fasteners to attach finger brake to stand.

Stk.	Mfr.	Price
326211	8348110-900	\$681.00

Model 24 Steel stand for Finger Brake Mfr. 8347820-080. Size 38"W x 15"D x 33-1/4"H. **Includes** fasteners to attach finger brake to stand.

Stk.	Mfr.	Price
325876	8346110-900	\$615.00

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Adjustable Bar Folders

Roper Whitney Versatile, adjustable machine performs many essential sheet metal operations using one motion to clamp and fold. For "S" clips and drive cleats, forming sharp locks on edges of

sheet metal for double seam, open locks for wired edges, flanges of various degrees, plus single or double hems.

Includes quick set back gauge.

20 Gauge Max folding 36"L, 3/8" dia. Gauging range 1/8" - 1-1/4". Size 50"L x 30"W.

Stk.	Mfr.	Capacity Mild Steel	Price
976400	055	20 ga.	\$5,220.00

22 Gauge Max folding 30"L, 1/4" dia. Gauging range 1/8" - 1". Size 42"L x 26"W.

976410	63	22 ga.	\$3,712.00
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Stand Roper Whitney Steel stand for Mfr.'s 055 & 381.

974020	239006007	\$612.00
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Stand Roper Whitney Steel stand for Mfr.'s 63 & PX-24.

972345	239006006	\$558.00
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Shear, Brake & Roll Machines

J E T Receive 3 separate functions in 1 compact machine with these machines that offer right or left-hand operation for mild steel, aluminum, brass, copper, lead, plastic and zinc.

- Brake is equipped w/easily removable fingers for angle, channel, box & other complex bending operations

- Precision-turned & ground slip rolls w/wire grooves (1/8", 3/16", 1/4")

Includes set of male dies, 1 female die, dual-edge shear blade, spring-loaded work hold down & back gauge.

30"L Slip roll 30"L x 1-1/2"W. Min. form radius 3/4". Size 42-1/2"L x 21-1/2"W x 28"H. Weight 320 lbs. **Includes** the above, plus 1, 2, 3, 6, 8, 10 width upper dies, 4-3/8" H.

Stk.	Mfr.	Shear, Bend, Roll Capacity	Price
485811	SBR-30M	20 ga. x 30"L	\$1,197.00

40"L Slip roll 40"L x 1-5/8"W. Min. form radius 1". Size 58"L x 22"W x 33"H. Weight 575 lbs. **Includes** the above, plus 1, 1-1/2, 2, 2-1/2, 4, 7, 10, 14-7/8 width upper dies, 3-3/8" H.

485812	SBR-40M	20 ga. x 40"L	\$1,890.00
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Steel Stand for SBR-30M

485795	S-30N	\$265.00
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Steel Stand for SBR-40M

485796	S-40N	\$399.00
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Slip Roll Machine

Pexto A lift-type slip roll former that leaves the operator's hands free to feed and remove work.

Max. form length 36". Min. form radius 3". Rolls 2 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 55"L x 11"W x 15"H. Weight 245 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
973953	381	22 ga.	\$1,358.00

Floor Mount Stand Roper Whitney Steel stand for Mfr.'s 055 & 381.

Stk.	Mfr.	Price
974020	239006007	\$612.00



Slip Roll Machines

Tennsmith SR series slip rolls combine precision-turned, ground and polished, high-carbon steel rolls with heavy-duty, cast iron end frames and welded steel base to make an accurate, durable forming tool. Large roll adjusting screws, scales (for speeding repeat set-up) and front-mounted handle (to lift upper roll for material removal).

Shown w/stand, sold separately.

20 Gauge Max. form length 24". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 42"L x 11"W x 22"H. Weight 190 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
892830	SR24	20 ga.	\$999.00

22 Gauge Max. form length 36". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 54"L x 11"W x 22"H. Weight 250 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
892832	SR36	22 ga.	\$1,146.00

Steel Stand for SR24

892831	SR24-STAND	\$396.00
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Steel Stand for SR36

892833	SR36-STAND	\$454.00
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Bench Slip Roll Machines

J E T For industrial, educational and vocational shops. Precision-turned carbon steel rolls are ground and polished. Large roll adjusting screws for lifting upper roll for easy material removal.

16 Ga. Max. form length 50". Min. form radius 2". Rolls 3 @ 3". Wire grooves 1/4", 5/16", 3/8". Size 68"L x 22"W x 24"H. Weight 512 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
485763	SR-1650M	16 ga.	\$1,928.00

20 Ga. Max. form length 24". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 37"L x 17"W x 17"H. Weight 172 lbs.

485762	SR-2024M	20 ga.	\$695.00
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Electric Slip Roll

J E T Rugged frame and base ensure that hardened polished, high-carbon steel rolls deliver smooth, even results. All electrical and rotating parts are designed to enhance operator safety. Easy setup and operation.

- Ideal for sheet metal forming in HVAC & FAB shops
- Roll drive controlled by foot pedal for immediate forward & reverse
- Forming roll has position scale for equal pressure adjustment
- Convenient foot-control assembly with emergency-button
- Safety brake
- Big handwheels for easy adjustments

230/460V (prewired 230V), 1 HP, 3 Phase. Max. form length 50". Min. form radius 2". Rolls 3 @ 3". Wire grooves 5/16", 3/8", 1/2". Size 65"L x 20" x 36"H. Weight 877 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
486129	ESR-1650-3T	16 ga.	\$4,050.00



Notcher

Tennsmith Model 16-18 is a versatile, heavy-duty bench tool for shearing, notching and piercing work. Heavy cast iron construction allows notcher to side shear 6" of material (to its rated capacity). Throat behind the upper ram is beveled on 1 side to permit long strips of material to pass without restriction.

- Notches 90°+ can be done in 2 operations
- Reverse upper blades for "nose to heel" cutting
- 2 set screws control ram stroke permitting limited throat piercing & knockout operations

Max. Capacity Mild Steel: Notching 16 ga., Piercing 18 ga.
Notch size 6" x 6" x 90°. Size 19"L x 18"W x 15"H. Weight 170 lbs.

Includes front gauges & large surface, ground work table w/inlaid scales.

Stk.	Mfr.	Price
892800	16-18	\$1,146.00

Steel Stand

892801	16-18-STAND	\$425.00
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Sheet Metal Notcher



Baileigh High quality cast iron sheet metal notcher is ideal for any sheet metal shop. Cutting angle is fixed at 90° and notches up to 6" x 6" in one manual stroke. Finished notches have extremely clean and burr-free edges. Easily moved from jobsite to jobsite. Adjustable guides allow for repeatable notches.

Max. capacity mild steel: Notching 16 ga.
Notch size 6" x 6" x 90°. Stroke length: 3/4".
Table size 18" x 12".
Tool size 60"L x 44"W x 48"H (shipping).
Tool weight 275 lbs. (shipping).

Includes blade guard & sturdy floor stand.

Stk.	Mfr.	Price
222650	SN-FI 6-HN	\$1,005.00

Manual Rotary Machines

Tennsmith



24 Gauge Solid cast machine provides simultaneous crimping and beading on 24 ga. and lighter materials. Included spacer collars allow for crimp only operations. **Includes** ogee bead & crimping rolls & spacer collars, hand crank, spanner & bench stand.

Stk.	Mfr.	Distance Between Shaft Centers	Price
892822	R24	1-3/4"	\$1,120.00

22 Gauge Sturdy solid cast, enclosed frame with smooth meshing machine gears. Material can be fed through the rolls in either direction by selecting the proper arbor. Top crank controls forming roll pressure. **Includes** 6 asst. rolls (for various sheet metal operations) hand crank, spanner & bench stand.

892820	R22	7"D	2"	\$1,178.00
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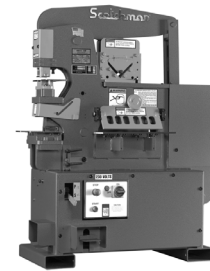


Deep Throat Combination Rotary Machine

Pexto Simply changing the rolls allows this machine to perform turning, burring, wiring, elbow edging, flanging and flattening operations. It may be operated from left or right, both with a clockwise rotation of the handle. Deep throat for additional forming capabilities, such as furnace collar edging.

Includes set of 4 rolls & gauges (standard, curved & throat), plus a clamp-on offset base.

Stk.	Mfr.	Capacity	Throat	Distance Between Shaft Centers	Price
974422	622	24 ga.	7"	2"	\$1,194.00



50-Ton Ironworker Punch Stations

Scotchman Single operator, 5-station metal-working machine with 6" throat. In addition to punching, machine cuts flats/angles, plus notches rounds/rectangles.

- Keyed punch ram for safety
- Adjustable stroke control
- Tool table work area
- Electrical box w/emergency palm button & lock-out tag-out

- Punch nut w/wrench & stripper
- Forklift accommodations
- Mfr.'s 3-yr. warranty
- Meets ANSI Standard B1 I-5
- 65,000 psi tensile, 36 mild steel rated
- USA made

Punching capacity 1-1/4" in 1/2" & 13/16" in 3/4".
Notching capacity 2-1/2" x 2-3/4" x 3/8".
Pipe notcher (Schedule 40) 3/4", 1", 1-1/4", 1-1/2", 2".
Shear: flat bar 1/4" x 14" & 3/4" x 4", round 1", square 3/4".
Speed 17/40 spm. Throat 6". Max. punch 1-1/4".
Hydraulics 2,100 psi.
Size 29"W x 47"L x 59"H. Weight 1,275 lbs.

Includes 2" die holder, 4" angle shear, 14" flat bar shear w/4-way reversible blade, punch ram, punch nut w/wrench & stripper, round punch & die (1" dia.) & safety electrical box.

1 Phase

Stk.	Mfr.	Volts	HP	Price
772001	50514-CM-1PH	230	5	\$10,070.00

3 Phase Please specify voltage.

Stk.	Mfr.	Volts	HP	Price
772000	50514-CM-3PH	230	3	\$9,627.00

Round Punch & Die Set #20 punch & die package (5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1".

772002	2505			\$384.00
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“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com



40 & 45-Ton Ironworkers

MetalPro Perform jobs that machines costing 4x as much can do - just as fast and accurately. All-in-1 "Fabrication Shop" performs punching, shearing, notching, bending, forming and pressing work. Makes quick, accurate work of fabrication projects since it performs all of the operations to produce the components needed. Easily handles a wide variety of professional, industrial and farm production jobs.

- Plugs into standard 110V, 20A outlet
- Power cavity w/3-in-1 shear
- Delivers versatility w/the base machine & optional accessories
- 2" die holder, punch retaining nut & stripper
- 65,000 psi tensile strength rated
- Meets ANSI Standard BI 1-5, UL approved
- Meets American national safety standards for Ironworkers

Notcher capacity 1-3/4" x 2" x 1/4". Pipe notcher (Schedule 40) 1/2", 3/4", 1", 1-1/4", 1-1/2", 2". Shear: rod 3/4", square 5/8". Hydraulics 2,500 psi.

40-Ton Throat 3-3/4"D. Max. punch 1".

Flat bar 3/8" x 4" & 1/4" x 6", angle 1/4" x 3" x 3". Brake 8"W x 1/4"T. Size 24"W x 30"L x 55-1/4"H. Weight 410 lbs.

Stk.	Mfr.	Volts	HP	Speed (spm)	Price
535400	MP4000	110	3/4	4-6	\$3,622.00

45-Ton Throat 3-3/4"D. Max. punch 2".

Flat bar 3/8" x 6" & 1/4" x 8", angle 1/4" x 4" x 4". Brake 12"W x 1/4"T. Size 24"W x 37"L x 55-1/4"H. Weight 550 lbs.

Stk.	Mfr.	Volts	HP	Speed (spm)	Price
535415	MP4500FS	110	1-1/2	6-8	\$5,602.00

40 & 45-Ton Accessories MetalPro

Brake Attachment Takes only a minute to bolt into the power cavity. Bends shapes up to 1/4"T w/20 tons (25 tons for MP4510) of pressing power.

Stk.	Mfr.	Item	Price
535405	MP4110	8" brake for MP4000	\$696.00
535416	MP4510	12" brake for MP4500FS	\$944.00

Heavy-duty Notcher Makes 1/4" x 1-3/4" x 2" notches. Easily bolts into the punch station after removing the stripper & die holder.

535410	MP4120		\$696.00
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Pipe Notcher Housing Housing notches up to 2" pipe, scheduled.

535411	MP4150		\$272.00
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Die Sets

535420	MP4151	1/2"	\$509.00
535421	MP4152	3/4"	\$509.00
535422	MP4153	1"	\$509.00
535423	MP4154	1-1/4"	\$509.00
535424	MP4155	1-1/2"	\$509.00
535425	MP4156	2"	\$509.00

Round Punch & Die Sets Heat-treated, ground tool steel with 1/32" die clearance. Each set includes only 1 size. Sizes to choose from are 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Please specify size.

535412	MP8		\$56.00
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5-Piece Round Punch & Die Sets 1/4", 3/8", 1/2", 5/8" & 3/4".

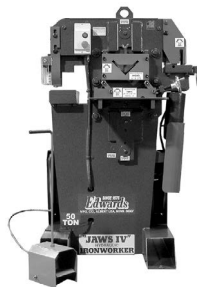
535402	MP4140		\$230.00
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8-Piece Round Punch & Die Sets 9/32", 11/32", 13/32", 15/32", 17/32", 19/32", 21/32" & 23/32".

Stk.	Mfr.	Item	Price
535403	MP4142		\$391.00

8-Piece Round Punch & Die Sets 25/32", 13/16", 27/32", 7/8", 29/32", 15/16", 31/32" & 1".

535404	MP4144		\$391.00
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Jaws IV 50-Ton Ironworkers

Edwards Receive direct drive from motor to pump without troublesome belts. This wide mouth modular hydraulic metalworking machine with 7" throat performs 4 big jobs: cuts both flats and angles, plus punches and notches.

- Insulated for quiet operation
- Flat bar shear blades installed, low rake
- Angle shear blades installed
- Fully guarded
- Pipe coupling welded to back side for optional back gauge
- Hydraulic system fully charged, ready to operate
- Threaded table holes for jigs
- Adjustable steel punch strippers
- Slots for gauging feed tables
- Remote foot pedal operation
- Integral lifting lug for instant portability
- Fast adjusting hold-down bars
- Comfortable working heights
- Direct drive pump
- 1-yr. mfr.'s warranty

Coping/notching capacity 5/16" x 2" x 3".

Pipe notcher: (Schedule 40) 1/2" to 2", copper (optional) 2" x 3" x 5/16", angle 3/8" x 3" x 3" & 1/4" x 4" x 4".

Shear: flat bar 1/2" x 10" & 3/4" x 4", round 1", square 1". Speed 2,850 spm. Throat 7". Max. punch 1-1/16". Hydraulics 2,200 psi.

Size 30-1/4"W x 30-1/4"L x 62"H. Weight (shipping) 1,400 lbs.

Includes motor & pump, 17/32" round punch & die set, angle iron blades, flat, round shear blades & notcher.

1 Phase

Stk.	Mfr.	Volts	HP	Price
380560	IW50-IP230	220	3	\$11,343.00

3 Phase

Stk.	Mfr.	Volts	HP	Price
380565	IW50-3P230	220	3	\$11,725.00

Round Punch & Die Set Tool steel with 1/32" die clearance. Each set includes only 1 size. Sizes to choose from are 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2", 17/32", 9/16", 19/32", 5/8", 21/32", 11/16", 23/32", 3/4", 25/32", 13/16", 27/32", 7/8", 29/32", 15/16", 31/32", 1", 1-1/32", 1-1/16".

380600	RPD-1			\$44.80
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SHEARS



10 Gauge Hand Shear

Makita Powerful 6.2 amp motor delivers 1,600 SPM to complete the most demanding applications.

- Less noise at 81 dB(A) for continuous operation
- Lock-on switch for continuous operation
- Built-in thickness gauge
- Large, easily replaceable blades w/8 cutting edges each
- Engineered to cut w/out material loss in kerf typically associated w/nibblers
- Highly visible line-of-sight for precise pattern following
- Engineered for cutting sheet metal & metal decking

Capacities 9 ga. aluminum, 10 ga. mild steel, 13 ga. stainless. Tool size 8-3/8"L. Weight 7.4 lbs.

Includes hex wrench, shear blade set & thickness gauge.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Min. Radius	Price
511371	JS3201	120	6.2	1,600	2"	\$588.00



16 Gauge Hand Shear
BOSCH Low vibration for operator comfort and precise control.

- Visible blade allows precise pattern cutting
- Upper/lower blades can be rotated 4 x 90° for new sharp edge, extending blade life
- Steel deflector shield for hand protection
- Easy blade adjustment when switching material thickness

Capacities: 16 ga. mild steel, 20 ga. stainless, 14 ga. aluminum.
 Tool weight 4.6 lbs.

Includes upper/lower blades, feeler gauge, 3mm Allen wrench, steel deflector.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Min. Radius	Price
259806	I500C	120	4.2	5,000	7/8"	\$437.00



18 Gauge Hand Shear
Milwaukee 6.8 amp motor and 360° swivel head combine for a powerful, yet flexible cutting tool. Lightweight, heavy-duty magnesium gear case. Double insulated shear with locking trigger switch. Ergonomic, tactile grip handle.

Capacities: 18 ga. steel, 20 ga. stainless.
 Tool size 12-1/4"L & 4.1 lbs.

Includes 10' flexible runner cord & wrench.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Min. Radius	Price
576182	6852-20	120	6.8	0-2,500	7"	\$229.00



Hand Shear
Di-Acro Hand shear offers precision shearing at an economical price. Utilizing overdriven leverage, it is ideal for use on light and medium weight sheet metal, plastics, rubber, fabric, leather, synthetics, dielectrics and various other materials. Well suited to prototype shops and short run production operations.

Includes combination material hold-down bar & safety guard, side squaring gauge, reversible protractor gauge, quik-set micrometer back gauge, adjustable stops, set of 4-edged HCHC toolsteel blades, ruled steel guides, adjustable protractor gauge & 2 blades stops.

Stk.	Mfr.	Capacity Mild Steel	Shearing Length	Price
325541	8231800-080	16 ga.	12"	\$3,208.00
325809	8241800-080	16 ga.	24"	\$3,701.00

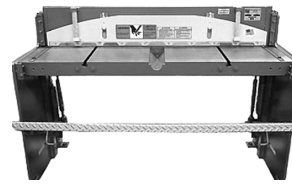
Hand Shear Stand Di-Acro

Model 12 Steel stand for Hand Shear Mfr. 8230110-900. Size 20"W x 15"D x 33-1/4"H. **Includes** fasteners to attach shear to stand.

Stk.	Mfr.	Price
325608	8230110-900	\$615.00

Model 24 Steel stand for Hand Shear Mfr. 8346110-900. Size 38"W x 15"D x 33-1/4"H. **Includes** fasteners to attach shear to stand.

Stk.	Mfr.	Price
326010	8346110-900	\$615.00



Foot Shear
Pexto Triple-action shearing including relief on both edges of this shear's fixed and moving blades.

- Eliminates blade-to-blade friction & sheet movement under shearing stress
- Double penetration cutting

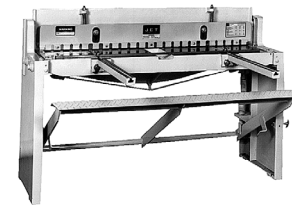
Capacity mild steel 16 ga. Back/Front gauge 25"/30".
 Gauge in position 60" x 76".
 Size 60"L x 34"W x 42"H. Weight 1,000 lbs.

Includes well guard, treadle stop & fingerguard.

Stk.	Mfr.	Shearing Length	Price
973571	I52M	52"	\$4,402.00

Accessory Package Includes front gauge, bevel gauge, T-bolts & front arms.

973572	I35003521		\$774.00
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16 Gauge Foot Shear
J E T For precision shearing of mild steel (up to 16 ga.), aluminum, brass, copper, lead, plastic and zinc. 2-way blade configuration provides 2x longer cutting life (upper blade 2-way; bottom blade 1-way). 2° cutting edge, 1° face relief. 2-yr. mfr.'s warranty.

Capacity mild steel 16 ga. Back/Front gauge 25.5"/28".
 Size 21.25" x 40.5" x 62.5". Weight 1,014 lbs.

Includes pair of high-carbon, chrome-steel blades, finguerguards plus front, side & back gauges.

Stk.	Mfr.	Capacity Mild Steel	Shearing Length	Price
486009	FS-1652H	16 ga.	52"	\$2,480.00



Sheet Metal Foot Shears
Tennsmith Foot-powered squaring shears offer precision shearing and rugged construction at an affordable price. Heavy-duty cast iron shear frame, bed and cutterhead assembly. Shear bed is machined and surface ground to precision tolerances ensuring an accurate working surface. Shears feature triaction,

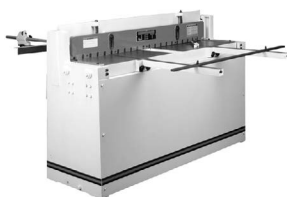
high-carbon high-chromium (HCHC) steel blades to prevent material movement while shearing, prolonging blade life. Upper/lower blades have a 2° edge relief for maximum material penetration with minimum effort.

- Bed-adjusted lower shear blade
- Upper blade adjustments w/cutterhead's truss bar
- Spring-activated hold-down feet clamp secures workpiece & easily adjusts holding pressure for light or heavy-gauge material
- Double-locking back gauge w/embossed scales & vernier wheels provide fine adjustments & highly-accurate readings
- Ample clearance between the hold-down feet & shear blades for line-of-sight cutting
- USA made
- 3-yr. mfr.'s warranty

Capacity: mild steel 16 ga., stainless steel 20 ga. Back/Front gauge 30"/37".
 Size & weight: (36) 46-1/2"L x 27"W x 42"H & 700 lbs., (52) 61"L x 36"W x 42"H & 950 lbs.

Stk.	Mfr.	Shearing Length	Size (Ga. in Position)	Price
892805	36	37"	45" x 80"	\$2,752.00
892808	52	52-1/4"	60" x 80"	\$3,432.00

CAN'T FIND IT?
 Call us at 800-831-5904.



16 Gauge Pneumatic Shear

JET High-quality, cast iron grade frame eliminates deflection across the blade span and blade framework. Features a low-cutting angle to cut narrow strips without twisting.

- Precise bed & beam alignment assures accuracy

- Working bed adjusts for correct set-up for blade clearance
- Complete pneumatic control system set
- 2-yr. mfr.'s warranty

Capacity: mild steel 16 ga., stainless steel 18 ga., aluminum & copper 12-14 ga. Back/Front gauge 25.5"/28". Full-length shearing 40 spm. Air consumption 25.3 cfm (1.3 cfm per stroke). Size & weight 60"L x 24"W x 43"H & 1,830 lbs.

Includes pair of high-carbon, chrome-steel blades, foot control, finger-guards plus front, side & back gauges.

Stk.	Mfr.	Shearing Length	Price
486126	PS-1652T	52"	\$5,336.00



Multi-Purpose Manual Sheet Metal Shears

Baileigh Bench mounted multi-purpose manual shear. Perfect for small fabrication shops. Uses a gear system (MPS-8G) or leverage system (MPS-12) connected to the pull down handle for more efficiency allowing .236" mild steel to be cut with ease.

- Rigid construction
- Multi-edge blades for increased productivity

- Spring-assisted action for increased leverage

Capacity Mild Steel: Sheet .236", Round .5", Flat 2.75" x .236". Weight 42 lbs. (MPS-8G), 62 lbs. (MPS-12).

Includes adjustable material hold down.

Stk.	Mfr.	Blade	Price
222600	MPS-8G	8"L	\$332.00
222605	MPS-12	12"L	\$403.00



Mini Shear/Brake Combination Machine

Baileigh Perfect for small projects. Combination manual shear has a 18 ga. aluminum maximum capacity and a 20 ga. copper/brass maximum capacity. Shear/brake has an 8" bed width with 7-7/8" blades for shear and brake.

- 90° max. bend angle for making corners
- Built to last for years of use

Shear/bending capacity 20 ga. Max. cutting 7-7/8".

Tool size 20"L x 13"W x 7"H (shipping). Tool weight 27 lbs. (shipping).

Includes back gauge.

Stk.	Mfr.	Price
222640	SB-8	\$257.00

HAND TOOLS



Hand Seamer

Pexto For all metal seaming work.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
974556	793	1/4"-1"	3-1/2"	8"	\$88.40



Straight Handle Hand Seamer

Wiss Non-slip cushion grips for superior control. 1/4" depth markings.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
306990	WS3	1/4"-1-1/4"	3-1/4"	9"	\$47.90



Offset Handle Hand Seamer

Wiss Ideal for bending and flattening sheet metal in confined areas. Optimal handle span for maximum power and comfortable operating range. 1/4" depth markings. Non-slip cushion grip.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
306991	WS4	1/4"-1-1/4"	3-1/4"	9"	\$51.20



Metal Punch Set

Roper Whitney This easy-to-handle punch includes 7 punch heads, 7 die heads and a molded plastic case.

Throat 1-3/4". Capacity 16 ga.

Includes 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32" punches & dies.

Stk.	Mfr.	Size	Price
970938	135010050		\$114.00

Metal Punches

Stk.	Mfr.	Size	Price
971541	300050094	3/32"	\$11.20
971876	300050125	1/8"	\$11.20
971608	300050156	5/32"	\$11.20
971809	300050188	3/16"	\$11.20
971675	300050219	7/32"	\$11.20
971943	300050250	1/4"	\$11.20
971742	300050281	9/32"	\$11.20

Metal Dies

Stk.	Mfr.	Size	Price
971072	310050094	3/32"	\$11.20
971407	310050125	1/8"	\$11.20
971139	310050156	5/32"	\$11.20
971340	310050188	3/16"	\$11.20
971206	310050219	7/32"	\$11.20
971474	310050250	1/4"	\$11.20
971273	310050281	9/32"	\$11.20

Bench Mounting Base Punch is held by an L-shaped clamp rod, through a 7/16" or larger hole in the bench top. Swivel base to any position.

Stk.	Mfr.	Size	Price
971005	139010050		\$41.80



Hand Crimper

Wiss 5-blade hand crimper. Crimps male fitting end to connect guttering, downspouts or metal pipe. Optimal handle span for maximum power and comfortable operating range. Non-slip cushion grip handle.

Stk.	Mfr.	Throat	Overall Length	Price
306993	WC55	1-1/4"	9-3/4"	\$30.10



Hand Notcher No. 540 Series

Roper Whitney Designed for notching or coping angle iron.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
974214	541	90°	1"	9"	\$203.00
974217	542	45°	1"	9"	\$217.00



Hand Notcher No. 141

Roper Whitney Designed for making a fast, accurate notch in sheet metal. Hook design of spring-return jaws permits notching to the

exact desired depth without slippage and with minimum effort.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
973551	141	32°	13/16"	9"	\$114.00



Hand Notcher

Wiss Makes 30° V-shaped cut in sheet metal. Makes a clean notch without slipping at corners and take-off tabs. Non-slip cushion grips for superior comfort and control.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
306992	WHNI	30°	13/16"	8-3/4"	\$46.40



Stakes

Roper Whitney A variety of forged steel sheet metal forming stakes. These tools are invaluable for the sheet metal craftsman.

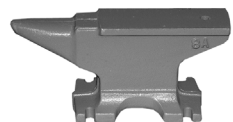
Stk.	Mfr.	Description	Size	Price
974824	921	Double Seaming	12" x 17"	\$691.00
974958	925	Blowhom	18" x 19"	\$638.00
975025	927	Creasing Steak w/Horn	6-3/4" x 12"	\$522.00
975092	932	Bevel Edge Square	2-1/2" x 4-1/2"	\$343.00
975293	943	Hatchet	13"	\$331.00
975561	957	Needle Case	10-1/2" x 8"	\$435.00



Bench Plate or Stake Holder

Roper Whitney Cast iron, machined face-plates.

Stk.	Mfr.	Size	Price
975963	981	37-1/2" x 8"	\$1,291.00
976030	982	30" x 8"	\$928.00



Anvils

Milwaukee Tool Solid cast steel, machined anvils are heat-treated and tempered. This reduces strain as the softer inner body absorbs impact blows through the hardened surface. Ideal for metalworking, loosening fittings and more.

Meets Federal Specifications: GGG-A-576BType I (*except 8 lbs.).

Stk.	Mfr.	Size	Price
577700	8CI	8 lbs.*	\$95.00
577701	55CI	55 lbs.	\$392.00
577702	65CI	65 lbs.	\$466.00
577703	85CI	85 lbs.	\$581.00



Brass Interlocking Stencils

Young Bros. Adjustable and interlocking Gothic style characters for horizontal composition. Stencils adjust quickly for perfect character alignment, spacing, and clean, bold characters.

33-Piece Letter Sets Contains letters A-Z & I beginner, I letter ender, I space, I period, I comma & I dash.

Stk.	Mfr.	Size	Price
443134	01338	1"	\$30.70
443201	02338	2"	\$47.20

15-Piece Figure Sets Contains figures 1-9, 0,0 & I beginner, I figure ender, I period & I dash.

Stk.	Mfr.	Size	Price
443000	01158	1"	\$14.80
443067	02158	2"	\$23.60



Steel Letter & Figure Stamp Sets

Young Bros. A complete set of machine-made Gothic style letters (A-Z & I period) or figures (0-9), furnished in a wooden box with lid.

Figure Sets

Stk.	Mfr.	Size	Price
986000	03091	1/8"	\$21.70
986134	05091	3/16"	\$27.10
986268	06091	1/4"	\$32.40

Letter Sets

Stk.	Mfr.	Size	Price
986067	03271	1/8"	\$65.10
986201	05271	3/16"	\$81.20
986335	06271	1/4"	\$97.20

Letter & Figure Sets

Stk.	Mfr.	Size	Price
986072	03361	1/8"	\$80.10
986208	05361	3/16"	\$101.00
986340	06361	1/4"	\$120.00

SNIPS



MultiMaster® Snips

Wiss Combine the long cut of tinner's snips with the strength of compound action and increase force of the hand by 5 times. Great for making long, fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening and more. Nonslip, serrated jaws cut up to 20 ga. steel. Comfort textured grips.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307016	M300	3"	10-1/2"	Straight	\$22.60



Aviation Pattern Snips

Irwin Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. I-hand safety latch is accessible from grips. Cuts up to 18 ga. cold-roll steel, 23 ga. stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619496	2073111	1-5/16"	10"	Left	\$15.80
619497	2073112	1-5/16"	10"	Right	\$15.80
619498	2073113	1-5/16"	10"	Straight	\$15.80



Aviation Snips

Stanley Cuts up to 18 ga. cold-rolled steel or 23 ga. stainless-steel. Forged chrome molybdenum steel cutting blades for strength, durability & long cutting life. Serrated cutting blades provides a sturdy bite to prevent material from slipping during use. Color-coded, slip-resistant bi-material grip. Mfr.'s. limited lifetime warranty.

Meets or exceeds ANSI standards.

Stk.	Mfr.	Overall Length	Type	Price
846810	14-562	12"	Left Cut	\$13.80
846811	14-563	12"	Straight Cut	\$13.80
846812	14-564	12-1/2"	Tight Right Cut	\$13.80



Metalmaster® Offset Snips

Wiss Offset blades keep hands clear of metal. Non-slip serrated jaw of tough molybdenum

steel withstands strain of cutting 18 ga. low-carbon cold rolled steel and tight curves. Spring-action for fast, effortless feed. High tensile strength steel handle with textured comfort grips. Safety latch.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307021	M6R	1-1/4"	9-1/4"	Straight/Left	\$26.10
307022	M7R	1-1/4"	9-1/4"	Straight/Right	\$26.10



Metalmaster® Vertical Compound Action Snips

Wiss Pro Series vertical compound action snips cut up to 22 ga. cold rolled steel with less fatigue. Unique blade design gives greater mechanical advantage. Comfort-grip handles. Locking blade. 4x longer spring life. USA made.

mechanical advantage. Comfort-grip handles. Locking blade. 4x longer spring life. USA made.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307030	M8R	1.7"	8.5"	Straight/Left	\$34.20
307031	M9R	1.7"	8.5"	Straight/Right	\$33.90



Metalmaster® Snips

Wiss Non-slip serrated jaws are made of wear-resistant molybdenum steel. Handles are made of high strength steel with non-slip textured grips and hang hole. Self-opening action. Safety latch. Left and right cutting styles cut from tight curves to straight.

Self-opening action. Safety latch. Left and right cutting styles cut from tight curves to straight.

Compound Action For cutting up to 18 ga. steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307004	M1R	1-3/8"	9-3/4"	Left	\$22.50
307010	M2R	1-3/8"	9-3/4"	Right	\$22.50
307015	M3R	1-3/8"	9-3/4"	Straight	\$22.50

Bull Dog For notching or trimming up to 16. ga. heavy steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307020	M5R	7/8"	9-1/4"	Straight	\$27.70

Special Series For cutting up to 18 ga. exotic steel. Hardened steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
307003	M1RS1	1-3/8"	9-3/4"	Left	\$36.30
307005	M2RS1	1-3/8"	9-3/4"	Right	\$36.30



Duckbill Circular Cutting Snip

Wiss Cut moderately tight curves left or right in light stock as well as straight. Blades of finest hot drop-forged steel, individually hand edged for maximum cutting. Comfort cushion grip handle.

Stk.	Mfr.	Cutting Length	Overall Length	Price
307205	V-10N	2-1/4"	10-1/4"	\$20.90



619100



619488

Tinner Snips

Irwin

Flat Blade Forged of high-quality tool steel. Polished blades are ground for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619100	007	2"	7"	Straight/Wide Curves	\$13.70
619320	010	2-1/4"	10"	Straight/Wide Curves	\$16.00
619415	012	3"	12-3/4"	Straight/Wide Curves	\$20.20

Duckbill Blade Hot drop-forged high-carbon steel duckbill (thin) blades are precision-ground for hollow and bow to insure a tight grip on materials and cleaner cuts. Specially heat-treated for uniform blade hardness.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619488	207	2"	7"	Straight/Tight Curves	\$13.50
619491	210	2-1/4"	10"	Straight/Tight Curves	\$16.50
619493	212	3"	12-3/4"	Straight/Tight Curves	\$20.50



Straight Pattern Snips

Wiss High-quality forged tool steel. Ground polished blades for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Price
307536	A-13N	1-1/4"	7"	\$20.40
307268	A-11N	2-1/4"	10"	\$25.10
307187	A-10N	2-1/2"	11"	\$29.60
307134	A-9N	3"	12-1/2"	\$30.20



Bulldog Pattern Snips

Wiss Forged of high-quality tool steel for industrial use. Polished blades are ground for a keen, strong edge that retains its sharpness.

Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Price
307024	W-5N	2-1/2"	16-1/2"	\$68.50



ProTouch™ Offset Snips

Irwin Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic

ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. 1-hand safety latch is accessible from grips. Cuts 18 ga. in cold-rolled steel, 23 ga. in stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
619501	2073211	1-5/16"	9-1/2"	Left	\$17.70
619502	2073212	1-5/16"	9-1/2"	Right	\$17.70

“Not sure what tool is right for your project or program?”



Dan Goodwin ext. 3104
dgoodwin@midwesttechnology.com

RIVET TOOLS



Rivet Setters

C.S. Osborne Use with a hammer or hand riveter. These rivet sets mushroom rivet head to set the rivet. Sets are hardened with polished riveting head surfaces and work iron and copper rivets.

Stk.	Mfr.	Dia.	Copper Rivet	Iron Rivet	Price
614300	169-00	5/16"	N/A	14	\$38.30
614301	169-0	9/32"	5	10,12	\$33.70
614302	169-1	15/64"	6	7, 8	\$29.90
614303	169-2	.213"	7	6	\$29.90
614304	169-3	.191"	8	4, 5	\$29.90
614305	169-4	.166"	9	2-1/2, 3	\$27.90
614306	169-5	.149"	10, 11	1-3/4, 2	\$27.90
614307	169-6	9/64"	12	1-1/2	\$27.90
614308	169-7	1/8"	13	1-1/4	\$27.90
614309	169-8	7/64"	14	10, 12	\$27.90



MP-3V Air/Hydraulic Riveter

Marson Professional-series air/hydraulic riveter is designed to be light weight and well-balanced. Engineered to maximize stroke and pull force with a 3-jaw set. Direct connect or use the attached swivel for added convenience. Supplied with nosepieces to set rivets in all alloys and a

removable swivel air connection line with an air off/on valve built in. Adjustable vacuum system control allows operator to control the force of air needed to hold the rivet in place. Can also operate with the vacuum system turned off.

Stroke: 3/4". Pulling Force: 1,800 lbs. Capacity: 3/32" - 3/16".

Includes nosepieces, adjustment service wrenches, hydraulic fluid, fluid applicator, spare jaws & removable swivel air connection line with air on/off valve built in.

Stk.	Mfr.	Operating Pressure	Weight	Price
868417	39045	70-95 psi	2.9 lbs.	\$335.00



HP-2® Riveter

Marson Die-cast high-strength aluminum alloy body has carbon steel upper handle and cushioned vinyl grip.

Sets steel rivets up to 3/16" dia.

Includes 4 mounted nosepieces (3/32", 1/8", 5/32", 3/16") & service wrench.

Stk.	Mfr.	Price
868400	39000	\$60.30

HP-2® Rivetool Kit Includes HP-2 Rivetool, 200 assorted rivets & molded case.

Stk.	Mfr.	Price
868401	39001	\$65.60



Medium Duty 10" Slim-nose Riveter

Stanley Fastening Spring-loaded handle ejects rivet stem automatically. Slim-nose right-angle design fits in difficult-to-reach places. Long handle makes riveter easy to squeeze.

Sets 1/8", 3/32", 5/32" & 3/16" diameter steel & aluminum rivets.

Stk.	Mfr.	Price
597349	MR33C	\$11.70

VHR-IX



Marson The perfect medium-duty tool that sets both steel and aluminum rivets.

Sets steel rivets 3/32" to 5/32" dia. Sets aluminum rivets 3/16" dia.

Includes assortment of rivets & washers in pouch.

Stk.	Mfr.	Price
868387	79002	\$38.30

Round Back-Up Washers

Marson Washers are .056" - .062" thick. They are used when fastening soft materials or to compensate for oversized holes where access to both sides of the work is possible.

Aluminum

Stk.	Mfr.	Size	Qty./Pkg.	Price
868322	86657	1/8"	100	\$4.65
868323	40657	1/8"	500	\$16.90
868324	86660	3/16"	100	\$5.03
868325	40660	3/16"	500	\$17.50

Steel

Stk.	Mfr.	Size	Qty./Pkg.	Price
868370	86658	1/8"	100	\$4.19
868371	40658	1/8"	500	\$13.10

Standard Blind Buttonhead Rivets

Marson Rivet and Mandrel. For rivet tool kits & hand riveters. Low profile head diameter is twice the rivet body diameter providing adequate bearing surface for nearly all applications. Aluminum rivets are IFI grade 11, Steel Rivets are IFI grade 30.

Aluminum IFI grade 11

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
868328	40200	1/64" - 1/8"	3/32"	500	\$15.80
868329	40202	1/8" - 1/4"	3/32"	500	\$16.30
868330	86212	1/16" - 1/8"	1/8"	100	\$4.65
868331	40212	1/16" - 1/8"	1/8"	500	\$12.60
868332	86217	3/16" - 1/4"	1/8"	100	\$4.95
868333	40217	3/16" - 1/4"	1/8"	500	\$14.20
868334	86221	5/16" - 3/8"	1/8"	100	\$5.78
868335	40221	5/16" - 3/8"	1/8"	500	\$19.00
868336	86222	3/8" - 1/2"	1/8"	100	\$6.48
868337	40222	3/8" - 1/2"	1/8"	500	\$20.70
868338	86245	1/64" - 1/8"	3/16"	50	\$4.86
868377	40245	1/64" - 1/8"	3/16"	500	\$24.90
868340	86247	1/8" - 1/4"	3/16"	50	\$4.92
868378	40247	1/8" - 1/4"	3/16"	500	\$25.60
868342	86249	1/4" - 3/8"	3/16"	50	\$5.32
868379	40249	1/4" - 3/8"	3/16"	500	\$29.10
868344	86252	3/8" - 1/2"	3/16"	50	\$5.59
868380	40252	3/8" - 1/2"	3/16"	500	\$32.00
868381	40255	1/2" - 5/8"	3/16"	500	\$38.30
868347	42281	1/64" - 1/4"	1/4"	100	\$14.80
868348	42285	1/64" - 1/2"	1/4"	100	\$18.10

Steel IFI grade 30

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
868351	86112	1/16" - 1/8"	1/8"	100	\$4.62
868352	40112	1/16" - 1/8"	1/8"	500	\$14.40
868353	86117	3/16" - 1/4"	1/8"	100	\$4.81
868354	40117	3/16" - 1/4"	1/8"	500	\$16.20

MEASURING & LAYOUT



ProSite® Steel Protractor

Starrett Replaces the error prone calculation process for perfect miter cuts. The easy-to-use tool has 2 scales. 1 shows the miter joint angle, the second provides the angle to fit a single workpiece to an angle. To use, measure the angle, set the saw to the angle that the arrow points to on the scale, then cut the pieces.

Stk.	Mfr.	Length	Price
875300	505A-12	12"	\$99.00



Steel Protractor C183

Starrett Preferred by draftsmen, machinists and mechanics for setting bevels and transferring angles. Rectangular head has 4 working

edges. Double graduations from 0 to 180° in opposite directions permit reading an angle directly and reading the supplementary angle. Blade can be locked at any angle by a lock joint and knurled nut. Satin chrome finish.

Stk.	Mfr.	Price
874260	C183	\$96.60



Steel Protractor

General Used by machinists, draftsmen and mechanics for setting bevels, measuring and transferring angles. 3-3/8" x 2" rectangular head. Permanently etched graduations from 0-180° in

opposite directions. 6" adjustable protractor arm locks into desired position with knurled thumb nut. Ground stainless steel for optimum accuracy.

Stk.	Mfr.	Price
417204	17	\$16.30



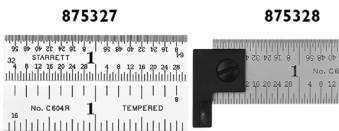
Digital Precision Protractor

General Takes guesswork out of measuring, marking, reading and transferring angles. Easy-read display may be inverted.

- Accuracy: 0.1°
- Resolution: 0.05°
- Range: 0° to 180°
- Hold function

Includes 3V battery.

Stk.	Mfr.	Length	Price
419891	1702	6"	\$30.00



Spring Tempered Steel Rules

Starrett Satin chrome finish. Graduations .8ths, 16ths & quick-reading 32nds, 64ths.

Stk.	Mfr.	Length	Width	Price
875327	C604R-6	6"	3/4"	\$28.00
875329	C604R-12	1'	1"	\$47.20
875331	C604R-24	2'	1-1/4"	\$119.00

Rule w/Hook

875328	CH604R-6	6"	3/4"	\$36.10
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Rigid Precision Steel Rule

General Stainless steel rigid rule with satin chrome finish and ultra fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
419885	CF1276	12"	1"	8ths, 16ths, 32nds, 64ths	\$19.50



English Pattern Steel Rules

Starrett General utility rule has easy-to-read markings that are heavier than conventional machine-divided rules. Graduated on both edges, both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
874630	414-1	1'	1-1/4"	8ths, 16ths	\$45.40
874632	414-2	2'	1-1/4"	8ths, 16ths	\$78.00



Rounded-End Steel Rule

General Precision-made stainless steel rule with fine, black etched graduations. Flexible rule has rounded end with hang hole.

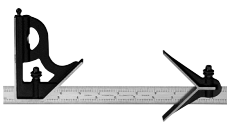
Stk.	Mfr.	Length	Width	Graduations	Price
419881	1201ME	1'	7/8"	8ths, 16ths, 32nds, 64ths, 1.0mm, .5mm	\$9.51



No. 62 & 60 Steel Rules

Lufkin Marked on both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
308876	6012IN	1'	3/4"	8ths, 16ths	\$33.80
309144	621FT	1'	1-1/4"	8ths, 16ths	\$37.20
309211	622FT	2'	1-1/4"	8ths, 16ths	\$58.30
309278	623FT	3'	1-1/4"	8ths, 16ths	\$89.50



Machinist's Combination Squares

Starrett Square head and center head, with reversible lock bolts, spirit level and tempered steel machine-divided blade.

Stk.	Mfr.	Blade	Graduations	Price
873268	11HC-6-4R	6"L	8th, 16th, 32nd, 64th	\$123.00
873335	11HC-12-4R	12"L	8th, 16th, 32nd, 64th	\$138.00



Ultratest Steel Rule

General Ultra fine black graduations against a hard satin chrome finish for easy reading and long life. Plastic case.

Stk.	Mfr.	Length	Width	Graduations	Price
419893	CF1845	18"	3/4"	32nds, 64ths, 10ths, 100ths	\$29.90



6" Rigid Steel Rule

General Stainless steel rule etched with fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
419144	676	6"	3/4"	8ths, 16ths, 32nds, 64ths	\$8.21



Inch/Decimal Steel Rule

General Flexible rule with depth gauge pocket clip.

Stk.	Mfr.	Length	Width	Graduations	Price
418005	300/1	6"	15/32"	32nds, 64ths, decimals	\$3.32



Flexible Steel Circumference Rule

Lufkin Liquid or dry measure dimension table on reverse side for layout work. Can also be used as a bench rule.

Stk.	Mfr.	Length	Width	Graduations	Price
309814	953FT	3'	1-1/4"	16ths, circumferences	\$95.70



Flexible Aluminum Rule

Lufkin Sharply defined, easy-to-read markings with straight parallel edges for greater accuracy.

Marked one side only. Lightweight and rustproof w/tarnish-free finish. Lies flat, has hang-up hole for storage.

Stk.	Mfr.	Length	Width	Graduations	Price
312050	J260	3'	15/64"	16ths	\$9.18



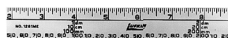
Aluminum Rules

Johnson Level Extruded aluminum with clear anodized finish and screened thermal bonded black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
487015	J112	1'	1-1/8"	8ths & 16ths	\$2.40
487018	J118	1-1/2'	1-1/8"	8ths & 16ths	\$2.60
487016	J124	2'	1-1/8"	8ths & 16ths	\$2.95
487017	J236	3'	1-1/8"	8ths & 16ths	\$3.88

Inch/Metric Meter Stick

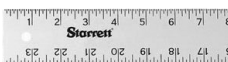
Lufkin Aluminum English/metric meter stick. Front side has measurements, other side shows table of equivalents and conversions.



Stk.	Mfr.	Length	Width	Graduations	Price
312051	J261ME	1 Meter (3.3')	1"	16ths, dm, cm, mm	\$23.30

Aluminum Meter Stick

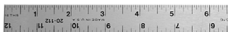
Starrett Parallel, accurate, flexible rule made of anodized aluminum.



Stk.	Mfr.	Length	Width	Graduations	Price
872985	MS-2	1 Meter (3.3')	1-1/8"	1/8th, mm	\$8.76

Straightedge Rules

Alvin Made of hardened aluminum, distinctly calibrated in black. Featherweight, strong, semi-rigid rule for flexible use. Non-rust matte finish. Hang hole.



Stk.	Mfr.	Length	Width	Graduations	Price
196024	AR701-12	12"	7/8"	8ths, 16ths	\$4.70
196025	AR701-18	18"	1-1/4"	8ths, 16ths	\$6.30

Combination Square Set w/Case

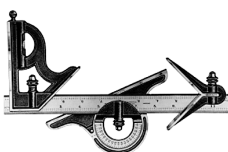
Chicago Brand This set has a square, protractor, center gauge, rule and scriber. Includes level in both square and protractor heads. Protractor marking to 1/4°. Wooden storage case.



Stk.	Mfr.	Blade	Graduations	Price
302640	50213	12"L	8th, 16th, 32nd, 64th	\$111.00

Combination Square Set

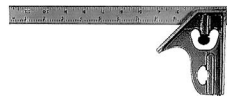
Starrett This set has a nonreversible protractor head and patented reversible lock bolts. Includes spirit level in both square and protractor heads, direct reading double 180° protractor scale, tempered steel machine-divided blade.



Stk.	Mfr.	Blade	Graduations	Price
873067	9-12-4R	12"L	8th, 16th, 32nd, 64th	\$258.00

Carpenter's Combination Square

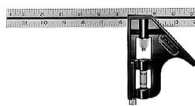
General Enameled cast iron head with precision level and scriber for 90° and 45° angles. 12" x 1" steel blade is graduated on both sides.



Stk.	Mfr.	Blade	Handle	Graduations	Price
419467	812	12"	4-1/2"	8ths, 16ths, 32nds	\$46.50

Yellow Combination Square

Stanley Grooved 12" removable blade. Spring wire and clamping lug in handle keeps blade in place. Cast iron handle has level glass and scratch awl.



Stk.	Mfr.	Blade	Handle	Graduations	Price
854601	46-123	12"	4-1/4"	8ths, 16ths, 32nds	\$17.70

Combination Squares

Stanley Blade is coated to resist rust. Measure, square and level with this square complete with grooved blade, scratch awl and hand-regulated level vial.



Stk.	Mfr.	Blade	Handle	Graduations	Price
854668	46-222	12"	4-1/8"	8ths, 16ths, 32nds	\$11.80
854471	46-028	12"	4-1/8"	8ths, 16ths, 32nds, metric	\$13.90

Contractor Metal Combination Square

Johnson Level Cast zinc head has computer machined gauging edges for greater accuracy. Square also features an acrylic yellow barrel vial and a hardened removable scriber. Steel blade has permanently stamped graduations with rust protective coating.



Stk.	Mfr.	Blade	Handle	Graduations	Price
486960	400	12"	4-1/8"	8ths, 16ths, 32nds	\$12.00

Professional Bamboo Try Square

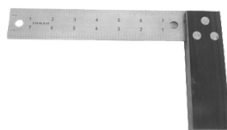
Johnson Level Bamboo handle with stainless gauging edges, etched graduations and routed hand grip. Heavy duty stainless steel blade will not rust or corrode.



Stk.	Mfr.	Blade	Graduations	Price
487655	1909-0800	8"	8ths, 16ths	\$13.00

Hardwood Try Square

Master Mechanic Precision etched stainless steel blade and brass bound hardwood handle for long life in the shop or on the job.



Stk.	Mfr.	Blade	Graduations	Price
943306	162990	8"	8ths & 16ths	\$12.00

Plastic Handle Try / Miter Square

Stanley Aluminum blade with lightweight plastic handle. Measures 45° and 90° angles.



Stk.	Mfr.	Blade	Graduations	Price
854730	46-502	8"	8ths	\$6.65



Double Square

Starrett The sliding blade is adjustable. The faces of the head are ground square.

Stk.	Mfr.	Graduations	Price
873360	13A	8ths, 16ths, 32nds & 64ths	\$80.30



Trammel Points

General Accurately measures or marks distances greater than the range covered by ordinary dividers. Great for lofting layouts, template marking, etc. The 6" off-center points can be made with pencils, ballpoint pens, crayons or soapstone sticks. Clamp opening will take a beam 3/4" to 1-3/8" T and any width or length.

Stk.	Mfr.	Price
418809	523	\$45.60



873735 873868 874002

Yankee Calipers & Dividers

Starrett Calipers are made from a high-grade steel and well finished. Legs are made of flat stock and are very durable. Fulcrum stud is hardened and has a smooth bearing surface. Bow spring, although flexible, is exceedingly strong to assure reliability. Solid nut type.

Inside

Stk.	Mfr.	Size	Price
873735	73A-4	4"	\$56.50
873737	73A-6	6"	\$58.20
873804	73A-8	8"	\$83.80

Outside

873868	79A-4	4"	\$71.00
873871	79A-6	6"	\$69.90
873938	79A-8	8"	\$87.30

Divider

874002	83A-4	4"	\$74.50
874005	83A-6	6"	\$76.90
874072	83A-8	8"	\$99.00



874420 874430 874440

Toolmaker's Calipers & Dividers

Starrett Fine adjustment and better balance provide a more sensitive feel. Legs are made from round stock. Fulcrum stud is hardened. Bearing surfaces of the legs are sufficiently large to prevent any side deflection.

Stk.	Mfr.	Size	Price
874420	274-6	Inside, 6"	\$74.50
874430	275-6	Outside, 6"	\$82.70
874440	277-6	Divider, 6"	\$79.20

Machinist's 3-in-1 Set



Chicago Brand Three of the most useful measuring and marking tools for mechanics and machinists.

Includes 6" dial caliper, 0-1" outside micrometer & 6" flexible rule.

Stk.	Mfr.	Price
302520	50020	\$75.40



Basic Precision Measuring Tool Set

Starrett 3 rugged, easy-to-use precision-produced tools for mechanics and toolmakers.

Micrometer (0 to 1") with satin chrome finish and a rigid 1-piece, drop forged steel black frame, ribbed for extra strength. Equipped with pointed anvil and extremely hard 1-piece spindle, ratchet stop, lock nut and simple sleeve adjustment with staggered lines and distinct figures for precise, easy readability.

Dial caliper (0 to 6" thousandths) offers 1-hand use with thumb-operated fine adjustment roll. Hardened stainless steel bar, measuring surfaces, rack, gears and depth rod. Sharp black bar graduations on a no-glare satin finish. Knife-edge contacts for inside and outside measurements.

6" rule (8ths, 16ths, 32nds, 64ths graduations) is spring-tempered of fine quality steel with satin chrome finish. Produced to the highest standards for accurate and readable precision. Machine-divided (not photoengraved) graduations provide uniformity of line width and depth. Quick reading for easier counting.

Includes 1" outside micrometer w/carbide face, 6" dial caliper, 6" spring tempered precision rule & case.

Stk.	Mfr.	Price
875430	S909Z	\$478.00



6" Dial Calipers

General High-strength reinforced plastic units have inside, outside, depth and step measuring capabilities. Free-wheeling friction thumb roller

for repetitive, accurate reading. Dial adjustable to 0. Fractional conversion table on back.

Direct-reading Inch Dial Caliper Color-coded graduations.

Stk.	Mfr.	Graduations	Price
417920	142	.01 & 64ths w/inch & mm on bar scale	\$40.00

1000ths-reading Dial Single Revol. Caliper Outside jaw 1-1/2"L, inside jaw 5/8"L.

417925	145	.001", 10ths/mm	\$47.00
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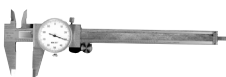
6" Dial Caliper

Chicago Brand Fast, easy and accurate measurement of outside, inside, step and depth

dimensions to within .001". Hardened stainless steel measurement surfaces, screw-mounted rack gears, jaw lock and shock-resistant indicators assure long life.

Includes fitted case.

Stk.	Mfr.	Graduations	Price
302505	50004	.001"	\$45.50



6" Dial Caliper 107

General Stainless steel construction with inside and outside measurements. Dial meets/exceeds federal specifications for accuracy. Satin chrome scale with clearly etched 10ths of inch graduations. Covered, protected rack for precision accuracy. Depth stop rod and adjustable bezel for zero setting.

Stk.	Mfr.	Graduations	Price
417738	107	.001"	\$48.00

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6" Dial Caliper

Starrett Made of hardened stainless steel, with sharp black bar graduations on a no-glare satin background. Knife edge contracts for inside and outside measurements. Used for scribing lines parallel to work edges. Enables 1-hand use with thumb-operated fine adjusting roll. Features positive split gear anti-backlash control and depth gauge with depth attachment, sold separately.

Includes case.

Stk.	Mfr.	Graduations	Price
874190	120A-6	.001"	\$234.00

Depth Attachment

874185	PT22431		\$74.30
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English & Metric Vernier Calipers

5" Inside and outside jaws and full-length depth gauge. Caliper has inside, outside depth and step measurement, plus lock for repetitive work. Steel tool has friction roller adjustment and slide lock gauging.

Stk.	Mfr.	Graduations	Price
419212	722	1/6th & mm, 1/128" & .1mm	\$15.80

6" Hardened measurement surfaces and stainless construction with crisp bar markings in inches and millimeters. Features inside, outside, step and depth dimensions. **Includes** case.

302511	50011	.001" & .02mm	\$34.50
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6" Digital Caliper

Johnson Level Ideal for inside, outside, depth and step measurements. Measurements read in millimeters, inch/decimal and inch/fraction and

zero button to set display to 0.000 at any position.

- Large easy-to-read digital LCD display
- Working range 0 to 6" & 0 to 150mm
- Scale in tenths of an inch up to 6" & millimeters up to 150 millimeters
- Thumb wheel & locking knob to set & lock the scale desired measurement
- Low battery indicator • Automatic shut-off • Mfr.'s 1-yr. warranty

Includes LR44 lithium battery, hard case & instruction manual.

Stk.	Mfr.	Graduations	Price
487653	1889-0600	.001"	\$52.50



6" IP67 Electronic Slide Caliper

Starrett Large, easy-to-read LCD (.310"H characters). IP67 level of protection against coolant, water, dirt and dust. Induction linear

encoder system. Auto shut-off after 30 min. without loss of position upon reactivation. Non-contact RS-232 data output.

- Hardened stainless steel measuring surfaces for long life
- Switchable inch/metric selector w/resolution to .0005" or .01mm
- Heavy-duty bar & slide (3.5mm thick) • Zero at any position
- Fine adjustment & slide lock • Linear accuracy meets DIN862

Includes battery & molded case.

Stk.	Mfr.	Graduations	Price
875340	798B-6/150	.0005"	\$265.00

6" Digital Caliper



Chicago Brand Extra large display offers full .50" digits with scratch-resistant crystal lens. Zero location is retained with each power on.

Easy glide thumb roller, depth bar and lock.

- Switchable inch/metric selector w/resolution to .0005" or .01mm
- Hardened stainless steel body • 1-yr. mfr.'s warranty

Includes case, battery & manual.

Stk.	Mfr.	Graduations	Price
302500	50001S	.001"	\$63.50



Dial Indicator 25-441J

Starrett Conforms to AGD specifications (except range). Shock-free hardened steel gear train with jewel bearings.

Stk.	Mfr.	Graduations	Dial Reading	Price
873476	25-441J	.001"	0-100	\$177.00



2-1/4" Dial Indicator

Chicago Brand Rugged 2-1/4" indicator with 100 divisions per revolution with a counter. Features curved glare-resistant face, adjustable zero with lock, hardened tip, limits indicator, stainless stem, 1/4" lug back and 3/8" stem mountable.

Includes metal case.

Stk.	Mfr.	Graduations	Range	Dial Reading	Price
302610	50150	.001"	0"-1"	100	\$29.00



Mighty Mag w/1" Travel Indicator

Flexbar Precision dial indicator features unique combination of central lug and magnetic back plate. Enclosed case protects movement from dust and oil. 3/8" stainless steel hardened stem. Powerful and accurate 50 lb. pull Mighty Mag features zinc die-cast housing with painted finish,

5 locations for mounting accessories, 3 positions 1/4-20 for lug mounts, 10-32 tapped hole, 3/8" reamed hole and utility hole with clamping screw.

Stk.	Mfr.	Graduations	Range	Dial Reading	Price
408490	12026	.001"	1"	100	\$69.00



Dial Indicator Kit

Chicago Brand Long range indicator with revolution counter and adjustable zero. Compact magnetic base with 22 lb. holding force.

Includes rods, clamps & molded case.

Stk.	Mfr.	Graduations	Range	Price
302680	56410	.001"	0"-1"	\$88.20

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Universal Back Plunger Dial Indicator

Starrett Simple, reliable, easy-to-read unit is a very sensitive instrument. May be adjusted to any angle - the slightest pressure on the contact point will produce a movement of the hand on the dial. 3 hardened contacts are furnished for different classes of work.

Includes case & clamp, tool post holder & snug (sleeve) complete.

Stk.	Mfr.	Price
874273	196AIZ	\$290.00

Instrument & Adapter Only

Stk.	Mfr.	Price
874278	196BI	\$167.00



Magnetic Base Indicator Holder Set

Starrett Secure test indicators with a powerful, permanent magnetic base. Holds firmly to steel or iron surfaces - horizontally, vertically or upside-down. I-hand set-up and take-down. Push button switch turns magnetic force on or off. V-step adapts base to horizontal or vertical arbors and chucks. Extra 1/4-20 NC tapped hole in side of base for indicator

mounting post. 3 precision-ground magnetic contact surfaces (& V-step). Black-wrinkle finish on nonworking surfaces.

Stk.	Mfr.	Price
875333	657AA	\$224.00



Magnetic Base Indicator Holder

Chicago Brand Full-size magnetic base features 130 lbs. of holding force, on/off flip switch with bottom machined to mount on a flat or cylindrical surface. Fine adjustment, 14" reach, plus 5/32", 1/4" and 5/16" stems.

Stk.	Mfr.	Price
302636	50208	\$34.50



Pin Vise

General Nickel-plated swivel head pin vise for holding drills, taps, wire. 0-1/8" capacity.

Includes 2 double end collets.

Stk.	Mfr.	Dia.	Length	Price
417670	92	5/16"	3-11/16"	\$12.60



Precision Feeler Gauges

Starrett 26 straight replaceable leaves, ranging from .0015" to .025" thick, 3-1/32" long and 1/2" wide. Locking device provided.

Stk.	Mfr.	Price
873600	66	\$73.40



Surface Gauge

Starrett Gauge has a cast base, round bottom surface, with polished sides. 2 gauge pins in base are for linear work. V-grooved in the base for cylindrical work. Spindle is adjustable to any angle above or below base. Capable of extra fine adjustment plus wide range. Scriber and spindle holes are in permanent alignment.

Stk.	Mfr.	Spindle	Base	Price
873536	57A	9"	2-15/16" x 2-9/16"	\$223.00



Telescoping Gauges

Starrett Automatic self-centering handle. Plungers telescope within each other providing a positive seat in all positions. Constant spring tension gives uniform contact pressure. Plungers are easily locked at any desired setting. Contact ends are hardened and ground to a radius to provide proper clearance.

Stk.	Mfr.	Range	Price
875320	579A	5/16" - 1/2"	\$39.00
875321	579B	1/2" - 3/4"	\$41.30
875322	579C	3/4" - 1-1/4"	\$42.50
875323	579D	1-1/4" - 2-1/8"	\$43.70
875324	579E	2-1/8" - 3-1/2"	\$55.90
875325	579F	3-1/2" - 6"	\$71.00

3-Piece Set Includes 3 sizes No.'s 299A, B, C (1/2" to 2-1/8") & case.

874305	S229FZ	\$139.00
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4-Piece Set Includes 4 sizes No.'s 579A, B, C, D (5/16" to 2-1/8") & case.

875326	S579GZ	\$177.00
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6-Piece Set Includes 6 sizes No.'s 579A, B, C, D, E, F (5/16" to 6") & case.

875319	S579HZ	\$308.00
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Telescoping Gauge Set

General For quick, accurate measurements of inside diameters of holes and widths of slots from which micrometer measurements are taken. Both gauging ends are heat-treated tool steel and ground to a radius for measuring the smallest hole the gauge will enter. Self-centering

action ensures accuracy. Long-handled design provides improved reach in deep holes and slots. Satin chrome finish. Swivel lock at base of handle.

Includes sizes AA, A, B, C, D, E (from 5/16" to 6") & case.

Stk.	Mfr.	Item	Price
417700	S98-6	6-Piece Set	\$149.00



Depth Gauge

Starrett Gauge quickly obtains measurements of a blind hole (32nds & 64ths, 1/2 mm) by adjusting rule to required depth. Finished, hardened steel head and precision, machine-divided, tempered steel rule (6" L x 3/16"W). Gauge adjusts smoothly then locks into position. Base is cut out on one side for easier readings and accurate measurements. Fixed 90° angle depth gauge with 2-1/2" precision-ground work base.

Stk.	Mfr.	Price
874340	237	\$62.90



Depth & Angle Gauge

General Easy-read depth/90° angle gauge makes precise depth measurements in small holes and slots. Doubles as a protractor (measuring 30°, 45° & 60° R&L). Spring tension nut secures rule in milled slot to the hardened steel base (2-1/2"W). Stainless steel rule (6" x 1/4") is etched (graduated in 32nds & 64ths) and can be locked in any position. Conforms to government specification GGG-G-17b.

Stk.	Mfr.	Price
418780	444	\$21.80

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Micrometer Depth Gauges

Starrett Measures depth of slots, shoulders and projections to .001". Range is 0 to 3" with 3 rods. Sleeve and thimble have a no-glare satin chrome finish. Graduations are quick-reading with every 1,000th numbered. The precision-ground screw has a 1" movement. A locknut holds the setting at measurement desired. Supplied with case.

Stk.	Mfr.	Item	Price
875290	440Z-3RL	2-1/2"L x 1/8" dia.	\$296.00
875296	445BZ-3RL	4"L x 5/32" dia.	\$319.00



Small Hole Gauge Set

Starrett For accurately measuring small holes, slots, grooves and recesses. Hardened contact surfaces have split ball, which is adjusted to size by knurled knot at end of gauge. Final size in 1,000ths of an inch is obtained by measuring over ball contacts with a micrometer.

Includes 4 sizes (.125" to .500") & case.

Stk.	Mfr.	Price
875390	S829EZ	\$196.00



Contour Gauge

General Ideal for any job or hobby where contour duplication is essential.

- Inch graduations
- Stainless steel pins
- Body is painted enamel & brass-plated

• Size: 6" x 3-1/2" (overall travel 5-1/4")

Stk.	Mfr.	Length	Price
419615	837	6"	\$11.20



Center Gauge

General Made of tempered and ground stainless steel with satin chrome finish. 60° angles for U.S. standard threads and double depth of American National thread. Notches have clearance slots.

Graduations: of 14ths, 20ths, 24ths & 32nds of an inch.

Stk.	Mfr.	Price
419346	CF778	\$12.30



Center Gauge C391

Starrett Spring-tempered steel. Satin chrome finish. All gauging surfaces are ground. U.S. Standard 60°.

Stk.	Mfr.	Price
874608	C391	\$28.00



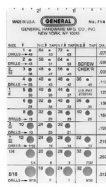
Radius Gauge Set

Starrett Set features 5 different gauge surfaces on each gauge for both convex and concave radii. Precision finished radii with extra smooth accurate edges.

1/64" to 1/2" radius.

Includes 25 gauges & case.

Stk.	Mfr.	Price
874256	S167CHZ	\$212.00



Check Screw Gauge

General Use to identify machine, wood and self-tapping screws, bolts, standard rivets and common cotter pins (up to 5/16"). 3" scale checks screw lengths. Gives drill size for corresponding tap size and drill size for like hole. Threaded holes indicate threads per inch while unthreaded indicate size by number and fractions (of an inch). Made of durable engineering plastic.

Stk.	Mfr.	Price
419205	714	\$12.30



Drill Point Gauge

Starrett A gauge with precision features, insuring correct drill point angles at 59° for better and faster cutting. Accurately measures drill lengths. Can also be used as a plain rule, hook rule, depth gauge, try square and slide caliper.

Stk.	Mfr.	Price
873469	22C	\$74.50



Tap & Drill Gauge

Starrett See at a glance the correct size tap drill for any common size machine screw tap in "NF" or "NC" thread series and will leave the right amount of stock for approximately 65% full thread. Also shows the correct body size drill to use and provides 60 holes marked with the number size and decimal equivalent of the drill that fits each hole. Thoroughly tested for accuracy after hardening. Satin finish.

Tap size: 2 - 56 to 1/4 - 28. Drill gauge numbers 1 to 60.

Range: tap drill 50 to 3, body drill 44 to 1/4.

Tool size 5/64" T x 2-5/16" W x 6-1/4" L.

Stk.	Mfr.	Price
874265	185	\$82.70



Screw Pitch Gauge

Starrett Compact gauges with locking devices for determining inside or outside threads per inch according to V, Unified, American National, and U.S. Standard - 60° threads.

- 11-1/2 & 27 pipe thread pitches
- TPI range 4-42

Includes 30 pitches (4 through 42-4, 4-1/2, 5, 5-1/2, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42).

Stk.	Mfr.	Price
873000	6	\$45.40



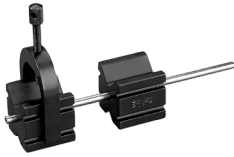
Wire & Metal Gauges

American Standard Wire Gauge

Stk.	Mfr.	Range	Price
417268	20	0 - 36	\$27.60
874474	281	0 - 36 / .325" - .005"	\$85.00

US Standard Sheet Metal Gauge

Stk.	Mfr.	Range	Price
417335	21	0 - 36	\$26.50
874541	283	0 - 36 / .3125 - .007"	\$85.00



Steel V Blocks & Clamp

Starrett Designed to be used singly or in pairs for laying out work. The blocks are 1-1/4" square and will hold round pieces to 1-1/4".

Stk.	Mfr.	Item	Price
874404	271B	Steel V Blocks & Clamp	\$34.60
874407	271C	Clamp Only	\$124.00



Wiggler & Center Finder

Starrett This tool adapts to many applications with 4 different attachments that are readily interchangeable in wiggler shank. Attachments are snapped into chuck without removing collet nut and are clamped by ball swivel joint which adjusts to angular position or true concentricity.

Includes center finder, shank w/point, ball contact, disc contact, offset indicator holder & case.

Stk.	Mfr.	Price
875384	S828HZ	\$71.00



Edge Finders

Starrett Can be used with flat straight edges, shoulders, grooves, round work, studs, dowels or center points and scribed lines. Body and contacts are made of tool steel, hardened, ground and lapped to close tolerances for diameter and concentricity.

Stk.	Mfr.	Item	Contact Dia.	Body Dia.	Price
875379	827A	Single end	.200"	.375"	\$30.30
875380	827B	Double end	.200"	.500"	\$36.70



3-Piece Scriber Set

Starrett Scriber points screw into the nickel-plated knurled handle and fit either end.

Includes 3 points: straight, short bent (9"L) & long bent (12"L).

Stk.	Mfr.	Price
873603	67A	\$41.90



Tungsten Carbide Point Scribers

General Tungsten carbide tip marks stainless steel, copper, ceramics, glass. Screw chuck for reversing tip when not in use.

Stk.	Mfr.	Length	Price
417660	88	6"	\$7.07
417662	88CM	6" w/Magnet	\$8.63



Pocket Scribers

Starrett Steel tubing handle, knurled and nickel-plated. The scriber point is held firmly on the handle by a knurled chuck and locked inside handle when not in use.

Steel

Stk.	Mfr.	Point	Stock	Price
873670	70A	2-3/8"L	1/4" dia.	\$16.00
873680	70B	2-7/8"L	3/8" dia.	\$19.30

Carbide

Stk.	Mfr.	Point	Stock	Price
873676	70AX	2-3/8"L	1/4" dia.	\$36.70
873688	70BX	2-7/8"L	3/8" dia.	\$39.60



Educational Wall Charts

Starrett 15 Whiteprint charts (18-5/8" x 14-5/8" ea.) help students recognize basic tools, their principal parts and uses. 2 charts are informational.

Includes charts for:

- magnetic base indicator holders
- inside micrometer
- outside micrometer
- micrometer depth gauge
- vernier caliper
- height gauge
- electronic micrometer
- machinist's vise
- hook rule
- combination square
- bevel protractor
- dial indicator
- standard & dial calipers
- dial test indicator
- surface gauge
- How to Read Metric & How to Read English Measuring Tools

Stk.	Mfr.	Item	Price
875592	1702	17/set	\$31.50



I24 Series Inside Micrometer

Starrett Features satin chrome finish, measures 2" - 8" in length, with 6 measuring rods, 1/2" gauge and case.

Stk.	Mfr.	Range	Graduations	Price
874206	124AZ	2"-8"	.001"	\$304.00



Outside 3-Micrometer Set

Starrett This outside micrometer set consists of 3 micrometers with ratchet stop and lock nut.

Includes standards & case.

Stk.	Mfr.	Range	Price
874668	S436.1ARLZ	0-3"	\$673.00



Outside Micrometer Sets

Chicago Brand Rugged enameled frames offer smooth action, thimble ratchet and crisp markings for consistent measurements. Carbide tips provide long lasting accuracy.

Includes calibration wrench, gauge blocks & case.

Stk.	Mfr.	Range	Graduations	Price
302552	50066	0-3"	.0001"	\$96.60
302557	50070	0-6"	.0001"	\$249.00



Electronic Micrometer

Starrett Provides IP67 level protection against coolant, water, chips, dirt, dust, and other shop contaminants. Full-featured, quality-made tool offers balanced, tapered frame for comfortable and accurate measuring.

- Can zero at any position, plus retain & return to true zero reading
- No-glare satin chrome finish on thimble & sleeve
- Large, high-contrast LCD digital readout (.275")
- Smooth friction thimble for uniform pressure
- Micro-lapped carbide measuring faces
- Spindle lock
- Hard, stable 1-piece spindle
- Measure hold button
- Auto off after 20 min. of nonuse
- Instant inch/metric conversion

Includes two 3V batteries & case.

Stk.	Mfr.	Graduations	Price
875356	796XFL-1	.0001"	\$221.00



436.1 Series Micrometers
Starrett Strength, rigidity and fine precision.
 Features no-glare, satin chrome finish.

English w/out Ratchet Stop w/out Lock Nut

Stk.	Mfr.	Range	Graduations	Price
874876	436.1P-1	0-1"	.001"	\$156.00
874943	436.1P-2	1-2"	.001"	\$187.00
875010	436.1P-3	2-3"	.001"	\$233.00

Ratchet Stop & Lock Nut

Stk.	Mfr.	Range	Graduations	Price
875144	436.1RL-1	0-1"	.001"	\$156.00

English w/Ratchet Stop & Lock Nut

Stk.	Mfr.	Range	Graduations	Price
875211	436.1RL-2	1-2"	.001"	\$187.00
875278	436.1RL-3	2-3"	.001"	\$233.00

English w/Friction Thimble & Lock Nut

Stk.	Mfr.	Range	Graduations	Price
875279	T436.1XFL-1	0-1"	.0001"	\$160.00

Metric w/Ratchet Stop & Lock Nut

Stk.	Mfr.	Range	Graduations	Price
874675	436.1MRL-25	0-25mm	.01mm	\$153.00
874742	436.1MRL-50	25-50mm	.01mm	\$198.00



Student Micrometer
General Satin finish frame has ratchet stop/friction thimble for consistent measurements. Machine-cut graduations. 0" to 1" range. Hex wrench included for zero adjustments.

Stk.	Mfr.	Range	Graduations	Price
417730	102	0-1"	.001"	\$24.50



Digital Micrometers
Chicago Brand Reads to 1,000th of an inch without having to read a vernier scale. For more accuracy, a vernier scale is provided for measurements to .001". Thimble ratchet/lock. Carbide tips. Smooth movement. Spanner wrench included for calibration.

Stk.	Mfr.	Range	Graduations	Price
302540	50054	0-1"	.0001"	\$66.20
302541	50055	1-2"	.0001"	\$69.00
302542	50056	2-3"	.0001"	\$78.60



Outside Micrometers
Chicago Brand Enameled frame, smooth action, and thimble ratchet for precision measurements. Machine-cut graduations. Calibration wrench included for all sizes.

Stk.	Mfr.	Range	Graduations	Price
302549	50063	0-1"	.0001"	\$30.30
302550	50064	1-2"	.0001"	\$33.10
302551	50065	2-3"	.0001"	\$37.20

Installation Available
for Equipment & Furniture.
 Pricing Upon Request • 800-831-5904

TAPS & DIES



Tap & Die Sets

Craftsman 19-Piece Set contains a 1" die stock, T-handle tap wrench and die stock adapter. **Includes** 10" taps 1/4-20, 5/16-18, 3/8-16, 1/4-28, 5/16-24, 3/8-24, 6/32, 8/32, 10-24, 10-32, 6" dies 1/4-20, 5/16-18, 3/8-16 N.C.; 1/4-28, 5/16-24, 3/8-16, 1/4-28, 5/16-24, 3/8-24.

Stk.	Mfr.	Price
305770	52341	\$48.40

Hanson 12-Piece Each set contains a die stock, tap wrench, 1" solid die and plug tap for each size listed. **Includes** taps & dies in sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13 & molded case.

Stk.	Mfr.	Price
462630	24612	\$51.80

Hanson 24-Piece Each set contains a die stock, tap wrench, 1" solid die and plug tap for each size listed. **Includes** taps & dies in sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1/8-27 & case.

Stk.	Mfr.	Price
462760	23622	\$95.50

Hanson 24-Piece Metric tap and 1" hexagon die set. **Includes** tap & dies: metric screw sizes 3mm-0.50, 4mm-0.70, 5mm-0.80, 6mm-1.00, 7mm-1.00, 8mm-1.25, 9mm-1.50, 10mm-1.50, 12mm-1.50, 12mm-1.75, threading tools plain die stock (for 1" dies), offset adj. tap wrench, (taps 0 to 1-1/2"), pipe (1/8-27 BSP), case.

Stk.	Mfr.	Price
463162	26313	\$116.00

Hanson 39-Piece Fractional tap and 1" solid round dies. **Includes** tap & dies: machine screw sizes 4-40, 6-32, 8-32, 10-24, 10-32 & 12-24, national coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, national fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, threading tools adj. die stock (1" dies), T-handle wrench (taps 0 to 1/4"), adj. handle tap wrench (taps 0 to 1/2"), 18 leaf standard thread pitch gauge, pipe (1/8-27 NPT), case w/ removable tray.

Stk.	Mfr.	Price
462693	23614	\$150.00

Hanson 41-Piece Fractional tap and 1-1/2" adjustable solid round dies. **Includes** tap & dies: national coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10, national fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 9/16-18, 5/8-18, 3/4-16, threading tools adj. die stock (1-1/2" dies), T-handle wrench (taps 1/4" to 1/2"), adj. handle tap wrench (taps 1/4" to 1"), 18 leaf standard thread pitch gauge, pipe 1-1/2" solid round (1/8-27 NPT, 1/4-18 NPT), case.

Stk.	Mfr.	Price
462894	25941	\$366.00

Hanson 41-Piece Fractional tap and hex die set. Machine screw sizes are 5/8", all others are 1". **Includes** tap & dies: machine screw sizes 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, National coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, National fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, threading tools adj. die stock (1" dies), plain die stock (5/8" hex. dies), adj. handle tap wrench (taps 0 to 1/2"), T-handle wrench (taps 0 to 1/4"), 2-in-1 tap wrench (taps 1/4" to 1/2"), 18 leaf standard thread pitch gauge, pipe 1" hex (1/8-27 NPT) & case w/removable tray.

Stk.	Mfr.	Price
462626	24606	\$168.00

Hanson 41-Piece Metric tap and hexagon die set. Includes tap & dies: 5/8" hexagon metric screw sizes 3mm-0.50, 4mm-0.70, 4mm -0.75, 5mm-0.80, 5mm-0.90, 6mm-1.00, 1" hexagon metric screw sizes 7mm-1.00, 8mm-1.00, 8mm-1.25, 9mm-1.00, 9mm-1.25, 10mm-1.25, 10mm-1.50, 11mm-1.50, 12mm-1.50, 12mm-1.75, threading tools adj. die stock (for 1" dies), plain die stock (for 5/8" dies), adj. handle tap wrench (for 0 to 1/2" taps), T-handle wrench (taps 0 to 1-1/4"), 2-in-1 tap wrench (for 1/4" to 1/2" taps, 16 leaf standard thread, pitch gauge, pipe 1" hex (1/8-28 BSP), case.

Stk.	Mfr.	Price
463168	26317	\$168.00

Hanson 65-Piece Fractional tap and solid adjustable round dies. Includes tap & dies: 1" Solid Round machine screw sizes 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, National coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, National fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1-1/2" Adj. Round National coarse sizes 9/16-12, 5/8-11, 3/4-10, National fine sizes 9/16-18, 5/8-18, 3/4-16, 2" Adj. Round National coarse sizes 7/8-9, 1-8, National fine size 7/8-14, National special size 1-12, threading tools adj. die stock (for 1", 1-1/2" & 2" dies), 2 adj. handle tap wrenches (for 0 to 1/2" & 1/4" to 1" taps), T-handle wrench (taps 0 to 1/4"), 18 leaf standard thread pitch gauge, pipe 1" solid round (1/8-27 NPT), 1-1/2" solid round (1/4-18 NPT) & case.

Stk.	Mfr.	Price
461688	98614	\$544.00

Hanson 66-Piece Tap and hexagon die machine screw and fractional combination set. Includes tap & dies: 5/8" hexagon machine screw sizes 4-40, 6-32, 8-32, 10-24, 10-32 & 12-24, 1" hexagon national coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, national fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1-1/2" Adj. Round National coarse sizes 9/16-12, 5/8-11, 3/4-10, national fine sizes 9/16-18, 5/8-18, 3/4-16, 2" Adj. Round National coarse sizes 7/8-9, 1-8 & National fine sizes 7/8-14, 1-12, threading tools adj. die stock (for 1", 1-1/2" & 2" dies), plain die stock (for 5/8" dies), 2 adj. handle tap wrenches (for 0 to 1/2" & 1/4" to 1" taps), 2-in-1 tap wrench (1/4" to 1/2"), 2 T-handle wrenches (taps 0 to 1-1/4"), 18 leaf standard thread pitch gauge, pipe 1" hex (1/8-27 NPT), 1-1/2" solid round (1/4-18 NPT), case.

Stk.	Mfr.	Price
461680	98606	\$526.00

Tap Wrenches



T-Handle Ratcheting

Stk.	Mfr.	Capacity	Length	Price
417948	161R	#0-1/4"	3-1/2"	\$37.00
417952	162R	#12-1/2"	4-1/4"	\$47.00

T-Handle Non-ratcheting

461755	12401	#0-1/4"		\$6.08
462224	12415	#12-5/16"		\$7.64
461822	12402	1/4"-1/2"		\$9.09

Adjustable

462425	12088	#0-1/2"		\$17.60
462157	12498	1/4"-1"		\$45.90



Pipe Taps

Hanson Taper, high-carbon steel pipe taps.

Stk.	Mfr.	Size	Price
448824	1902	1/8-NPT	\$4.87
448891	1903	1/4-NPT	\$6.49
448958	1904	3/8-NPT	\$9.27
449025	1905	1/2-NPT	\$17.20

Machine Screw Taps

Hanson

Taper, High Carbon Steel

Stk.	Mfr.	Size	Flutes	Price
443985	1018	6-32	3	\$3.02
443986	1024	8-32	4	\$3.09
443987	1028	10-24	4	\$3.27
443988	1031	10-32	4	\$3.27
443989	1032	12-24	4	\$3.22

Plug, High Carbon Steel

444268	1118	6-32	3	\$3.02
444335	1124	8-32	4	\$3.09
444402	1128	10-24	4	\$3.27
444469	1131	10-32	4	\$3.27
444536	1132	12-24	4	\$3.32

Taper, HSS

452711	400015	6-32NC	3	\$5.35
452712	400019	8-32NC	4	\$5.42
452713	400022	10-24NC	4	\$5.59
452714	400023	10-32NC	4	\$5.59
452715	400025	12-24NC	4	\$5.83



Fractional Size Taps

Hanson

Taper, High Carbon Steel

Stk.	Mfr.	Size	Flutes	Price
444804	1320	1/4-20NC	4	\$3.27
444871	1323	1/4-28NF	4	\$3.27
444938	1327	5/16-18NC	4	\$4.10
445005	1329	5/16-24NF	4	\$4.10
445072	1334	3/8-16NC	4	\$4.95
445139	1336	3/8-24NF	4	\$4.95
445206	1339	7/16-14NC	4	\$5.42
445273	1340	7/16-20NF	4	\$5.42
445340	1344	1/2-13NC	4	\$6.19
445407	1345	1/2-20NF	4	\$6.19

Plug, High Carbon Steel

446211	1420	1/4-20NC	4	\$3.27
446278	1423	1/4-28NF	4	\$3.27
446345	1427	5/16-18NC	4	\$4.10
446412	1429	5/16-24NF	4	\$4.10
446479	1434	3/8-16NC	4	\$4.95
446546	1436	3/8-24NF	4	\$4.95
446613	1439	7/16-14NC	4	\$5.42
446680	1440	7/16-20NF	4	\$5.42
446747	1444	1/2-13NC	4	\$6.19
446814	1445	1/2-20NF	4	\$6.19

Bottoming, High Carbon Steel

447618	1520	1/4-20NC	4	\$3.27
447685	1523	1/4-28NF	4	\$3.27
447752	1527	5/16-18NC	4	\$4.10
447819	1529	5/16-24NF	4	\$4.10
447886	1534	3/8-16NC	4	\$4.95
447953	1536	3/8-24NF	4	\$4.95
448020	1539	7/16-14NC	4	\$5.42
448087	1540	7/16-20NF	4	\$5.42
448154	1544	1/2-13NC	4	\$6.19
448221	1545	1/2-20NF	4	\$6.19

Taper, HSS

452721	410010	1/4-20NC	4	\$6.36
452723	410015	5/16-18NC	4	\$7.15
452729	410022	1/2-13NC	4	\$14.50



Solid Round Dies - 1" O.D.

Hanson Adjustable high-carbon steel solid dies.

Stk.	Mfr.	Size	Price
450968	3820	1/4-20	\$9.20
451035	3823	1/4-28	\$9.20
451102	3827	5/16-18	\$9.20
451169	3829	5/16-24	\$9.20
451236	3834	3/8-16	\$9.20
451303	3836	3/8-24	\$10.60
451370	3839	7/16-14	\$9.20
451437	3840	7/16-20	\$9.20
451504	3844	1/2-13	\$9.20
451571	3845	1/2-20	\$9.20

Hexagon Dies - 1" Across Flats

Hanson High-carbon steel hexagon dies.

Stk.	Mfr.	Size	Price
452662	6520	1/4-20	\$4.19
452663	6523	1/4-28	\$4.19
452664	6527	5/16-18	\$4.19
452665	6529	5/16-24	\$4.19
452666	6534	3/8-16	\$4.19
452667	6536	3/8-24	\$4.19
452668	6539	7/16-14	\$4.19
452669	6540	7/16-20	\$4.19
452671	6544	1/2-13	\$4.19
452672	6545	1/2-20	\$4.19



Die Stocks

Hanson For 1" hex or round dies.

Stk.	Mfr.	Type	Capacity	Price
462360	12026	Adjustable	10"	\$15.90
461889	11008	Nonadjustable	9"	\$8.61

CHEMICALS & FLUIDS



Naval Jelly

Duro Chemically removes rust from all iron and steel surfaces. Brush-on, wash off.

Stk.	Mfr.	Size	Price
504290	01-80277	Pint	\$8.39



Rust Remover

Krud Kutter Water-based formula penetrates metal to dissolve rust and oxidation through chemical action. Rust-inhibiting crystals bond with metal surface to resist future rusting. Dry surface may be painted, welded, plated, lubricated or left bare. Spray, brush or dip on rusted or new metal, galvanized metal, aluminum, stainless steel, cast iron, chrome, brass,

concrete, brick, stucco, stone, marble, porcelain, fiberglass, ceramic, glass, rubber, plastic.

Stk.	Mfr.	Size	Price
889360	MR32	32 oz. spray	\$13.50



Steel Blue Layout Fluid

Dykem An extremely thin translucent film coating with uniform deep blue color that prevents glare and dries in 2-4 minutes. Remains flexible without cracking or chipping and enables you to scribe sharp, clear, precise lines. Resistant to synthetic coolants, soluble oils, kerosene, gasoline, toluene.

Stk.	Mfr.	Size	Price
374020	80000	16 oz. aerosol	\$16.90
374022	80300	4 oz. brush in cap	\$11.20
374024	80400	8 oz. brush in cap	\$14.00



Layout Fluid Remover & Cleaner

Dykem For all surface preparation and removal of Dykem Layout Fluids. Provides better surface adhesion. Prepares metal surfaces. Dries quickly. Does not contain toluene or chlorinated solvents.

Stk.	Mfr.	Size	Price
374025	82038	16 oz.	\$14.80



Tap Magic Cutting Fluid w/EP-X3

Tap Magic A noncorrosive, biodegradable, water-based fluid for most cuts and metals. EP-X3 additive provides a synergistic boost in performance.

Should not be used on magnesium.

Stk.	Mfr.	Size	Price
682861	50016Q	16 oz.	\$17.00



Tap Magic Cutting Fluid w/EP-Xtra®

Tap Magic Ozone friendly fluid provides outstanding cutting performance, even hard metals such as stainless steel. EP Xtra® additive gives a synergistic boost in performance.

Stk.	Mfr.	Size	Price
682860	10016E	16 oz.	\$16.50

BUFFERS & GRINDERS



Buffers

Baldor For use with soft cloth buffing wheels and buffing compounds.

Includes start/stop switch & cord.

Wheels sold separately. Please specify voltage. Buffers meet OSHA regulations if metal wheel covers, exhaust duct & dust collectors are added to the installation.

6" Buffers

Stk.	Mfr.	Wheel Dia.	Volts	HP	Phase	Speed (rpm)	Price
224206	114	6"	115	1/4	1	1,800	\$367.00
224139	111	6"	115	1/3	1	3,600	\$367.00

8" Buffers

Stk.	Mfr.	Wheel Dia.	Volts	HP	Phase	Speed (rpm)	Price
224675	332B	8"	115/230	3/4	1	1,800	\$700.00
224742	333B	8"	115/230	3/4	1	3,600	\$700.00



7" Buffer/Grinder

Baldor General purpose grinding. Exhaust-type guards & nonlighted eyeshields. Grinding wheel: 7" x 1" x 5/8", 36 grit. Wire wheel: 7" x 1" x 5/8", .012 gauge. **Includes** switch, 3-conductor cord & plug.

Buffers meet OSHA regulations if metal wheel covers, exhaust duct & dust collectors are added to the installation.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
225814	762E	115	1/2	1	3,600	\$598.00



Adjustable Buffing Mandrel

Shop Fox Mandrels easily adapt to 5/8", 3/4" and 1" arbor holes on buffing wheels.

Stk.	Mfr.	Price
785647	D2802	\$6.24



Buffer Wheel Hoods

KEI Fits Baldor Buffers to entrap dust, provide safety & meet OSHA requirements.

- Easy to install
- USA made
- Access panel for easy wheel changing

- Hose outlet provides for dust collection
- Mounts directly to the buffer on the bell end near the shaft

Please specify Baldor Buffer model.

6" Dia. For Baldor Buffers #'s 111 & 114. Overall size 7" dia. x 4"W x 3" outlet.

Stk.	Mfr.	Item	Price
493780	2401L	Left	\$310.00
493781	2401R	Right	\$310.00

8" Dia. For Baldor Buffers #'s 330-B, 332-B, 333-B & 334-B. Overall size 9" dia. x 7"W x 4" outlet.

493782	2406L	Left	\$390.00
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8" Dia. For Baldor Buffers #'s 330-B, 332-B, 333-B & 334-B. Overall size 9" dia. x 7"W x 4" outlet.

493783	2406R	Right	\$390.00
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Buffing Compounds

Dico Packed compound tubes printed w/number, type, use & instructions.

Please visit our website for more information about compounds.

Stk.	Mfr.	Type	Size	Qty.	Price
335402	529-E5J	Emery	2" x 5"	17.6 oz.	\$12.50
335469	529-TC6J	Tripoli	2" x 5"	12 oz.	\$12.50
335201	529-SCRJ	Stainless	2" x 5"	15.2 oz.	\$12.50
335268	529-CR1J	Chrome Rouge	2" x 5"	16 oz.	\$12.50
335345	529-WR1J	White Rouge	2" x 5"	16 oz.	\$12.50
335335	529-JR1J	Jeweler's Rouge	2" x 5"	21.6 oz.	\$18.00
335134	529-PBCJ	Plastic	2" x 5"	13.6 oz.	\$12.50

5-Piece Kit Includes instruction manual & 3.5 oz. size tube each of Emery, Tripoli, Stainless, Chrome Rouge, Jeweler's Rouge.

Stk.	Mfr.	Type	Size	Qty.	Price
335067	533-DBC				\$27.70



Buffing Wheels

Dico Made of 100% cotton for consistent performance. Hand-tufted ply for greater durability & uniform wear, with tight-looped stitching for longer life. The unique arbor-adapting flanges allow greater versatility.

Cushion Sewn A medium density, professional-type buffing wheel for all general purpose buffing. **Includes** two 1/2" flanges.

Stk.	Mfr.	Dia.	Thick	Rows Sewn	Price
335737	526-36-6	6"	1/2"	2	\$12.50
336030	526-41-6	6"	3/4"	2	\$15.00
335810	526-36-8	8"	1/2"	3	\$18.80
336040	526-41-8	8"	3/4"	3	\$23.10

Canton Flannel Extra-soft flannel wheel for brilliant finishes and all final coloring operations. Safest wheel to use with rouge on precious metals. Made of 100% cotton for consistent performance. **Includes** two 1/2" flanges.

Stk.	Mfr.	Dia.	Thick	Rows Sewn	Price
336072	526-60-6	6"	1/2"	2	\$12.50
336210	526-60-8	8"	1/2"	2	\$16.30

Spiral Sewn Coarse cutting action. Sewn in a continuous spiral from the center to the face. Dependable, well-balanced, long wearing wheels for general shop use. **Includes** toothed flanges for 1/2" spindle.

Stk.	Mfr.	Dia.	Thick	Rows Sewn	Price
335820	526-40-6	6"	1/2"	1/4" spacing	\$15.60
335821	526-40-8	8"	1/2"	1/4" spacing	\$18.70

Dico Flanges

Dico For buffing wheels. 2 flanges required for ea. wheel (sold singly).

Stk.	Mfr.	Size	Qty.	Price
335050	535-58	5/8"	1	\$1.17
335052	535-34	3/4"	1	\$1.17

GRINDERS



2-Wheel Belt Grinders

JET Abrasive belt grinder for grinding castings clean or any metal surface that needs deburring.

- Pivots up & down for easy & safe work height adjustments
- Locking hinged top cover opens for access to grind large pieces using the entire length of the belt

- Advanced belt tracking w/vented front wheel fixed in place for rigidity when grinding on the wheel radius
- Sturdy enclosed base
- 3" round connector & hose clamp for ease of mounting to a metalworking dust collection system
- Spark Arrester prevents sparks
- 2-yr. mfr.'s warranty

Belt Size: 3"W x 79"L. Tool size 44"H x 25"W x 43"L. Tool weight 200 lbs. (BG-379-11), 210 lbs. (BG-379-3).

Includes 3 belts.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
486019	BG-379-1	220	4	1	6,600	\$1,504.00
486020	BG-379-3	220	4	3	6,600	\$1,504.00



6" Deluxe Industrial Grinders

Baldor Deluxe unit with permanent split capacitor motor that won't burn out even with repeated overloads (612E has split phase motor). Extra-wide clearance between wheels

for grinding large, odd-shaped items. Toolrests adjust vertically and horizontally. Exhaust-type guards for 2" dia. vent pipe. UL listed.

Wheels: 6" dia. x 3/4"W (36/60 grit). Shaft: 1/2".

Includes 2 grinding wheels, eyeshields, exhaust-type guards, 8' 3-conductor cord & plug.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Includes pressed steel tool rests.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
225345	612E	115	1/3	1	3,600	\$490.00

Includes cast iron tool rests.

225412	623E	115	1/3	1	3,600	\$503.00
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6" Grinder

JET Hard-working grinder with pre-lubricated enclosed ball bearings, plus cast iron wheel guards and dust vents. UL listed. Large quick-adjust eyeshields.

- 1-piece quick-adjust spark guards
- Rubber mounts secure grinder

Wheels: 6" dia. x 3/4"W (36/60 grit). Shaft: 1/2".

Includes eyeshields, wheel guards & dust vents, spark guards, fine & coarse vitrified wheels & adjustable toolrests.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
485801	JBG-6A	115	1/2	1	3,450	\$199.00



6" Industrial Grinder

Baldor Rugged split-phase motor with slim design for grinding odd-shaped pieces. 2-piece toolrest with vert. / horz. adjustments can be tilted for angle grinding. UL listed.

Wheels: 6" x 3/4" (36/60 grit). Shaft: 1/2".

Includes 2 grinding wheels, eyeshields, non-exhaust type guards, 8' 3-conductor cord, plug & pressed steel toolrests.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
225278	612	115	1/3	1	3,600	\$362.00



6" VS Bench Grinder

General Intl. 2.5 Amp, VS induction motor for smooth grinding or sharpening. Double-sealed ball-bearings and heavy-duty wheel guards (w/dust chute).

- 2 flexible worklights illuminate work

- 4 rubber base mounts reduce vibration

- Water tray to cool sharpened items
- Adjustable aluminum toolrests

Wheels: 6" dia. x 3/4"W (36/100 grit). Shaft: 1/2".

Includes eyeshields, wheel dresser, guards, dust chute, 2 grinding wheels, adjustable toolrests, 2 worklights & manual.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
420650	15-660M1	110	1/3	1	2,000/3,450	\$259.00



6" Bench Grinder

DEWALT 4 Amp induction motor for heavy-duty grinding operations. Industrial cast iron base and motor housing insure prolong life.

- Aluminum adjustable toolrests allow accurate work positioning

- Rear exhaust ports in wheel guards

- 12-1/2" distance between wheels for longer & larger grinding jobs

Wheels: 6" dia. x 5/8"W, accepts 3/4" & 1/2" (36/60 grit). Shaft: 1/2".

Includes eyeshields, spark deflectors, toolrests, 2 grinding wheels (medium & coarse) & adj. wrench.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
243064	DW756	120	5/8	1	3,450	\$140.00



6" VS Grinder

DELTA Toolless quick change wheels and variable speed control offering you convenience and versatility.

- 2-piece tool rests are independently adjustable to compensate for wheel wear & to achieve different angles

- Water tray to help keep workpiece cool while grinding

- Worklight with a separate on/off switch & flexible goose neck

- Cast iron base for durability & reduces vibration during operation

- Adjustable, full-size safety shields

- 5-yr. mfr.'s warranty

Wheel size 6" x 3/4". Shaft 1/2".

Includes 36 & 60 grit grinding wheels, 4 rubber feet, 2 safety shields, worklight (40-Watt bulb not included), 6' cord, 2 tool rests & diamond wheel dresser.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	Phase	Speed (rpm)	Price
712478	23-196	120	1	2,000-3,400	\$128.00



6" Bench Grinder w/Light

SKIL

- Built-in LED worklights over wheels
- Medium & coarse wheels for various materials
- Adjustable tool rests for accurate grinding
- Eye shields for increased safety

- Cast iron base w/pre-drilled holes for quick & easy bench mounting

- Rubber feet for increased stability

Wheels: 6" dia. Shaft: 1/2".

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	Phase	Speed (rpm)	Price
260296	3380-01	120	1	3,450	\$84.60

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Call us at 800-831-5904.**



7" Industrial Bench Model Grinders

Baldor 1-phase units feature permanent split capacitor motors that won't burn out even if repeatedly overloaded. Lighted eyeshields are wired through switch. Room to grind large, odd-shaped pieces. Water pot and tool tray are mounted on swivel-type arm for convenience.

Supplied with exhaust-type wheel guards. UL listed.

Wheels: 7" dia. x 1"W (36/60 grit). Shaft: 5/8".

Includes 2 grinding wheels, cast iron toolrests, 3-conductor cord & plug, start & stop switch (115V models), lighted eyeshields, guards.

Please specify voltage.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
226618	7306D	115/230	1/2	1	1,800	\$911.00
226819	7307D	115/230	1/2	1	3,600	\$911.00
227087	7309D	208-230/460	1/2	3	3,600	\$911.00

227087|Cord & plug are not included.



8" Industrial Grinders

Baldor 1-phase units are ideal for heavy-duty tool grinding and production work. The permanent split capacitor motor won't burn out even if repeatedly overloaded. Features extra-heavy 3/4" shaft, oversize 206 ball bearings

and exhaust-type guards that accommodate 3" vent pipe. Trimly tapered motor provides extra clearance between wheels and motor frame for easy grinding. UL listed.

Wheels: 8" dia. x 1"W (36/60 grit). Shaft: 3/4".

Includes 2 grinding wheels, 3-conductor cord & plug, start/stop switch (115V models), eyeshields & guards.

Please specify voltage.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
227221	8100W	115/230	3/4	1	1,800	\$1,009.00
227355	8107W	115/230	3/4	1	3,600	\$1,009.00
227288	8102W	208-230/460	3/4	3	1,800	\$978.00
227422	8123W	208-230/460	3/4	3	3,600	\$978.00

227288 & 227422|Cord & plug are not included.



8" VS Grinder



- Upfront VS dial adjusts speeds for a fine level of control
- 5 Amp induction-type motor
- 2-piece tool rests independently adjust to compensate for wheel wear & to achieve different angles

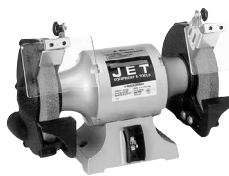
- Water tray cools workpiece while grinding
- Worklight w/on/off switch & flexible goose neck provides illumination
- Cast iron base reduces vibration during operation

Wheels: 8" dia. x 1"W. Shaft: 5/8".

Includes 36 & 60 grit wheels, 2 safety shields, worklight, 6' cord & 2 adjustable tool rests.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	Phase	Speed (rpm)	Price
712479	23-197	120	1	2,000- 3,400 rpm	\$184.00



8" Grinder

JET Pre-lubricated, enclosed ball bearings, cast iron wheel guards and dust vents. UL listed.

- 1-piece, quick-adjusting spark guards
- Large eyeshields w/quick adjustment

- Heavy-duty guarded toggle switch

Wheels: 8" dia. x 1"W (36/60 grit). Shaft: 5/8".

Includes eyeshields, wheel guards & dust vents, spark guards, fine & coarse vitrified wheels & adjustable toolrests.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
485802	JBG-8A	115	1	1	3,450	\$245.00



8" Bench Grinder

JET With this slow speed grinder, sharpening woodworking tools has never been easier. Innovative tool rests take the guesswork out of sharpening with an integrated angle indicator and reference lines for alignment.

- Heavy-duty, machined flanges keep grinding wheel true & reduce run out
- Durable cast iron wheel covers
- Built in spark arrestors
- Easily adjustable, oversized shields
- 5-yr. mfr.'s warranty

Wheels: 8" dia. x 1"W. Shaft: 5/8".

Includes 2 wheels (80 & 100 grit), tool rests, eyeshields & guards.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
486040	JWBG-8	115	1/2	1	1,725	\$388.00



8" Heavy-duty Bench Grinder

General Intl. Permanently-lubricated, sealed ball bearings, cast iron wheel guards and dust vents.

- 1-piece, quick-adjusting spark guards

- Rubber foot mounts prevent sliding
- Easy-adjust cast toolrests
- Safety key switch
- Large, quick-adjust eyeshields

Wheels: 8" dia. x 1"W (36/60 grit). Shaft: 5/8".

Includes eyeshields, wheel guards, dust vents, spark guards, fine & coarse vitrified wheels, adjustable toolrests & manual.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
420660	15-870M1	110	1	1	3,450	\$299.00



10" Heavy-duty Bench Grinder

General Intl. Heavy-duty, 1-1/2 HP grinder with permanently lubricated sealed bearings, plus cast iron wheel guards and dust vents.

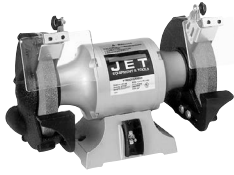
- 1-piece, quick-adjusting spark guards

- Large quick-adjust eye shields
- Safety key switch
- Easy-adjust cast tool rests

Wheels: 10" dia. x 1"W (24/46 grit). Shaft: 1".

Includes toolrests, spark guards, eyeshields, fine & coarse vitrified grinding wheels, rubber foot mounts & manual.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
420670	15-910M1	110	1-1/2	1	1,725	\$635.00



10" Grinder

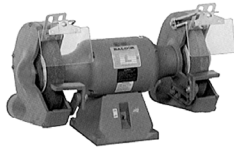
JET Hard-working grinder has pre-lubricated enclosed ball bearings, plus cast iron wheel guards and dust vents.

- 1-piece, quick-adjusting spark guards
- Large eyeshields w/quick adjustment
- Heavy-duty guarded toggle switch
- Rubber mounts prevent movement
- UL listed

Wheels: 10" dia. x 1"W (24/46 grit). Shaft: 1".

Includes eyeshields, wheel guards & dust vents, spark guards, fine & coarse vitrified wheels & adjustable toolrests.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
485803	JBG-10A	115	1-1/2	1	1,725	\$539.00



10" Grinders

Baldor Rugged, 1-phase units feature a permanent split capacitor motor that won't burn out even if repeatedly overloaded. Motor frame diameter allows plenty of room for grinding large, odd-shaped objects. Extra-large 206 ball bearings and 7/8" arbor. Cast iron exhaust type guards accommodate 4" vent pipe. UL listed.

Wheels: 10" dia. x 1"W (36/60 grit). Shaft: 7/8".

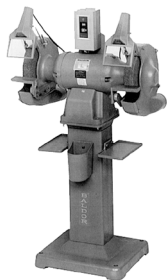
Wheels: 10" dia. x 1"W (36/60 grit). Shaft: 7/8".

Includes 2 grinding wheels, 2-pole switch, eyeshields & guards.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
225948	1022W	115/230	1	1	1,800	\$1,251.00
225881	1021W	208-230/460	1-1/2	3	1,800	\$1,233.00

225881 | Cord & plug are not included.



12" Grinders

Baldor Unit has manual starter with overload protection, conveniently mounted on grinder. Speed of 1,800 rpm provides desired cutting speed of 5,400 sfpm for tool grinding and most production. Motor dia. allows room for grinding long, odd-shaped pieces. Heavy shaft has oversize 208 ball bearings. Allows for 5" vent pipe. UL listed.

Wheels: 12" dia. x 2"W. Shaft: 1-1/4".

Includes manual starter w/overload protection, lighted eyeshields & guards.

Wheels, pedestal, water pot & tool trays sold separately. Cord & plug not included. Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
226149	1217W	115/230	2	1	1,800	\$2,907.00
226015	1215W	208-230/460	2	3	1,800	\$2,730.00
226082	1216W	208-230/460	3	3	1,800	\$2,827.00

12" dia. x 2"W, 30 Grit Grinding Wheel Medium vitrified bond.

224340	BI25					\$214.00
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12" dia. x 2"W, 46 Grit Grinding Wheel Medium vitrified bond.

224407	BI26					\$216.00
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12" Heavy-duty Grinder w/Stand

General Intl.

- Permanently lubricated sealed bearings
- Cast-iron wheel guards & dust vents
- One-piece, quick adjusting spark guards
- Large quick adjust eye shields
- Easy-adjust cast tool rests
- Safety key switch
- Rubber foot mounts prevent sliding
- Large paddle-style stop switch

Wheels: 12" dia. x 2"W. Arbor: 1-1/4".

Tool Size: 20"L x 17"W x 37-1/2"H. Weight: 354 lbs.

Includes eye shields, wheel guards, dust vents, tool rests, fine & coarse vitrified wheels, wheel dresser & stand.

Includes eyeshields & guards to comply w/OSHA standards under normal use.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
420671	15-920MI	220	1-1/2	1	1,750	\$1,465.00

Plexiglas Eyeshields

Baldor



223402 223268

Plexiglas Eyeshields W/Mounting Arms

Stk.	Mfr.	Fits	Size	Qty.	Price
223402	GA11	14" Grinders	6" x 4"	2	\$92.50
223335	GA10	6" Baldor Grinders	5" x 4"	2	\$86.50

Lighted Plexiglas Eyeshields

223268	GA9	Baldor grinders except carbide grinders.	6" x 4"	2	\$214.00
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223536 223603 223670

Grinder Pedestals

Baldor

Steel

Stk.	Mfr.	Fits	Price
223536	GA14	For 6", 7", 8" & 10" grinders, 1/2 through 1-1/2 HP buffers & carbide grinders.	\$422.00

Cast Iron

223603	GA16	For 6", 7", 8" & 10" grinders, 1/4 through 1-1/2 HP buffers, belt grinders & carbide grinders.	\$532.00
223670	GA20	For 12" & 14" grinders & 3/4 HP through 10 HP buffers.	\$875.00



Tool Tray

Baldor For GA20 pedestal. 12" x 6".

Stk.	Mfr.	Price
223067	GA4	\$137.00



Water Pots
Baldor

Fits any grinder w/guard cover Includes mounting bracket & swivel arm.

Stk.	Mfr.	Size	Price
223804	GA24	1-1/2 pints	\$68.50

Fits GA20 Pedestal

223000	GA3	3 pints	\$119.00
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Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90



Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top. Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00



Pedestal Stand
J E T

Includes coolant tank & tool tray.

Stk.	Mfr.	Size	Weight	Price
485804	JPS-2A	11"L x 10"W x 31"H	46 lbs.	\$160.00



Hooded Wheel Dressers
Desmond

Wheel Dressers

Stk.	Mfr.	Item	Price
323067	11210	#0 up to 10" Dia.	\$21.40
323201	11310	#1 10" to 16" Dia.	\$28.00

Cutter Sets

323000	11220	#0	\$3.51
323134	11320	#1	\$4.86

Arbor Hole Metal Adapters

Weiler If a different arbor hole size is required (to reduce the standard 2" size). Order adapter separately from the brush.

Stk.	Mfr.	Arbor	Qty.	Price
969216	03809	1/2"	2	\$2.71
969217	03810	5/8"	2	\$2.63
969218	03811	3/4"	2	\$2.71
969219	03813	1-1/4"	2	\$2.71

Abrasive Wheels



6" Max Speed 4,140 rpm.

Stk.	Mfr.	Wheel Width	Arbor	Arbor Bushing	Grit	Price
610864	88235	3/4"	1"	1/2", 5/8", 3/4", 7/8"	Fine	\$15.30
610931	88240	3/4"	1"	1/2", 5/8", 3/4", 7/8"	Medium	\$15.30
610998	88245	3/4"	1"	1/2", 5/8", 3/4", 7/8"	Coarse	\$15.30
611065	88250	1"	1"	1/2", 5/8", 3/4", 7/8"	Fine	\$16.90
611132	88255	1"	1"	1/2", 5/8", 3/4", 7/8"	Medium	\$16.90
611199	88260	1"	1"	1/2", 5/8", 3/4", 7/8"	Coarse	\$16.90

7" Max Speed 3,600 rpm.

611266	88265	1"	1"	1/2", 5/8", 3/4", 7/8"	Fine	\$20.80
611333	88270	1"	1"	1/2", 5/8", 3/4", 7/8"	Medium	\$20.80
611400	88275	1"	1"	1/2", 5/8", 3/4", 7/8"	Coarse	\$20.80

8" Max Speed 3,600 rpm.

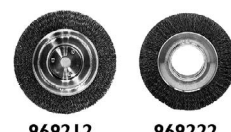
611467	88285	1"	1"	5/8", 3/4", 7/8"	Medium	\$25.50
611534	88286	1"	1"	5/8", 3/4", 7/8"	Coarse	\$25.50

10" Max Speed 2,458 rpm.

611601	88290	1"	1-1/4"	3/4", 7/8", 1"	Medium	\$39.30
611668	88295	1"	1-1/4"	3/4", 7/8", 1"	Coarse	\$39.30

12" Max Speed 2,070 rpm.

611737	63056	2"	1-1/2"	1-1/4"	Medium	\$159.00
611804	63055	2"	1-1/2"	1-1/4"	Coarse	\$156.00



Coarse Wire Wheels

Weiler .014 wire dia. size. Solid ring construction ensures that brush will run more smoothly and last longer, even in the toughest service. Heat-treated high-carbon steel wire.

Stk.	Mfr.	Wheel Dia.	Wheel Width	Arbor	Wire Trim Length	Max. Speed (rpm)	Price
969206	01075	6"	3/4"	1/2-5/8"	1-7/16"	6,000	\$22.80
969212	02325	6"	5/8"	1/2-5/8"	1-7/16"	6,000	\$26.40
969222	06080	6"	1"	2"	1-1/8"	6,000	\$44.30
969324	02335	7"	3/4"	5/8"	1-9/16"	6,000	\$33.40
969210	01175	8"	3/4"	5/8"	2-1/16"	6,000	\$31.80
969211	01178	8"	3/4"	3/4"	2-1/16"	6,000	\$32.80
969224	06120	8"	1"	2"	1-3/8"	4,500	\$66.20
969215	03150	8"	1-1/2"	2"	1-3/8"	4,000	\$99.20
969225	06160	10"	1-1/8"	2"	2"	3,600	\$108.00
969226	06190	12"	1-1/4"	2"	3"	3,600	\$137.00

969226, 969225, 969215, 969224 | For more options, see Arbor Hole Metal Adapters, sold separately.

Fine Wire Wheels

Weiler Solid ring construction ensures that brush will run more smoothly and last longer, even in the toughest service. Heat-treated high-carbon steel wire. Wire dia. is .008" (except 06090 which is .006").

Stk.	Mfr.	Wheel Dia.	Wheel Width	Arbor	Wire Trim Length	Max. Speed (rpm)	Price
969204	01045	6"	1/2"	1/2"-5/8"	1-7/16"	6,000	\$31.30
969221	06050	6"	1"	2"	1-1/8"	6,000	\$58.90
969208	01145	8"	1/2"	5/8"	2-1/16"	6,000	\$42.10
969209	01148	8"	1/2"	3/4"	2-1/16"	6,000	\$42.10
969223	06090	8"	1"	2"	1-3/8"	4,000	\$130.00

969221, 969223 | For more options, see Arbor Hole Metal Adapters, sold separately.

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WET & DRY SHARPENERS

Knife/Tool Sharpener



Work Sharp Ken Onion-designed abrasive belt sharpening system. The 3/4" x 12" premium, flexible engineered abrasive belts sharpen virtually any shape or type of knife blade and uses a precision sharpening guide to ensure a consistent angle every time. The sharpening guide is fully adjustable in 1° increments from 15° to 30°. The VS control (1,200 SFM to 2,800 SFM) provides the optimal belt speed for the task at hand. Also sharpens scissors and many other bladed shop tools and garden tools. Mfr.'s 1-yr. warranty.

Tool size: 5.5"L x 10"W x 6"H.

Includes 5-piece abrasive belt kit (P120 Extra Coarse, X65 Coarse, X22 Medium, X4 Fine, 6000 Extra Fine), adjustable knife sharpening guide (15°-30°), user's guide & instructional DVD.

Stk.	Mfr.	Volts	Price
683042	WSKTS-KO	110	\$156.00

5-Piece Abrasive Belt Kit

Stk.	Mfr.	Volts	Price
683043	WSSAKO81113		\$16.50



Knife & Tool Sharpener

Work Sharp Flexible abrasive belts produce razor-edged sharpening on virtually any shape of blade. Quickly and easily sharpen knives (straight- & curved-bladed, fillet knives, serrated knives, gut hooks, etc.) and common tools (scissors, axes & hatchets, mower blades, garden shears, shovels & more). Precision-angle guides ensure the proper angle every time. 40° guide for thinner blades and knives (20° per bevel), and 50° guide for outdoor knives (25° per bevel). 1-yr. mfr.'s warranty.

Includes 2 angle guides (40° & 50°), serrated knife guide, scissor sharpening guide, abrasive belt kit (2 ea. of coarse, medium & fine grit), instructional DVD, manual.

Please visit our website for more information.

Stk.	Mfr.	Price
683040	WSKTS	\$84.00

Replacement Belt Kit **Includes** 6 belts (2 ea. of coarse, medium & fine grit). 1/2" x 12".

Stk.	Mfr.	Price
683041	WSS0002012	\$12.00



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Cindy Jungers ext. 3107
cjungers@midwesttechnology.com



Wood Tool Sharpener WS 3000

Work Sharp Heavy-duty use, powerful 1/5 HP, 580 rpm motor sharpens chisel and plane blades up to 2"W to 20°, 25°, 30° or 35° bevel angle without set-up time. Precise, repeatable 5° micro-bevels for faster re-honing.

- Tempered glass grinding wheel accepts 150mm or 6" PSA abrasive, is maintenance free & remains flat & true grinding surface
- 2 glass grinding wheels allow for 4 grits (1 grit per wheel surface)
- Provides slotted abrasives in super fine, extra fine & medium grits to coarse grind or hone all using the Edge-Vision method
- Chisel sharpening port also uses a ceramic oxide lapping abrasive
- T-slot mounting system to attach top tool rest & more
- Skew camp adjustment controls bevel-edge squareness

Size 10"L x 6"W x 8.5"H. Weight 9.7 lbs.

Includes two 2-sided tempered glass wheels, Edge-Vision PC/ABS slotted see-through wheel, top tool rest, abrasive cleaner, 4 solid discs (1 ea. solid of fine, extra fine, super fine) & 3 slotted discs (medium, extra fine, super fine).

Stk.	Mfr.	Price
683021	WS3000	\$210.00

Abrasive Kit **Includes** 6 slotted discs (1 ea. of Micro-Mesh™ 6000, medium & 2 ea. of extra fine, super fine).

Stk.	Mfr.	Price
683026	WSSA0002002	\$17.30

Tool Bar Attachment Provides a fast, consistent & repeatable way to sharpen lathe & carving tools. **Includes** set-up fixture, bracket assembly, tool bar, P80 abrasive disc & manual.

Stk.	Mfr.	Price
683028	WSSA0002601	\$55.00



8" T-4 Sharpener

Tormek High quality machine ideal for home and hobby work can sharpen all common edge tools. The T-4 takes precision and stability to a completely new level. Motor and stainless steel main shaft are mounted in zinc cast top which includes integrated sleeves for the Universal

Support. This advanced design ensures an unbeatable precision for the Universal Support, which is the foundation of the Tormek jig system.

- Industrial single phase, maintenance free motor
- Zinc cast top w/impact resistant ABS plastic housing
- Machine plate in metal offers AngleMaster storage
- Silent running, 52 dB, 10,000 hr. life motor
- Mfr.'s 7-yr. warranty
- Handle for easy movement
- Scale for stone diameter

Grinding stone 8" x 1-5/8". Honing wheel 5-3/4" x 1". Overall size 9-1/16"W x 7-7/8"D x 10-1/4"H. Weight 17.6 lbs.

Includes aluminum oxide grindstone, leather honing wheel, stone grader, AngleMaster, honing compound, instructional DVD & handbook.

Jigs, safety eyeshields & guards, sold separately.

Please visit our website for more information.

Stk.	Mfr.	Volts	Speed (rpm)	Duty Motor	Price
193656	T-4	115	120	30 min./hr.	\$458.00



10" T-7 Water-cooled Industrial Sharpener

Tormek 230V motor designed for the toughest work can run continuously without overheating. Handles the high grinding pressure required for sharpening HSS turning tools and other hard materials.

Machine is housed in 1/8" welded steel. 7-yr. mfr.'s warranty. Advanced water trough has a built-in

magnet to collect swarf (i.e. metal grinding grit) and attachable chute to catch every drip. Included Square Edge Jig provides exacting chisel alignment (90°) each time. Quick-change coupling for honing wheel. Features truing and dressing tool for keeping the stone in perfect condition for precisely sharpened edges.

Grinding stone 10" x 2". Honing wheel 8-5/8" x 1-7/8".

Overall size 10-5/8"W x 10"D x 12-3/4"H. Weight 32 lbs.

Includes grinding stone (220 grit), leather honing wheel, micro adjust w/ scale, Square Edge Jig, AngleMaster, honing compound, advanced water trough, instructional DVD & handbook, truing & dressing tool w/screw feed, fine/coarse stone grader, handle & wall-mount accessory tray.

Please visit our website for more information.

Safety eyeshields & guards, sold separately.

Stk.	Mfr.	Volts	Speed (rpm)	Duty Motor	Price
193651	T-7	230	90	Continuous	\$762.00

SAWS

Power Hacksaw Blades

Starrett Redstripe® molybdenum high-speed blades deliver fast, straight cuts on a wide variety of metals.

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
876201	RS-1210-5	1"	12"	.050"	10	\$13.00
876335	RS-1214-5	1"	12"	.050"	14	\$13.00
876670	RS-1410-5	1"	14"	.050"	10	\$15.40
876737	RS-1410-6	1-1/4"	14"	.062"	10	\$19.90
876804	RS-1414-5	1"	14"	.050"	14	\$15.40
876871	RS-1714-5	1"	17"	.050"	14	\$15.00



5" x 6" Horz./Vert. Band Saw

JET 3-speed motor with ball bearing supported blade wheel and adjustable ball bearing guides. Heat-treated steel worm gear and bronze drive gear.

- 45° angle vise
- Shelf built into stand

Blade speed 80, 120, 200 fpm.

Blade size 1/2" x .025" x 64-1/2". Wheel 7-3/8" dia.

Capacity: 5" dia. @ 90°, 3" dia. @ 45°, rectangular 5" x 6" @ 90°, 5" x 3" @ 45°. Table size 9-5/8" x 9-1/2". Unit size 16-1/4" x 42-1/2". Tool weight 115 lbs.

Includes blade, blade guards, vertical worktable, rear wheels attached to stand, automatic shut-off & adjustable material stop.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485748	HVBS-56M	115/230	1/2	1	Dry Cut	\$614.00



5" x 7" Horz./Vert. Band Saw

Wellsaw Cuts angles, slots, notches, bevels and performs contour work. It features a gear-and-pinion drive.

- Easy band tension adjustment
- Adjustable ball bearing blade guides
- Easy vise adjustment
- Built-in 4" x 6" vertical worktable

- 3-speed power & belt drive

- Automatic shut-off after each cut w/thermal overload protection

Blade speed 54, 100, 190 fpm. Blade size 5'4" x 1/2".

Capacity: 5" dia., 3" @ 45°, rectangular 5" x 7", 3-1/2" x 3-1/4" @ 45°.

Table size 6-1/2" x 24". Unit size 19" x 40". Tool weight 190 lbs.

Includes rigid welded steel frame & bed, sturdy, lightweight tubular steel legs, wheel & handle mobility kit, stock stop assembly.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
168000	57	115	1/2	1	Dry Cut	\$2,453.00



7" x 11" Horz./Vert. Band Saws

Wellsaw Both cut in horizontal or vertical position, in wet or dry cut options.

- 3-speed V-belt drive
- Switch offers under-voltage & overload protection
- Adjustable gravity feed
- Auto shut-off at completion of cut
- Ball bearing blade guides

Blade speed 76, 141, 268 fpm. Blade size 7" 9" x 1/2". Throat 6-1/4"D x 9-1/2"H.

Capacity: 5-1/2" x 5-1/2" @ 45°, rectangular 7" x 11", round 7". Table 8" x 10" x 26"H. Unit size 26" x 54". Weight 350 lbs. dry/385 lbs. wet.

Includes wheel & handle mobility kit, stock stop assembly.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
168067	58-BD	115	1/2	1	Dry Cut	\$3,467.00
168069	58-BW	115	1/2	1	Wet Cut	\$3,640.00



7" x 12" Horz./Vert. Wet Cut Band Saw

JET Ideal for machine, maintenance and fabricating shop. Also great for limited run machine production work. Blade drive is steel, heat-treated worm, driving a bronze worm gear in oil bath.

- Oil-bath hardened & ground worm gear
- Adjustable hydraulic feed system

- Adjustable ball bearing blade guides
- Blade guides electric shaft, ball bearing (side) & ball bearings (rear)
- Cast iron saw head & table
- Flanged cast iron blade wheels
- Automatic shut-off at end of cut
- 2-yr. mfr.'s warranty

Blade speed 86, 132, 178, 260 fpm. Blade size 3/4" x .035" x 93".

Wheel 11-7/16" dia. Swivel vise 45°. Throat 6"D x 7"H.

Capacity: 7" @ 90°, 6" @ 45°, rectangular 7" x 10" @ 90°, 7" x 6" @ 45°.

Table 9-1/2" x 10" x 23-1/2"H. Unit size 50" x 18" x 41". Weight 360 lbs.

Includes 3/4" carbon steel blade, rapid-acting vise, wheel kit, adj. material stop, coolant pump (1 gal.), hose, flexible nozzle, shut-off valve, tank & baffle.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
961507	J-3410	115	3/4	1	Wet Cut	\$1,680.00

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7" x 12" Horz./Vert. Band Saw

J E T Sturdy saw boasts heavy cast iron bow and bed. Roller cabinet features built-in chip tray.

- Automatic shut-off after cut
- Hardened & ground worm gear
- Adjustable roller blade guides
- UL listed

Blade speed 85, 130, 180, 285 fpm. Blade size 3/4" x 0.032" x 93". Wheel 11-3/4" dia. Vise swivel 45°. Throat 7"D. Capacity: 7" @ 90°, 4-1/2" @ 45°, rectangular 2" x 12", 7" x 8-1/2" @ 90°, 3/4" x 0.032" x 93" @ 45°. Table size 9-3/8" x 10" x 23"H. Unit size 20-1/2" x 49-1/2". Weight 318 lbs.

Includes complete coolant system, vertical worktable, chip brush, adjustable material stop & bi-metal 5/8 TPI saw blade.

Please specify voltage. Pre-wired 115V.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485807	HVBS-7MW	115/230	3/4	1	Wet Cut	\$1,484.00



8" x 14" Horz. Band Saw

J E T Heavy-duty geared head transmission for quick speed changes. Hydraulic downfeed for ease of cut.

- Heavy cast iron bow & bed
- Hardened & ground worm gear
- Roller cabinet w/built-in chip tray
- Automatic shut-off after cut

Blade speed 135, 197, 256 fpm. Blade size 3/4" x .035" x 97". Wheel 12" dia. Vise swivel 45°. Throat 8"D. Capacity: 8" @ 90°, 6-1/2" @ 45°, rectangular 8" x 14" @ 90°, 6-1/2" x 4-1/2" @ 45°. Table size 26"H. Unit size 51-1/2" x 18-1/8". Weight 287 lbs.

Includes coolant system, adjustable material stop, bi-metal variable pitch blade, quick-action vice & chip brush.

Please specify voltage. Pre-wired 115V.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485759	HBS-814GH	115/230	3/4	1	Wet Cut	\$3,004.00



9" x 16" Horz./Vert. Band Saw

J E T Large handwheel and built-in gauge for easy blade tensioning. Blade guides feature parallel double row ball bearing support with coolant distributed throughout.

- Built-in & self-propelled blade brush
- TEFC motor
- Removable fast-cleanup chip tray

- Blade is fully guarded regardless of blade guide position
- Quick-positioning vise w/fully adjustable jaws swivel to 45°
- Fully adjustable hydraulic downfeed w/separate on/off valve

Blade speed 82, 132, 170, 235 fpm. Blade size 1" x 0.032" x 119-1/2". Wheel 13" dia. Vise swivel 45°. Throat 9"D. Capacity: 9" @ 90° & 45°, rectangular 2" x 16", 9" x 14" @ 90°, 9" x 7-3/4" @ 45°. Table size 25"H. Unit size 65" x 28". Weight 625 lbs.

Includes automatic shut-off after cut, complete coolant system, carbide blade guides w/rollers, bi-metal 4/6 TPI blade & adjustable material stop.

Please specify voltage. Pre-wired 115V.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485808	HBS-916W	115/230	1-1/2	1	Wet Cut	\$3,993.00



12" Vertical Metal Cutting Band Saw

Baileigh Band saw has 4 operating speeds and heavy duty motor operating on 220V power. Blade welder is included for accessing middle cuts on projects.

- Fully welded frame & industrial grade components
- Oversized table pivots front to back & left to right

Blade speed 80-319 fpm. Blade size 100.39"L x 1/4"-1/2"W. Throat 11-3/8"D x 7-3/4"H. Welder 1.5 KVA. Table size 19-3/4" x 19-3/4".

Table tilt 10° F&B, 15° L&R. Unit size 36"L x 27"W x 61"H. Weight 441 lbs.

Includes blade welder.

May also be used as a wet cut saw.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
222550	BSV-12	220	1/2	1	Dry Cut	\$3,692.00



14" Vertical Band Saw

J E T Designed for shop or production use, including cutting ferrous materials, this band saw has variable speeds to provide proper adjustment for high efficiency cutting.

- Heavy-duty enclosed steel frame
- Multi-tilting worktable
- Built-in blade shear, welder & grinder
- Easy-to-read blade tension indicator

Blade speed 82-330 fpm. Blade size 114"L, 1/8" x 1/2"W. Throat 14"D x 8"H. Welder 1.5 KVA. Table size 20" x 20". Table tilt 8° F&B, 12°L & 15°R. Unit size 34" x 24". Weight 580 lbs.

Includes blade, blade welder, grinder & cutter, worktable, work lamp, chip blower, set of tools, blade & tire cleaning brush.

Please specify voltage. Pre-wired 115V.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485805	VBS-1408	115/230	1	1	Dry Cut	\$4,646.00



16" Vertical Band Saw

J E T Two speed gearbox added to variable speed allows quick setting and proper adjustment for high-efficiency cutting. It will cut both ferrous and nonferrous metals. Features increased accuracy with included rip fence (use on either side of the blade).

- Heavy-duty enclosed steel frame
- Multi-tilting worktable
- Built-in blade shear, welder & grinder

- Easy-to-read blade tension indicator

Blade speed: low 82-330 fpm, high 985-3,950 fpm. Blade size 123-1/2"L, 1/8" x 5/8"W. Throat 15-1/2"D x 10"H. Welder 1.5 KVA. Table size 22" x 24". Table tilt 8° F&B, 12° L & 15° R. Unit size 37" x 28". Weight 900 lbs.

Includes blade, blade welder, grinder & cutter, worktable, work lamp, chip blower, set of tools, blade & tire cleaning brush, plus workpiece guide.

Please specify voltage. Pre-wired 230V.

Stk.	Mfr.	Volts	HP	Phase	Type	Price
485806	VBS-1610	230/460	2	3	Dry Cut	\$6,529.00

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Metal-cutting Band Saw Blades

Morse 10, 14, 18 tooth are raker set w/hard edge & flex back.

Priced per individual blade.

Wells 49A & 300

Stk.	Width	Length	Thickness	TPI	Price
537603	1/2"	5' (60")	.025"	10	\$13.70
537670	1/2"	5' (60")	.025"	14	\$13.70
537737	1/2"	5' (60")	.025"	18	\$13.70

Wells 57

Stk.	Width	Length	Thickness	TPI	Price
537804	1/2"	5' 4" (64")	.025"	10	\$14.10
537871	1/2"	5' 4" (64")	.025"	14	\$14.10
537938	1/2"	5' 4" (64")	.025"	18	\$14.10

Delta 4" x 6"

Stk.	Width	Length	Thickness	TPI	Price
537940	1/2"	5' 4-1/2" (64-1/2")	.025"	10	\$14.10
537941	1/2"	5' 4-1/2" (64-1/2")	.025"	14	\$14.10
537942	1/2"	5' 4-1/2" (64-1/2")	.025"	18	\$14.10

Kalamazoo 610 & 7AD

Stk.	Width	Length	Thickness	TPI	Price
538742	1/2"	7' 5" (89")	.025"	10	\$15.90
538809	1/2"	7' 5" (89")	.025"	14	\$15.90
538876	1/2"	7' 5" (89")	.025"	18	\$15.90

Wells 58B

Stk.	Width	Length	Thickness	TPI	Price
539077	1/2"	7' 9" (93")	.025"	10	\$16.30
539144	1/2"	7' 9" (93")	.025"	14	\$16.30
539211	1/2"	7' 9" (93")	.025"	18	\$16.30

Jet HVBS-7MW

Stk.	Width	Length	Thickness	TPI	Price
539220	3/4"	7' 9" (93")	.032"	10	\$17.70
539221	3/4"	7' 9" (93")	.032"	14	\$17.70
539222	3/4"	7' 9" (93")	.032"	18	\$17.70

Delta 14"

Stk.	Width	Length	Thickness	TPI	Price
539283	1/4"	7' 9-1/2" (93-1/2")	.025"	10	\$15.00
539284	1/4"	7' 9-1/2" (93-1/2")	.025"	14	\$15.00
539479	1/2"	7' 9-1/2" (93-1/2")	.025"	10	\$16.30
539546	1/2"	7' 9-1/2" (93-1/2")	.025"	14	\$16.30
539613	1/2"	7' 9-1/2" (93-1/2")	.025"	18	\$16.30

W.F.Wells A7

Stk.	Width	Length	Thickness	TPI	Price
539747	1/2"	7' 10" (94")	.025"	10	\$16.30
539814	1/2"	7' 10" (94")	.025"	14	\$16.30
539881	1/2"	7' 10" (94")	.025"	18	\$16.30

Powermatic 14"

Stk.	Width	Length	Thickness	TPI	Price
539952	1/4"	7' 11" (95")	.025"	14	\$15.00
540018	3/8"	7' 11" (95")	.025"	14	\$15.70
540149	1/2"	7' 11" (95")	.025"	10	\$16.30
540216	1/2"	7' 11" (95")	.025"	14	\$16.30
540283	1/2"	7' 11" (95")	.025"	18	\$16.30
540355	3/4"	7' 11" (95")	.032"	14	\$17.70

Jet HBS-814GH

Stk.	Width	Length	Thickness	TPI	Price
540380	3/4"	8' 1" (97")	.032"	10	\$18.30
540381	3/4"	8' 1" (97")	.032"	14	\$18.30
540382	3/4"	8' 1" (97")	.032"	18	\$18.30

Jet VBS-1408

Stk.	Width	Length	Thickness	TPI	Price
541000	1/4"	9' 6" (114")	.025"	14	\$16.10
541002	3/8"	9' 6" (114")	.025"	14	\$16.90
541004	1/2"	9' 6" (114")	.025"	10	\$16.80
541006	1/2"	9' 6" (114")	.025"	14	\$16.80
541008	1/2"	9' 6" (114")	.025"	18	\$16.80

Delta 8" & 14"

Stk.	Width	Length	Thickness	TPI	Price
541009	3/4"	9' 8-7/8" (116-7/8")	.032"	10	\$19.90

Jet HBS-916W

Stk.	Width	Length	Thickness	TPI	Price
541010	1"	9' 11-1/2" (119-1/2")	.025"	14	\$22.80

Jet VBS-1610

Stk.	Width	Length	Thickness	TPI	Price
541030	1/2"	10' 3-1/2" (123-1/2")	.025"	10	\$17.70
541032	1/2"	10' 3-1/2" (123-1/2")	.025"	14	\$17.70
541034	1/2"	10' 3-1/2" (123-1/2")	.025"	18	\$17.70

Jet HBS-1018W

Stk.	Width	Length	Thickness	TPI	Price
541225	1"	10' 10-1/2"	.025"	14	\$24.20

Kalamazoo 9AD

Stk.	Width	Length	Thickness	TPI	Price
541087	3/4"	10' 10-1/2" (130-1/2")	.032"	10	\$21.10
541154	3/4"	10' 10-1/2" (130-1/2")	.032"	14	\$21.10
541221	3/4"	10' 10-1/2" (130-1/2")	.032"	18	\$21.10

W.F.Wells L9

Stk.	Width	Length	Thickness	TPI	Price
541288	3/4"	11' 6" (138")	.032"	10	\$21.60
541355	3/4"	11' 6" (138")	.032"	14	\$21.60
541422	3/4"	11' 6" (138")	.032"	18	\$21.60

Delta 20"

Stk.	Width	Length	Thickness	TPI	Price
541891	1/2"	11' 9" (141")	.025"	10	\$18.90
541958	1/2"	11' 9" (141")	.025"	14	\$18.90
542025	1/2"	11' 9" (141")	.025"	18	\$18.90
542432	1/4"	12' 6" (150")	.025"	10	\$17.30
542433	1/4"	12' 6" (150")	.025"	14	\$17.30
542434	1/4"	12' 6" (150")	.025"	18	\$17.30
542496	3/8"	12' 6" (150")	.025"	10	\$18.30
542497	3/8"	12' 6" (150")	.025"	14	\$18.30
542628	1/2"	12' 6" (150")	.025"	10	\$19.30
542695	1/2"	12' 6" (150")	.025"	14	\$19.30
542762	1/2"	12' 6" (150")	.025"	18	\$19.30

Powermatic 20"

Stk.	Width	Length	Thickness	TPI	Price
543097	1/2"	12' 7" (151")	.025"	10	\$19.80
543164	1/2"	12' 7" (151")	.025"	14	\$19.80
543231	1/2"	12' 7" (151")	.025"	18	\$19.80

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Metal-cutting Blades



Delta 4" x 6"

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
705691	20-331	1/2"	5' 4-1/2" (64-1/2")	.025"	10	\$16.30
705692	20-332	1/2"	5' 4-1/2" (64-1/2")	.025"	14	\$15.50

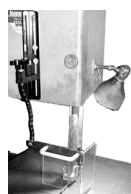
Delta 8" x 14"

Stk.	Mfr.	Width	Length	Thickness	TPI	Price
705812	20-722	3/4"	9' 8-15/16" (116-15/16")	.032"	6	\$27.00

Bi-Metal Matrix II Band Saw Blades

MORSE High-speed matrix cutting edge is electron-beam welded to a low-alloy, shock-resistant back. Resists higher cutting temperatures than M-2 and carbon steel blades. Blades combine good heat and wear-resistance with excellent toughness and shock-resistance. The blades of choice for production-type cutting involving free-machining materials and interrupted cuts. Variable pitch teeth.

Stk.	Width	Length	Thickness	TPI	Price
537604	1/2"	5' (60")	.025"	10/14	\$32.90
537805	1/2"	5' 4" (64")	.025"	10/14	\$35.10
538743	1/2"	7' 5" (89")	.025"	10/14	\$44.20
539078	1/2"	7' 9" (93")	.025"	10/14	\$46.40
539480	1/2"	7' 9-1/2" (93-1/2")	.025"	10/14	\$46.40
539748	1/2"	7' 10" (94")	.025"	10/14	\$46.40
540150	1/2"	7' 11" (95")	.025"	10/14	\$46.40
539001	1/2"	7' 11-1/2" (95-1/2")	.025"	10/14	\$46.40
541280	1/2"	11' 6" (138")	.025"	10/14	\$62.20



Visorguard™ Blade Guard

Flexbar Provides complete protection between cutting blade & operator's hands & eyes. Easy-position handle. Adjustable tension 9"L flexbar arm permits correct setting of guard for each set-up. Drill & tap 2 holes to install. L-shaped Lexan shield is 6"H x 6"W x 4"D & fits most band saws with 18" maximum throat height. Includes vertical angle mounting bracket w/11" of height adjustment, mounting screws w/self-locking nuts.

Stk.	Mfr.	Price
408710	13464	\$210.00



Saw Blade Lubricant Stick

Olson Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
613750	AC70010	8"L x 1" dia.	\$7.89

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9" Cold Miter Cut-off Saw

JET Small saw easily moves to various workstations to complete cutting operations throughout the shop or on the job site. Durable cast iron construction. Quickly cuts small solids, tubing and structural shapes, with a smooth, mill-like finish.



- Full-blade guard for safety

- Main power switch w/removable safety key
- Sturdy oil bath gear box design
- Magnetic starter w/overload protection
- Double self-centering vise w/dual jaws for burr-free cuts
- Cuttinghead swivels up to 45° for miter cuts
- Control handle w/built-in spring-loaded trigger switch
- Adjustable work stop for repetitive cutting lengths

Belt 9" dia. Speed 52 rpm. Vise opening 2-1/16".

Cutting capacity: @ 90° 2-1/2" md., 2-1/4" sq. @ 45° 2" md., 1-1/2" sq.

Tool size 30"L x 17"W x 32"H. Tool weight 145 lbs.

Includes flood coolant system w/removable tray, double self-centering vise, adjustable work stop & blade guard.

Cut-off wheel sold separately.

Stk.	Mfr.	Volts	HP	Phase	Price
981691	J-F225	115	1	1	\$1,237.00

9" Cut-off Wheel

Stk.	Mfr.	Volts	HP	Phase	Price
981701	579000				\$224.00

10" Miter Saws

Kalamazoo Saw angles from 0° to 45° either way.

- Positive index stops up & down
- 2 cam-lock vises

Blade 10" dia., 5/8" arbor. Speed 3,450 rpm. Cutting capacity: @ 90° 2" md., 3-1/4" sq. @ 45° 1-1/2" md., 2-1/2" sq.

Tool size 25"L x 24"W x 17"H. Tool weight 220 lbs.

Includes 2 vises & lever lock for table. Cut-off wheel sold separately.

Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Price
491612	KM10-1	110/220	3	1	\$1,727.00
491613	KM10-3	220/440	3	3	\$1,727.00

14" Miter Saws

Kalamazoo Miters 0° to 45° either direction and has the varied cutting capacities.

- Positive index holes, up & down stops
- 2 cam-lock vises
- Manual switch w/overloads

Blade 14" dia., 1" arbor. Speed 4,400 rpm.

Cutting capacity: @ 90° 3" md., 4" sq.

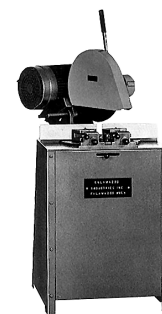
@ 45° 2-1/2" md., 3" sq.

Tool size 26"L x 24"W x 50"H. Tool weight 400 lbs.

Includes heavy-duty stand, 2 vises & front table lock.

Cut-off wheel sold separately. Please specify voltage.

Stk.	Mfr.	Volts	HP	Phase	Price
491615	KM14-1	110/220	5	1	\$4,078.00
491614	KM14-3	220/440	5	3	\$3,707.00





10-3/4" Industrial Cold Saw

Scotchman Manual, low-turn saw for cutting solid mild steel, solid stainless steel and thick wall pipe. 2 cutting speeds (30/60 rpm). Manual, double self-centering vise assures burr-free cuts.

- Hardened, ground worm & wheel gear box
- Quality bronze worm wheel
- Chip drawer
- Miter locking device for quick, accurate settings
- Positive miter stops at 45° R&L
- Operator-controlled trigger switch

- Capable of slotting
- 3-yr. mfr.'s warranty
- USA made

Blade 10-3/4" dia., 1-1/4" arbor. Speed 30 & 60 rpm.

Cutting capacity: @ 90° 1-1/2" md., 1-1/2" sq. @ 45° 1" md., 1" sq.

Tool size 21-7/8"L x 43-1/2"W x 53-1/4"H (w/out feed handle).

Weight 600 lbs.

Includes HSS blade, steel stand, 7 gal. coolant tank w/pump, blade wrench, chip drawer & concentrated coolant (gal).

Stk.	Mfr.	Volts	HP	Phase	Price
772010	CPO275-LT	230	2	3	\$5,779.00



11" & 12" Ferrous Cold Miter Saws

JET Cast, dual pivot saw head offers 2 cutting speeds. Integral flood-style coolant system with 1.5 gal. tank capacity. Cam-handle clamping system for quick release.

- Heavy-duty, cast iron frame base
- Hardened, ground worm & wheel gear box
- 30" material length stop
- Capable of slotting
- 2-yr. mfr.'s warranty

Blade: CS-275 11" dia. 1.25" arbor. 54, 108 rpm.
CS-315 12" dia. 1.25" arbor. 52, 104 rpm.

Cut capacity: CS-275 @ 45° 2.5" md., 2.2" sq. @ 90° 1.5" md., 2.5" sq.

CS-315 @ 45° 2" md., 2.6" sq. @ 90° 2" md., 3.2" sq.

Tool size: CS-275 27"L x 25"W x 61"H. Weight 350 lbs.

CS-315 40"L x 40"W x 70"H. Weight 390 lbs.

Includes flood coolant system w/removable tray, double self-centering vise, adjustable work stop & blade guard.

Cut-off wheel sold separately.

Stk.	Mfr.	Volts	HP	Phase	Price
486124	CS-275	220	1.5	3	\$2,260.00
486125	CS-315	220	2	3	\$2,700.00



10" Cut-off Saws

Kalamazoo 3 HP motor with big job capacity will handle solid stock and round pipe.

- Arbor w/sealed bearings
- Work length stop
- Swivel cam vise opens 4" (w/fast lever lock)

Blade 10" dia., 5/8" arbor. Speed 3,450 rpm.

Cutting capacity: @ 90° 1-1/2" md., 2-1/2" sq.

Tool size 23"L x 10"W x 14"H. Tool weight 110 lbs.

Includes switch & swivel vise.

Please specify voltage. Cut-off wheel sold separately.

Stk.	Mfr.	Volts	HP	Phase	Price
491201	K10B-1	110/220	3	1	\$1,207.00
491268	K10B-3	220/440	3	3	\$1,207.00



14" Metal-cutting Cut-off Saw

DEWALT Motor provides overload protection, increasing performance and durability. Tool-free Quik-Fence™ pivots 45° for fast, accurate angle cuts. Steel base allows for welding jigs or stops directly to the base.

- Tool-free Quik-Change™ Blade System

- Compression spring provides smooth movement & durability
- Quick & easy wheel change spindle lock
- Quick-lock vise clamps onto various size materials
- X-wide solid steel base w/pre-drilled bolt holes
- Heavy-duty, lock-down pin secures head for transport
- Soft start extends gear & motor life
- Adjustable spark guard
- Ergo D-handle reduces fatigue
- Easily accessible brushes

Blade 14" dia., 1" arbor. Speed 4,000 rpm.

Cutting capacity @ 90° 5" md., 4-1/2" sq. Tool size 21"L. Weight 39 lbs.

Includes 14" abrasive wheel, vise, tool-free flange system & fence.

Stk.	Mfr.	Volts	Amps	HP	Price
242863	D28715	120	15	5.5	\$300.00



14" Cut-off Saw w/Easy-grip Handle

Thakita Experience precise, repeatable cutting depth, sustained by adjustable depth stop. Guide plate adjusts 45° right & left, has 3 locations to accommodate cutting various sizes of materials.

- On-board socket wrench storage
- Shaft lock for easy wheel changes

- Lock-off button prevents accidental start
- Spark diversion guard adds safety
- Quick-release vise for secure stock retention, fast repeated cut-offs

Blade 14" dia., 1" arbor. Speed 3,800 rpm.

Cutting capacity: @ 90° & 45° 4-1/2" md., 4-11/16" sq.

Tool size 19-3/4". Tool weight 36.6 lbs.

Includes 2 switch buttons, abrasive wheel & socket wrench.

Stk.	Mfr.	Volts	Amps	Price
511427	2414NB	115	15	\$266.00



14" Abrasive Chop Saw

Milwaukee Durable light weight design for portability and durability. Oversized wheel guards provide added debris protection.

- Powerful motor for maximum cutting performance
- Versatility for a wide range of cutting applications

- All ball bearing construction for durability
- Quick adjust vise clamp
- Large spindle lock button for easy blade changes
- 45° miter capacity & adjustable fence allows quick & accurate cuts without flipping heavy material

Blade 14" dia., 1" arbor. Speed 3,900 rpm.

Cutting capacity: @ 90° 5" md., 5" sq. Tool size 16"L. Tool weight 40 lbs.

Includes vise, abrasive wheel & hex wrench.

Stk.	Mfr.	Volts	Amps	HP	Price
575899	6177-20	120	15	4	\$221.00



14" Cut-off Saw

HITACHI Portable, lightweight, rugged machine with easy-to-use adjustable fence.

- Angle chute off back of saw diverts sparks
- Trigger switch w/lock-off button
- Comfort, elastomer-coated use & carry D-handle absorbs vibration
- Quick-lock/release vise for fast feeding & changing of material sizes

- Spindle lock for quick abrasive wheel changes
- Cuts steel materials & more (pipes, shaped steel, round bars, angle iron, conduit pipe, channels, tubing & drywall track)
- Miters 45° R&L

Blade 14" dia., 1" arbor. Speed 3,800 rpm.
Cutting capacity @ 90° 4-7/8" md., 4-7/8" sq.
Tool size 23-3/4"W x 11-1/4"D x 23-3/4"L. Tool weight 36.4 lbs.

Includes 14" cut-off wheel & 8mm hex bar wrench.

Stk.	Mfr.	Volts	Amps	Price
616530	CCI4SF	120	15	\$181.00



14" Metal Devil® Dry-cut Saw

MORSE Fast burr-free cutting with little sparking. Powerful 15 amp motor cuts cool for immediate handling of material. Great for cutting structural and shaped steel, studs, rebar, steel framing, trusses, joists, threaded rod, conduit and gutters.

- Metal Devil Blade allows saw to move through metal faster w/very little friction

- Chamber collects all chips & minimizes sparks, deadens sound
- Secure beveling vice w/45° & 90° capability
- UL & ANSI listed
- Fully-enclosed blade when not cutting
- 1-yr. mfr.'s warranty
- Sure grip handle steadies saw
- Retractable blade guard
- Plexiglas safety shield
- Solid heavy-duty steel base

Blade 14" dia., 1" arbor. Speed 1,300 rpm.
Cutting capacity: @ 90° 5-1/8" md., 4-3/4" sq. @ 45° 4-1/8" md., 3-1/2" sq.
Tool size 12"L x 18-1/2"D x 17"H. Tool weight 53 lbs.

Includes steel-cutting blade, safety guard, beveling vise, 2 hex wrenches (8 & 6 mm), safety glasses & ear plugs.

Stk.	Mfr.	Volts	Amps	HP	Price
877772	CSM14MB	120	15	2-1/2	\$803.00

Steel-cutting blade Carbide-tipped 14", 66 tpi blade.

Stk.	Mfr.	Volts	Amps	HP	Price
877776	CSM1466NSC				\$256.00



14" Multi-Cutter Saw

DEWALT Cuts 4x faster than chop saws and 8x faster than portable band saws in angle iron (2" x 2" x 1/4"). Versatile saw cuts a variety of materials (ferrous & nonferrous metals). 70-tpi CT blade keeps depth-of-cut constant, is less expensive than abrasive wheels and delivers fast, precise burr-free cuts.

- Quick-retracting guard allows line-of-cut viewing & chip protection
- Efficient vertical clamping system
- Ergonomic D-shaped handle is integrated for carrying
- 45° pivoting fence provides fast, accurate angle cuts
- Heavy-duty lock-down pin secures saw head for carrying
- Compression spring provides smooth movement & durability
- Quick blade change spindle lock & accessible brushes
- Wide steel base allows for welding jigs or stops directly to the base, w/4 bolt-down holes
 - Adjustable guard directs chips away

Blade 14" dia., 1" arbor. Speed 1,300 rpm.
Cutting capacity: @ 90° 5-3/16" md., 6-1/2" sq.
Tool size 21"L. Tool weight 47 lbs.

Includes 14" carbide-tipped blade, vertical clamp & on-board wrench.

Stk.	Mfr.	Volts	Amps	HP	Price
243044	DW872	120	15	4	\$608.00

14" Abrasive Cut-off Wheel

PORTER-CABLE Formulated to cut full range of materials while delivering consistent cutting speed & long life. For 1400, 2424NB, 2414DB, 6176-20.

Stk.	Mfr.	Blade Dia.	Price
942841	89399	14"	\$8.44



Chop Saw Laser Guide

Irwin Retro-fits abrasive chop saws into laser-guided power tools. Projects a laser guide line for faster, more accurate cuts. Easy to install. Automatic on/off w/saw blade rotation. Battery life 5,000 cuts, diode life 2 million cuts.

Includes batteries, adapter & case.

Will not fit Bosch, Ridgid or ProTech Chop Saws.

Stk.	Mfr.	Fits	Price
619504	3061002	8-1/4", 8-1/2", 10", 12" saws	\$24.20

Evolution 7" & 9" Metal-cutting Circular Saw Blades

MORSE

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
877777	CSM740NSC	7"	7/8"	40	\$95.90
877778	CSM948NSC	9"	1"	48	\$119.00

Cut-off Wheels

NORTON

Abrasive Cut-off Blades

Stk.	Mfr.	Item	Blade Dia.	Arbor	Thickness	Price
612210	89390	For metal	10"	5/8"	3/32"	\$10.40
612211	89392	For metal	12"	1"	1/8"	\$14.40

Aluminum Oxide For metal.

612003	89010		8"	5/8" Diamond	1/8"	\$5.11
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*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

DRILL PRESSES

16" Gear Driven Metal Drill Press



Baileigh Gear head drill press with wide diameter column, heavy gear transmission, solid cast iron base and adjustable table. Large column reduces flexing. Gear head adjusts up or down. Transmission offers multiple speeds that are perfect for drilling and tapping an array of different materials.

Capacities: drilling 1", tapping M16. Column 4" dia. Spindle speed 130 - 2,348 rpm. Spindle travel 5.3" Spindle taper MT-3. Table work surface 19.75"L x 13.75"W. Tool size 15.5"L x 19.5"W (at base). Tool weight 750 lbs. (shipping).

Includes halogen light & protective guarding.

Stk.	Mfr.	Volts	HP	Phase	Price
222580	DP-1000G	110	3/4	1	\$2,892.00

18" Drill Press



DELTA VS push-button drill press motor provides power for demanding drilling operations. Full 6" quill stroke capacity for drilling variety.

- Auto-tensioning belt drive allows fast, easy speed changes while maximizing transmission efficiency w/consistent belt tension & motor alignment
- Large table bevels R&L, tilts forward & features clamping T-slots, plus removable center insert for through drilling
- Micro-adjustable depth stops & independent depth scale allow quick zeroing of the scale & set up for repetitive drilling

- Adjustable twin laser projects red crosshair on workpiece to indicate location of bit contact
- Flexible LED light
- Large base for stability

Chuck size 5/8". Taper MT-2. Column 3.14" dia. Spindle travel 6". 16-speed 170-3,000. Table 20" x 14", w/90° tilt R&L, 0-48° forward. Tool size 20"L x 28"W x 70"H. Tool weight 240 lbs.

Includes light, 5/8" chuck, twin laser, 6 Allen wrenches (2.5, 3, 4, 5, 6 & 8 mm), drift key & manual.

Stk.	Mfr.	Volts	HP	Phase	Price
704900	I8-900L	120	3/4	1	\$1,302.00

20" Drill Press



J E T Hinged-metal belt and pulley cover coupled with quick-adjust motor mount allow rapid spindle speed changes.

- Rotating, 45° tilting, crank-operated worktable w/quick release clamp
- 1/2" dia. external positive depth stop w/3-nut locking feature for quick adjustment
- Adjustable tension spindle return spring

• Ball bearing spindle • Built-in worklight • 2-yr. mfr.'s warranty
Hole dia. in steel & cast iron 1". Chuck size 3/4". Taper MT-3. Column 3-3/8" dia. Spindle travel 4-5/8". 12 spindle speeds 150-4,200. Table work surface 18-5/8" x 16-1/8", tilt 45° R&L. Tool size 13-5/8" x 22-3/8" at base, 67"H. Weight 293 lbs.

Includes chuck & key, crank-operated cast iron rotating tilting table, depth stop, worklight (60W bulb not included) & manual.

Please specify voltage. 115V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
486005	JDP-20MF	115/230	1-1/2	1	\$1,215.00

20" Electronic VS Drill Press



J E T The latest AC inverter variable speed technology. Variable spindle speeds with high torque at all speeds both forward and reverse.

- Continuous speed adjustment while in operation
- Front mounted LED spindle rpm readout
- Forward & reverse for tapping
- Emergency stop
- Front mounted positive control depth stop

- Large precision ground T-slot production table
- Massive head provides rigidity & accuracy

Hole dia. in steel 1-3/8", in cast iron 1-1/2". Chuck size 1/2". Taper MT-3. Column 4-1/2" dia. Spindle travel 6". Spindle speeds 65-2,000 rpm. Table work surface 18-1/8" x 14-3/4". Production table 22" x 18-3/4". Tool size 27" x 37" at base, 82-1/4"H. Tool weight 792 lbs.

Includes slotted base & production table, heavy-duty spindle & quill assembly & locking safety collars.

Requires drill chuck & arbor, sold separately.

Stk.	Mfr.	Volts	HP	Phase	Price
981702	J-2232AC	220	2	3	\$5,022.00

Chuck Arbor

486050	DCA-33				\$27.90
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5/8" Drill Chuck

486051	TDC-625				\$59.60
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22" Drill Press



General Intl. Industrial 12-speed motor features spindle speeds of 120 to 2,270 rpm. Spindle is supported by high-quality ball bearings, and cast iron pulleys reduce vibration.

- Rotating, 45° tilting, crank-operated worktable w/quick-release clamp
- Large, front-mounted safety switch w/lock-out
- Adjustable spindle tension-return spring
- Built-in lamp illuminates the drilling area

- Heavy-duty positive depth stop for quick adjustment

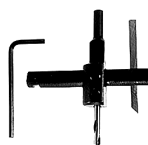
Drilling capacity 1-1/4" dia. Chuck size 3/4". Taper MT-4. Column 3-5/8" dia. Spindle travel 4-1/2". 12 spindle speeds 120-2,270 rpm. Table work surface 18-1/2" x 16-1/8", tilt 45° R&L. Tool size 19-1/2" x 22-1/2" at base, 68-3/4"H. Tool weight 372 lbs.

Includes chuck & key, worklight (bulb not included), depth stop & manual.

Please specify voltage. 110V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Price
420800	75-500M1	110/220	1	1	\$1,465.00

Circle Cutters



General Replaceable high speed steel blades. Maximum safe speed 500 rpm.

Stk.	Mfr.	Shank	Circles	Price
417000	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	\$16.30
417067	5B	3/8" Rd.	1" to 6"	\$22.60
417469	55	1/2" Rd.	1-3/4" to 8"	\$33.60

STANDS & TABLES



Pedestal Roller Table

HTC Products Galvanized steel ball-bearing rollers easily move stock. Durable, adjustable wedge-shaped support legs. Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476476	HRT-10	5	15"	18"	\$239.00



Roller Extension Tables

HTC Products Portable conveyors are built to last w/durable adjustable wedge-shaped support legs that can handle large loads. Heavy-duty, all steel welded construction plus steel ball bearing rollers make moving stock through your saw or planer easier. Non-marring nylon leveling glides are included to adjust for uneven

floors. Unit folds neatly & legs latch for storage.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476484	HRT-70	17	15"	66"	\$404.00
476489	HRT-90	17	24"	66"	\$495.00



Stock Stand

HTC Products Galvanized ball bearing roller. Height 28" - 45-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
476462	HSS-18	1	16"	1-3/8"	\$168.00



Stock Roller Stand

Shop Fox Heavy-gauge, all-steel welded unit w/quick-fold leg for easy set-up. Stable T-bar base. Ball-bearing roller. Non-marring foot pads. Stores flat.

Height 24.5" - 42". Capacity 150 lbs.

Stk.	Mfr.	Rollers	Width	Price
785637	D2054	1	13"	\$32.30



Pedestal Roller Stand

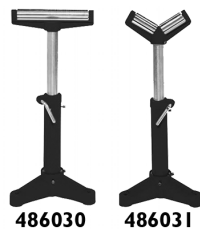
Port A Mate Pedestal roller provides stable support & assists in the movement of larger workpiece materials.

- Assembles in 5 minutes
- Folds flat
- Durable powder coat finish

- Non-slip rubber feet
- Wide stance for extra stability
- High strength ABS adjustment handle
- Premium polished steel ball bearing roller

Height 27" - 43-3/4".

Stk.	Mfr.	Rollers	Width	Capacity	Price
476510	PM5080	1	11.25"	132 lbs.	\$31.50
476511	PM5083	1	11.25"	200 lbs.	\$40.30



Material Support Stand

J E T Heavy-duty cast iron & steel construction. Chrome plated ball bearing roller heads. Locking screws provide added safety. Roller heads are interchangeable. 2-yr. mfr.'s warranty. Height 23.5" - 38.5". Capacity 2,000 lbs.

Stk.	Mfr.	Rollers	Width	Price
486030	414121	1	14"	\$153.00
486031	414122	V-roller		\$162.00



Universal Tool Table

Shop Fox 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
785618	D2056	\$62.90



Tool Table & Universal Stand

Shop Fox This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4" T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
785720	D3640	\$103.00



Tool Stand

Shop Fox 24"H sturdy tool stand w/non-slip rubber feet. 27-1/2" x 31-1/2" (at base), 17-3/4" x 22" (at top). 1,000 lb. capacity.

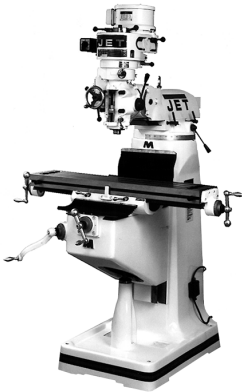
Stk.	Mfr.	Price
785635	D2275	\$76.80

“ Would you like to schedule a call or meeting? ”

Kevin Luft ext. 3105
kluft@midwesttechnology.com



MILLING MACHINES



Vertical Milling Machines

J E T Frame of sturdy, hardened Meehanite® steel casting with precision-bored and honed milling head for power and accuracy.

- Large dia. quill is chromed
- High-precision spindle bearings
- Spindle head is internally cooled
- Heavy-duty splined motor drive
- Adjustable gibbs throughout
- Fine handwheel downfeed, lever downfeed
- Ram equipped w/double locks
- Precision-hardened & scraped ways

- 3-stage power downfeed w/automatic stop
- Dish in base w/internal coolant sump
- 1-piece quill pinion & shaft
- Double knee & table locks
- Saddle features 1 lock
- Precision-ground table

Spindle taper R-8. Speed 80 to 3,500 rpm. Quill 16, dia. 3.375". Travel 5". Travel to table 17-1/2", to column 19" & 6-3/4".

Downfeeds per revolution of spindle 0.0015", 0.003", 0.006". Head movement 90° R&L, 45° F&B.

Collet capacity 1/8" to 7/8". Table size 9" x 42". T-slots 3, size 5/8", centers 2-1/2".

Longitudinal table travel 30". Cross travel 12". Travel of knee 16", overarm 12-1/4". Max. weight of workpiece 550 lbs. Tool size 57"W x 64"D x 81"H. Tool weight 2,200 lbs.

Includes chromed dovetail style ways, 1-shot lubrication system, way covers, draw bar & tool box w/tools.

Please specify voltage. 230V will be shipped if not specified.

Stk.	Mfr.	Volts	HP	Phase	Speed	Price
485702	JTM-1	230V	2	3	2	\$8,915.00
485703	JTM-2	115/230V	2	1	1	\$8,915.00

R-8 Collet Set

J E T Precision-hardened & ground. Sizes 1/8" to 3/4" by 8ths.

Stk.	Mfr.	Item	Price
485901	CS-R8	6-Piece Set	\$136.00

Chuck & Collet Set

J E T Quickly change from 1 shank size to another w/out loosening the draw bar.

- 15 precision spring collets take the place of 15 individual adapters
- Can be used for milling, drilling, reaming & boring applications
- Collets are in increments of 1/16" T.I.R. at 2-3/8" is .0008"

Includes spanner wrenches & wooden case.

Stk.	Mfr.	Item	Price
485902	CCS-1	17-Piece Set	\$672.00

Clamping Kit

J E T Stud size is 1/2" - 13 tpi. T-slot sizes are 9/16" & 5/8".

Includes 6 T-slot nuts, 6 flange nuts, 4 coupling nuts, 6 step blocks, 6 step clamps, 24 studs (4 ea. in 3", 4", 5", 6", 7" & 8" lengths) & wall-mountable metal tray.

Stk.	Mfr.	Item	Price
485903	CK-12	52-Piece Kit	\$138.00



Double Angle Mills

Production Tool Supply

Stk.	Mfr.	Cutter Dia.	Face Width	Hole Size	Angle	Teeth	Price
682720	DS52-5-718-005	2-3/4"	1/2"	1"	45°	18	\$161.00
682722	DS52-5-718-010	2-3/4"	1/2"	1"	60°	18	\$159.00
682724	DS52-5-718-015	2-3/4"	1/2"	1"	90°	18	\$159.00



Side Mills

Production Tool Supply

Stk.	Mfr.	Cutter Dia.	Face Width	Hole Size	Price
682835	DP50-30081	3"	1/4"	1"	\$80.80
682837	DP50-30121	3"	3/8"	1"	\$89.40
682839	DP50-30161	3"	1/2"	1"	\$96.70
682842	DP50-40161	4"	1/2"	1"	\$151.00



Center Drills & Countersinks

Production Tool Supply Combined drills and countersinks are made of high speed steel.

60° countersink angle fits all standard centers.

Stk.	Mfr.	Drill Dia.	Body Dia.	Length	Price
682765	AV50-1	3/64"	1/8"	1-1/4"	\$3.08
682766	AV50-2	5/64"	3/16"	1-7/8"	\$3.15
682767	AV50-3	7/64"	1/4"	2"	\$3.15
682768	AV50-4	1/8"	5/16"	2-1/8"	\$3.15
682769	AV50-5	3/16"	7/16"	3-3/4"	\$6.65
682770	AV50-6	7/32"	1/2"	3"	\$8.84



Regular End 2 Flute Double End Mills

Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
682771	CR50-C4	1/8"	3/8"	3/8"	\$11.60
682773	CR50-C6	3/16"	7/16"	3/8"	\$11.60
682775	CR50-C8	1/4"	1/2"	3/8"	\$11.60
682777	CR50-C10	5/16"	9/16"	3/8"	\$12.00
682779	CR50-C12	3/8"	9/16"	3/8"	\$12.00
682781	CR50-C14	7/16"	13/16"	1/2"	\$18.90
682783	CR50-C16	1/2"	13/16"	1/2"	\$18.90
682785	CR50-C20	5/8"	1-1/8"	5/8"	\$25.20
682787	CR50-C24	3/4"	1-5/16"	3/4"	\$32.70
682788	CR50-C32	1"	1-5/8"	1"	\$50.90

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904



Center Cutting 4-Flute Double End Mills

Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
682728	CR65-B4	1/8"	3/8"	3/8"	\$13.80
682730	CR65-B6	3/16"	1/2"	3/8"	\$13.80
682732	CR65-B8	1/4"	5/8"	3/8"	\$13.80
682734	CR65-B10	5/16"	3/4"	3/8"	\$13.80
682735	CR65-B11	11/32"	3/4"	3/8"	\$13.80
682736	CR65-B12	3/8"	3/4"	3/8"	\$13.20
682738	CR65-B14	7/16"	1"	1/2"	\$19.10
682740	CR65-B16	1/2"	1"	1/2"	\$19.10
682741	CR65-B18	9/16"	1-3/8"	5/8"	\$33.60
682742	CR65-B20	5/8"	1-3/8"	5/8"	\$33.60
682744	CR65-B24	3/4"	1-5/8"	3/4"	\$33.20
682745	CR65-B32	1"	1-7/8"	1"	\$50.70



Ball End 2-Flute End Mills

Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
682818	CX50-R4	1/8"	3/8"	3/8"	\$13.80
682819	CX50-R6	3/16"	1/2"	3/8"	\$13.80
682826	CX50-R8	1/4"	5/8"	3/8"	\$13.80
682828	CX50-R12	3/8"	3/4"	3/8"	\$15.20
682830	CX50-R16	1/2"	1"	1/2"	\$21.40
682831	CX50-R20	5/8"	1-3/8"	5/8"	\$30.00
682832	CX50-R24	3/4"	1-5/8"	3/4"	\$36.40



Center Cutting End Mills

Production Tool Supply

4 Flute (Regular L)

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
682806	CT55-F4	1/8"	3/8"	3/8"	\$11.30
682807	CT55-F6	3/16"	1/2"	3/8"	\$11.30
682808	CT55-F8	1/4"	5/8"	3/8"	\$11.30
682809	CT55-F10	5/16"	3/4"	3/8"	\$11.30
682810	CT55-F12	3/8"	3/4"	3/8"	\$11.30
682811	CT55-F14	7/16"	1"	3/8"	\$15.70
682812	CT55-F16	1/2"	1-3/8"	1/2"	\$15.60
682813	CT55-F16X	1/2"	1"	3/8"	\$12.60
682814	CT55-F20	5/8"	1-5/8"	5/8"	\$22.50
682815	CT55-F20X	5/8"	1-3/8"	1/2"	\$20.10
682816	CT55-F24W	3/4"	1-5/8"	3/4"	\$26.20
682817	CT55-F32	1"	1-7/8"	7/8"	\$38.00

2 Flute

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
682789	CS50-G4	1/8"	3/8"	3/8"	\$9.95
682790	CS50-G6	3/16"	3/8"	3/8"	\$9.95
682791	CS50-G8	1/4"	1/2"	3/8"	\$9.95
682792	CS50-G10	5/16"	9/16"	3/8"	\$10.10
682793	CS50-G12	3/8"	9/16"	3/8"	\$10.10
682794	CS50-G14	7/16"	13/16"	3/8"	\$13.10
682795	CS50-G16	1/2"	1"	1/2"	\$14.00
682796	CS50-G16X	1/2"	13/16"	3/8"	\$13.10
682797	CS50-G18	9/16"	1-1/8"	1/2"	\$17.30
682798	CS50-G20	5/8"	1-5/16"	5/8"	\$19.50
682799	CS50-G20X	5/8"	1-1/8"	1/2"	\$19.20
682800	CS50-G22	11/16"	1-5/16"	5/8"	\$20.80
682801	CS50-G22X	11/16"	1-5/16"	1/2"	\$20.80
682802	CS50-G24	3/4"	1-5/16"	5/8"	\$22.10
682803	CS50-G24W	3/4"	1-5/16"	3/4"	\$22.10
682804	CS50-G24X	3/4"	1-5/16"	1/2"	\$22.10
682805	CS50-G32	1"	1-1/2"	1"	\$36.70

LATHES



3-in-1 Machine Mill/Drill/Lathe

Baileigh Offers maximum versatility by combining 3 machines into 1 small package. Allows choice of milling, drilling or lathe operations while freeing up floor space.

- Adjustable, VS rpm
- Column-style base w/adjustable depth
- Precision ground & hardened ways
- Power feed & gear driven mill head

- Digital readouts for lathe rpm & depth of cut

Milling Machine / Drill Press Taper of spindle bore MT2. Spindle stroke 2". Spindle speed 50 - 2,250 rpm. Max. distance spindle to table 11", spindle to column 6.5". Motor 3/4 HP.

Metal Lathe Swing over bed 9.75", over cross slide 5.7".

Distance between centers 21.5" - 29.5". Width of bed 5.3".

Taper of spindle bore MT4. Speed 50 - 2,000 rpm.

Range of longitudinal feed .003" - .008" Range of inch threads 8-56 TPI.

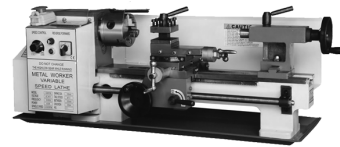
Range of metric threads .2 - 3.5mm. Top slide travel 2".

Cross slide travel 4.5". Tailstock quill travel 2". Taper of tailstock quill MT2.

Motor 1 HP. Headstock chunk size 5". Weight 429 lbs.

Includes steady rest, follow rest, 3 & 4 jaw chucks & MT2 taper.

Stk.	Mfr.	Volts	HP	Phase	Price
222595	MLD-1030	120	3/4 & 1	1	\$3,938.00



7" Bench Top Lathe

Baileigh VS metal lathe is perfect for small projects with the accuracy and precision of a large lathe.

- Precision ground & hardened ways
- 3 & 4 jaw chuck
- Steady & follow rests
- Digital readout for RPMs

Distance between centers 11.8". Swing over bed 7". Spindle taper MT3. Spindle bore .75". Chuck 3.15" dia. Tool slide travel 1.378".

Taper of tailstock quill MT2. Range of metric threads 0.5-2.5 mm.

Range of inch threads 12-52 TPL. Cross slide travel 2.559".

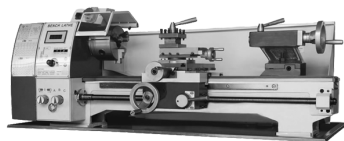
Spindle accuracy .001". Spindle speed 100 - 2,500 rpm.

Weight 93 lbs. (shipping)

Includes stand, foot brake, work light, 3 & 4 jaw chucks, coolant system, steady rest, follow rest, splash guard & digital readout for spindle speed.

Stk.	Mfr.	Volts	HP	Phase	Price
222620	PL-712VS	120	3/4	1	\$1,438.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.



9" Bench Top Lathe

Baileigh VS metal lathe includes a digital read out for accurate cutting speed.

- Steady & follow rests

- Precision ground & hardened ways
- 3 & 4 jaw chuck
- Digital readout for RPM's

Distance between centers 19.6". Swing over bed 9.75". Spindle taper MT4. Spindle bore 1". Chuck 4.925" dia. Tool slide travel 1.89".

Taper of tailstock quill MT2. Range of metric threads 0.4-3.5 mm.

Range of inch threads 8-56 TPL. Cross slide travel 4.528".

Spindle accuracy .001". Spindle speed 125 - 2,000 rpm.

Weight 242 lbs. (shipping)

Includes stand, foot brake, work light, 3 & 4 jaw chucks, coolant system, steady rest, follow rest, splash guard & digital readout for spindle speed.

Stk.	Mfr.	Volts	HP	Phase	Price
222621	PL-1022VS	120	1	1	\$2,544.00



9" Belt Drive Bench Lathe

J E T Spindle is supported by precision tapered roller bearings. Features hardened and ground bedways, reversing switch for versatility and backlash adjustments throughout the carriage.

- Tailstock adjusts for taper cuts
- Enclosed quick-change gearbox w/wide range of inch & metric threads

Swing: over bed 9" over cross slide 5-5/16".

Distance between centers 20".

Headstock: hole through spindle 0.78", spindle nose 1-1/2" x 8 TPI, taper in spindle nose MT-3, spindle bearing tapered roller, spindle speed range (6 speeds) 130-2,000 rpm.

Gearbox: 27 longitudinal feeds, longitudinal feed range 0.005"-0.011" /rev., 27" threads, inch thread range 8 - 56TPI, 11 metric threads, metric thread range 0.05 - 3.0mm, reversible leadscrew 9/16" x 16TPI.

Compound & carriage: 4-way toolpost, max. tool size 1/2" x 1/2", compound slide travel 1-7/8", cross slide travel 5", carriage travel 16". Tailstock: spindle travel 1-9/16", spindle 1-1/16" dia., taper MT-2.

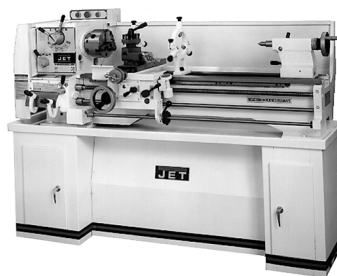
Steady & follow rest capacities 1/4" - 1-7/8".

Bed dimensions 32"L x 4-1/2"W x 6-5/8"H.

Size 37-1/2"L x 19-3/4"W x 15-3/4"H. Tool weight 235 lbs.

Includes 7" 4-jaw chuck, 4" 3-jaw chuck, faceplate, steady rest, follow rest, single tool post, 4-way tool post, metric change gears, centers, threading dial, stand, tool box & tools.

Stk.	Mfr.	Volts	HP	Phase	Price
485700	BD-920W	115	3/4	1	\$2,304.00



13" Bench Lathe

J E T Spindle is precision-ground for accuracy and supported by high quality tapered roller bearings. Headstock is constantly oiled during operation. Gearbox gives large threading and feed capabilities with no gear changes.

- V-way bed design
- Independent leadscrew & feed rod
- Gap bed for large dia. work
- Spindle actuation control is apron-mounted
- Compound & cross slide have backlash elimination
- Adjustable gibs are incorporated in the carriage & slideways
- Tailstock may be offset for turning tapers & includes inch-metric graduated quill

Swing: over bed 13", over cross slide 7-25/32", through gap 18-3/4".

Length of gap 8-1/8". Distance between centers 40".

Headstock: hole through spindle 1-1/2", spindle nose D1-4, taper in spindle nose MT-3, spindle bearing tapered roller, spindle speed range (8 speeds) 70-2,000 rpm.

Gearbox: 40 longitudinal & cross feeds 40, longitudinal feed range 0.0036"-0.1005"/rev., cross feeds range 0.0012"-0.0345"/rev., 40 inch threads, inch thread range 4-112 TPI, 27 metric threads, metric thread range 0.2 - 6mm, leadscrew 7/8" x 8 TPI, feed rod 3/4" dia.

Compound & carriage: 4-way tool post, max. tool size 5/8" x 5/8", compound slide travel 2-11/16", cross slide travel 6-5/16", carriage travel 35". Tailstock: spindle travel 3-3/4", spindle 1-1/4" dia., taper MT-3.

Steady & follow rest capacities 1/4" - 2-5/8". Tool weight 1,015 lbs.

Bed dimensions 54"L x 7-3/8"W x 12"H. Size 70"L x 32"W x 25-1/2"H.

Includes 6" 3-jaw chuck, 8" 4-jaw chuck, 12" faceplate, steady rest, 4-way tool post, metric change gear, threading dial, follow rest, splash guard, centers & sleeves, stand, tool box & tools.

Stk.	Mfr.	Volts	HP	Phase	Price
485701	GHB-1340A	230	2	1	\$6,730.00



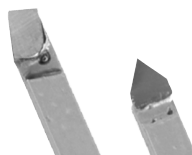
Lathe Tool Kit

Shop Fox

Includes 5" straight & left-turning tool holders (ea. with 1/4" x 2-1/2" M2 HSS bit), 6-3/4" boring bar, holder, (1/4" sq. x 2-1/2" M2 HSS bit) &

1/8" hex wrench, 4-1/2" straight shank cut-off tool holder (with 3/32" x 1/2" HSS cut-off blade), 3 square head center punches (3/32" x 4"), 6" spring divider, knurling tool holder w/fitted knurls, 6" steel rule, 7" heavy-duty machinist's scribe, T-slot cleaner, 2 lathe dogs (1/2" ea. straight & bent).

Stk.	Mfr.	Item	Price
785730	D4090	20-Piece	\$85.50



Carbide Lathe Tool Bit Sets

Steelex Carbide steel bits for cutting steel & alloys.

Includes 20 bits (10 ea. of C-grade #'s 2 & 6).

Stk.	Mfr.	Length	Price
785651	M1073	1/4"	\$31.50
785653	M1074	3/8"	\$39.40
785654	M1075	1/2"	\$71.40

“ Need a competitive bid or help with a large project? ”

Al Ryan ext. 3130
 aryan@midwesttechnology.com



4-Jaw Chuck

Shop Fox Self-centering chuck w/reversible stepped jaws holds a variety of round or square workpiece sizes. Setup is quick & easy by twisting the knurled adjustment plate on back of chuck. Fits all wood lathes w/1" x 8 TPI spindles.

Includes two 4" wrenches.

Stk.	Mfr.	Size	Price
785749	D4054	3" Chuck	\$92.20

9" Belt Drive Bench Lathe Cabinet Stand

J E T 37"W x 28"H x 15"D. 65 lbs.

Stk.	Mfr.	Price
485712	S-920N	\$459.00



Heavy-duty Live Center for 9" Bench Lathe

Steelex Triple bearing MT-2 live center is hardened to 61-65 Rockwell C-Scale. Unique head driving mechanism prevents dust, chips & coolant from entering the internal workings. Made w/high-quality precision bearings. Accuracy of 0.0003". MT-2 taper.

Stk.	Mfr.	Length	Price
785661	M1065	5"	\$51.50



Latheguards™

Flexbar Neither razor-sharp chips nor broken tool bits will penetrate Lexan® shield. Rib reinforced, robust construction, lightweight & swings away easily. Back of shield is reinforced

w/plated wire-form housing. Locks in swing away or functional positions. Accepts 3 or 4-jaw chucks. USA made.

Includes heavy-duty cast mounting bracket & chrome-plated extension tube w/hardware. Affix 2 screws to mount.

Exceeds OSHA requirements.

Stk.	Mfr.	Lathe Size	Shield Size	Use w/ Chuck Dia.	Price
408500	12999	Small	3.9"H x 6.25"W x 7.8"L	Up to 6"	\$189.00
408570	13061	12"-16"	8"H x 8"W x 16"L	Up to 12"	\$237.00
408571	13062	16"-20"	10.25"H x 8"W x 19.70"L	Up to 16"	\$256.00

*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

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We have access to 1,000's of Products not listed here.

Call us for assistance. 800-831-5904

13" Lathe Accessories

J E T For use with Mfr. GHB-1340A.

16-Piece 5-C Collet Set For lathes & tool/cutter grinder applications. Precision-hardened & ground. 1/8" to 1-1/16" x 1/16" increments.

Stk.	Mfr.	Price
485910	CS-5C	\$238.00

5" Heavy-Duty Live Center Triple bearing MT-3 live center is hardened to 61-65 Rockwell C-Scale. Unique head driving mechanism prevents dust, chips & coolant from entering the internal workings. Made w/high-quality precision bearings. Accuracy of 0.0003". MT-3 taper.

Stk.	Mfr.	Price
785662	M1066	\$58.80

Collet Closer Uses 5-C collets. Precision-ground components. Rear-mounted lever action. Some drilling & other modification may be required.

Stk.	Mfr.	Price
485909	CC-GHB1340	\$1,423.00

Single Tool Post Capacity 5/8" x 1-3/8". **Includes** wrench.

Stk.	Mfr.	Price
485911	STP-13BD	\$140.00

Stand Size 30"L x 48"W x 40"H. Weight 116 lbs.

Stk.	Mfr.	Price
485749	CBS-1340	\$601.00

DUST COLLECTORS



Cabinet Dust Collector For Metal

J E T For collecting abrasive dust from belt and disc finishing and grinding machines. Chips and dust collect into a metal drawer that is easy to clean, no cloth bag eliminates fire risk. Two 4" chutes allows attachment to 2 different machines.

• Non-sparking aluminum housing & fan blade

- Easy to change air filter
- Quiet, effective dust collection method
- 4 casters & 2 handles for ease of movement
- Filter efficiency 99% @ 5 microns

Includes 6" cord, 4 casters, two 4" to 3" adapters & filters.

Not to be used with Surface Grinders.

Stk.	Mfr.	Volts	HP	Phase	Speed (sfpm)	Weight	Price
486018	JDC-500A	115	4	1	5,610	157 lbs.	\$1,430.00

Heat Resistance Hoses

J E T

Stk.	Mfr.	Max. Temp.	Size	Price
486026	414720	130°	3" dia x 8'	\$266.00
486024	414710	130°	4" dia x 8'	\$266.00
486025	414715	180°	4" dia x 8'	\$435.00
486027	414725	180°	3" dia x 8'	\$435.00

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TRAINING SYSTEMS



LiveArc Welding Performance Management System

Miller The LiveArc™ Welding Performance Management System is a innovative reality-based training system utilizing a live welding arc, unlike other virtual training solutions.

It's designed to recruit, screen, train, re-qualify and manage the performance of weld operators. It's better, faster and

more cost-effective than traditional methods.

The system also gives welding instructors the ability to configure assignments and technique parameters. It stores weld operators' performance histories. LiveArc is a powerful teaching tool that allows instructors to manage their time, reduces the cost of teaching materials and speeds student progress.

- Provides instant, valuable feedback on welding technique to quickly build skills
- 400 amp MIG SmartGun can be used for non-arc weld simulations as well as live-arc weld training
- Built-in OLED display provides initial visual feedback to guide proper gun positioning
- Instructor interface assignments can be quickly configured & customized
- Individual weld operator's performance can be stored, retrieved & re-viewed at any time
- Industrial-quality construction built to withstand heavy use
- Motion-Tracking Technology measures the operator's adherence to pre-set technique parameters
- Cameras track the movement of LEDs embedded in the MIG SmartGun
- Weld operator interface guided by an easy-to-understand interface
- Welding Positioning Arm allows completion of out-of-position welding exercises, w/calibration, motion tracking & feedback occurring in same way as table top exercises

Includes SmartGun w/15' cable, calibration tool & 2 table clamps, plus extra Tregaskiss consumables: 15 contact tips (five .035", five .045", five .052") & 3 heavy-duty 5/8" bore nozzles (1/8" stickout, 1/8" recess, flush).

Please visit our website for additional information.

Stk.	Mfr.	Price
566325	301-233	\$44,640.00

Workstation with Welding Positioning Arm **Includes** above, plus welding positioning arm, C-clamp assembly, removable arm extension for right- and left-hand applications & software.

Stk.	Mfr.	Price
566326	301-233-001	\$49,662.00

“ Do you have a specific purchasing process? ”

Sarah Cruz ext. 3120
scruz@midwesttechnology.com

STICK WELDERS



Thunderbolt® XL 225 AC Stick Welders

Miller Range and muscle to handle numerous stick welding, hard surfacing and cutting jobs with easier starts and less arc blow. Unit has the precision for low hydrogen and special alloy electrodes. Allows weld time to increase when amperage decreases.

- Accu-Set™ amperage control
- Cooling fan for extended life
- 2 wide AC amperage ranges w/continuous adjustment
- Infinite current control for precise weld output
- 3-yr. mfr.'s warranty on parts & labor (903-642 is 5-yr.s)

DC unit produces up to 20% more DC output than other welders:

- Fewer arc outages
- Less sticking, less spatter
- Easier out-of-position welding
- Better control on thin work

Rated output: @ 15% duty cycle (903-641), 225 amps @ 25VAC,
@ 15% duty cycle (903-642), DC 225 amps @ 25V.

Output range AC: (903-641 & 903-642), 30-150 (low), 40-235 (high),
DC 30-160. Unit size 18-3/4"H x 12-3/4"W.

Weight 85 lbs. (903-641), 104 lbs. (903-642).

Includes 15' No. 4 electrode cable w/heavy-duty electrode holder, 10' work cable w/clamp, power cord w/plug.

225 AC

Stk.	Mfr.	Volts	Phase	Price
566980	903-641	230	1	\$426.00

225/150 AC/DC **Includes** above, plus AC & DC electrodes.

Stk.	Mfr.	Volts	Phase	Price
566981	903-642	230	1	\$655.00

Running Gear Roll power source effortlessly. Power source mounts easily, providing convenient portability. **Includes** 2 wheels, 2 feet & handle.

565923	043-927			\$37.50
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AC-225 Stick Welder 230V AC

Lincoln Known for its smooth AC welding arc and industrial long life. Use on carbon and low alloy steels, stainless steel and cast iron. Welds down to 16 ga. sheet metal or on heavy steel plate. Use for maintenance and repair welding, building, fabrication or modifying equipment, construction tools, fixtures and more.

- Easy to set w/full amperage selector switch sets the current quickly & accurately, ensuring a consistent & uniform arc
- Easy to install & operate
- 3-yr. mfr.'s warranty on parts & labor

Rated output: @ 20% duty cycle: 225 amps @ 25V. Output range: 40-225. Unit size 24"H x 17-1/4"W x 12"D. Weight 109 lbs.

Includes input power cable & plug, electrode holder & cable, work clamp w/cable & manual.

Stk.	Mfr.	Price
503500	K761	\$27.40

Arc Welder Wheel Kit Lincoln For Arc Welder Models K1170 & K1297.

Includes axle, 2 wheels & assembly hardware.

Stk.	Mfr.	Price
503500	K761	\$27.40



AC/DC-225/125, Constant Current Arc Welder

Lincoln Unit adds smoother, more stable DC welding arc to the AC-225 Stick Welder. Use AC for welding heavy plate where higher deposition rates and travel speeds are desired and DC for thinner materials where a low current, stable arc is essential. For farm, shop and industry.

- Rugged design handles the toughest applications

- 3-yr. mfr.'s warranty on parts & labor
- Easy to install & operate

Rated Output: @ 20% duty cycle: AC 225 amps @ 25V, DC 125 amps @ 25V.
Output range: AC 40-225 (AC), 30-125 (DC).

Unit size 24"H x 17-1/4"W x 12"D. Weight 124 lbs.

Includes input power cord & plug, electrode holder & cable, work clamp & cable, sample pack of electrodes & manual.

Stk.	Mfr.	Volts	Phase	Price
503600	K1297	230	I	\$816.00
503500	K761			\$27.40



250 Stick Welder w/Power Factor Capacitors

Lincoln Stick welding workhorse with up to 300 amps of AC power or down to 250 amps of smooth DC welding performance. For industrial production welding, maintenance, repair shops.

- Outstanding arc stability & built-in stabilizer (*popout resistant welding w/AC electrodes*)
- Twist-of-wrist polarity changes (AC, DC+ or DC-)

- Continuous output control adjusts arc to fit welding needs
- Use w/all electrode types
- Easy set-up & operation
- Fan-cooled thermal protection
- Stack 3 high to save space
- 3-yr. mfr.'s warranty (*parts & labor*)

Rated output: @ 30% duty cycle (AC & DC) 250 amps @ 30V.

Output range: 35-300 (AC), 40-250 (DC).

Unit size 27"H x 19"W x 21.5"D. Weight 350 lbs.

Please specify voltage.

Stk.	Mfr.	Volts	Phase	Price
503571	K1053-9	208/203/460	I	\$2,963.00

Accessory Kit Includes electrode holder, work clamp, electrode & work cables, plus headshield w/lens cover plate.

503476	K704			\$922.00
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Undercarriage For easy portability. 24.56"W. **Includes** handle, axle, wheels, front bracket & mounting hardware.

503530	K866			\$168.00
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*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*



Dialarc® 250 AC, DC Stick Welder

Miller High output and duty cycle allow unit to handle nearly all stick welding needs. Electrical control assures fast and easy selection of any desired current within this model's 2 wide ranges. Range selector switch is provided for high or low AC or DC current.

- Single-dial infinite current control simplifies & allows precise weld output adjustment

- Wide range of electrode versatility that welds difficult materials
- Built-in power factor correction (*Mfr. 907-015 only*) for lower primary amperage demand
 - Forced-draft cooling fan

Rated output: @ 30% duty cycle: 250 amps @ 30VAC.

@ 50% duty cycle: 200 amps @ 28VDC.

Output range: AC 35-165 (*low*), 105-300 AC (*high*).

DC 35-155 (*low*), 90-265 (*high*).

Size 24-1/4"H x 19"W x 28"D. Weight 360 lbs. (566366), 365 lbs. (566365).

Please specify voltage.

200/230/460V I PH

Stk.	Mfr.	Volts	Phase	Price
566366	907-017	200/230/460	I	\$2,193.00

200/230/460/575V I PH Includes power factor correction.

Stk.	Mfr.	Volts	Phase	Price
566365	907-015	200/230/460/570	I	\$2,294.00

No. 19 Running Gear Four 8" poly/rubber-blend wheels w/towing handle.

565814	041-580			\$278.00
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No. 2 Stick Cable Set 15' No. 2 electrode cable & holder, 15' work cable & clamp. 200A, 100% duty cycle.

566299	195-196			\$116.00
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TIG WELDERS



Invertec®VI15-STIG Welder

Lincoln Smaller, lightweight inverter stick welder delivers precision arc control for code-quality results. Features 120/230V Auto-Reconnect™ operation from a portable generator or plugged into a 230V (200'L) extension cord.

- Touch Start TIG™ DC operation for easily striking arc w/out high frequency or tungsten contamination

- Auto-Adaptive Arc Force™ minimizes electrode sticking in puddle w/out compromising arc stability or increased spatter
- 2 stick modes (soft & crisp) provide the right arc for various electrodes
- Auto restore fuse protects machine from input over current & resets w/ out fuse change
- Automatic Hot-Start™ boosts current during starting for easier arc strikes
- F.A.N.™ noise/dust reduction
 - 3-yr. mfr.'s warranty

Rated output: @ 100% duty cycle (DC),

120V circuit: (Stick) 75 amps @ 23V, (TIG) 100 amps @ 24V,

230V circuit: (Stick) 105 amps @ 14.2V, (TIG) 130 amps @ 15.2V.

Rated input 24 & 33.8 amps. Output range: (DC) 5-155 amps.

Unit size 11.3"H x 6.2"W x 15.4"D. Weight 14.7 lbs.

Includes (6.6') 120/230V input cord w/two 120V plugs (15 & 20 amp), work clamp & cable (w/Twist-Mate™ plug), stick electrode holder & cable (w/Twist-Mate™ plug), plus adjustable shoulder strap.

Stk.	Mfr.	Volts	Phase	Price
503678	K2605-1	120/230	I	\$1,197.00



Precision TIG® 275 Welder

Lincoln Micro-Start II™ Technology and AC Auto Balance® deliver very stable low amperage starting, welding and cratering for both AC and DC welding. Fan-As-Needed™ prevents overheating, reduces power use, noise, motor wear and dust in the machine.

- Selectable welding modes (*high frequency, scratch start, Touch Start TIG™*)

- Auto Balance® improves penetration & bead appearance
- Cable management w/integrated torch holster
- Water-cooled, side-mounted torch connections
- 115V auxiliary power receptacles for powering optional water cooler or power tools
 - 3-yr. mfr.'s warranty on parts & labor
- High duty cycles
 - Well-spaced, easy-use controls
- C/US certified
 - Consumables storage compartment

Rated output @ 40% duty cycle: 275 amps @ 31V.

Rated input @ rated output:

with power factor correction 80/72/36A, w/out 104/94/47A.

Output range (AC & DC) 2-340 amps

Unit size 31"H x 22"W x 26"D. Weight 397 lbs.

Stk.	Mfr.	Volts	Phase	Price
503680	K2619-1	208/230/460	1	\$3,890.00

Undercarriage With dual bottle rack, front casters, rear wheels & handle.

503460	K1869-1			\$594.00
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Precision TIG® 225

Lincoln Precision welder provides power for general fabrication, automotive and vocational schools. Micro-Start™ II Technology delivers precision arc performance with extremely stable low amperage starting for welding and cratering in AC & DC welding.

- AC Auto-Balance™ & built-in simple pulse control for ease of use

- Great auxiliary power w/wide output range (*5-230 amps*)
- Auto-Balance™ automatically sets cleaning vs. penetration levels
- Built-in TIG pulser helps control heat input in the weld
- Digital meter & simple, well-spaced controls
- 115V auxiliary power receptacles power water coolers & other tools
- Fan-As-Needed™ prevents overheating, reduces power use noise, motor wear & dust in the machine
- US certified
 - 3-yr. mfr.'s warranty on parts & labor

Rated output: @ 100% duty cycle: 90 amps @ 23.4V.

Rated input @ rated output: 39 amps @ 42V.

Output range: (AC & DC): 5-230 amps.

Unit size 20.7"H x 14.5"W x 25.6"D. Weight 212 lbs.

Includes torch parts storage compartment, torch hanger, 10' work cable & clamp, removable lift eye, 9' input power cord, NEMA 6-50P Plug, NEMA 6-50R receptacle, 12.5' 1-piece PTA-17 pro-torch TIG, gas regulator w/ hose, foot Amptrol®, TIG & GTAW (TIG) manuals.

Requires shielding gas, sold separately.

Stk.	Mfr.	Volts	Phase	Price
503676	K2535-1	208/230	1	\$2,897.00



Syncrowave® 250 DX & 350 LX

Miller Squarewave technology improves your weld quality and makes TIG welding easier. Squarewave technology provides arc stability when welding aluminum, prevents arc rectification and eliminates tungsten erosion.

- Syncro Start™ allows the choice of soft, standard or hot TIG starts based on the application, lead lengths & tungsten size

- Last procedure recall simplifies changing your Syncrowave back & forth from aluminum TIG to stainless TIG to Stick welding
- Balance control is adjustable to provide additional oxide removal (*more cleaning*) or less cleaning based on the condition of the material being welded
- Digital welding meters display both amperage & voltage for viewing of the actual & preset values for greater accuracy & repeatability in your welding procedure
- Stick welding features such as Adaptive Hot Start™ provide good arc strikes without sticking
- Mfr.'s 3-yr. warranty

Input power 1 Phase.

Rated output:

@ 40% duty cycle

(350 LX): 350 amps @ 34VAC. (250 DX): 250 amps @ 30VAC,

@ 60% duty cycle

(350 LX): 300 amps @ 32VAC. (250 DX): 200 amps @ 28VAC.

Output range: 3-400 (350 LX), 3-310 (250 DX).

Power cord not included.

Power Source TIG torch connector sold separately. **Includes** 2 dinse 50 mm connectors.

Stk.	Mfr.	Item	Volts	Price
566400	907-194	250 DX	200/230/460	\$3,171.00
566405	907-198	350 LX	200/230/460	\$4,946.00

TIGRunner® Package TIG torch connector, dinse-style connector & TIG coolant sold separately. **Includes** power source, Coolmate 3CS cooler, No. 37 running gear & RFCS-14 HD remote floor control.

Stk.	Mfr.	Item	Volts	Price
566403	907-194-03-2	250 DX	200/230/460	\$4,743.00
566406	907-198-03-02	350 LX	200/230/460	\$6,798.00

Complete Package **Includes** TIGRunner (Syncrowave Coolmate 3CS cooler, No. 37 running gear, RFCS-14 HD remote foot control), 4 gallons of TIG coolant & water-cooled torch kit (TIG torch, cable cover, accessory kit, flowmeter regulator, gas hose, torch connector, & work clamp w/cable & Dinse-style connector).

Stk.	Mfr.	Item	Volts	Price
566977	951-117	250 DX	200/230/460	\$5,225.00
567126	951-622	350 LX	200/230/460	\$7,273.00

No. 37 Running Gear Miller Two 10" wheels, two 5" casters, handles & 2-compartment rack for gas cylinders or Coolmate™ V3 coolant system.

Stk.	Mfr.	Price
566301	195-282	\$508.00

Remote Foot Control Miller **Includes** 20' cord & 14-pin plug.

Stk.	Mfr.	Price
565921	043-554	\$262.00

Coolmate™ 3X w/Cart & Dual Cylinder Rack Miller Use with water-cooled guns. 3 gal. tank.

Includes easy-load dual cylinder rack & running gear.

Stk.	Mfr.	Price
566310	300-419	\$1,630.00

CAN'T FIND IT?

Call us at 800-831-5904.



Syncrowave® 200

Miller Easy-to-use, reliable full-featured square-wave power source provides professional performance with a smooth and steady arc.

- Squarewave output for stable arc & eliminates tungsten spitting
- Dual digital meters shows actual & preset values of amps & volts
- Built-in pulse control enhances weld bead & puddle control
- Cable management system, w/dual cable hangers & foot control storage, attaches to power source side panels
- Auto-post flow protects weld end zone & electrode by optimizing post-flow time based on welding amperage
- 115V auxiliary power w/receptacle for cooling system or small tools
- Runner w/cylinder rack eliminates lifting gas cylinders
- Syncro Start™ allows selection of soft, standard or hot TIG HF starts to optimize application to tungsten dia. & material thickness

Rated output: @ 40% duty cycle: 150 amps @ 26V.

Rated input @ 50/60 Hz., 1 phase: 54 amps @ 208-230V.

Output range: (DC) 5-200 amps.

Unit size 30-1/8"H x 21-1/8"W x 21-1/2"D. Weight 238 lbs.

Includes 12-1/2" 150A TIG torch, 12' work cable w/clamp & quick connect, RFCS-14 remote foot control w/20' cord, gas regulator, gas hose, electrode holder w/quick connect & running gear (No. 39).

Please specify voltage.

Stk.	Mfr.	Volts	Phase	Price
566411	907-308-00-1	208/230	1	\$2,467.00

RCC-14 Remote Contactor & Current Control Side-to-side rotary-motion fingertip control fastens to TIG torch w/2 Velcro® straps. **Includes** 26.5' cord w/14-pin plug. For production & quick ramp-up.

566187	151-086			\$198.00
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Universal Carrying Cart & Cylinder Rack For gas cylinder up to 56"H & 6" to 9" dia. Storage for electrodes, helmets, gloves, etc.

565929	042-934			\$363.00
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Syncrowave 210 AC/DC TIG Welder

Miller Ideal for light-industrial applications, the Syncrowave 210 does not compromise power or performance for affordable inverter technology.

- Operator-friendly interface
- Built-in running gear & storage space
- Squarewave output w/AC balance features adjustable oxide cleaning for high quality aluminum welds
- Low power draw inverter-based power source provides full welding output from 230V while drawing less than 30 amps.
- Auto-line power management technology allows for any input voltage hookup (115-230V) w/no manual linking
- Pro-set feature eliminates guesswork when setting weld parameters
- Front panel memory card data port for easily upgrading software & expanded product features
- 3-yr. mfr.'s warranty

Rated output: DC TIG: 125 Amps @ 15V, 60% duty cycle,
AC TIG: 114 Amps @ 14.6V, 60% duty cycle.

Rated Output: DC Stick 90 Amps @ 23.6V, 60% duty cycle.

Welding Range: 5-210 Amps. Weight 133.5 lbs.

Includes 10' primary cord, 2 MVP plugs for 115V & 23V, 12' 150 Amp TIG torch w/Dinse connector, 12' work cable w/clamp & Dinse connector, electrode holder w/Dinse connector, RFCS-14 foot control w/20' cord, regulator/flow gauge & gas hose & factory-installed running gear w/EZ-Change™ Low Cylinder Rack.

Stk.	Mfr.	Volts	Phase	Price
566450	907-596	115/230	1	\$2,590.00



Diversion Welders

Miller Portable, easy-to-use AC/DC TIG machine designed specifically for aluminum and stainless steel welding in a variety of applications.

- Fan-On-Demand™ cooling system only operates when needed
- Fully adjustable amperage setting is available from 10-165 amps on both DC & AC output
- Utilizes latest inverter technology w/an inverter-based AC/DC power source provides efficient & consistent welding arcs
- Auto-Postflow provides non-contact arc starting to eliminate tungsten & material contamination
- Auto-Postflow feature optimizes postflow time based on welding amperage without waste of gas or need for adjustment.
- Torch designed for maximum operator comfort
- 3-yr. mfr.'s warranty

Rated Output: 150 Amps @ 16VDC, 20% duty cycle. Weight: 50 lbs.

Includes 12.5' Weldcraft® WP-17 TIG torch w/backcap, ceramic gas cup, 3/32" collet & collet body, 2% ceriated tungsten, RFCS-RJ45 remote foot control, 12' work cable w/clamp, regulator/flow gauge w/hose & TIG Welding for Dummies book w/content by Miller.

165 Includes the above, plus Power source w/primary cord (50 Amp, 230V plug).

Stk.	Mfr.	Volts	Phase	Price
567030	907-626	230	1	\$1,623.00

180 Includes the above, plus Power source, 8' primary cord w/2 MVP plugs.

Stk.	Mfr.	Volts	Phase	Price
567031	907-627	230	1	\$1,916.00



24V Constant-speed Wire Feeders

Miller Simple to use, but built w/the strength & flexibility to handle industrial manufacturing & fabricating w/proven reliability.

- Trigger-hold control allows for prolonged, trigger-free welding
- Robust 16 ga. sheet metal housing for rough service applications
- Gear-driven drive rolls offer smooth, positive & accurate wire feed w/ long, uninterrupted service life (24A w/four drive rolls for larger wire dia.)
- On-board bumback & motor ramp control offers unmatched starting & stopping performance w/various power sources for positive arc starts
- Great for heavy- or light-duty fabrication & manufacturing
- Processes include MIG (GMAW) & flux-cored (FCAW) gas & self-shielded
- 3-yr. mfr.'s warranty (parts & labor)

Wire feed speed range 75 to 750 ipm.

Electrode wire dia. capacity .023" to 5/64" (22A), 3/32" (24A).

Unit size 23-1/2"L x 10-3/4"W x 11"H. Weight 36 lbs. (22A), 40 lbs. (24A).

Includes performance-matched Bernard® Q™-Gun, 0.035/.045" drive roll & Centerfire™ contact tips.

22A Features run-in for better arc-starting performance on a variety of wires & remote voltage control allows parameter adjustments in weld cell or at a remote location.

Stk.	Mfr.	Volts	Amps	Price
567106	951-190	24	7	\$1,103.00

24A

Stk.	Mfr.	Volts	Amps	Price
567107	951-193	24	7	\$1,422.00

MIG WELDERS



Miller[®] 212 Auto-Set MIG Welders

Miller 2-in-1 machine welds material from 22 ga. to 3/8" T in 1 pass. Auto-Set™ automatically sets welder to the proper parameters. Use manual mode to set weld parameters for broader applications.

- Fan-On-Demand™ cooling system
- Infinite voltage control replaces tap settings for dial in precision
- Line Voltage Compensation keeps welding output constant
- EZ-Access™ consumable storage w/parameter chart
- EZ-Change™ low cylinder rack eliminates lifting cylinders
- Solid-state contactor circuit makes wire electrically cold until trigger is pulled
- Compatible w/Spoolmatic[®] 15A/30A spool gun
- 3-yr. mfr.'s warranty
- Larger work area w/15' M-25 gun
- USA made

Rated output: @ 60% duty cycle: 160 amps @ 24.5VDC.
 @ 30%: 210 amps @ 22VDC. Output range: (DC) 30-210.
 Wire speed range 50-700 ipm.
 Unit size 30"H x 19"W x 40"D. Weight 178 lbs.

Includes 15' 250 amp M-25 MIG gun, 10' work cable w/clamp, 7' power cord & plug, Argon mix regulator/flow gauge w/hose, extra contact tips, factory-installed EZ-change low cylinder rack, .030/.035 in reversible drive roll, material thickness gauge, plus set-up & operation CD.

Stk.	Mfr.	Item	Volts	Phase	Price
566420	907-405		208/230	I	\$1,857.00

Kit Also includes Spoolmatic M-25 gun, dual cylinder rack, elevated gun & cable rack, regulator & hose.

566979	951-177		208/230	I	\$2,628.00
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Contact Tips, 10/pkg.

565750	087-299	.023"/.025"			\$15.80
565748	000-067	.030"			\$15.80
565749	000-068	.035"			\$15.80



Power MIG[®] 256 Welder

Lincoln For light industrial job shop fabrication, maintenance or repair work. Diamond Core Technology™ delivers excellent out-of-position arc stability, low spatter and a wide voltage sweet spot for steel, stainless steel and aluminum.

- Digital meters display preset voltage & wire feed speed
- Maxtrac[®] cast aluminum industrial wire drive features dual driven rolls, regulated wire feed speed control, brass-to-brass connections & 100% wire supporting split wire guide system
- Magnum[®] Pro gun & cable (15') makes it easy to reach work
- Copper Plus™ contact tips improve heat dissipation increasing tip life
- 115V auxiliary receptacle to power a grinder or other equipment
- Coil Claw™ cable management system keeps workstation organized
- Convenient top-mounted gun expendables tray
- All metal case front

Rated output: @ 40% duty cycle: 250 amps @ 26V.
 Output range: (DC) 30-300. Wire speed range 50-700 ipm.
 Unit size 31.8"H x 18.9"W x 38.8"D. Weight 245 lbs.

Includes Magnum[®] Pro 250L gun (& 15' quick-connect cable w/fixed gas nozzle assembly), expendables tray, built-in undercarriage w/easy-load gas cylinder platform, work clamp & 10' cable, drive roll & wire guide to feed .035"/.045" wire, gas regulator & hose kit for argon blend gases (for use w/CO² shielding gas, order a Lincoln Electric S19298 CO² shielding gas bottle adapter) & large color coded procedure sheet.

Stk.	Mfr.	Volts	Phase	Price
503700	K3068-I	208/230	I	\$3,074.00



Miller[®] 180 Auto-Set MIG Welder

Miller Welds up to 5/16" mild steel in 1 pass. Smooth-Start™ technology provides a smooth, spatter-free start (w/no pop-gun starts or spatter to clean up).

- Infinite voltage control
- USA made
- Uses 4" & 8" spools
- Cast aluminum feedhead w/dual groove quick-change drive roll & spring-loaded tension arm
- Tip saver short circuit protection shuts down when tip is shorted
- Thermal overload protection shuts down unit, activates temp light
- Easy access to output studs for polarity changeover
- Solid-state contactor circuit makes wire electrically cold until trigger is pulled
- Self-resetting motor protection circuit
- Wire sizes .024"-.035" mild or stainless steel, .030"-.045" flux cored

Rated output: @ 30% duty cycle: 135 amps @ 22.5VDC.
 Output range: (DC) 30-180. Wire speed range 90-700 ipm.
 Unit size 17-1/2"H x 10-5/8"W x 15-3/4"D. Weight 72 lbs.

Includes 10' M-10 Miller MIG Gun, 6' power cord & plug, 10' work cable w/clamp, Smith[®] Argon & AR/CO² mix regulator/flow gauge & gas hose, contact tips (2 for .024" wire & 2 for .030" wire), dual groove quick-change drive roll for .024" or .030/.035" wire, spool of Hobart[®] .030" solid wire, information/settings chart, factory-installed gas solenoid valve, Set-up & Operation video.

Stk.	Mfr.	Item	Volts	Phase	Price
566414	907-312		230	I	\$913.00
566330	770-187				\$198.00

Contact Tips, 10/pkg.

565750	087-299	.023"/.025"			\$15.80
565748	000-067	.030"			\$15.80
565749	000-068	.035"			\$15.80

Nozzle & Adapter

566270	169-715	Nozzle 1/2" dia. orifice			\$30.00
566273	169-716	Tip Adapter, 2/pkg.			\$29.50



MIG Handler[®] 140 Welder

Hobart Unit is ready to weld with or without shielding gas (no add'l. kit required). 25-140 amp output range easily handles a broad selection of solid mild steel or stainless, flux cored and aluminum wires. Welds 24 ga. up to 1/4" steel. 5-position tapped voltage control selector allows fine tuning for a smooth, stable arc on all thicknesses.

- Industrial cast aluminum wire drive system
- Dual-groove quick change drive roll
- Convenient polarity changeover

Rated output: @ 20% duty cycle: 90 amps @ 18VDC, 63 amps @ 21VDC.
 Output range: (DC) 25-140. Wire speed range 40-700 ipm.
 Unit size 12-3/8"H x 10-5/8"W x 19-1/2"D. Weight 57 lbs.

Includes 10' H100S2-10 MIG welding gun, built-in gas valve, regulator & gas hose, power cord w/plug, 10' work cable w/clamp, sample spool of .030" self-shielded flux cored welding wire, 8" wire spool adapter & extra .030" contact tips.

Stk.	Mfr.	Volts	Phase	Price
563230	500-559	115	I	\$578.00



Millermatic® 141 MIG Welder

Miller

- Auto-Set™ automatically provides the right settings to weld mild steel while infinite voltage control allows the flexibility to manually set your own parameters
- Angled cast-aluminum drive system with calibrated tension knob creates consistent feeding & easy setup for up to 15' MIG guns
- Quick Select™ drive roll makes setup quicker by offering 3 grooves - 2 for different size solid wire & a 3rd for flux-cored wire
- Auto Spoolgun Detect™ automatically detects when a MIG gun or spool gun is connected eliminating the need for a switch
- Smooth-Start™ provides a smooth, spatter-free start
- Thermal overload protection shuts down unit & activates the over temperature light if airflow is blocked or duty cycle is exceeded
- Uses 4" or 8" spools & can be set up to weld with .024" - .030" solid wire & .030" - .035" flux-cored wire

Rated output: 90 Amps @ 18.5 VDC, 20% duty cycle.
Wire Speed: 15 - 136 ipm. Unit size 12.5"H x 11.25"W x 20.5"D.
Weight 51 lbs.

Includes power source, 6.5' power cord w/plug, 10' M-100 MIG gun & cable assembly, 10' work cable w/clamp, argon & AR/CO² mix flow gauge regulator w/gas hose, Hobart® spool of .030" solid wire, contact tips (2 for .030" wire), Quick Select™ drive rolls (for .024" or .030/.035" solid wire & .030/.035" flux-cored wire), material thickness gauge & Velcro cord wraps.

Stk.	Mfr.	Volts	Phase	Price
566455	907-612	120	I	\$781.00

Contact Tips Miller 10/pkg.

Stk.	Mfr.	Item	Price
565748	000-067	.030"	\$15.80
565749	000-068	.035"	\$15.80
565750	087-299	.023"/.025"	\$15.80

Nozzle & Adapter Miller

Stk.	Mfr.	Item	Price
566270	169-715	Nozzle 1/2" dia. orifice	\$30.00
566273	169-716	Tip Adapter, 2/pkg.	\$29.50

Running Gear/Cylinder Rack Miller Heavy-duty construction with 8" rubber rear wheels and ball bearing casters. Convenient front handles, cable hangers, lower shelf for storage and plastic consumable box. For gas cylinders no greater than 7" in diameter or 65 lbs. in weight. For use with Millermatic & Diversion Welders. Size 37"L x 18"W x 36-1/4"H. Weight 35 lbs.

Stk.	Mfr.	Price
566327	301-239	\$195.00



Millermatic® 252 MIG Welders

Miller Welds material from 22 ga. to 1/2" T in 1 pass. Very high output for welding longer on high-end applications.

- Large, digital front panel w/built-in digital timers menu for presetting voltage & wire feed speed (standard run-in, pre/postflow, burnback, spot/delay "stitch" timer menu)
- Auto Gun Detect™ allows operator to pull trigger on MIG gun, spool gun, or push/pull gun (automatically detects & recalls voltage, wire feed speed & timer of the active gun)
- Push-Pull gun direct connection
- Angled, dual-gear driven cast aluminum drive system (w/no-tool, quick-change reversible drive rolls & easy-to-set, scaled tension knob)
- EZ-Change™ Low Cylinder Rack allows operator to easily roll cylinders on & off of rack w/out lifting cylinders
- EZ-Access™ Consumable Compartment & Parameter Chart to easily & correctly set weld parameters
- Active Arc Stabilizer™ for less weld cleanup
- Line voltage compensation keeps power constant
- Larger work area w/longer 15' M-25 gun
- Fan-On Demand™
- Mfr.'s warranty: 3-yr. (parts/labor), 5-yr. (main power rectifier parts)

Rated output: @ 40% duty cycle: 250 amps @ 28VDC.
@ 60% duty cycle: 200 amps @ 28VDC.

Wire feed speed (IPM) 50 - 700 ipm.
Unit size 30"H x 19"W x 40"D. Weight 194 lbs.

Includes 15' 250 amp M-25 MIG gun (for .030"/.035" wire), 10' work cable w/clamp, factory-installed gas solenoid, Argon mix regulator/flow gauge & hose, factory-installed running gear w/EZ-Change™ low cylinder rack, .030"/.035" reversible drive rolls, extra contact tips, Set-up & Operation Interactive CD.

Please specify voltage.

252 Includes above, plus 10' power cord & plug.

Stk.	Mfr.	Item	Volts	Phase	Price
567010	907-321		200/230	I	\$2,312.00
567011	907-322		230/460/575	I	\$2,358.00

252 Spoolgun Aluminum Package Includes above, plus Spoolmatic® 30A, dual cylinder rack, elevated gun & cable rack, regulator, hose.

Stk.	Mfr.	Item	Volts	Phase	Price
567060	951-066		200/230	I	\$3,552.00
567059	951-065		230/460/575	I	\$3,615.00

Contact Tips, 10/pkg.

565748	000-067	.030"			\$15.80
565750	087-299	.023"/.025"			\$15.80
565749	000-068	.035"			\$15.80

Spoolmatic 30A Built-in gas valve, rotatable canister & all wire dual groove drive roll. 30' cable assembly. Roughneck® barrel is Bernard® Centerfire® compatible. Gas valve eliminates purging of long gas lines. 2-stage trigger w/gas preflow. Spool canister rotates 180°. Wire speed adjustment on handle. Reversible drive roll. 200 amp @ 100% duty cycle. Wire speed: 70-875 ipm. Spool size: 4". Wire dia. capacity: .030-1/16" aluminum wire, hard wire up to .045". **Includes** 30' 10-pin cable assembly.

565968	130-831				\$1,081.00
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Nozzle 5/8" orifice, flush tip.

566271	169-726				\$22.20
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*Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our **Customer Service Department** for assistance with damage claims.*

Place your order on-line!
www.midwesttechnology.com

MULTIPROCESS WELDERS



XMT® 304 CC/CV Multiprocess Welder

Miller The multiprocess XMT 304 CC/CV combines the advantages of inverter-based power with the built-in features and productivity of high-end MIG machines.

- Wind Tunnel Technology™ protects electrical components & PC boards from contamination
- Fan-On-Demand™ cooling system operates only when needed, reducing noise, energy use & the amount of contaminants pulled through machine
- Lift-Arc™ allows TIG starting w/out the use of high-frequency & starts the arc without contaminating the weld w/tungsten
- Line voltage compensation keeps welding output constant even if input power varies by +/- 10 percent
- Adaptive Hot Start™ increases the output amperage at the start of a weld if necessary, eliminating electrode sticking
- Lightweight, aerospace-grade aluminum case offers protection w/the benefit of reduced weight
- Inverter arc control technology provides greater puddle control for superior 6010 Stick electrode performance
- Large, dual digital meters are easy to view & are presettable to ease setting weld output
- Process selector switch reduces the number of control setup combinations w/out reducing any features
- Auto-Link® circuit automatically links the power source to primary voltage being applied (230/460 or 460/575 VAC, single- or three-phase)

Output Power 10 – 35V, 5 – 400 A

Rated Output: 300 A @ 32 VDC, 60% Duty Cycle, 3-Phase
225 A @ 29 VDC, 60% Duty Cycle, 1-Phase

Welding Amperage Range: 5 - 400 A, in CC mode,
10 - 35 V, in CV mode

Unit size 17"H x 12.5"W x 24"D. Weight 79.5 lb.

Stk.	Mfr.	Volts	Phase	Price
567027	903-471	208-230/460	1 or 3	\$3,581.00

Welder w/MIG Runner Package Includes XMT 304 CC/CV power source, 22A wire feeder, Bernard® Q400 MIG gun, .035/.045-inch drive roll kit, regulator/flow gauge with gas hose, MIGRunner cart with cylinder rack bottom tray will hold optional Coolmate 3 (sold separately).

567110	951-343	208-230/460	1 or 3	\$5,745.00
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PLASMA CUTTERS



20 Plasma Cutter

Lincoln Lightweight, portable unit cuts sheet metal. Ideal inverter for Vo-Ag, HVAC, auto body, sheet metal fabrication and cutting expanded metal, stainless steel and aluminum.

- No high-frequency to damage sensitive electronic equipment
- Top-mounted, easy-adjust air pressure regulator
- Uses standard compressed air
- Fan-cooled
- 1-yr. mfr.'s warranty (parts & labor), 90 day (plasma torch)

Rated output: 20 amps @ 40%: 10-15 amps @ 50%.

Rated input: 20 amps @ max. output, 15 amps @ 10-15 amps output.

Plasma gas flow/pressure 3.5 cfm @ 65 psi.

Cutting capacity 3/8" steel. Unit size 12.5"H x 6.5"W x 16"D. Weight 21 lbs.

Includes cutting torch assembly w/9.5' reach, ground clamp w/8' cable, saddle-hook cable storage, power cord & plug.

Stk.	Mfr.	Volts	Phase	Price
503695	K2820-1	115	1	\$1,206.00



Spectrum® 375 X-TREME™ Plasma Cutter

Miller 30 Amps for 3/8" mild steel capacity, XT30 torch with ergonomic handle and flexible cable, Auto-Line™ and MVP™ plugs make this 19 lb. unit the most portable plasma cutting system on the market.

- Auto-Line™ circuitry automatically connects to 120–240 VAC, 1-phase power, 50/60 Hz, w/out removing the covers to relink power source
- X-CASE™ protects during transport & storage
- Auto-Retire™ technology automatically controls pilot arc when cutting expanded metal or multiple pieces of metal
- XT30 torch w/ergonomic handle to help prevent operator fatigue
- Power w/any Miller engine w/generator or equivalent equipment
- LED indicators for pressure, power, cup & temperature allow faster troubleshooting, eliminating unnecessary downtime
- LVC™ line voltage compensation provides peak performance power under variable conditions

Rated output: (DC): 20 amps @ 35% duty cycle.

Rated input: @ rated output: 20 amps @ 120V. 30 amps @ 240V.

Plasma gas flow/pressure 5.0 cfm @ 90 psi. Cut cap'y. 3/8" steel, 1/4" alum.
Unit size 9"H x 5-1/2"W x 13-1/4"D. Weight 19 lbs. w/torch.

Includes XT30 torch w/12' cable, heavy-duty work clamp w/12' cable, XCASE, 10' power cord, MVP plugs 5-15P (120V, 15 A), 6-50P (240V, 50 A), shoulder strap, 2 electrodes, 2 tips, deflector & air fitting.

Stk.	Mfr.	Volts	Phase	Price
566435	907-529	120/240	1	\$1,348.00

Electrodes Miller Replacement 25/27A Electrodes. 5/pkg.

566278	176-655			\$43.60
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Non-Shielded Tips Miller Replacement 25/27A Tips. 5/pkg.

566279	176-656			\$22.40
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Shield Cup Miller Replacement Shield Cup. 5/pkg.

566296	202-808			\$22.20
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dgoodwin@midwesttechnology.com





Spectrum 625X Plasma Cutters

Miller Big cutting power in a small package. 40 Amps for 5/8" mild steel cutting. Easily connect to 120V or 240V input.

- Auto-Line circuitry automatically connects to 120–240 VAC w/out making internal changes
- MVP adapters allow connection to 120 or 240V receptacles w/out tools

- X-CASE provides ultimate protection & additional space for MVP adapters, consumable box & more
- Auto postflow calculates optimum length of postflow time to optimize consumable life & eliminate excessive air usage
- Heavy-duty work clamp w/flexible cable & quick connect
- Line voltage compensation provides peak performance for steady cuts & cleaner ending cuts
- Auto-Retire technology controls pilot arc when cutting expanded metal or multiple pieces of metal
- LED indicators for power, pressure, cup & temperature
- Automatic air regulation compensates for input pressure variation to provide constant recommended torch pressure
- Automatic gouging consumable detection adjusts gas pressure to optimize performance

Rated Output: 40 amps @ 140 VDC, 50% duty cycle.
27 amps @ 91 VDC, 20% duty cycle.

Required Input Pressure/Flow 6 SCFM (170 L/min.) @ 90 PSI minimum, 120 PSI.
Unit size 5.5"W x 13.25"D x 9"H. Weight 21 lbs.

Includes XT40 hand-held torch w/cable, complete set of 40A consumables, heavy-duty work clamp & flexible cable w/quick connect, X-CASE, 12' power cord, MVP™ adapters, 240V, 50A (6-50P) plug & 120V, 15A (5-15P) plug, shoulder strap, consumables box w/2 electrodes, 2 tips (40A), 1 tip (30A), drag shield (30A), deflector & air fitting.

Cutter w/12' Cable

Stk.	Mfr.	Volts	Phase	Price
566445	907-579	120/240	I	\$1,784.00

Cutter w/20' Cable

Stk.	Mfr.	Volts	Phase	Price
566446	907-579-00-1	120/240	I	\$1,897.00

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AirForce™ 500i Plasma Cutter

Hobart Economical unit for all conductive metals. Portable, inverter-based design features an adaptable power source either 115 or 230 VAC power using its Multi-Voltage Plug (MVP). Full-cutting capacity when powered by most engine-driven welders with 240V receptacles.

Pilot arc controller increases cutting capabilities and speeds, plus improves tip life.

- Ergonomic torch increases comfort & more efficient cooling
- Smaller heat-affected zone, less warping
- LVC™ line voltage compensation
- No gas pressure settings or flame tuning needed
- More precise cut, thinner kerf, less slag to clean up
- Power factor correction expands work area via extension cords, minimizes nuisance trips caused by voltage drops
- Wind tunnel technology protects internal components from dust, etc.
- Postflow cooling circuit extends consumable life
- Thermal overload protection withstands tough working environments
- Cuts faster than oxy fuel
- Fan-On-Demand™
- USA made

Rated output: @ 35% duty cycle (DC):

27 amps @ 92VDC (240V).
20 amps @ 88VDC (120V).

Rated input: 15 amps @ 120V.

Plasma gas flow/pressure 3 cfm @ 90-120 psi. Cut capacity 3/8" mild steel.
Unit size 11-1/4"H x 8-1/4"W x 14-1/4"D. Weight 27.8 lbs. w/torch.

Includes HP-50 torch w/16.5' cable, 16.5' work cable w/heavy-duty work clamp, 10' power cord w/MVP plug (115/230VAC), cable strap (secures torch, work cable & power cord).

Stk.	Mfr.	Volts	Phase	Price
563220	500-548	120/240	I	\$1,420.00

SPOT WELDERS



Air-Cooled Spot Welders

Miller Lightweight easy-to-use unit for welding mild, galvanized or stainless material.

- Tongs lock firmly onto material for accurate fit-up while welding

- Adjustment for material thickness is quick & easy
- Reversible handle for left- or right-handed operation

Tongs sold separately.

Spot Welder

Stk.	Mfr.	Volts	Capacity Mild Steel	Rated Output @ 50% Duty Cycle	Price
566216	900-371	110	1/8"	1.5 KVA	\$618.00
566350	900-377	230	3/16"	2.5 KVA	\$685.00

Spot Welder w/Timer Panel **Includes** separate control panel & junction box for primary connections, on/off power switch, 0-5 sec. timer, 10' interconnecting power cord & 10' primary power cord.

566417	901-345	110	1/8"	1.5 KVA	\$1,089.00
566551	901-357	230	3/16"	2.5 KVA	\$1,225.00

90° Tongs Miller Tongs w/MT #1. 4-1/2"H throat.

Includes welding tips set.

564946	040-218	6"			\$779.00
564947	040-219	12"			\$905.00
564948	040-220	18"			\$945.00

Welding Tip Miller Made of RWMA Class 2 alloy.

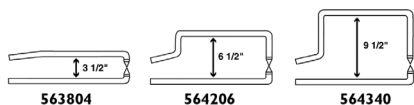
Stk.	Mfr.	Price
564951	040-223	\$22.40



Spot Welder Pedestal

Miller Leaves both hands free to handle the work. When foot control is depressed, tongs close & the welder switch is activated. Use w/MSW, LMSW & WT spot welders.

Stk.	Mfr.	Price
565680	040-872	\$385.00



Spot Welder Tongs

Miller Leaves both hands free to handle the work. When foot control

is depressed, tongs close & the welder switch is activated. Use w/MSW, LMSW & WT spot welders.

Includes standard tip set.

Standard Tongs

Stk.	Mfr.	Length	Price
563804	040-197	6"	\$103.00
563871	040-198	12"	\$158.00
563938	040-199	18"	\$180.00

TT-6 Tongs

564206	040-203	12"	\$226.00
564273	040-204	18"	\$224.00

TT-9 Tongs

564340	040-205	12"	\$228.00
564407	040-206	18"	\$246.00



Welding Tips

Miller

Standard Tip May be used on all tongs except MO, FH or FF.

Stk.	Mfr.	Price
564675	040-211	\$20.70

Flat Tip May be used on all tongs except MO, FH or FF.

564742	040-212	\$22.60
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MO Offset Tip

564943	040-215	\$69.10
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OXY-ACETYLENE WELDING KITS



Medium-duty 250 Acetylene Kit

Firepower Ideal for light duty work.

- Built-in flashback arrestors & check valves
- 1-yr. mfr.'s warranty

Includes 250 medium duty regulators, WH-270FC-FS torch handle w/built-flashback arres-

tors & check valves, CA250-FS cutting attachment, 0-UM welding nozzle, series 3 cutting tip, 3/16" x 12.5' grade "RM" hose, striker & goggles.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
405619	0384-2550	5/64"	1/2"	\$273.00



Shop Flame II Torch Kit

Forney Medium-duty oxygen/acetylene unit. Precision engineered and designed for trouble-free performance. Features built-in reverse flow check valves.

Includes oxygen regulator, acetylene regula-

tor, welding torch handle, cutting attachment, universal mixer, #1 cutting tip, #1 welding tip, check valves, striker, hose (3/16" x 20') & goggles.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
409900	1705	3/32"	3/4"	\$352.00



Toughcut™ Acetylene Kit

Miller Medium-duty outfit is capable of cutting, welding, brazing or heating. The torch design provides excellent agility for precision cutting operations. Outfit features a rugged, reliable Series 30™ medium-duty regulator, and comes complete with safety and operations manual.

Includes torch handle, cutting attachment, acetylene cutting tip, welding tip, oxygen regulator, acetylene regulator, 3/16" x 20' twin hose, friction lighter, safety glasses, regulator mount check valves & manual.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
567150	MB54A-510	1/8"	1/2"	\$267.00

ELECTRODE OVENS



Bench/Floor Electrode Oven

Phoenix Stabilize electrodes with these Type 300 ovens that promote even heat distribution while air currents direct moisture toward the vent at top of the door. Tubular, metal-sheathed twin heating elements clamp to upright struts on the bottom of oven, providing

heat without danger of shorting.

- Adjustable thermostatic control w/indicator light for variable temps
- Single-action door latch opens easily, closes positively, can be locked
- 2" glass fiber batt insulation for minimal heat loss
- Aluminized steel interior prevents corrosion
- Easy maintenance

Heating elements (2) 1,000 watts. Temperature range 100° to 550°.

Capacity 350 lbs. Size of electrode handled 10" to 18".

Unit size (inside) 18" dia. x 19" deep, (outside) 29-1/2" x 22-1/2" x 22-1/2".

Unit weight 90 lbs.

Includes 6 shelved compartments (removable for wire rolls), 10' three-wire cord w/plug (120V only).

Please specify voltage.

Stk.	Mfr.	Volts	Hz.	Phase	Price
618705	1200200	120	50/60	1	\$1,733.00
618700	1200100	240/480	50/60	1	\$2,038.00

Stacking Ovens Above ovens w/factory-installed stacking lugs to bolt to the feet of any Type 300 oven.

Stk.	Mfr.	Volts	Hz.	Phase	Price
618706	1200202	120	50/60	1	\$1,997.00
618701	1200102	240/480	50/60	1	\$2,234.00

618701 & 618700|Cord is supplied w/out plug.



Dry Rod® II Type 2 Portable Electrode Oven

Phoenix Stabilizes up to 20 lbs. of electrodes at once. Wire-wrap heating element provides evenly-distributed, constant heat for 100% protection of electrodes. Rod elevator easily extracts welding rods from oven.

- Durable steel body w/tough powder-coat finish
- Safety-yellow color ensures high visibility

- Spring latch tightly secures insulated lid
- Adjustable thermostat
- 120/240 voltage selector switch
- Power inlet accommodates other cord sets
- USA made

Heating element 150 watts. Temperature range 100-300°.

Unit size (inside) 3-7/8" dia. x 19-3/4" deep, (outside) 7-3/4" x 9-1/4" x 23".

Unit weight 15.3 lbs.

Stk.	Mfr.	Volts	Phase	Price
618707	1205512	120/240	1	\$474.00

WELDING SUPPLIES

Soapstone & Holder

Firepower Chalk for marking metal. 5"L x 1/2"W x 3/16".

Stk.	Mfr.	Item	Price
405630	1423-0095	Soapstone, 6pkg.	\$5.09
405632	1423-0097	Holder	\$4.56

Gas Brazing Rods

Firepower 1/8" bronze rod for general brazing. Highest quality flux-coated low-fuming bronze.

Stk.	Mfr.	Item	Price
405740	1440-0430	36"L. 5 lbs.	\$147.00

Oxy-Acetylene Rod Assortment

Forney For gas welding. 14/pkg. 18" length, 1 lb.

Includes seven 3/32" rods & seven 1/16" rods.

Stk.	Mfr.	Item	Price
942806	48493	18"L. 1 lb.	\$24.00

Gas Welding Rods

Firepower For gas welding. High strength steel w/copper coating.

Stk.	Mfr.	Item	Price
405741	1440-0433	36"L. 10 lbs.	\$77.60

All-purpose Brazing Flux

Forney For use w/oxy-acetylene or arc torch, in the general brazing of steel, malleable iron, cast iron & galvanized metals. Also use when fusion welding copper, brass, bronze & other copper alloys. Cleanses the metal & readily dissolves any oxides that may be present or formed during brazing. Oxides form a low melting point, fusible slag, permitting the filler metal to flow freely & form a non-porous, oxide-free weld.

Stk.	Mfr.	Item	Price
942870	37250	1/2 lb. can.	\$7.36

AWS Class E 6011 Arc Welding Electrodes

Firepower Mild steel type electrodes welds through rust, scale, oil & dirt.

- Use when unable to prepare the welding surface
- Deep penetration
- 60,000 psi tensile strength
- AC or DC reverse polarity
- All-position electrode

Stk.	Mfr.	Rod	Qty.	Price
405650	1440-0096	5/32"	5 lbs.	\$19.30
405652	1440-0098	5/32"	50 lbs.	\$166.00
405656	1440-0106	1/8"	5 lbs.	\$18.60
405658	1440-0108	1/8"	50 lbs.	\$162.00
405662	1440-0116	3/32"	5 lbs.	\$21.20
405664	1440-0118	3/32"	50 lbs.	\$185.00

AWS Class E 6013 Arc Welding Electrodes

Firepower Mild steel type electrodes designed for general purpose use.

- Best used w/clean or prepared welding surface
- Medium to shallow penetration
- AC or DC, either polarity 60,000 psi tensile strength
- All-position electrode

Stk.	Mfr.	Rod	Qty.	Price
405670	1440-0125	5/32"	5 lbs.	\$19.40
405672	1440-0127	5/32"	50 lbs.	\$160.00
405676	1440-0135	1/8"	5 lbs.	\$18.20
405678	1440-0137	1/8"	50 lbs.	\$152.00
405682	1440-0146	3/32"	5 lbs.	\$20.80
405684	1440-0148	3/32"	50 lbs.	\$164.00

AWS Class E 7014 Arc Welding Electrodes

Firepower Iron-powder type electrodes designed for high deposition (deposit) & high electrode travel speed.

- Best used w/clean or prepared welding surface
- Medium to low penetration
- 70,000 psi tensile strength
- AC or DC, either polarity
- All-position electrode

Stk.	Mfr.	Rod	Qty.	Price
405690	1440-0151	5/32"	5 lbs.	\$22.00
405692	1440-0153	5/32"	50 lbs.	\$203.00
405700	1440-0201	1/8"	5 lbs.	\$21.70
405702	1440-0203	1/8"	50 lbs.	\$192.00
405706	1440-0206	3/32"	5 lbs.	\$22.80
405708	1440-0208	3/32"	50 lbs.	\$196.00

AWS Class E 7018 Arc Welding Electrodes

Firepower Low-hydrogen type electrodes designed to produce X-ray quality welds.

- Best used w/clean or prepared welding surface
- Medium penetration AC or DC, either polarity
- 70,000 psi tensile strength
- All-position electrode

Stk.	Mfr.	Rod	Qty.	Price
405696	1440-0186	1/8"	5 lbs.	\$19.20
405697	1440-0188	1/8"	50 lbs.	\$150.00

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MIG Welding Wire

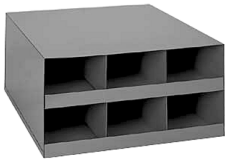
Firepower Best used with clean or prepared welding surface. Requires a shielding gas. DC reverse polarity.

Premium AWS Class ER 70S-6 Solid MIG Welding Wire For general purpose MIG welding on mild steel.

Stk.	Mfr.	Wire Size	Spool Size	Price
405711	1440-0215	.030"	2 lbs.	\$13.10
405712	1440-0216	.030"	11 lbs.	\$46.80
405713	1440-0217	.030"	33 lbs.	\$108.00
405715	1440-0220	.035"	2 lbs.	\$10.90
405716	1440-0221	.035"	11 lbs.	\$44.00
405717	1440-0222	.035"	33 lbs.	\$110.00

Premium AWS Class ER 5356 Aluminum Welding Wire For aluminum MIG welding.

Stk.	Mfr.	Wire Size	Spool Size	Price
405720	1440-0240	.030"	1 lb.	\$18.00
405721	1440-0241	.035"	1 lb.	\$17.50



Welding Electrode Cabinet

Durham Made of prime rolled cold steel w/interlocking construction. Holds welding rods up to 18" length. Six compartments each measure 4"H x 5-1/4"W. Gray baked enamel.

Stk.	Mfr.	Overall Size	Price
345100	921-95	16-1/8" x 8-1/8" x 18-1/2"	\$97.80



Welding Rod Storage Tube

Tweco Weld rod storage tubes provide great storage for all your welding electrodes, rods and filler metals. Chloride-free and features a threaded cap with long lasting neoprene seal

to keep electrodes airtight-preventing them from being contaminated with atmospheric moisture. Holds up to 10 lbs. of 12" or 14" electrodes.

Stk.	Mfr.	Price
405623	1421-0062	\$26.10



Fire/First Aid Blanket

Steiner Flame retardant, wool blanket with serge hems can be used to smother flames and cover injured students. Red nylon storage pouch is vinyl coated to withstand water, weather and cold. Also features carrying strap, 4 heavy-duty hanging grommets and a Velcro™ fastener.

Meets 16 CFR Part 1610 standard for flame retardant use.

Stk.	Mfr.	Size	Price
884885	BTPCO	5' 2" x 7"	\$83.80



Fire Blanket w/Cabinet

sellstrom White fiberglass, heat-resistant blanket to cover the fire, or to wrap around a person whose clothes are on fire. Protects for excursion temperatures to 1000°F. Chemical resistant red steel cabinet is wall-mountable (15"H x 15"W x 2"D) and designed to protect blanket from common exposure.

Stk.	Mfr.	Size	Price
772740	97457	5' x 6'	\$120.00

WELDING TOOLS



Weld Cleaning Tools

Forney For fast, clean slag removal. Hammer heads are high carbon steel w/flat chisel. Wide blade prolongs tool life.

Chipping Hammer w/Brush

Stk.	Mfr.	Item	Weight	Length	Price
409950	70500		1.3 lbs.	12"	\$11.30
969323	44070	Brush Refill			\$4.95

Straight Head Chipping Hammer

Stk.	Mfr.	Item	Weight	Length	Price
409960	70600	Shockproof Handle	1 lb.	10-1/2"	\$7.36
409965	70610	Wooden Handle	9 lb.	10-1/2"	\$8.84



Dominator Weld Wakker™

Mayhew Break apart spot welds or bonded panels. Strikeable handle end cap & side edge of tool. 1" blade w/black oxide finish. Soft-grip handle.

Stk.	Mfr.	Item	Price
528640	42020	12-1/4"L.	\$25.40



Tip Cleaner Kit

Anchor Light and easy to use. Fits all tip sizes. Includes file & 13 sizes (6-26).

Stk.	Mfr.	Price
942804	AB-STC	\$3.57



Single Flint Lighters

Shurlite

Universal Round File Lighter Under the hood is the round file that spins & always assures a fresh spark.

Stk.	Mfr.	Price
795100	3001	\$3.56

Flat File Lighter Constructed using a round cup design. Allows user to replace the flint when necessary.

Stk.	Mfr.	Price
795098	1501	\$1.95

Flint Renewals, 5/pkg.

Stk.	Mfr.	Price
795102	3011X	\$1.94



Tri-flint Lighter

Shurlite Made of heavy-duty steel band w/3 flints attached. Triangular design provides 3x the use before renewing flints. USA made.

Stk.	Mfr.	Item	Price
795110	4501		\$5.64
795115	5012X	Tri-Flint Renewal, 4/pkg	\$4.38



Electrode Holder

Forney Heavy-duty 300 Amp electrode holder for most arc welding jobs. Accommodates rods up to 3/16" diameter. Will accept up to #2 welding cable. 10-1/2" length.

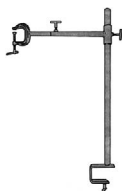
Stk.	Mfr.	Price
942895	56200	\$25.80



Steel Ground Clamp

Forney Good positive connection clamp with 1-3/4" wide jaw opening. 300 Amps, #2 cable capacity, 8" length.

Stk.	Mfr.	Price
942896	54410	\$11.70



Welding Positioner

Greene 42" high, for out of position welding. Use with arc & gas welding. All welded construction. Black color.

Stk.	Mfr.	Item	Price
433615	GWP-1	For Grouted Tables	\$269.00
433624	GWP-2	For Grate-Top Tables	\$229.00



Weld Tester

Greene Loads & deforms weld samples in a controlled manner w/8,000 psi applied pressure. All-welded construction.

- 6"W x 8"D x 12-1/2"H
- 2-1/4" bending radius

- 1" bending rollers
- 1" solid steel bending pin
- Produces 6" stroke distance
- Cross-sectional test capacity 5/8" thick x 2" x 10"L
- Mesh steel flip-away safety deflection guard
- Federal safety green color

Stk.	Mfr.	Price
433797	GBT-9000.G	\$1,114.00



Pneumatic Weld Bend Tester

Fischer Portable, air-driven weld bend tester for manufacturing and fabricating environments. Weld surface to be evaluated never contacts any hard surface during bending. Bottom ejection design assures specimen will not get stuck. Hardened steel rollers with heavy-duty needle bearings do not drag on specimen.

- Single bend radius for economy
- Convertible from 1/4" up to 1-3/4" bend radii
- Rapid, multiple bends possible
- Integral hydraulic system

Size 20"H x 11"W x 6"D, bender. 5.7"H x 5.6"W x 14.7"D, pump. Weight 37 lbs.

Includes 1.500" dia. hardened tool steel mandrel.

Stk.	Mfr.	Price
405900	BT1C	\$2,218.00



Fillet Weld Tester

Fischer 25-ton, hydraulic H-frame press will perform qualification and process control testing of typical fillet-welded "T" joints made from 1/2" maximum thickness hot rolled low-carbon steel. The specimens to be tested must have dimensions in accordance with one of the following codes or standards: AWS D1.1, ASME Section IX, or AWS B2.1.

Specimen capacity 1/2"T max., 4-6"L.

Compression force 50,000 lbs. max. Ram travel 6" max.

Air pressure 90-120 psi @ 9 cfm for pneumatic operation.

Size 37"W x 28"D x 72"H. Weight 500 lbs.

Includes 6" stroke cylinder w/spring return, air & hand powered hydraulic pump, pressure gauge & flip-up safety shield to protect the operator (not shown).

Stk.	Mfr.	Price
405904	FWTI-AH	\$4,488.00



Cylinder Trucks

Harper Continuous handle model safely transports a 7-1/2" oxygen & 9-1/4" acetylene cylinder combination. Semi-pneumatic rubber tires w/smooth operating ball bearings.

Bracket chain 24"H. Base plate 9" x 18". Size 22-3/4"W x 39-1/2"H.

Includes tool box.

Stk.	Mfr.	Item	Price
618710	150-15	10" dia. tires	\$265.00
618711	150-25	12" dia. tires	\$294.00



6-Piece Welders File Set w/Brush

Nicholson Cuts steel, wood, plastic, leather and rubber.

Includes wire brush, two 12" half round bastard files, two 10" mill bastard files & 12" flat bastard file.

Stk.	Mfr.	Price
543844	MWF-2	\$83.00



Hold-down Clamp

Jorgensen Hold-down clamp offers the advantage of bench top and machine surface clamping. Designed to rotate 360° around the holding bolt. Use anywhere on wood or metal surfaces.

Stk.	Mfr.	Max. Opening	Throat	Price
192110	1623	3"	1-3/4"	\$24.30



Multipurpose Magnetic Holding Clamp

General For holding ferrous metals at fixed angles for clamping or welding application. Permanent ceramic magnet will not lose magnetism & is held between 2 steel plates for added strength. Unique design provides fixed 90°, 75°, 45° & 30° angles. Painted surface prevents rust. Ideal for industrial applications.

design provides fixed 90°, 75°, 45° & 30° angles. Painted surface prevents rust. Ideal for industrial applications.

Stk.	Mfr.	Price
418610	377	\$16.10



Magnetic Holding Clamps

Forney Multi-purpose magnet holds sheets & tubes at 45°, 90° & 135° angles freeing up welder's hands. 1" thick.

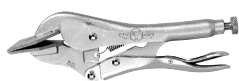
Stk.	Mfr.	Size	Price
409980	70715	4-3/16"H x 7-1/2"W	\$11.60
409981	70716	3-1/4"H x 4-3/4"W	\$6.34



Body Clamps

Jorgensen Industrial strength regular duty, deep-throat C-clamps. Black baked-enamel finish. ACME-style thread and long frame hubs for durability.

Stk.	Mfr.	Max. Opening	Throat	Price
191885	126	6"	3-7/8"	\$32.90
191887	128	8"	4-1/2"	\$48.90



The Original™ Locking Sheet Metal Tool Vise-Grip

Stk.	Mfr.	Length	Jaw Capacity	Price
619201	8R	8"	3-1/8"	\$17.90



Locking Sheet Metal Clamp

Crescent Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME standards.

Precisely machined ferrule for fine jaw adjustment. Compound action for powerful non-slip locking grip.

Stk.	Mfr.	Length	Jaw Capacity	Price
310636	C8SMV	8"	3/4"	\$20.40



Locking Sheet Metal Tool

Pony Tempered, hardened, drop-forged alloy steel. Precision jaws. Nickel finish.

Stk.	Mfr.	Length	Jaw Capacity	Price
193300	11-410	10"	1-1/2"	\$13.50



Locking Panel Clamp

Vise-Grip Designed to move in a straight-line motion to allow more access to work area for quick clamping and alignment of auto body panels. Ideally suited for automotive and welding applications.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619495	9AC	7"	3/8"	7/32"	\$23.10



The Original™ Locking C-Clamps

Vise-Grip Powerful locking mechanism. Jaws open wide. Guarded release helps keep work fast and safe. Adjusting screw gives exacting pressure. Locks work with the squeeze of 1

hand. Tough high-grade, heat-treated alloy steel.

Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619070	6R	6"	2-1/8"	1-1/2"	\$13.30
619402	11R	11"	4"	2-5/8"	\$19.00
619455	18R	18"	8"	9-1/2"	\$31.00
619492	18DR	18"	7-1/2"	9-1/2"	\$31.20

Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
618996	4SP	4"	1-5/8"	1-1/4"	\$13.10
619075	6SP	6"	2-1/8"	1-1/2"	\$12.70
619408	11SP	11"	4"	2-5/8"	\$20.50
619460	18SP	18"	8"	9-1/2"	\$28.60



The Original™ Locking Welding Clamp

Vise-Grip U-shaped for visibility & working space. Holds work in proper alignment.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619268	9R	9"	1-5/8"	2-3/4"	\$21.30



Locking C-Clamps

Crescent Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME

standards. Precisely machined ferrule for fine jaw adjustment. Powerful, non-slip compound locking grip allows easy positioning of workpiece.

Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310632	C6CCV	6"	2"	1-5/8"	\$14.60
310634	C11CCV	11"	4"	3-1/16"	\$22.20

Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310633	C6CCSV	6"	2-1/8"	1-1/2"	\$15.90
310635	C11CCSV	11"	4"	2-3/4"	\$24.10

Welding Clamp w/Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
310637	C9W	9"	1-1/2"	2-5/16"	\$24.80



Fast Release Locking C-Clamps

Vise-Grip Fast Release™ is 2x easier to open, has no-pinch release and offers more finger room. Wide opening jaws for greater clamping versatility. Turn screw to adjust pressure and fit work, stays adjusted for repetitive work. Dura-

ble high-grade, heat-treated alloy steel.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
619345	17T	6"	0 - 2-1/8"	1-1/2"	\$12.40
619462	19T	11"	0 - 3-1/8"	2-5/8"	\$20.90

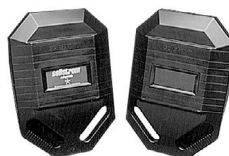


Welder's Pliers

CHANNEL LOCK Grips and draws out wire. Spring-loaded groove nose design for superior spatter removal. Precision machined, laser heat treated cutting edge. Easy installation and removal of tips, bushings and nozzles.

Stk.	Mfr.	Length	Price
301452	360	9"	\$32.40

PROTECTIVE EYEWEAR



Welding Handshields

sellstrom Designed for comfort and safety when used in either hand. Cover cap included for the unused hand hold opening to protect from sparks and infrared radiation. Offers quick filter plate replacement.

Includes 2" x 4-1/4", shade 10 and clear cover plates.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Lens	Price
772536	25000-10	Shade 10	\$17.70

**B5™**

sellstrom High-impact, adjustable frame. Clear anti-scratch UV-absorbing polycarbonate lens provide optical clarity for industrial work. For indoor/outdoor work in low light. Shade 5 IR

for welding, medium to heavy torch soldering, brazing and cutting operations.

Meets ANSI Z87.1+ standards. Provides 99.9% UV & shade 5 protection.

Quantity Savings!

Stk.	Mfr.	Frame	Lens	Qty.	Price	24 or more
772498	74701	Black	Clear	1	\$5.16	\$4.64
772499	74751	Black	Shade 5 IR	1	\$9.10	\$8.18

**Shade 5 Safety Glasses**

Miller Form-fitting glasses feature shade 5 Arc Armor™ reflective UV welding protection that enhances contrast and minimizes glare. Shat-

terproof polycarbonate lenses have anti-scratch coating. Soft foam protects eyes from dust and perspiration. Rubber ear pads.

Meets ANSI Z87.1-2003 standards.

Stk.	Mfr.	Frame	Lens	Qty.	Price
566240	235-657	Blue	Shade 5	1	\$13.70

**Lens Cover Goggle**

sellstrom Tough vinyl, flexible green PVC goggle is comfortable and well ventilated. 50mm lenses.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Vent	Lens	Price
772640	85250	Direct	Shade 5	\$10.40

**Odyssey® II Shade 5 Cutting Goggle**

sellstrom Ultra comfortable, soft black goggle body with soft flange on top/bottom for a secure, snug seal. Indirect vents on top/bottom protecting against liquids and dust while permit-

ting indirect ventilation. Easy-adjust cloth flame-retardant strap. Extra-wide peripheral vision. Fits over prescription eyewear.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Vent	Lens	Price
772729	80211	Indirect	Shade 5	\$19.50

**Lift front Plate Goggle**

sellstrom Flexible green PVC welding goggle with a hinged lift front for easy viewing of work. Replaceable 2" x 4-1/4" lift front lens. Uses standard size filter, cover, impact and magnifier plates.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Vent	Lens	Price
772633	85550X	Direct	Shade 5	\$12.50

**Plate Goggle**

sellstrom A tough, flexible green PVC goggle with good ventilation and a light-tight fit. Replaceable 2" x 4-1/4" lens. Uses standard size filter, cover, impact & magnifier plates.

Stk.	Mfr.	Vent	Lens	Qty.	Price
772639	85450X	Direct	Shade 5	1	\$11.60

Replacement Lens IR/PC polycarbonate welding lens.

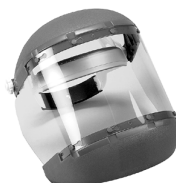
772559	16605		Shade 5		\$3.90
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**Bionic® Full Faceshield**

UVEX Tough, lightweight and balanced for all-day comfort. Highly adjustable, easily replaceable visor. Provides built-in chin protection and extended top-of-head coverage against chemical splash, welding, infrared radiation and airborne debris. Breathable, removable, washable headband. No metal parts. Clear uncoated visor.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Price
475120	S8500	\$26.40

**Chin Protection Faceshield**

sellstrom Durable faceshield features extra safety with top and bottom molded plastic caps. Drop-down ratchet headgear and 7" x 19" x .040" clear window are included.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772595	38110	Clear	7" x 19"	\$38.80

Replacement Window

772593	36000	Clear	7" x 19"	\$14.90
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**Fog Free Faceshield**

sellstrom Plastic crown and ratchet headgear with clear Sta-Clear fog free window. Easy-to-replace acetate faceshield is chemical splash resistant.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772575	39140	Clear	8" x 12"	\$31.30

Replacement Window

772591	35040	Clear	8" x 12"	\$12.40
772597	35140	Clear	8" x 16"	\$15.40

**Infra-Guard™ IR Shade 5 Faceshield**

sellstrom Excellent protection from infrared and ultraviolet rays with a wide viewing area. Includes plastic crown, ratchet headgear and 8" x 12" x .060" IR shade 5 window.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Window	Size	Price
772576	39150	IR Shade 5		\$42.80

Replacement Window

772594	35050	IR Shade 5	8" x 12"	\$16.50
772583	35150	IR Shade 5	8" x 12"	\$27.30

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.



Standard Faceshields

sellstrom Maximum comfort is available with either the Ratchet or Positive Lock style headgear. Ratchet adjusts with the turn of a knob while wearing the headgear. Positive Lock features 2 snap-in locking headgear straps that adjust independently to ensure a tight fit. Windows are .040" thick.

Meets ANSI Z87.1-2003+ High Impact Standards.

Positive Lock Headgear

Stk.	Mfr.	Item	Window	Size	Price
772641	39010	With Window	Clear	8" x 12"	\$21.00
772644	39000	W/out Window			\$14.60

Ratchet Headgear

772598	39110	With Window	Clear	8" x 12"	\$29.40
772596	39100	W/out Window			\$21.40

Replacement Window

772592	35020		Green	8" x 12"	\$8.90
772590	35000		Clear	8" x 12"	\$9.62
772496	35100		Clear	8" x 16"	\$12.70



Advantage™ 301 Faceshield

sellstrom Durable aluminum-bound polycarbonate faceshield for extreme impact strength. Comfortable, ratchet headgear with soft brow pad and gray ABS crown. Easy-to-replace clear, non-glare window measures 8" x 15-1/2" x .040".

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
772730	30110	Clear	8" x 15-1/2"	\$21.80

Replacement Window

772731	37600	Clear	8" x 15-1/2"	\$7.40
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Universal Windows

sellstrom Chemical-resistant polycarbonate offers outstanding durability, clarity and high-impact resistance. Acetate windows are an affordable option with a non-glare finish providing excellent clarity.

Universal hole pattern allows windows to fit the following faceshields: All-safe 5500SN & CP5004, Apex 8500, Bullard 1001 & 300/400, Crews 103, FibreMetal F501, F5400 & F6400, Huntsman Model K, Jackson 170 & 337, North 67300.

Meets ANSI Z87.1+ standards.

Stk.	Mfr.	Window	Size	Price
772493	37000	Clear Acetate	8" x 16" x .040"	\$10.10
772494	37040	Clear Fog-Free Acetate	8" x 16" x .040"	\$10.90
772495	37050	IR Shade 5 Acetate	8" x 16" x .060"	\$30.60

WELDING HELMETS



280 Traditional Style Series, Super Kool Helmet

sellstrom Lightweight, silver-coated nylon helmet is 30% cooler. Sheds spatter without burning. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

Requires lens, sold separately. Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Style	View Area	Price
772574	28311	Lift Front	2" x 4-1/2"	\$64.70

WELDING HELMETS

CAUTION: glasses or goggles must be worn whenever using welding helmets. Impact-resistant plates are not unbreakable & do not provide extraordinary protection against flying particles, splash, spray & spatter.



290 Super Slim Style Series

sellstrom Lightweight, silver-coated nylon helmet. Sheds spatter without burning. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

Requires lens, sold separately. Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Style	View Area	Price
772580	29311	Lift Front	2" x 4-1/4"	\$60.40
772582	29511	Fixed Front	2" x 4-1/4"	\$48.10
772606	29911	Fixed Front	4-1/2" x 5-1/4"	\$49.50



Super Tuff Black Nylon Helmet

sellstrom State-of-the-art performance in a traditional style helmet. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

Requires lens, sold separately.

Stk.	Mfr.	Style	View Area	Price
772609	28501	Fixed Front	2" x 4-1/4"	\$44.10



Titan Welding Helmet

sellstrom Balanced, ergonomically crafted and lightweight, helmet offers efficient, comfortable welding. Made of a durable, heat-resistant material with contours that redirect spatter away from cover plate and bib. Provides excellent ventilation and range of head movement.

- Accommodates standard half-mask respirator w/N95 filters

- Super tough thin shell reduces welder's neck stress & fatigue
- Built-in, adjustable magnifier holder
- Hard hat connection capabilities
- Smooth reduced helmet slam-down
- Increased visibility
- Front loading lens system
- Easy adjusting knobs

Requires lens, sold separately.

Stk.	Mfr.	Style	View Area	Price
772805	24401	Fixed Front	5-1/4" x 4-1/2"	\$56.60



Advantage Polyethylene Helmets

sellstrom Extended crown provides greater overhead protection. Rigid bib deflects welding spatter. Ideal for all welding applications and uses standard size filter, cover, impact and magnifier plates. Gray.

Requires lens, sold separately.

Includes clear plate.

Stk.	Mfr.	Style	View Area	Price
772801	23501	Fixed Front	2" x 4-1/4"	\$28.20
772802	23901	Fixed Front	4-1/2" x 5-1/4"	\$29.50

Helmet w/Lens Includes Striker Module Fixed Shade 10 Lens.

772532	23501-400	Fixed Front	2" x 4-1/4"	\$122.00
772533	23901-401	Fixed Front	4-1/2" x 5-1/4"	\$122.00



Arc Welding Helmet, Auto-Darkening

Forney Lens powered w/built-in lithium battery. Shade adjustable outside the helmet from #9 to #13.

- Darkening reaction time 2 milliseconds
- Ratchet-type headgear
- UV/IR protection

Meets ANSI Z87.1 Safety Standards.

Stk.	Mfr.	Style	View Area	Price
409925	55699	Fixed front	3-13/16" x 1-3/16"	\$121.00



SmartWeld Pro™ Auto-Darkening Welding Helmet

sellstrom Features solar powered, auto-darkening filter.

- Scratch proof, waterproof finish
- For all types of welding, plasma cutting & grinding
- Reaction time of less than 0.0003 seconds
- Auto-delay function prevents necessity of manual adjust for glare
- Solar technology makes it unnecessary to change internal battery
- Variable shade 8-12 adjustment settings
- 2-yr. mfr.'s warranty

Meets ANSI-Z87.1 & CSA-Z94.3 standards.

Stk.	Mfr.	Style	View Area	Price
772511	23000S	Fixed Front	100 mm x 54 mm	\$128.00



Trident™ Welding Helmet

sellstrom Solar-powered Impulse MagSense™ auto-darkening filter provides immediate, flicker-free protection against UV/IR, heat, sparks and spatter in light and dark states.

- Extended crown for overhead protection
- MagSense™ filter's optical & magnetic sensors also provide fail-safe, hands-free use for efficient, quality welding w/less fatigue
- Sleek, light, ergonomic design is ideal for all welding applications
- Quick-release ratchet headgear suspension allows adjustments in size & tightness w/the turn of a knob, to release, pull the knob
- Quality materials combine w/a stylish, colorful USA flag design
- Rigid bib deflects welding spatter
- 3-yr. mfr.'s warranty

Includes variable shade auto-darkening 9 - 13 lens & ratchet headgear.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Style	View Area	Price
772803	41200GL-611	Fixed Front	1.6" x 3.8"	\$260.00



Superglas® Welding Helmet

Fibre-Metal Equipped with Fibre-Metal®'s classic 3-C free floating headgear that balances and stabilizes the helmet while providing multiple adjustments for individual fit, feel and a better view of the work. Self-extinguishing, smooth helmets deflect sparks and spatter. Reinforced crown, throat and edges resist

cracking. Full size, curved bottom design accommodates OSHA required protective spectacles; respirators and hearing protection while blocking smoke and fumes. 24 sq. inches of unobstructed viewing area with Flash Barrier. Lens shade #10. Gray.

Stk.	Mfr.	Style	View Area	Price
475140	880GY	Fixed Front	4-1/2" x 5-1/4"	\$65.50

WELDING HELMETS

CAUTION: glasses or goggles must be worn whenever using welding helmets. Impact-resistant plates are not unbreakable & do not provide extraordinary protection against flying particles, splash, spray & spatter.



Galaxy Welding Helmet

sellstrom Light weight, black helmet provides maximum head, face and neck protection from sparks and spatter than most traditional welding helmet designs. Includes multi-adjustment ratchet headgear with sweat band for increased comfort. Impulse® Magsense™ auto-darkening filter is solar powered and includes optical

and magnetic detection sensors that provide a "Fail Safe" and no flickering performance.

Meets ANSI Z87.1 + High Impact standard.

Stk.	Mfr.	Style	View Area	Price
772675	41300-611	Fixed Front	1.6" x 3.8	\$231.00



Digital Pro-Hobby™ Series Welding Helmets

Miller Helmets ideal for light-duty applications.

- Digital controls for easy adjust mode & settings
- Headgear w/adjustability settings for fit & comfort
- 2 operating modes, weld (#8-13) & grind (light state #3.5)
- Sensitivity/delay control .10-1.0 sec
- 2 arc sensors for auto-darkening response (1/20,000 sec. lens speed)
- Auto-on/off power control triggers lens at the strike of an arc
- 20 Amp TIG rating
- 3-yr. mfr.'s warranty

Includes 2 lithium batteries.

Meets ANSI Z87.-2003 standard.

Stk.	Mfr.	Item	Style	View Area	Price
566258	256-166	Black	Fixed Front	1.57" x 3.85"	\$151.00
566260	256-169	Camouflage	Fixed Front	1.57" x 3.85"	\$168.00
566308	264-850	Stars & Stripes	Fixed Front	1.57" x 3.85"	\$168.00



Digital Performance™ Series Welding Helmets

Miller Mid-range helmets for all welding applications.

- Quick release cover lens for easy replacement
- Digital controls for easy adjust mode & settings
- Headgear w/adjustability settings for fit & comfort
- 3 operating modes, weld (#8-13), cut (#8-13) & grind (light state #3.5)
- 3 arc sensors for auto-darkening response (1/20,000 sec. lens speed)
- Auto-on/off power control triggers lens at the strike of an arc
- Sensitivity/delay control .10-1.0 sec.
- 5 Amp TIG rating
- 3-yr. mfr.'s warranty

Includes 2 lithium batteries, 5 outside cover lenses, 2 inside cover lenses & helmet bag.

Meets ANSI Z87.-2003 standard.

Stk.	Mfr.	Item	Style	View Area	Price
566255	256-159	Black	Fixed Front	1.85" x 3.85"	\$205.00
566257	256-163	Camouflage	Fixed Front	1.85" x 3.85"	\$222.00
566269	264-851	America's Eagle II	Fixed Front	1.85" x 3.85"	\$222.00



Headgear Ratchet

sellstrom Drop down ratchet headgear for all Sellstrom welding helmets.

Stk.	Mfr.	Price
772568	27001	\$24.30



Leather Beanies

Steiner Extra protection for your head from welding sparks. Made from split cowhide and sewn with Kevlar® thread.

Stk.	Mfr.	Size	Price
885198	12197	Medium	\$22.40
885199	12198	Large	\$22.40



Leather Welding Helmet Bib

sellstrom Protective leather welder's bib attached to the inside of most welding helmets to protect against sparks and splatter. Velcro dots provide a convenient and easy way to attach, adjust and remove bib. Provides protection from infrared and UV rays.

Stk.	Mfr.	Price
772540	21100	\$20.00



Impulse™ Auto Darkening Welding Filter

sellstrom Solar-powered protection for eyes and skin against UV/IR emissions, heat, sparks

and spatters while in both light and dark states. When striking an arc, filter automatically darkens providing hands-free use for more efficient welding with better quality and less fatigue.

- Switching speed up to 0.3 ms.
- Water resistant
- Solar powered w/dual sensors
- 3-yr. mfr.'s warranty

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	View Area	Overall Size	Shade	Price
772514	27600	1.4" x 3.4"	2.5" x 4.25" x .2"	Fixed Shade 10	\$134.00



Impulse MagSense™ Shade 9-13 Auto-Darkening Filter

sellstrom Auto-darkening optomagnetic detection system is the most fail-safe welding arc recognizing system in the world. Ideal where lighting issues, close proximity to other welders, smoke, or reflections render standard au-

to-darkening filters useless. Capability to detect the light and also magnetic waves that occur during welding.

- Optomagnetic sensors can be adjusted from 0 to 6' in range
 - No premature switching & flickering when arc is briefly obscured
 - Fail safe-absolutely no flickering
 - Variable 9-13 Shade
 - Solar powered with dual sensors
 - Switching Speed: Up to 0.1ms
- Fits most 4-1/2" x 5" or 5-1/4" x 4-1/2". Fits 90 x 110mm helmets.

Includes horizontal & vertical adapters.

Meets ANSI Z87.1 Standards.

Stk.	Mfr.	Price
772527	27611	\$192.00

Clear Glass Cover Plates

sellstrom Cover plates protect plates from pitting and scratching. Made of durable, heat resistant material.

Meets ANSI Z87.1 Standards + High Impact Standards

Clear Glass Cover Plate

Stk.	Mfr.	Size	Price
772500	19602	2" x 4-1/4"	\$1.98
772510	19604	4-1/2" x 5-1/4"	\$3.08

CR-39 Cover Plate Plates provide excellent scratch resistance & longer life.

Stk.	Mfr.	Size	Price
772504	19002	2" x 4-1/4"	\$1.50
772512	19004	4-1/2" x 5-1/4"	\$3.78

Sel-Snap™ Retainers

sellstrom

Stk.	Mfr.	Size	Price
772572	27101	2" x 4-1/4"	\$4.66
772573	27104	4-1/2" x 5-1/4"	\$5.36

Polycarbonate Welding Lenses for Helmets

sellstrom Polycarbonate is recognized for its outstanding impact strength and optical clarity. Impact resistant. Durable heat resistant material. Filter plates provide reliable protection against UV/IR emissions, heat, sparks and spatter.

IR/PC Plate

Stk.	Mfr.	Size	Shade	Price
772505	16610	2" x 4-1/4"	Shade 10	\$4.43
772513	16710	4-1/2" x 5-1/4"	Shade 10	\$11.00

Gold-coated Plate Ideal for intense welding operations, adding extra heat & light reflection.

Stk.	Mfr.	Size	Shade	Price
772561	18510	2" x 4-1/4"	Shade 10	\$14.80
772569	18710	4-1/2" x 5-1/4"	Shade 10	\$23.00

RESPIRATORS



Half-mask Respirators

3M Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical, chemical manufacturing, construction, transportation & electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

Meets NIOSH standard. 2 filters required for each mask, sold separately.

Stk.	Mfr.	Size	Qty.	Price
942682	6200	Medium	1	\$16.30
942683	6300	Large	1	\$16.30

Organic Vapor Cartridge Meets NIOSH 42 CFR Part 84 standard. 2 filters required for each mask.

942684	6001PBI-1		2	\$12.90
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Respirator Wipes

sellstrom Individually packaged wipes keep respirator safe & clean. Each easy-to-use nonalcohol towelette measures 5-1/4" x 7-1/2". Self-dispensing box can rest on counter or hang on wall.

Stk.	Mfr.	Qty.	Price
772529	22185	100	\$10.30

FUME EXTRACTORS



Filtair MWX Series Fume Extractors

Miller Powerful high volume system with a MERV 15 FilTek XL filter is ideal for fabrication shops, repair work and training centers where mobility is needed. Filters up to 95% of weld fume particulates.

- Easy-to-operate extraction arm adjustments so air can pass through w/less resistance
- Easy-read filter pressure gauge indicates when filter needs replacement

Overall size 31-3/4"W x 48"D x 34-3/4"H. 115V, 12.5 amps, 1 phase. Airflow 875 cfm. 70 dBA @ 5'.

Disposable Extractor Filter handles allow easy replacement of dirty filter cartridge with less mess & downtime. Weight 238 lbs.

Stk.	Mfr.	Item	Price
567120	951-507	7' arm	\$4,466.00
567121	951-508	10' arm	\$4,506.00
567122	951-509	12' arm	\$4,566.00
566315	300-539	Disposable Filter	\$510.00

Self-Cleaning Extractor 1 min. cleaning cycle. Handle-release disposal drawer for easy particle clean out. Weight 300 lbs.

Stk.	Mfr.	Item	Price
567123	951-510	7' arm	\$6,714.00
567124	951-511	10' arm	\$6,753.00
567125	951-512	12' arm	\$6,814.00
566316	300-540	Self-cleaning Filter	\$520.00



Mobile Fume Extractor

Ace Industrial For production welding, soldering, grinding and sanding. Designed for shop floor use with mobility to move from workstation to workstation.

- 950 cfm, high volume fume extraction & filtration capacity
- 10' extraction arm w/articulated joints designed to hold position for hands-free use
- High-capacity canister filter, 99.95% efficiency, w/on-board cleanable feature using standard shop air
- Wide mouth source capture hood

- Durable casters, 2 that swivel & lock for stability
- Heavy duty steel construction
- Built in spark trap for fire safety
- UL listed
- Filter status gauge
- 2-yr. mfr.'s warranty

Airflow 950 CFM. 75 dB. Overall size 33"L x 26"W x 59"H. Weight 360 lbs.

Includes canister filter.

Stk.	Mfr.	Volts	Phase	Price
199295	73-851	120	1	\$5,812.00

Portable Fume Extractor



Ace Industrial For maintenance and light duty TIG, MIG and stick welding and soldering. Designed for field and bench work, this unit is lightweight, portable and easy to use.

- 226 cfm high vacuum fume extraction & filtering capacity
- Features 99.95% efficiency cleanable canister filter
- Built-in spark trap for fire safety
- LED filter status light alerts operator to change filter
- Magnetic support base for hands-free operation
- Heavy duty steel cabinet will withstand rugged daily use
- UL Listed
- 2-yr. mfr.'s limited warranty

85 dB. Overall size 24"L x 12"W x 12"H. Weight 50 lbs.

Includes 10' of flexible extraction hose, 28" flexible steel extraction tube with 12" slot nozzle & magnetic base, LED filter status light & carry handle.

Stk.	Mfr.	Volts	Amps	Phase	Price
199292	73-250	120	14	1	\$1,775.00

Ambient Air Cleaners



Ace Industrial For general shop air cleaning and to supplement source capture methods. Also effective for general air cleaning where source capture is not a practical solution.

- 1800 cfm high volume ambient fume extraction & filtration capacity
- Designed to supplement existing source capture equipment to clean & recirculate shop air
- 18 filtering combinations for varying types of work applications
- Powerful, totally enclosed, permanently lubricated motor ensures long life
- Wide mouth inlets continually capture large quantities of dirty air
- Adjustable return air grills recirculate fresh, clean air into the work area
- Heavy duty all steel construction ensures long product life in rugged work areas
- 2-yr. mfr.'s warranty

120V, 3/4 HP, 1 Phase. Airflow 1,800 CFM. 71 dB. Air inlet 24" x 24" Air Outlet 11" x 9". Size 45.25"L x 23.75"W x 23.75"H. Weight 180 lbs.

Includes 1 main pre-filter & 1 main filter for general welding.

Ambient Air Cleaner

Stk.	Mfr.	Item	Price
199304	74-1800A	With Welding Filter	\$2,703.00
199305	74-1800W	With Grinding Filter	\$2,703.00

Filters

Stk.	Mfr.	Item	Price
199327	91-980	Main Filter for 74-1800A	\$150.00
199328	91-982	Main Filter for 74-1800W	\$122.00
199330	91-984	Pre-Filter for 74-1800A & 74-1800W	\$49.20

BENCHES, BOOTHS & CURTAINS



Soldering Work Benches

Pucel Bench constructed of 12 gauge steel tops and legs, 16 gauge stringers and shelves, plus feature side and back stops. Top, stringer and legs are reinforced for extra strength. 3,000 lb. capacity.

Stk.	Mfr.	Overall Size	Shelf Depth	Price
683810	BS-2848	48"W x 28"D x 32-1/2"H	15-1/4"	\$512.00
683811	BS-2860	60"W x 28"D x 32-1/2"H	15-1/4"	\$575.00
683812	BS-3448	48"W x 34"D x 32-1/2"H	15-1/4"	\$564.00
683813	BS-3460	60"W x 34"D x 32-1/2"H	15-1/4"	\$640.00

“ Need a competitive bid or help with a large project? ”

Al Ryan ext. 3130
aryan@midwesttechnology.com



ArcStations

Miller All-in-1 steel workstations are specially-made for welding and metalworking. Affordable units offer 2 lengths to meet space requirements. Solid steel tops in 3/16" T plain or 3/8" T X-pattern.

- Steel 1/8" frame w/crossbar for added stability

- Sturdy pre-welded legs topped w/removable steel caps
 - Adjustable leveling feet
 - Shelf storage
 - Powder-coated finish
- Overall size 35"H.

29" x 29" Stations 360° access.

Stk.	Mfr.	Item	Price
567090	951-167	3/16" T Plain Top	\$392.00
567091	951-168	3/8" T X-pattern Top w/Dust Tray	\$496.00

29" x 58" Stations Two 29" x 29" combine for more work space.

Stk.	Mfr.	Item	Price
567092	951-169	3/16" T Plain Top	\$681.00
567093	951-170	Combo Tabletops	\$821.00

Tool Chest 2 drawers for storing welding tools & consumables.

566319	300-610		\$274.00
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Vise Kit Includes 5" vise & quick-remove Vise Mount.

566320	300-611		\$196.00
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Vise Mount Quick-remove mount holds 5" vise to ArcStation.

566321	300-612		\$36.00
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X-Clamp 6" clamp for use w/X-pattern table top.

566322	300-613		\$57.60
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Universal Arc Welding Booths

KEI Easy-install free standing corner booths of 18 ga. steel with locking metal fittings. Consists of 3 equal panels (*front panel w/doorway*) and steel work shelf (18" x 48"). OSHA approved curtain. Hardware included. Green. USA made.

Overall size 76"H. Door opening 30"W.

Shown with Booth & Add-on Unit.

48" x 48"

Stk.	Mfr.	Item	Price
493800	8160	Booth, 4-Sided	\$1,522.00
493802	8170	Add-on Unit, 3-Sided	\$1,218.00

60" x 60"

Stk.	Mfr.	Item	Price
493805	8180	Booth, 4-Sided	\$2,060.00
493806	8190	Add-on Unit, 3-Sided	\$1,746.00



All-Steel Arc Welding Benches

Pucel Top working surface is made of 12 ga. steel. Available with window-type, glare-proof shield for instructional purposes, or with solid shield. Drawer is supplied on both models. Gray.

Bench size 36"L x 36"D x 34"H. 34" from table top to top of shield.

Stk.	Mfr.	Item	Price
683938	AW3636-S-DR	Solid Shields	\$640.00
684005	AW3636-WS-DR	See-thru Shields	\$743.00



Arc Welding Benches

Pucel Built for rugged service. The 12 gauge top has side and backstops. Legs are double formed, embossed 14 gauge steel. Shelf is divided into three equal sections for the storage of welding rods. Gray.

Size 36"L x 36"D x 34"H. Weight 140 lbs.

Stk.	Mfr.	Item	Price
683930	AW3636-DR	Bench Only	\$533.00
683932	AW3636	Bench w/Drawer	\$493.00



Gas Welding Benches

Pucel Heavy-gauge steel bench features a shelf for rod storage. Gray.

Overall size 36"W x 36"D x 34"H.

Requires 32 firebricks, sold separately.

Stk.	Mfr.	Item	Price
683871	GW3636	Bench	\$403.00
683670	1416-1	Drawer	\$75.60

Firebricks 2-1/2" x 4-1/2" x 9". 32/pkg.

Stk.	Mfr.	Item	Price
209955	1812		\$248.00



4-Station Gas Welding Table

Greene All-welded construction of heavy 3/16" thick steel, gray.

- Gas distribution tower meets safety regulations
- Fully grouted firebrick work surface
- 4 torch holders
- Floor anchor pads
- USA made

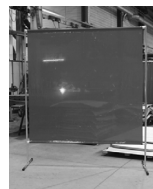
Table size 50"W x 50"D x 34"H. Side shield 24"H.

Table Only Includes two 1/2" ball valves & two 1-way check valves on tower inlet.

Stk.	Mfr.	Price
433640	GOA-4	\$3,503.00

Table w/Welding Package Includes two 1/2" ball valves & two 1-way check valves on tower inlet, plus oxygen & acetylene regulators, 12' hose, welding torch, goggles, striker, cutting tip, 3 welding tips (#0, #2, #4) & cutting attachment.

Stk.	Mfr.	Price
433644	GOA-4.WP	\$7,823.00



Cepro® Gazelle Welding Curtain & Frame Kit

sellstrom Protects welder against reflected welding light. 6.5'W x 6'H frame. 6' x 6', 14 mil. transparent vinyl curtain.

- Easy to assemble
- 1" x .04" zinc plated pipe interconnected w/strong bolt fixings

• Transparent welding curtain for good visibility of the work area

Includes four 2' dia. rubber swivel casters, two w/brakes.

Stk.	Mfr.	Item	Price
772657	97240-1	Orange Curtain	\$130.00
772658	97240-3	Green Curtain	\$132.00



Safety Welding Curtains

Steiner 14 mil. flame-retardant, tinted transparent vinyl provides protection from harmful UV rays and sparks for the viewer or passerby. Blocks most of the UV radiation, reduces the visible flash, and allows light into the work area. Flame resistant and meets CFM requirements.

- 3/8" I.D. brass grommets placed on all 4-sides at approx. 12" centers
- Actual size varies to 3" in H & W to allow for seams & hems.

Warning: Curtains are not used as a replacement for a welding helmet or filter plate, but as transmission protection for the casual observation.

Stk.	Mfr.	Color	Size	Price
885321	33346	Green	4' x 6'	\$36.40
885323	33366	Green	6' x 6'	\$31.00
885324	33386	Green	6' x 8'	\$38.80
885320	33306	Green	6' x 10'	\$49.90
885316	33388	Green	8' x 8'	\$97.10
885326	33846	Orange	4' x 6'	\$36.40
885328	33866	Orange	6' x 6'	\$31.00
885329	33886	Orange	6' x 8'	\$38.80
885325	33806	Orange	6' x 10'	\$49.90
885318	33888	Orange	8' x 8'	\$97.10

Adjustable Welding Curtain Frame

sellstrom Adjusts to 5'x5', 5'x6', 6'x4' & 6'x6'. Easy-to-assemble 7/8" O.D. galvanized steel pipe & fittings. Anti-skid legs.

Stk.	Mfr.	Price
772737	97230	\$304.00

Welding Curtain Metal Hooks

Steiner Hang welding curtains from cable or pipe frame.

Stk.	Mfr.	Item	Price
885340	41000	2" hooks, 10/pkg.	\$11.60

WELDING CLOTHING



Welding Supply Package Midwest

Includes cotton welding jacket, large, work/welding gloves, welding blanket, 5' x 7', bib-style leather apron, welding helmet,

cotton welding cap, safety glasses, 19" tool bag w/20 tool pouches, adjustable welding curtain frame, welding curtain, 6' x 6' & face shield w/window.

Stk.	Mfr.	Price
558500	MW-WSP	\$629.00



Welder's Protection Starter Pack

Miller Arc Armor® premium welding protection for the hobbyist to the professional welder.

Includes variable shade auto-darkening helmet, 9 oz. flame resistant cotton navy welding jacket, MIG welding gloves, metalworking gloves, 20-pocket tool bag & safety glasses.

Stk.	Mfr.	Size	Price
566266	255-848	Large	\$197.00
566267	255-850	X-Large	\$197.00
566268	255-851	2X-Large	\$213.00



Kevlar Bib Apron

Steiner Made from a blend of Kevlar® and fiberglass, this apron resists heat up to 600°F. Abrasion and cut resistant.

Stk.	Mfr.	Size	Price
885205	18425	24"W x 39"L	\$76.40



Kevlar Sleeves

Steiner Made from a blend of Kevlar® and fiberglass, sleeves resist heat up to 600°F. Abrasion and cut resistant. Sleeves protect up to the mid-biceps muscle and snaps at the wrist.

Stk.	Mfr.	Size	Price
885207	18440	18"L	\$56.90



Weldmite™ Cotton Bib Aprons

Steiner A protective clothing option that is lighter and more comfortable than leather for applications not requiring leather. Made from 12 oz. permanently flame retardant fabric, the 100% cotton will retain its flame retardant properties even after repeat washings. These bucktan garments are sewn from full-cut patterns and offer adjustable neck and waist straps.

Stk.	Mfr.	Size	Price
885125	10125	24" x 36"	\$14.10
885126	10126	24" x 40"	\$15.40



Weldlite™ Flame Retardant Clothing

Steiner 9 oz. cotton clothing is permanently flame retardant without taking away from its natural qualities. It's cooler and lighter than leather. Ideal for indoor or warm weather use. Stress points are bar tacked for greater strength. Green color.

885132
885136 &
885139
(right)

Jackets 30"L jacket has inside chest pocket and non-reflective snap closure and snaps at wrist.

Stk.	Mfr.	Size	Price
885132	1030-M	Medium	\$24.20
885133	1030-L	Large	\$24.20
885134	1030-X	X-large	\$24.20
885131	1030-2X	2X-large	\$26.60

Cape Sleeves & Bib Arm & upper torso protection. Non-reflective snap closure & wrist snaps. Detachable bib for added protection, sold separately.

Stk.	Mfr.	Size	Price
885136	1032-M	Medium	\$18.90
885137	1032-L	Large	\$18.90
885138	1032-X	X-Large	\$18.90
885144	1032-2X	2X-Large	\$20.80
885135	10315	Bib, 19"L	\$6.37

Split Leg Apron Protection w/freedom of movement. Reinforced crotch & adjustable waist, neck & leg straps.

Stk.	Mfr.	Size	Price
885139	10336	24"W x 40"L	\$15.90



Leather Cape Sleeves w/Bib

Steiner USA domestic side split cowhide cape sleeves with 14"L bib. Double lock stitched Kevlar® sewn seams. Riveted at stress points with non-reflective black snaps at collar, front closures and wrist. Stand-up/roll down leather collar snaps securely in place.

Stk.	Mfr.	Size	Price
885140	1212-M	Medium	\$174.00
885141	1212-L	Large	\$174.00
885142	1212-X	X-large	\$174.00
885143	1212-2X	2X-large	\$186.00



Leather Leggings with Spats

Steiner Protect your lower legs and shoes with 12" leather leggings featuring a hook and loop fastener to hold leggings in place and 9" leather shoe protector.

Stk.	Mfr.	Price
885195	12186	\$65.60



Leather Spats

Steiner Full protection for foot and ankle. 5"H spats fasten by 3 adjustable straps on the ankle and 1 on the instep.

Stk.	Mfr.	Price
885194	12185	\$23.60



Weld-Rite™ Leather Jackets

Steiner Weld-Cool™ side split cowhide jackets feature underarm ventilation and riveted open seam upper back to increase air circulation and provide cool comfort in warm environments. Strong, flexible leather resists cuts, sparks and slag. Reinforced, non-reflective snaps and Kevlar® stitched seams. Satin lined shoulders and upper arm. Stand-up/roll down leather collar snaps securely in place to protect neck. Adjustable waist cinch straps for comfortable tapered fit.

Adjustable waist cinch straps for comfortable tapered fit.

Soap stone holder on each upper arm.

26"L

Stk.	Mfr.	Size	Price
885400	9214-M	Medium	\$93.10
885401	9214-L	Large	\$93.10
885402	9214-X	X-large	\$93.10
885403	9214-2X	2X-large	\$103.00

30"L

Stk.	Mfr.	Size	Price
885405	9215-M	Medium	\$98.70
885406	9215-L	Large	\$98.70
885407	9215-X	X-large	\$98.70
885408	9215-2X	2X-Large	\$109.00

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Weld-Rite™ Leather Cape Sleeves & Bib

Steiner Protect shoulders, arms, neck, and upper body, while the back is left open to maximize ventilation and movement. Snap front closure, wrist, collar and bib attachment. Sewn with Kevlar® thread. Weltded shoulder and arm seams with rivet reinforced stress points.

Bib shown with cape sleeves, sold separately.

Cape Sleeves

Stk.	Mfr.	Size	Price
885370	9210-M	Medium	\$64.70
885371	9210-L	Large	\$64.70
885372	9210-X	X-Large	\$64.70
885373	9210-2X	2X-Large	\$71.20

Detachable Bib

885378	92115	19"L	\$20.60
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Weld-Rite™ Leather Aprons

Steiner Quality crafted from premium side split cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle.

885410 885412 885415

Waist Apron

Stk.	Mfr.	Size	Price
885410	92160	24"W x 24"L	\$25.30

Bib-Style Apron 2-compartment chest pocket.

885412	92165	24"W x 36"L	\$37.80
885413	92166	24"W x 42"L	\$44.90

Split-leg Apron Adjustable leg straps.

885415	92171	24"W x 42"L	\$52.80
885416	92172	24"W x 48"L	\$57.10



Weld-Rite™ Leather Sleeves

Steiner Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather strap on upper arm/shoulder and rivet reinforced seams and stress points.

18"L Protects up to the mid-bicep, snaps at wrist.

Stk.	Mfr.	Qty.	Price
885419	92180	2	\$26.20

23"L Adjustable neck strap, snaps at wrist.

885420	92181	2	\$37.20
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WELDING GLOVES



Cowhide Welding Gloves

Steiner Heat Resistor™ triple layer lined side split cowhide gloves. Aluminized Mylar® inner layer reflects radiant heat off back of hand. Wing thumb with double reinforced palm and

thumb. Kevlar® sewn.

Stk.	Mfr.	Size	Price
885045	02139	Large	\$18.40



Red Welding Gloves

Steiner Red side split cowhide gloves with foam insulated back and palm with full cotton lining. Straight thumb with reinforced thumb and palm. Kevlar® sewn.

Stk.	Mfr.	Size	Price
885090	02719	Large	\$15.90



Foam-lined Welding Gloves

Steiner Brown side split cowhide gloves with foam insulated full cotton lining. Reinforced wing thumb. Fully welted and Kevlar® sewn.

Stk.	Mfr.	Size	Price
885220	2119B	Large	\$15.00



Economy Welding Gloves

Steiner Gray shoulder split cowhide gloves with full cotton lining. Fully welted.

Stk.	Mfr.	Size	Price
885050	02209	Large	\$9.57



Natural Thumb™ Welding Gloves

Steiner Green premium grade side split cowhide gloves with triple layer insulated Heat Resistor™ lined back, foam insulated palm. Natural thumb design reduces fatigue. Reinforced thumb and palm patch. Fully welted and Kevlar® sewn. Green.

Stk.	Mfr.	Size	Price
885016	023NT	Large	\$22.40



Premium-grain Pigskin MIG Gloves

Steiner Premium grain pigskin with reverse grain pigskin palm. Fully welted gloves with foam insulated back, unlined palm, straight thumb, reinforced thumb strap and 5" cuff.

Stk.	Mfr.	Size	Price
885010	P750M	Medium	\$17.10
885011	P750L	Large	\$17.10
885012	P750XL	X-large	\$17.10



MIG Welding Gloves

Miller Select-grade leather with unprecedented comfort and performance. Lined gloves with dual padded palm for added comfort. Fleece insulated palm, foam insulated back. Original wrap-around keystone thumb design for exceptional dexterity and comfort.

Stk.	Mfr.	Size	Price
566263	263-333	Large	\$36.00



Premium TIG Welding Gloves

Miller Premium goat grain leather. Completely unlined for superior flexibility and dexterity. Triple padded palm for added comfort. Sewn w/100% flame-resistant Kevlar® thread for maximum seam strength.

Stk.	Mfr.	Size	Price
566264	263-348	Large	\$36.00



Split Deerskin TIG Gloves

Steiner Unlined split deerskin gloves with straight thumb and 2" cuff. Kevlar® stitched.

Stk.	Mfr.	Size	Price
885025	0221L	Large	\$13.40

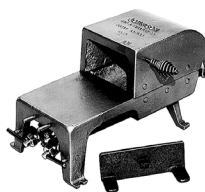


TIG Welding Gloves

Steiner Unlined, Kevlar®-stitched sheepskin gloves. Sensi-TIG™ seamless index finger and straight thumb. 4" gray cuff.

Stk.	Mfr.	Size	Price
885027	0223M	Medium	\$17.10
885028	0223L	Large	\$17.10
885029	0223XL	X-large	\$17.10

FOUNDRY TOOLS & SUPPLIES



Bench Soldering Furnace No. 101

Johnson Mfg. A powerful, efficient and economical bench furnace made for heating soldering coppers up to 12 lbs. per pair, heat-treating, tempering, annealing or case-hardening any carbon steel tools or small metal parts such as dies, taps, reamers, chisels, gears, etc. No blower is

needed, which eliminates use of a muffle. Equipped with shut-off valve and pilot light. Firebox forms a rest and protects points of coppers. Johnson patented, curved shaped hood forces return blast over parts being treated. A baffle plate, which partly closes front of furnace, is furnished. Hood and bottom lined with heavy refractory.

Unit size 14"L x 7-3/8"H. Firebox 3-3/4" x 4-1/2" x 5-1/2".

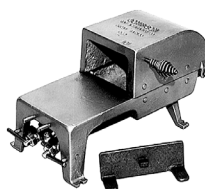
Firebox opening 4-1/2" x 2-3/4". Gas connect pipe size 3/8". Burners 2.

Gas consumed 26,000 BTU per hour per burner.

Stk.	Mfr.	Price
486134	101	\$905.00

Complete Relining Kit for 101

Stk.	Mfr.	Price
486201	101-20	\$292.00



Bench Soldering Furnace No. 112

Johnson Mfg. Equipped with 2 powerful Johnson Bunsen Burners, each with shut-off valve and pilot light. Designed to heat soldering coppers up to 12 lbs. per pair. Can also be used for heat-treating small carbon steel tools. Firebrick lined base. Shelf in rear of firebox forms rest for soldering coppers

and protects points. Curved shaped hood forces return blast over top of parts being treated.

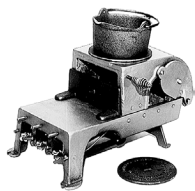
Unit size 14"L x 7-3/8"H. Firebox 3-3/4" x 4-1/2" x 5-1/2".

Firebox opening 4-1/2" x 2-3/4". Gas connect pipe size 3/8". Burners 2.

Gas consumed 26,000 BTU per hour per burner.

Stk.	Mfr.	Price
486268	112	\$870.00

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Combination Bench Furnace No. 118

Johnson Mfg. An efficient furnace for all-around shop use. For heating soldering coppers or stenciling irons; also for tempering, heat-treating, annealing, case-hardening or soft metal melting. Shelf in rear of firebox forms rest and protects points of soldering coppers. Patented, curved shaped hood forces

return blast over tops of irons or parts being treated. Firebox lined with refractory. Baffle plate retains heat and maintains even temperature. Heat long rods by opening side doors in hood. Equipped with 22 lb. capacity melting pot for melting small quantities of soft metal, like lead, babbitt, etc.

Unit size 16"L x 9-1/2"H. Firebox 6-1/4" x 5" x 6-1/2".

Firebox opening 4" x 6". Gas connect pipe size 3/8". Burners 3.

Gas consumed 39,000 BTU per hour per burner.

Stk.	Mfr.	Price
486335	118	\$1,253.00

Complete Relining Kit

486469	118-10	\$448.00
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Melting Pot

486402	118-4	\$161.00
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Soldering Coppers & Handle

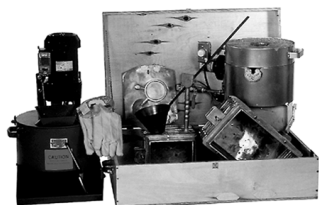
Johnson Level Genuine drop-forged coppers for high-level heat retention. Use copper w/wood handle.

Handle Medium. 1/pkg.

Stk.	Mfr.	Price
490021	303-03M	\$9.45

Pointer Coppers 2 lbs., 2/set

490020	300-02	\$97.00
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Basic Foundry Package C

Mini-Mite Complete casting system with all equipment and supplies required for pouring.

Includes

- Model F-3 Melting Furnace
- upset (2" for 8" x 8" flask)
- upset (2" for 8" x 14" flask)
- rammer (aluminum)
- sprue cutter (brass, 1" x 6")
- 319 aluminum alloy (50 lbs.)
- Model M-2 Sand Muller
- ladle (mild steel, 4 lbs. aluminum cap)
- riddle (No. 8 mesh)
- Petrobond™ sand (200 lbs.)
- non-silica dry parting aluminum powder (5 lbs.)
- flask & bottom plate (8" x 8" aluminum, 3" cope, 3" drag)
- flask & bottom plate (8" x 14" aluminum, 3" cope, 3" drag)
- match plate (aluminum for 8" x 8" flask, hamburger ring w/handle)
- demonstration & storage box (2' x 3' x 10-1/2")
- plus gate cutter, shovel, strike-off bar, gloves, goggles & manual

Stk.	Mfr.	Price
794214	C	\$7,440.00

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Portable Reverberatory Tilt-Type Melting Furnace

Mini-Mite Reverberatory tilt-type design allows up to 15 lbs. of aluminum to be melted by direct flame on refractory surface. No crucibles required. Portable and lightweight. VS control on blower motor for infinite control over

blower flame, correct air to gas mixture and temperature range. Thermo-couple gas shut-off system operates on natural or bottle gas.

Unit size 20"L x 19"W x 17"H. Unit weight 80 lbs. Capacity 15 lbs.

Gas connect pipe size 1". Burners 1. Gas consumed 150,000 BTU.

Stk.	Mfr.	Price
794209	F-3	\$1,938.00



Foundry Molder's Benches

McEnglevan All-steel construction benches with hinged covers. Front door removes for storage within the lid, and also serves as complete tool kit(s) rack and storage area.

Unit size 30"D x 30"H (working height 25").

Includes 4 heavy-duty casters (2 swivel, 2 rigid) & detachable work shelves.

Single Workstation

Stk.	Mfr.	Item	Price
531405	MB-1	30"W, 225 sand capacity, 1 tool storage kit.	\$1,844.00

Single Workstation 14-Piece Kit **Includes** M-5 Tool Kit (1-1/4" x 5" round point trowel, 1" gate cutter & spoon, 1" slick & oval, 1" slick & square, 3/8" x 14" lifter), 24" strike-off bar, aluminum bench rammer, molder's bellows, square point molder's shovel (10" x 12"), bulb sponge (8 oz.), 2 hand riddles (18", 1 w/#8 mesh & 1 w/#4 mesh), plus 5/8" tapered sprue cutter & 10 lb. box of parting dust & bags.

531407	MKB-1	\$632.00
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Dual Workstation **Includes** extra wheel for center support.

531406	MB-2	60"W, 450 sand capacity, 2 tool storage kits.	\$3,324.00
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Dual Workstation 20-Piece Kit **Includes** 2 M-5 Tool Kits (1-1/4" x 5" round point trowel, 1" gate cutter & spoon, 1" slick & oval, 1" slick & square, 3/8" x 14" lifter), 3 hand riddles (18", 2 ea. w/#8 mesh & 1 w/#4 mesh), 2 aluminum bench rammers, 2 molder's bellows, 2 square point molder's shovels (10" x 12"), 2 bulb sponges (8 oz.), 24" strike-off bar, two 5/8" tapered sprue cutters & 10 lb. box of parting dust & bags.

531408	MKB-2	\$1,084.00
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Sand Muller

Mini-Mite Recondition molding sand in less than 3 minutes rather than using new sand. Easy-to-use unit will mull molding sand, including oil base and core mixture. A must when preparing sand, particularly oil base such as Petrobond™, for high-quality castings.

- Direct-connected gearhead motor for durability & safety

- Portable, lightweight cast aluminum construction

Unit size 20"L x 19"W x 29"H. Unit weight 100 lbs.

Capacity 25 lbs. Aerator speed. Gear reduction drive.

1/2 HP, 110V, 60 cycle 1 phase motor.

Stk.	Mfr.	Price
794205	M-2	\$3,488.00

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**Graphite Crucibles
Bay State**

Top Pour

Stk.	Mfr.	Height	Bilge Dia.	Price
231000	1	3-5/8"	3-1/8"	\$53.10
231134	2	4-1/2"	3-11/16"	\$53.10
231268	3	5-3/8"	4-1/8"	\$53.10
231402	4	5-3/4"	4-9/16"	\$59.20
231536	6	6-1/2"	5-1/4"	\$81.60
231670	8	7-1/8"	5-7/8"	\$98.00
231804	10	8-1/16"	6-9/16"	\$124.00
231938	16	9-1/4"	7-1/2"	\$141.00
232072	20	10-5/16"	8-3/8"	\$160.00
232206	30	11-1/2"	9-5/16"	\$196.00

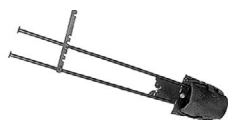
Bottom Pour

Stk.	Mfr.	Height	Bilge Dia.	Price
231871	10BP	8-1/16"	6-9/16"	\$166.00
232005	16BP	9-1/4"	7-1/2"	\$219.00

Silicon Carbide Crucible Block

McEnglevan 6" x 2" block for No. 10 and 16 crucibles.

Stk.	Mfr.	Price
531149	008241	\$90.90



531282



531278

**Crucible
Tongs
McEnglevan**

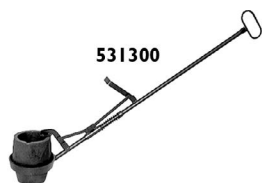
Shown w/Crucible, sold separately.

Plain Locking latch bar.

Stk.	Mfr.	Crucible Size	Price
531282	10P	10	\$270.00
531324	16P	16	\$293.00

Bent Handle Handle bent 90°, rings engage hoist.

Stk.	Mfr.	Crucible Size	Price
531278	10B	10	\$317.00
531320	16B	16	\$320.00
531345	20B	20	\$330.00
531370	30B	30	\$386.00



531300



531450

Safety Crucible Shank Tongs

McEnglevan

Shown w/crucible, sold separately.

Stk.	Mfr.	Item	Crucible Size	Price
531300	S10H	Hand Safety Shank	10	\$284.00
531340	S16H	Hand Safety Shank	16	\$312.00
531450	S116SE	Single-End Safety Shank	10 & 16	\$411.00
531465	S230SE	Single-End Safety Shank	20 & 30	\$424.00



531400

531401

Molder's Sets

McEnglevan

5-Piece Set Includes 1" x 5" round point trowel, 1" gate cutter & spoon, 1" slick & oval, 1" slick & square & 3/8" x 14" lifter.

Stk.	Mfr.	Price
531400	M-5	\$159.00

9-Piece Set Includes 1-1/4" x 5" square trowel, 1" gate cutter & spoon, 1" slick & oval, 1" slick & square, 1-1/4" x 5" round point trowel, 1" heart & leaf, 1" taper & leaf, 3/8" x 14" lifter & 3-3/4" x 14" bench rammer.

Stk.	Mfr.	Price
531401	M-9	\$368.00

Non-Silica Parting Powder

M.A. Bell

Stk.	Mfr.	Size	Price
236000	EPP	5 lbs.	\$15.00

Refractory Material

McEnglevan A fine grained, chemically bonded, air setting trowel mix with outstanding hot strength. Has troweling consistency and blue color identification. Water can be added to produce any desired consistency. Used to patch and repair fire brick and furnace lining material. With water added for a thinner consistency, can be used to seal and coat furnace lining material for maximum heating efficiency.

Stk.	Mfr.	Size	Price
531148	008172	20 lbs.	\$95.80

Petrobond Sand

Kroeger For foundry purposes without the use of water. Mix consists of a mulled mixture of fine sand, Petrobond, oil and a small amount of catalyst. Produces a finish to your castings that far exceeds that produced when using Albany sand. Mixed with oil.

Stk.	Mfr.	Size	Price
794201	PBS50	50 lbs.	\$92.40

Firebricks

Sioux City Brick



Firebricks 2-1/2" x 4-1/2" x 9". 32/pkg.

Stk.	Mfr.	Price
209955	1812	\$248.00

19" Bellows

Panacea Chrome-tip 19" bellows for school molders. Made of hardwood boards and a combination of leather and vinyl with leather. Secured with tacks.



Stk.	Mfr.	Price
943204	15312	\$18.30



Aluminum Flasks

Kroeger Heavy-duty flask consisting of 8 individual castings that are bolted together. Flask comes with a 2" upset that can be put on the cope or drag. 3" cope. 3" drag.

Includes aluminum bottom board.

Stk.	Mfr.	Size	Price
794203	FLSK8X8	8" x 8"	\$152.00
794204	FLSK8X12	12" x 12"	\$190.00

Aluminum Ingots

Kroeger Aluminum Alloy 319 is favored for casting, welding, pressure tightness and moderate strength. Contains copper and silicon, polishes well, giving good silver appearance. Not seriously affected by impurities.

Stk.	Mfr.	Size	Price
533000	319-1LB	1 lb.	\$6.00
533001	319-50LB	50 lbs.	\$250.00



Molder's Shovel

Rigid Solid shank tool. 14 ga. - 9-3/4" x 12" sq. point blade with 27" long D-handle. Lac-

quered ash handle, double riveted to blade socket.

Stk.	Mfr.	Price
692630	52315	\$60.30



Ingot Molds

McEnglevan Metal molds used to form ingots from extra molten metal remaining in crucible or for pigging cleaned scrap and remelt metal into ingots for storage.

Ingot dimensions are approximate since molds are tapered.

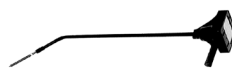
Stk.	Mfr.	Ingot Size	Overall Size	Price
531270	6	6" x 3-1/2" x 1-1/2"	9" x 12"	\$174.00
531310	12	10-3/4" x 3-1/2" x 1-1/2"	11" x 14"	\$219.00



Bench Rammer

Wood Crafters Hard maple.

Stk.	Mfr.	Size	Price
475000	6012	3-1/2" x 14"	\$28.40



Portable Hand Lance Pyrometer

McEnglevan Model MT-400 uses an enclosed probe to sense the temperatures of a variety of nonferrous molten metals. The rugged

temperature compensated meter movement is accurate within .05% of the meter scale. Dual Fahrenheit-Centigrade scale with a 0-2,350°F and a 0-1,300°C temperature range. Designed for quick, simple meter replacement, reducing downtime. 36" lance and 8" protected marshall tip.

Stk.	Mfr.	Price
531490	030864	\$400.00



Digital Portable Hand Lance Pyrometer

McEnglevan Model MD-250 pyrometer is controlled by an on-off toggle switch on the instrument face and is powered by a single 9V battery. Meter displays temperature with 3/8" LED digits. Accurate within 0.5%. 0-2,350°F temperature range. Meter indicates when tip needs replacing.

36" lance and 12" protected marshall tip.

Stk.	Mfr.	Price
531156	030867	\$497.00



Foundry Riddles

Holland Mfg. Heavy galvanized wire with HMC plastic rim. Built for everyday foundry use. Dia. is 18". No. 4 mesh (16 holes per sq. in.) and 8 mesh (64 holes per sq. in.).

Stk.	Mfr.	Item	Price
833068	RI18-4	4 Mesh	\$68.00
833069	RI18-8	8 Mesh	\$68.00



Z-Flex Plus™ Treated Fiberglass High Heat Gloves

Steiner 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

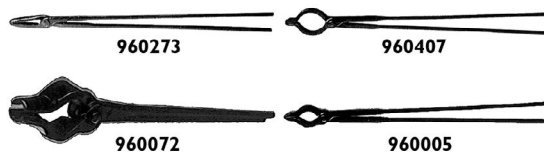
Stk.	Mfr.	Item	Size	Price
885110	07115	Reversible Mittens	14"L	\$71.10
885109	07114	Gloves	14"L	\$85.70



Aramid/Fiberglass High Heat Gloves

Steiner 22 oz. Aramid (Kevlar) fibers and fiberglass blend to create gloves that withstand exposure up to 600°F. Full 11 oz. wool-insulated lining. Superior abrasion and cut resistance.

Stk.	Mfr.	Size	Price
885115	08314	14"L	\$58.00



Welder's Tongs

Lansing Forge

Straight Lip

Stk.	Mfr.	Size	Price
960273	203-18	18"L	\$103.00
960340	203-24	24"L	\$103.00

Gad

Stk.	Mfr.	Size	Price
960407	204-24	24"L	\$108.00

Round Holding

Stk.	Mfr.	Size	Price
960072	202-20	3/8" x 20"L	\$118.00
960139	202-20	1/2" x 20"L	\$118.00
960206	202-22	3/4" x 22"L	\$118.00

Single Pickup

Stk.	Mfr.	Size	Price
960005	200	24"L	\$108.00

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LAMP SUPPLIES



Turn Knob Sockets

Pass & Seymour For 2-filament lamp with low, medium, high, off sequence. Brass-dipped aluminum. Large-head screws fasten easily.

2-Circuit Socket (3-Way)

Stk.	Mfr.	Watts	Volts	Price
376876	7090PGCC10	250	250V	\$4.89

1-Circuit Socket

Stk.	Mfr.	Watts	Volts	Price
376870	7070-PG	250	250V	\$4.68



Push-through Knob Socket

Pass & Seymour Insulated stem is brass-dipped aluminum. Large-head screws make wire fastening easy.

Stk.	Mfr.	Watts	Volts	Price
377008	6098PGCC20	660	250V	\$4.11



Pull Chain Socket

Pass & Seymour Set screw prevents rotation of socket. Caps threaded .125"-27 IPS Pendant caps accommodate .375" dia. cords. Made of brass-dipped aluminum.

Stk.	Mfr.	Watts	Volts	Price
377100	19980PGCC10	660	250V	\$5.45



Adjustable Keyless Candelabra Socket

Primex Adjusts from 3" to 4-1/2"H. UL listed.

Stk.	Mfr.	Watts	Volts	Price
681970	1293	75	125V	\$2.52



Make-A-Lamp Kit

Primex Kit has everything needed to build a lamp.

Includes 10" harp, 8' white cord, 3-way turn knob socket, 1" finial, 1-1/2" nipple, spacer, 2 washers & hardware.

Stk.	Mfr.	Price
681981	6331	\$10.80



Harps

Primex Heavy-duty detachable harps, brass-plated and lacquered. 2-piece swivel top.

Includes saddle.

Stk.	Mfr.	Length	Price
681950	0063	8"	\$2.24
681951	0064	9"	\$2.52

Running Thread

Primex 1/8 IPS all-thread. Steel. 3' length.

Stk.	Mfr.	Length	Price
681960	0074	3'L	\$2.75



Lamp Finial

Westinghouse Brass knob with 1/4-27 thread.

Stk.	Mfr.	Length	Qty.	Price
942635	70131	1-1/4"	2	\$3.88



681935



681937

Locknuts

Primex Tapped 1/8" IPS threads.

Stk.	Mfr.	Description	Qty.	Price
681935	0024	Hex Head Steel	50	\$4.06
681937	0026	3/4"D Knurled Brass	50	\$18.90

Pipe Nipples

Primex Use for fitting sockets into lamp columns. 1/8" IPS all-thread x 3/4".

Stk.	Mfr.	Description	Qty.	Price
681945	0032	Zinc-Plated Steel	50	\$4.20

EXTENSION CORDS & OUTLET STRIPS



6-Outlet Surge Protector

Woods 750 joule rating. 6 outlets with sliding safety covers and surge protection indicator. EMI/RFI noise filtration. UL listed.

Stk.	Mfr.	Price
983146	041152	\$11.90



6-Outlet 4' Cord Surge Protector

Woods 6 outlets with 1,000 joule surge protection. Surge protection and ground indicators. Features right-angle plug, sliding safety covers and EMI/RFI noise filtration. Lighted on/off switch with 15A circuit. UL listed.

Stk.	Mfr.	Price
983145	041453	\$14.80



6-Outlet 3' Cord Metal Surge Protector

Woods 2 transformer outlets and 4 standard outlets with 750 joule surge protection. Durable metal construction, lighted reset on/off power and 15A circuit breaker. Sliding safety covers and EMI/RFI noise filtration. UL listed.

Stk.	Mfr.	Price
983144	041552	\$21.70



Multi-Outlet Cord Reel

Alert Convenient storage for 25' of 125V 16/3 cord. Features four 15 amp grounded outlets (NEMA 5-15R), built-in resettable circuit breaker and carrying handle.

Stk.	Mfr.	Length	Price
943332	6000-25G	25'	\$33.60



Light Duty Retractable Cord Reel w/3-Outlets

Reelcraft Compact design for light applications. Features powder coated steel housing, adjustable cable stop and a circuit breaker reset. 30' 16/3 SJTW cord with 3 outlets rated at 10A/125V.

Includes mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
688408	LD2030-163-9	30'	\$89.00



Retractable Metal Cord Reel w/3-Outlets

Coleman Cable 30' safety striped 16/3 ga. grounded cord with 3 outlets. Heavy-duty diamond plate metal casing, built-in circuit breaker with lighted outlet. CETL listed.

Includes mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
983147	E215	30'	\$61.20



Retractable Cord Reel

Craftsman Heavy duty extension cord pulls out to desired length and locks. 3 grounded outlets, stamped metal reel with scratch-resistant epoxy finish. 16/3 rated at 10A max. and 1,625W.

Includes mounting hardware.

Stk.	Mfr.	Length	Price
305815	83928	30'	\$64.50



Retractable Cord Reel w/Worklight

Coleman Cable Handheld worklight with 25' retractable extension cord and heavy-duty diamond plate metal reel. 10A grounded outlet and 14/4 ga. high visibility safety stripe orange cord. Metal bulb guard. 100W maximum rated bulb (not included). UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
983148	E251	25'	14/4	\$73.60



Retractable Worklight w/Outlet

Craftsman Reel with steel enclosure for retracting the 30', 16 ga. 3-wire extension cord. Worklight accepts up to a 100W bulb (not included). Convenient outlet, on/off switch and magnetic mounting clip. 10A circuit breaker built into plug prevents overload. UL Listed.

Stk.	Mfr.	Length	Price
305797	73943	30'	\$67.30



Orange Outdoor Round Vinyl Extension Cords

Woods Extension cords with copper conductors, solid molded plugs for longer life, 2 layers of insulation, 1 around each conductor and a second outer

jacket which won't mark floors or walls. Resists deterioration from moisture and abrasion. UL listed, meets OSHA specifications.

Single End

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983102	0267	25'	16/3	13A	\$14.20
983103	0268	50'	16/3	13A	\$23.60
983108	0625	25'	14/3	15A	\$21.30
983109	0626	50'	14/3	15A	\$37.20
983106	0528	25'	12/3	15A	\$34.80
983107	0529	50'	12/3	15A	\$52.90

3-Way Power Block

983230	0819	50'	12/3	15A	\$64.90
983117	0825	25'	14/3	15A	\$34.20
983118	0826	50'	14/3	15A	\$51.10
983119	0827	100'	14/3	13A	\$90.60



Blue Outdoor Low Temp Extension Cords

Coleman Cable High-visibility, blue SJTW extension cords are super flexible for cold temperature.

Vinyl cords feature reinforced blades, power indicator light in female receptacle, plus clear PVC plug and connector. UL listed for use to -45°.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983138	02467	25'	14/3	15A	\$28.70
983139	02468	50'	14/3	15A	\$48.30
983140	02469	100'	14/3	13A	\$91.90
983141	02568	50'	12/3	13A	\$76.80
983142	02569	100'	12/3	13A	\$146.00



Blue Outdoor Tri-Source 3-Way Power Block

Coleman Cable Rugged, bright blue vinyl cord stays flexible outdoors to -45°F. Reinforced blades prevent bending and breaking. Heavy-duty

strain relief protection extends cord life. Female end has power indicator light. Meets OSHA and UL specifications.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983136	04168	50'	12/3	15A	\$92.40



Yellow Indoor Utility Extension Cords

Woods Flat vinyl utility cords designed for general purpose indoor use. Solid molded plugs with copper conductors. Made with a single layer of vinyl insulation that won't mark walls or floors. Resists deterioration from moisture and abrasion.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983120	0834	25'	14/3	15A	\$26.40
983121	0835	50'	14/3	15A	\$48.70



Yellow Jacket® Extension Cord w/Ground Fault Circuit Interrupter

Woods GFCI cord has lighted 3-outlet power block with right angle male plug. Provides maximum safety. Manual test-reset buttons. PowerLite™ plug glows when the cord has power. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983155	2814	2'	12/3	15A	\$64.20



Yellow Jacket® Multi Outlet Lighted Power Cord

Woods Yellow Jacket compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds. Lighted 3-outlet (spaced every 3') 25' power cord. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983157	2830	25'	12/3	15A	\$66.70



Woods Yellow™ Jacket 3-Outlet Lighted Power Cord

Woods Extra heavy duty 600V insulated wire. Lighted 3-outlet power block features high-gloss, super-flexible wire in a tough molded unit that withstands heat, cold and rough use. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
983158	2882	2'	12/3	15A	\$15.60



Hi-Vis/Low Temp Extension Cord

Coleman Cable Single-end cord w/power indicator light. High-visibility bright blue cord. Provides super-flexibility at temperatures down to -45°F. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
983149	02367	25'	16/3	\$16.80



Brown Indoor Heavy-duty Polarized Extension Cord

Eagle Extension cord is vinyl with cube tap. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
943027	09405	20'	16/2	13A	\$6.68



Tool Replacement Cord

Coleman Cable UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
942739	09706	6'	16/3	13A	\$5.97



Cord Wrap

Bayco Stores extension cords, work lights, coaxial cable, TV antenna wire, speaker wire, rope, holiday lights and more. Heavy-duty impact resistant plastic. Holds up to 150' 16 ga., 3-wire extension cord. Orange.

Stk.	Mfr.	Price
942827	K-150	\$2.95



Cable Wraptor™

Gardner Bender Wrap and hang cords, cables, work-lights, chains, hoses and more. Features easy-carry T-handle, large-grip teeth, quick-release trigger, stainless steel hinge, cable tie looping hole and large hang hole. Red and black.

Stk.	Mfr.	Price
416580	CW-T2RR25	\$3.14

CABLE & WIRE



Parallel Lamp Cords

Coleman Cable Use for lamps and any project drawing normal current. 11 x .20 O.D.

Stk.	Mfr.	Gauge	Color	Length	Price
983128	60000-66-07	18	Brown	250'	\$90.40
983129	60000-66-01	18	White	250'	\$90.40
983130	60000-66-08	18	Black	250'	\$90.40
983133	60000-66-18	18	Clear	250'	\$90.40



Speaker Wire

Audiovox Spooled wire.

Stk.	Mfr.	Gauge	Color	Length	Price
942939	AH100R	24	Clear	100'	\$6.78
943205	AH1850R	18/2	Polarized	50'	\$9.09



Heavy-duty Wire Cords

Coleman Cable Flexible, tough-jacketed cord withstands -50°C to 105°C temperatures. Seoprene offers excellent abrasion, ozone, sunlight, chemical and oil resistance, water and mold resistant, nonwicking lightweight polypropylene fillers. Water resistant with high dielectric insulation. Special uses requiring flexibility and mechanical toughness, high environmental resistance and flame retardant. Push-button remote controls. Motor control, stage equipment and lighting. Industrial control and robotic systems. Outdoor appliances. Water submersion approved.

Stk.	Mfr.	Length	Gauge/Conductor	Price
958270	23325-04-08	250'	18/3	\$183.00
958203	23326-04-08	250'	16/3	\$194.00



Hook-Up Wire Spools

Elenco Insulation rated to 300V.

Solid For general wiring that is not subject to repeated flexing & for solderless breadboards. Maximum recommended current 7A.

Stk.	Mfr.	Gauge	Color	Length	Price
390275	884410	22	Black	25'	\$3.60
390276	884420	22	Red	25'	\$3.60
390277	884440	22	Yellow	25'	\$3.60
390278	884450	22	Green	25'	\$3.60
390279	884490	22	White	25'	\$3.60

Stranded For general wiring that may be subject to repeated vibration or flexing. Maximum recommended current 3.5A.

Stk.	Mfr.	Gauge	Color	Length	Price
390280	885210	24	Black	25'	\$3.36
390281	885220	24	Red	25'	\$3.36
390282	885240	24	Yellow	25'	\$3.36
390283	885250	24	Green	25'	\$3.36
390284	885290	24	White	25'	\$3.36



Magnet Wire

Kelvin Copper enamel wire. 1 lb.

Stk.	Mfr.	Gauge	Length	Price
492164	330128	22	514'	\$25.30



Primary Wire

Coleman Cable General purpose wiring for automobiles, boats, trucks, buses, tractors, trailers and other motor-driven equipment.

Stk.	Mfr.	Gauge	Color	Length	Price
983160	16-100-11	16	Black	100'	\$22.00
983161	18-100-11	18	Black	100'	\$15.90



Wire Spool Racks

Durham Prime cold-rolled steel rack with rust and acid-resistant gray baked enamel finish. Polished steel 5/8" dia. rod(s). Keyhole slots for wall mounting.

Rack shown w/wire, sold separately.

1 Rod Includes handle for easy transport.

Stk.	Mfr.	Overall Size	Price
345018	383-95	26-1/8"W x 5-7/8"D x 14"H	\$84.70

2 Rods

Stk.	Mfr.	Overall Size	Price
345019	384-95	26-1/8"W x 5-7/8"D x 21-1/2"H	\$90.60

4 Rods Holds up to 10" dia. spools

Stk.	Mfr.	Overall Size	Price
345013	368-95	26-1/8"W x 5-7/8"D x 36-1/2"H	\$99.90

Alligator Clips



Gardner Bender Plated steel clips with spring loaded jaws. Wire leads may be soldered, crimped or wound around screw post. 5 amp rating. 2"L.

Stk.	Mfr.	Type	Qty.	Price
416570	14-076	Non-insulated	4	\$2.49
416571	14-077	Insulated	2	\$1.95

Romex Cable

Southwire Nonmetallic sheathed cable with copper ground.

Stk.	Mfr.	Type	Size	Price
958000	12-2	12/2	250'	\$132.00
958001	12-3	12/3	250'	\$217.00
958064	14-2	14/2	250'	\$85.60
958135	14-3	14/3	250'	\$140.00

Romex Metal Cable Staples



Gardner Bender For 2-conductor nonmetallic wire.

Stk.	Mfr.	Size	Qty.	Price
942822	MS-150	1/2" x 1"	100	\$2.92
942824	MS-175	9/16" x 1-1/4"	100	\$3.14

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Insulated Staples

Gardner Bender Connect low-volt electrical wire to wood surfaces with 1/8" fiber insulated steel staples.

Stk.	Mfr.	Size	Qty.	Price
942911	MSB-1540	1/8"	40	\$1.69



Wire Nuts

Gardner Bender For copper wire only. Nuts are polypropylene, square spring.

Stk.	Mfr.	Size	Gauge	Qty.	Price
943030	10-003	Small (orange)	22-14	100	\$7.42
943031	10-004	Medium (yellow)	18-12	100	\$9.38
943032	10-006	Large (red)	18-10	100	\$12.00



Electrician's Plastic Tape

Gardner Bender Top grade flame retardant 7 mil. electrical tape. Resistant to cold weather, abrasion, moisture, alkalis and acids.

Stk.	Mfr.	Width	Length	Price
590380	GTP-607	3/4"	60'	\$1.43



Vinyl Electrical Tape

Gardner Bender Assorted 7 mil. vinyl tape for marking wires and circuits. 5 pack includes red, orange, blue, green and white.

Stk.	Mfr.	Width	Length	Price
942937	GTPC-550	1/2"	20'	\$3.53



Liquid Electrical Tape

Gardner Bender Liquid coating for insulating and protecting electrical splices and connections. Waterproof tape won't unravel or deteriorate. For indoor/outdoor use. Brush-on applicator.

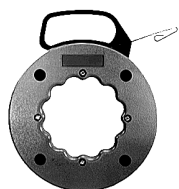
Stk.	Mfr.	Size	Color	Price
416650	LTB-400	4 oz. bottle	Black	\$10.20
416651	LTR-400	4 oz. bottle	Red	\$10.20



Friction Tape

Gardner Bender Black friction tape with matted finish provides gripping surface. Use for electrical splices, wrapping grips and other uses.

Stk.	Mfr.	Width	Length	Price
416611	GTF-600	3/4"	60'	\$4.86



Flat Steel Fish Tapes

Klein Fish Tape in an easy-to-use winder reel keeps flat spring-steel tape in its place and under control. Easy grip design lets you turn reel in either direction for 1-hand feed or take up while other hand directs tape or brings it back in tight. Lightweight, shatter-proof with 4 view ports to let you gauge amount of tape remaining.

Stk.	Mfr.	Size	Price
945318	50206	50' x 1/8" x .060"	\$49.70
945320	50211	100' x 1/8" x .045"	\$75.00



Streamline Steel Fish Tape

Gardner Bender Tape winds directly into housing. Shatter-proof, stands up to abuse. 4 viewing ports show tape remaining. Easy disassembly for fast replacement of tape.

Stk.	Mfr.	Size	Price
416717	FTS-50B	50' x 1/8" x .045"	\$40.50



Insulated Solderless Terminal Kits Gardner Bender

80-Piece Large selection of popular reusable terminals and connectors. 22-10 AWG. **Includes** WireGard™ connectors, female disconnects, ring & spade terminals, butt & tap splices, plus case.

Stk.	Mfr.	Price
416829	TK-100	\$13.60

100-Piece Fifteen insulated terminal styles and a multi-use stripper/crimper contained in a convenient reclosable case.

416800	GK-15N	\$16.00
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175-Piece Large selection of reusable terminals and connectors for general use. **Includes** stud ring & spade terminals, butt terminals, male & female disconnects.

416830	TK-175	\$26.20
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Heat Shrink Tubing

Gardner Bender Insulate and seal electrical splices with this moisture and chemical resistant tubing. Use above or below ground. 6"L.

Includes four 1/8", two 3/16" & two 1/4".

Stk.	Mfr.	Price
942900	HST-AST	\$2.55



Nylon Cable Ties

Gardner Bender Self-locking nylon ties for bundling wire, cables, harnesses and more.

White

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
942906	46-308	8"	75 lbs.	2"	100	\$4.05
942910	46-308MN	8"	75 lbs.	2"	1,000	\$46.00

Black UV resistant.

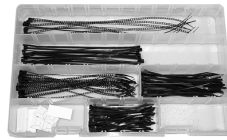
942908	46-310UVB	11"	75 lbs.	3"	100	\$14.80
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8" Nylon Cable Ties

Gardner Bender Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent.

Stk.	Mfr.	Length	Tensile Strength	Bundle Dia.	Qty.	Price
416575	46-308FST	8"	75 lbs.	2"	100	\$6.63



Cable Tie Assortment

Fastener Barn

Includes 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
485509	CT99	155	\$42.30



Cable Tie Tensioning Tool

Gardner Bender Tightens & cuts cable ties w/a quick twist. For ties up to 75 lb. tensile strength.

Stk.	Mfr.	Price
416716	CTT-45	\$11.70



Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
942810	90199	2"W x 4"L	2 strips	\$3.70
942812	90197	2"W x 15'L	1 roll	\$35.20

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
942825	90072	7/8"W x 7/8"L	12 squares	\$2.99

PLUGS, RECEPTACLES & SWITCHES



Plug Adapter

Pass & Seymour Grounding adapter converts outlet to 3-wire grounding outlet. Adapter has a rigid grounding lug.

Stk.	Mfr.	Price
376072	210-G	\$0.76



Specification Grade Rubber Connector

Pass & Seymour Three-wire grounding type has cord clamp. Adapts to .25" to .60" dia. cord. UL listed.

Stk.	Mfr.	Price
375804	114GMCCCC16	\$7.98



Dead Front Cap Male Plug w/Ground

Pass & Seymour Heavy-duty 2 pole, 3 wire plug with chemical resistant rubber construction. Black. 15 amps @ 125V. NEMA 5-15P.

Stk.	Mfr.	Color	Price
377570	111GMCCCC10	Black	\$4.14

Place your order on-line!
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Flat Handle Straight Blade Plugs

Pass & Seymour Thermoplastic flat nonpolarized 2-pole, 2-wire plug. 15 amps @ 125V. NEMA 1-15P.

Stk.	Mfr.	Color	Price
377590	48643BPCC10	Brown	\$2.72
377593	48643WBPCC10	White	\$2.72



Straight Blade Plugs

Pass & Seymour Easy-to-install nonpolarized plug with finger-grip grooves. Insulation piercing terminals eliminate the need for tools. For cord size 18-2 SPT I. 10 amps @ 125V.

Stk.	Mfr.	Color	Price
377648	2601BPCC10	Brown	\$1.82
377649	2601WBPCC10	White	\$1.82



Toggle Switches

Gardner Bender On/off single-throw switch for household appliances and power tools. Screw terminals. 10 amps @ 277 VAC. 20 amps @ 125 VAC. 1-1/2 HP, 125-250 VAC.

Stk.	Mfr.	Item	Price
416730	GSW-10	Single-pole	\$6.01
416731	GSW-14	Double-pole	\$6.86



General-duty Quiet Switches

Pass & Seymour High-impact resistant Thermoplastic toggle and frame. Tri-drive ground, terminal and mounting screws.

- Easy-access green hex head ground screw
 - Extra long strap
 - Side wire #12 & #14 AWG
 - Speed wire #14 AWG
 - Release slots provided
 - Smooth, quiet toggle action
 - UL & CSA listed
- 15 amps @ 120V. Size 1.25"W x 4.195"H x 1.090"D.

Single-pole

Stk.	Mfr.	Color	Price
377530	660GUCC18	Brown	\$1.35
377532	660IGU	Ivory	\$1.35

3-way

Stk.	Mfr.	Color	Price
377540	663-GTU	Brown	\$3.06
377542	663-IGTU	Ivory	\$3.06

4-way

Stk.	Mfr.	Color	Price
377575	664GCC	Brown	\$15.00
377576	664IGCC	Ivory	\$15.00



Duplex Straight Blade Receptacles

Pass & Seymour Two-pole, 3-wire grounding receptacles constructed of high-impact resistant thermoplastic.

- Speed wire accepts #14 solid only
 - UL listed
 - Quick loop wire looping aid
 - Long-term blade retention
 - Combination head screws
- Side-access speed wire release
- 15 amps @ 125VAC. NEMA WD-1. 5-15R. Standard-grade general-duty receptacle, 2P3W grounding.

Stk.	Mfr.	Color	Price
375864	3232-TU	Brown	\$1.07
375866	3232-ITU	Ivory	\$0.99



Dimmer Switch

Lutron Push on/off rotary dimmer has full range dimming and 600W, 120V, single pole capacity. UL listed.

Includes white & ivory knobs.
Shown w/wall switch plate, sold separately.

Stk.	Mfr.	Price
942927	D-600PH-DK	\$9.22



377641



377647

Duplex & Switch Plates

Pass & Seymour Nonflammable. Individually wrapped with screws.

Duplex

Stk.	Mfr.	Color	Price
377640	TP8CC25	Brown	\$0.62
377641	SP8IUCC100	Ivory	\$0.56

Switch

Stk.	Mfr.	Color	Price
377646	SPIU	Brown	\$0.54
377647	SPIUCC100	Ivory	\$0.54



Receptacle Covers

Raco Steel covers. UL listed.

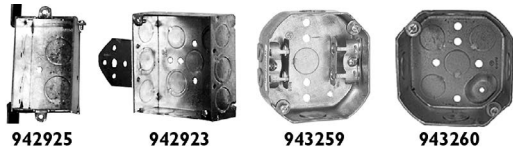
Stk.	Mfr.	Description	Size	Price
942926	731	Receptacle Octagon	4"	\$2.50
943258	8752	Receptacle Sq. Flat	4"	\$1.19

1/2" exposed rise cover (w/flat corner) for surface mount applications.

Stk.	Mfr.	Description	Size	Price
943255	800C	Switch Sq. Raised	4"	\$2.85
943257	902C	Receptacle Sq. Raised	4"	\$2.40

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942925

942923

943259

943260

Electrical Boxes

Raco Steel, deep-bracket switch box with 1/2" knockouts. UL listed.

Stk.	Mfr.	Description	Size	Knockouts	Price
942925	8504	Switch (gangable)	3" x 2-1/2"	6	\$3.83
942923	8193	Receptacle Square	4" x 1-1/2"	15	\$4.90
943259	153	Receptacle Octagon	4" x 1-1/2"	7	\$5.40
943260	8125	Receptacle SQ./Flat	4" x 1-1/2"	9	\$2.08

943259|With MCI/BX cable clamps for MCI/Armored Cable/MCI-A Flex Cable wiring.
943260|For conduit wiring.

Electrician's Screw Assortment Kit

Gardner Bender Commonly used electrical machine screws. Slotted round-head screws for switches, receptacles & outlet applications. Zinc-plated steel.

Includes 8-32 round head screws 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2".

Stk.	Mfr.	Qty./Pkg.	Price
416826	SK-832T	120	\$8.26

TOOLS



Electrician's Tool Set

Klein The tools needed to teach the skills of the trade.

Includes side-cutting pliers, diagonal-cutting pliers, long-nose pliers, pump pliers, adjustable wrench, 2 keystone-tip screwdrivers, 2 cabinet-tip screwdrivers, wire-bending screwdriver, square-recess tip screwdriver, Rapi-Driv® screwdriver, conduit-fitting & reaming screwdriver,

7 nutdrivers, power-return rule, torpedo level, crimper/cutting tool, wire stripper/cutter, utility knife, protective eyewear, canvas zipper bag & 16" canvas tool bag.

Stk.	Mfr.	Item	Price
945550	80028	28-Piece Set	\$396.00

14-Piece Electrician's Tool Set

Klein A great assortment of tools for the electrician.

Includes high-leverage side-cutting pliers, 8" heavy-duty long-nose side-cutting pliers, 8" high-leverage diagonal-cutting pliers, 10" pump pliers w/1-3/4" jaw capacity, 3" #1 Phillips cushion-grip screwdriver, 4" wire bending #2 Phillips cushion-grip screwdriver, 4" x 1/4" &

6" x 1/4" cabinet-tip cushion-grip screwdrivers, 3/16" Rapi-Driv® cabinet-tip cushion-grip screwdriver, 25' tape measure, wire stripper/cutter for 10-18 AWG solid wire, 8-pocket leather tool pouch & adjustable web belt.

Stk.	Mfr.	Price
945545	80014	\$238.00

We're experts when it comes to
setting up your classroom, shop & lab.
Call us at 800-831-5904.



18-piece Journeyman Tool Set

Klein Comfortable and durable tools for the professional.

Includes side-cutting pliers, diagonal-cutting pliers, long-nose pliers, pump pliers, adjustable wrench, Phillips screwdriver, wire-bending screwdriver, 2 cabinet-tip screwdrivers, Rapi-Driv® screwdriver, square-recess screwdriver, 2 nut drivers, power-return rule, Klein-Kurve®

wire stripper/cutter, safety glasses, powerline work belt & 10-pocket tool pouch.

Stk.	Mfr.	Price
945560	80118	\$330.00



Nut Drivers

Great Neck High-quality transparent handle with black fluting. Hollow, chrome-plated shaft. Heat-treated hardened steel.

Stk.	Mfr.	Size	Color	Price
281192	ND3C	3/16"	Black	\$5.18
281193	ND5C	1/4"	Red	\$5.41
281194	ND7C	5/16"	Amber	\$5.64
281195	ND8C	11/32"	Green	\$5.64
281196	ND9C	3/8"	Blue	\$5.64
281197	ND10C	7/16"	Brown	\$6.21
281198	ND11C	1/2"	Red	\$6.44

7-Piece Standard Includes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2".

281191	ND72			\$17.30
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7-Piece Metric Includes 6, 7, 8, 9, 10, 11 & 12mm.

281189	ND71			\$17.30
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Hollow Shaft Nut Driver Sets

CHAN NEL LOCK High-torque, 3-sided Code

Blue® grips. Go-thru steel blade is attached to the steel cap on the back of handle.

7-Piece Standard Includes 11/32", 1/2", 1/4", 3/16", 3/8", 5/16" & 7/16".

Stk.	Mfr.	Price
301360	ND-7CB	\$54.90

7-Piece Metric Includes 5, 6, 7, 8, 9, 10, 11 mm.

301361	MD-7CB	\$54.90
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Color-coded Nut Driver Sets Xcelite

7-Piece Solid Shaft Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" & case.

Stk.	Mfr.	Price
310758	127TB	\$63.80

7-Piece Hollow Shaft Includes 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" & case.

310768	147TB	\$82.00
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10-Piece Hollow Shaft Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" & case.

308811	HS618	\$123.00
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Conduit-Fitting & Reaming Screwdriver

Klein Rugged hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Reams and smooths 1/2" (13mm), 3/4" (19mm) and 1" (25mm) thin-wall conduit ends to protect wire and permit correct installation of fittings. Reams the inside and outside of the conduit at the same time. Longer cushion-grip handle provides comfort and greater torque. 1/16" hex socket set screw secures replaceable reaming blade.

Stk.	Mfr.	Shank Tip	Shank	Overall Length	Price
945580	85191	3/8"WV	2-1/2"L	7-1/2"	\$40.40



Conduit Benders

Ridgid High-strength cast iron with smooth side walls grip conduit snugly to minimize distortion. Bending grooves conform to standard code radii. Marks indicate 30°, 45°, 60° and 90° bends. Handle not included.

Bends 1" thin-wall & 3/4" heavy-wall conduit to 6-1/2" inside radius.

Stk.	Mfr.	Price
692724	35225	\$124.00

Bends 1/2" thin-wall conduit to 4" inside radius.

Stk.	Mfr.	Price
692720	35215	\$50.90

Bends 3/4" thin-wall & 1/2" heavy-wall conduit to 5" inside radius.

Stk.	Mfr.	Price
692722	35220	\$80.70



Multi-purpose Wiring Tool

CHAN NEL LOCK Strips wire with no damage to conductor. Scissor-type blades are precision ground and heat-treated to hold their edge.

Cuts machine bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 & 10-24 without damaging threads. Crimps both insulated and non-insulated wire. Channellock Blue® comfort grips. USA made.

Strips AWG wire sizes: 10, 12, 14, 16, 18, 20 & 22.

Stk.	Mfr.	Length	Price
301522	908	8-1/4"	\$22.70



Crimping Tool

CHAN NEL LOCK Precision-forged high grade carbon tool steel. Designed for crimping of both insulated and non-insulated solderless connections and terminals on 10 to 22 AWG wire. Crimping nest is specially hardened. Cutters in nose are honed and hardened to hold clean-cutting edge over many cuts. Slim nose permits crimping in small spaces. Channellock Blue® comfort grips. USA made.

Crimps AWG wire sizes: 10 to 22 (4.0 to .34mm²).

Stk.	Mfr.	Length	Price
301523	909	9-3/4"	\$28.00



Crimping Pliers

Gardner Bender Crimp insulated or non-insulated terminals on 10 to 22 AWG wire. Cuts copper and aluminum wire. Tapered nose. Comfort grips.

Crimps AWG wire: 10 to 22.

Stk.	Mfr.	Length	Price
416719	GS-388	8"	\$11.50



Electrician's Tool

Craftsman Long, curved cutter requires less force than other tools. 5 bolt cutting stations.

Strips & crimps AWG wire: 10-20.

Stk.	Mfr.	Price
305810	82563	\$23.40



Dual Purpose Wire Stripper/Cutter

CHAN NEL LOCK Cuts copper wire only. Precision-ground, heat treated scissor-type blades hold their edge. Lean nose pulls and loops wire ends. Precision wire stripping holes. AWG and mm wire gauge sizes are painted and embossed. Blue comfort grips. USA made.

Strips AWG wire: 10, 12, 14, 16, 18, 20 (.80, 1.0, 1.3, 1.6, 2.0, 2.6mm).

Stk.	Mfr.	Length	Price
301560	958	6"	\$16.00



Locking Wire Stripper

Gardner Bender Strips solid or stranded wire. Precision stripping stations with laser-etched markings. Comfort high-leverage locking handles and power spring return reduce hand fatigue. Looping hole forms wire to fit on screw terminal.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
416728	GS-360	6"	\$13.40



Adjustable Wire Stripper Cutter

Klein Lightweight, compact tool with convenient hole for looping or bending wire. Adjustable slide stop with set screw for repeat stripping work. Black-oxide finish with yellow plastic grips.

Strips AWG solid & stranded wire: 12-26 (2.5 to 0.14mm²).

Stk.	Mfr.	Length	Price
945117	1004	5"	\$11.70



Multi-Tool Stripper/Crimper/Cutter

Irwin Induction hardened cutting stay-sharp edge. Pliers-style nose allows pulling and looping in wire. Cuts bolts to size and leaves perfect lead thread. Crimps insulated, non-insulated terminals. ProTouch™ comfort grips reduce fatigue.

Strips/cuts AWG wire: 10-22.

Meets or exceeds ANSI standards.

Stk.	Mfr.	Length	Price
619484	2078309	8-1/2"	\$13.50



Multi-Tool Stripper/Cutter/Crimper

Gardner Bender Pliers nose for pulling and looping wire. Curved cutting blade. Comfort high-leverage handles. Crimps insulated and non-insulated terminals and coaxial F connectors. Precision-ground stripping stations prevent nicking conductor. Cuts, rethreads bolt sizes 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32.

Strips/cuts AWG wire: 10-22.

Stk.	Mfr.	Length	Price
416729	GS-370	8-1/2"	\$16.30



Multi-purpose Electrician's Tool

Klein Two wire cutters - 1 at tip, the other near the stripping holes double the use of this tool. It features left- and right-hand wire-looping holes near the tip, full-sized plastic-covered handles for comfort, easy-read markings and color-coded crimping dies for easy identification. Pivot nut adjusts tension. Crimps insulated & non-insulated terminals (including 7-8 mm ignition terminals), lugs and splices. Cuts wire & bolts size 6-32, 8-32, 10-32, 10-24, 4-40.

Strips AWG solid wire: 8-22 (6.0 to .34mm²) & AWG stranded wire: 10-26 (4.0 to .14mm²).

Grips do not protect against electric shock.

Stk.	Mfr.	Length	Price
945115	1001	8-1/2"	\$31.90



Klein-Kurve® Dual NM Cable Stripper Cutter

Klein 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic-sheathed cable. Clearly shears 6-32 and 8-32 screws. Strips, cuts and loops 12 and 14 AWG solid wire.

- Curved handles & narrow nose help reach into confined areas
- Strong-gripping serrated nose easily bends, shapes & pulls wire
- Coil spring provides fast self-opening action
- Comfort grips

Strips AWG wire: 12 & 14.

Stk.	Mfr.	Length	Price
945151	K1412	7-3/4"	\$31.50



6-in-1 Stripper Cutter

Klein Shears bolts clean, measures stud sizes, cuts and strips wire, gauges wire sizes and crimps insulated terminals. Cuts bolt sizes 10-24, 10-32, 8-32, 6-32 and 4-40. Plastic covered handles for comfort.

Strips AWG wire: 10 to 22 (4.0 to .34mm²).

Stk.	Mfr.	Length	Price
945114	1000	7-1/2"	\$28.40



6-in-1 Combination Pliers

Milwaukee Features dual-head design for wire stripping and needle nose functionality. Reamer,

wire stripper, bolt cutter, wire cutter, pliers and loop maker are combined into one tool. 1-hand locking. Smooth metal pipe edges from 1/2" to 1" and cut 6-32 & 8-32 bolts. Rust resistant. Mfr.'s limited lifetime warranty.

Strips AWG solid wire: 10-18 & AWG stranded wire: 12-20.

Stk.	Mfr.	Price
577495	48-22-3069	\$33.80



Wire Stripper/Cutters

Klein Gauges, cuts, strips and loops wire. Spring-loaded, self-opening action. Easy-store and carry flat design. Narrow nose fits into tight places. Strips wire quickly, cleanly, evenly. Strong hardened steel with

precision-ground stripping holes. Clear gauge markings on both sides. Black oxide finish. Plastic-dipped handles.

Stranded Wire Strips AWG stranded wire: 16, 18, 20, 22, 24, 26 (1.0 to .14mm²).

Stk.	Mfr.	Length	Price
945315	11046	6-1/4"	\$18.10

Solid Wire Strips AWG solid wire: 10, 12, 14, 16, 18 (4.0 to .75mm²).

945316	11045	6-1/4"	\$17.20
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Heavy-duty Cable Cutters

CHAN NEL LOCK Designed for maximum cutting

power with minimum effort. Features broader handles and closely-mated cutters for better leverage and extra comfort. Induction-hardened cutting edges are made from special grade carbon steel to permit clean, accurate cuts with minimum cable distortion. Channellock Blue® plastic cushion-grips. Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
301525	911	9-1/2"	\$34.00



High-leverage Cable Cutter

Klein Special high-leverage design gives this cutter amazing cutting capability for its size. Ideal for working in confined spaces. Tough, comfortable, red plastic-dipped handles.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
945350	63050	9-1/2"	\$38.50



Electrician's Knife

Gardner Bender Rip NM cable, strip wire and cut with 1 tool. Quick blade changes. Storage in handle.

Includes 3 replacement blades.

Stk.	Mfr.	Length	Price
416822	RK-6	6"	\$13.70



Two-in-one Electrician's Knife

Gardner Bender Two-in-one pocket knife has sharpened blade for skinning wire and screwdriver tip for screws. Tempered carbon-steel blades sharpen easily and hold their edge.

Stk.	Mfr.	Length	Price
416750	KF-200	3-3/4"	\$15.70

NM Cable Ripper



Gardner Bender Slits outer covering of Romex® cable (all sizes) and nonmetallic (type NM) sheathed cable. Gauge on handle checks and strips 6-14 AWG wire. Nickel-plated finish resists corrosion.

Stk.	Mfr.	Length	Price
416715	CRC-100	4"	\$2.44



Plastic Fuse Puller

Gardner Bender Tough, insulated fuse puller for 100-200 amp and 600V fuses. Puller adjusts to accommodate switch and fuse clips.

Stk.	Mfr.	Price
416590	FPE-20	\$5.06

BATTERIES & POWER SUPPLIES

Batteries



Stk.	Mfr.	Type	Qty.	Brand	Price
687722	6V	6V carbon zinc	1	Duracell	\$6.92
687755	6V	6V alkaline	1	Energizer	\$24.40
687715	9V	9V alkaline	1	Duracell	\$7.56
687731	C	C alkaline	4	Duracell	\$13.70
687745	D	D alkaline	4	Duracell	\$13.70
687720	AA	AA alkaline	4	Duracell	\$7.09
687734	AAA	AAA alkaline	4	Duracell	\$7.09
943197	L91BP-2	AA Li-ion	2	Energizer	\$8.15
943198	L92BP-2	AAA Li-ion	2	Energizer	\$8.15

Rechargeable Ni-Mh Batteries

Energizer

Stk.	Mfr.	Type	Qty.	Price
942713	NH22NBP	9V	1	\$15.50
942709	NH35BP-2	C	2	\$15.50
942711	NH50BP-2	D	2	\$15.50
942719	NH12BP-2	AAA	2	\$11.50
942717	NH15BP-2	AA	2	\$11.50
942715	NH15BP-4	AA	4	\$19.10

Universal Battery Charger

Energizer Charges up to 8 AA, 8 AAA, 4 C, 4 D or 1 9V NiMH rechargeable batteries. Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off

to prevent over charge, short circuit and reverse polarity protection & bad battery detection. Energy Star rated.

Includes AC adapter.

Stk.	Mfr.	Price
943265	CHFC	\$44.50

Battery Tester

Gardner Bender Analog meter with a 9-position rotary selector switch. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo & lantern cells, 6V lantern cell, 12V & 5V photo cells.

Includes test leads & instructions.

Stk.	Mfr.	Price
416600	GBT-500A	\$12.50

Analog Battery Tester

Gardner Bender Analog meter with low/good indicator. Moveable contact arm fits various battery sizes. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, 9V & 1.5V button cells.

Includes instructions.

Stk.	Mfr.	Price
416602	GBT-3502	\$10.10

Battery Eliminator

Elenco Substitutes for AA, AAA, C, D and 9V batteries. Rotary switch selects voltage. Advanced, solid-state electronics provide LINE and LOAD regulation of volt output. Voltage selector switch won't allow output volts to

increase while adjusting between volt ranges. Fuse in series with output of power supply provides short-circuit protection.

Input 120VAC. Output current 1 amp max. Accuracy +5%. Output voltage 1.5, 2.2, 3, 4.5, 5, 6, 7.2, 9, 10, 13.8, 15VDC.

Stk.	Mfr.	Price
390479	XP-100	\$71.40

Variable Voltage Power Supply Kit

Elenco Portable power supply for students, technicians and hobbyists. Ideal for breadboarding and prototyping. Short protected IC thermo. Assembly required.

Input voltage 120VAC.
Output voltage 0VDC - 15VDC.
Output current 0.3A @ 12V, 0.2A @ 15V.

Stk.	Mfr.	Price
390345	XP-15K	\$29.90

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.

TESTING EQUIPMENT**2-Channel Oscilloscope**

Elenco Unit features dual or single trace operation. Calibrated 20-step time base with x10 magnifier.

- X-Y operation
- Accelerating voltage 2kV
- Auto/norm triggered sweep operation (AC, DC, TV-H, TV-V & line coupling)

Vertical Amplifiers (Ch 1 & Ch 2)

Bandwidth: 30 MHz, rise time 14 ns.

Sensitivity: 5mV/div - 5V/div (x1 mode).

1mV/div - 1V/div (6MHz, -3dB), (x5 mode).

Attenuator: 1-2-5 sequence, 10-step attenuator plus vernier control.

Input Impedance: 1M Ω \pm 2%, 25pF \pm 10pF.

Horizontal Amplifier

X-Y Mode: switch selectable w/X-Y switch (Ch 1: X axis, Ch 2: Y axis).

Accuracy: Y axis \pm 3%, X axis \pm 6%.

Includes 2 probes (x1 & x10) & dust cover.

Stk.	Mfr.	Price
390393	S-1325	\$563.00

Circuit Tester AC/DC

Gardner Bender Twin probe tester. Tests voltage from 80-250 VAC/DC, 360°. Visual output indicates the presence of voltage. UL listed.

Stk.	Mfr.	Price
416607	GET-3100	\$5.48

Solenoid Voltage Tester

Gardner Bender Tests AC/DC voltage from 120-480V and DC polarity. Dual voltage indicators are solenoid vibration and neon bulb. Probes lock together for I-hand testing and storage.

- 4' reach from probe to probe w/probes unlocked Tests outlets, panels, light fixtures, switches, circuit breakers & extension cords
 - Double insulated
 - High-impact, dual-insulated case
- ETL, CAT III (600V) listed.

Stk.	Mfr.	Price
416740	GVT-392	\$27.40

Non-Contact Voltage Tester

General Audible and visual voltage tester ideal for isolating voltage breaks in lines. Measures

potential from hot wire to ground. Operating environment 32°-122°F. Indicates presence of voltage from 50-1000 VAC (ETL CAT III) or 50-600 VAC (ETL CAT IV). UL listed.

Includes 2 AAA batteries.

Stk.	Mfr.	Price
419095	VS3000A	\$15.60

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.



Digital AC Clamp Meter

Elenco Designed according to IEC-1010-2-032 safety requirement for hand-held current clamps.

- 3-1/2" digit LCD display
- Reads up to 1000A
- Data hold
- Audible continuity
- Insulation test

AC voltage 200V to 750V (accrcy. $\pm 1.0\%$ to $\pm 1.2\%$), (resol. 0.1V).
 AC current 20A, 200A, 1000A (accrcy. $\pm 4.0\%$, $\pm 2.5\%$, $\pm 3.0\%$), (resol. 100mA).
 DC voltage 200mV, 2V, 20V, 200V & 1000V (accrcy. $\pm 0.5\%$ & $\pm 0.8\%$), (resol. 0.1mV).
 Resistance 200W to 20MW (accrcy. $\pm 1.0\%$), (resol. 0.1W).
 Insulation test 20MW $\pm 2\%$, 2,000MW $\pm 4\%$ 500W.
 Temperature 32°F-753°F & 754°F-1,382°F (reading $\pm 1.0\%$ & $\pm 2.0\%$).

Includes 9V battery, test leads, hand strap, manual & case.

Stk.	Mfr.	Price
390496	ST-1012	\$41.90



Analog Multimeter Kit

Elenco

- 20,000 ohms/volt
- 3-1/2" meter
- Checks transistors/diodes
- Audible continuity
- Battery test
- 23 ranges
- Mirrored scale
- 10A DC reading
- dBA scale

Includes test leads, batteries & manual.

Stk.	Mfr.	Item	Price
390458	M-1250	Assembled Kit	\$33.50
390459	M-1250K	Ready-to-Solder Kit	\$35.60



Analog Multimeter, 7 function, 19-Range

Gardner Bender Tests AC/DC voltage, DC current, continuity, resistance and batteries.

- 19 ranges & 7 functions
- Audible continuity check
- Manual range selection
- Easy-read, color-coded analog displays
- ETL listed
- 1-yr. mfr.'s warranty
- Fuse overload protected

DC voltage 1,000V. AC voltage 1,000V.

DC current 500mA to 10A.
 Resistance 10M Ω . Decibels -8dBA to +62dBA on ACV range.
 Battery check 1.5V, 9V.

Includes 2 AAA batteries, test leads, spare fuse & instructions.

Stk.	Mfr.	Price
416608	GMT-319	\$33.90



Analog Multimeter, 5 function, 12-Range

Gardner Bender Tests AC/DC voltage, DC current, resistance and decibels. Separate battery/fuse compartment.

- 12 ranges & 5 functions
- Impact resistant shell
- 1-yr. mfr.'s warranty
- Pocket sized
- UL listed

DC voltage 10 to 500V. AC voltage 10 to 500V.
 DC current 0.5mA to 250mA. Resistance 1M Ω .
 Decibels -20dBA to +56dBA on ACV ranges.

Includes AA battery, 2 test leads, fuse & manual.

Stk.	Mfr.	Price
416620	GMT-312	\$15.50



Digital Multimeter

General Provides electrical readings economically. Single lead hotside identification with bright red LED.

- Continuity beeper w/red LED
- DC current
- AC & DC volts
- Distinguished hot & ground
- Ground disconnect check

DC voltage 2 to 1,000V (4 ranges). AC voltage 200V & 750V (2 ranges).
 DC current 200 μ A to 10A (5 ranges). Resistance: 200 Ω to 2M Ω (5 ranges).

Includes 2 test leads & 9V battery.

Stk.	Mfr.	Price
419894	DMM830HS	\$26.40



Digital Multimeter, 3-Function

Gardner Bender Manual, 3-function general purpose digital multimeter tests up to 500 VAC & 600 VDC.

11-position smooth rotary dial. 1-yr. mfr.'s warranty. UL listed.

- 3-1/2" digit display
- Low battery indicator
- On/off button
- 2,000 display count
- Secure-fit input jacks
- Drop-resistant housing

DC voltage 2,000mV to 600V \pm (1.2% +2 digits). Input impedance 10m Ω .
 AC voltage 200 to 500V \pm (2.5% +5 digits). Resistance 200 Ω to 2,000k Ω \pm .

Includes two 26" test leads (replaceable), 9V battery & manual.

Stk.	Mfr.	Price
416606	GDT-311	\$17.40



Auto Ranging Multimeter

Klein

- Measures capacitance, temperature & frequency
- Audible continuity w/loud buzzer
- Data hold & range hold
- Diode test
- Soft touch buttons

- Lead storage
- Protective boot
- CAT III 600V
- Back light display & 4000 count display
- Low battery indicator & auto power off
- Basic DC accuracy $\pm 0.5\%$

AC Voltage 600V. AC Current 10A. DC Voltage 600V. DC Current 10A.
 Resistance 40M Ω . Capacitance 200 μ F. μ Micro Amps 0.1 μ A.
 Temperature -4 ~ 1832°F. Frequency / Duty Cycle 1 MHz.

Includes test leads, 9V battery & thermocouple.

Stk.	Mfr.	Price
945015	MM200	\$56.70



Digital Multimeter M-1750

Elenco

- 3-3/4" digit LCD
- Transistor/diode test
- Frequency to 10 MHz
- 3-way overload protection
- Audible continuity test
- Capacitance to 200 μ F
- AC/DC current to 10A

AC/DC voltage 400mV to 600V. AC/DC current 400 μ A to 10A.
 Resistance 400 Ω to 40M Ω . Capacitance 4nF to 200 μ F.

Includes holster, test leads, manual & 2 AAA batteries.

Stk.	Mfr.	Price
390491	M-1750	\$41.90



Digital Multimeter, 8-Function

Craftsman Manual-ranging multimeter with large 2,000 count LCD display, diode test and continuity beeper. 1.5 and 9V battery test. Fuse is protected with a rubber holster w/ tilt stand.

- Measures up to 600V AC & 10A AC for electrical installation, home, appliance repairs
- Measures up to 600V DC & 10A DC for auto, marine & electronic installations/repairs
- Audible tone sounds below 30 ohms to check proper wiring & shorts
- Resistance: up to 2M ohm for household & auto electrical wiring testing & repair
 - Diode test for electronic & electrical testing

Includes holster, 2 spare fuses, test leads & manual.

Stk.	Mfr.	Price
305805	82141	\$25.10



116 HVAC Multimeter

Fluke Delivers the capabilities professionals need to troubleshoot and repair HVAC systems. Includes 80BK-A integrated DMM temperature probe. Measures resistance, continuity, frequency and capacitance. Provides min/max/average readings with elapsed time to record signal fluctuations.

- Microamps to test flame sensors
- Large white LED backlight for poorly lit areas
- Compact design for one-handed operation
- Low input impedance prevents false readings due to ghost voltage
- CAT III 600 V safety rated • 3-yr. mfr.'s warranty

AC voltage 600mV to 600V (4 ranges). AC current 600µA to .10µA. DC voltage 600mV to 600V (4 ranges). DC current 600µA to .10µA. Resistance 400Ω to 40MΩ (6 ranges). Capacitance 1nF to 1000µF.

Includes 4mm silicone test lead set, integrated temperature probe, holster, 9V battery, user manual.

Stk.	Mfr.	Price
407800	116	\$237.00

SOLDERING



260/200 Watts Professional Soldering Gun

Weller Features instant heat, twin spotlight to illuminate work and long-reach, tin-plated copper soldering tip. Recommended for general purpose work.

Soldering Gun

Stk.	Mfr.	Watts	Volts	Price
311221	D550	260/200	120	\$83.10

Soldering Gun Kit Includes sealing tip, cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin-core solder, case & soldering hints book.

311224	D550PK	260/200	120	\$95.90
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Replacement Tips, 2/pkg.

312293	7250W			\$8.41
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140/100 Watts Universal Soldering Gun

Weller User-friendly features include instant heating, a spotlight and fingertip on/off button. Tip is made of tin-plated copper.

Soldering Gun

Stk.	Mfr.	Watts	Volts	Price
312561	8200	140/100	120	\$59.40

Soldering Gun Kit Includes soldering tip, sealing tip, cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin-core solder, case & soldering hints book.

312564	8200PKS	140/100	120	\$69.80
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Replacement Tips, 2/pkg.

312494	8125W			\$9.07
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Therma-Boost Heat Tool & Soldering Gun

Weller 27 watt continuous heat tool quickly turns into a high-performance 130 watt, 950°F soldering gun with the squeeze of the Therma-Boost trigger. It quickly heats to handle most soldering jobs with ease. Runs for hours in

standard mode, making it perfect for cutting rope, Styrofoam® and other craft materials, scoring hard substances like Plexiglas® and tile, and smoothing or shaping soft plastics and wax.

Includes 6 tips (conical, screwdriver, scoring, rope cutting, foam cutting, smoothing), stand & manual.

Stk.	Mfr.	Watts	Price
309878	TB100PK	130	\$36.00



6 Watt / 4.5V Cordless Soldering Iron

Weller Battery-powered iron goes anywhere. Heats in 15 seconds for soldering microelectronics, hobbies, small appliances, repairing

wiring and more. 120 solder joints per 3 AA battery use. Features auto shut-off cap, standby/power-off switch, on-button, power-on indicator light, optimal heat-transferring, long-life tip. 7-yr. mfr.'s warranty.

Includes nickel-plated copper tip, wrench, lead-free solder & shut-off cap.

Requires 3 alkaline AA batteries, sold separately.

Stk.	Mfr.	Watts	Volts	Price
311199	BP645MP	6	4.5	\$23.00



Standard Soldering Irons

American Beauty Features standard-size irons w/long-life element. Paragon-quality tip.


Irons

Stk.	Mfr.	Watts	Tip	Price
197399	3125-60	60	1/4"	\$93.30
197467	3138-100	100	3/8"	\$137.00
197534	3158-200	200	5/8"	\$182.00
197601	3178-300	300	7/8"	\$232.00

Replacement Tips

196690	42D		1/4" Diamond	\$16.80
196680	43D		3/8" Chisel	\$18.00
196682	44D		5/8" Diamond	\$40.80
196684	45C		7/8" Chisel	\$74.40
196686	46C		1-1/8" Chisel	\$108.00

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904


12 Watt Marksman Mini

Weller Pencil-thin iron has nickel-plated conical tip. For fine soldering and hobby work.

Stk.	Mfr.	Watts	Temp. Range	Length	Price
307475	SP12	12	0-750°	7"L	\$23.10

Replacement Tip, 1/8" Cone. 1/pkg.

309665	MT70				\$7.75
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25 Watt LED Soldering Irons

Weller Three 5mm high LEDs for superior soldering application and accuracy. Used for hobbies, kits, radios.

Soldering Iron Includes MT1 tip & stand.

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
308149	SP25NUS	25	750°	MT1	\$20.10

Soldering Iron Kit Includes stand, soldering aid tool, lead free solder, MT1, MT2 & MT3 tips.

308151	SP25NKUS	25	750°	MT1	\$23.00
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Replacement Tip, 1/8" Cone. 2/pkg.

307000	MT1				\$8.25
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40 Watt LED Iron

Weller Three 5mm high LEDs for superior soldering application and accuracy.

Includes MT10 tip & stand.

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
308586	SP40NUS	40	900°	MT10	\$24.00

Replacement Tip, 1/4" Chisel. 2/pkg.

307190	MT10W				\$14.20
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80 Watt Marksman

Weller Three 5mm high LEDs for superior soldering application and accuracy.

Includes MTG20 tip & stand.

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
309767	SP80NUS	80	900°	MTG20	\$42.50

Replacement Tip, 3/8" Chisel. 1/pkg.

308084	MTG20				\$13.40
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120 Watt Marksman

Weller Used for workshop repairs and stained glass.

Includes rest for iron and long-life iron-plated chisel tip.

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
310698	SP120	120	950°	1/2"	11-3/8"	\$82.40

Replacement Tip, 1/2" Chisel. 1/pkg.

308548	MTG30					\$19.40
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175 Watt Marksman

Weller Used for workshop repairs and stained glass.

Includes rest for iron and long-life iron-plated chisel tip.

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
310792	SP175	175	950°	5/8"	12-1/2"	\$101.00

Replacement Tip, 5/8" Chisel. 1/pkg.

308582	MTG40					\$33.00
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**Professional Soldering Irons**

Weller Top quality iron-plated tips w/anti-wetting chrome coating for 2 irons listed above. All tips are pre-tinned.

Stainless Steel Barrel

Stk.	Mfr.	Watts	Volts	Tip	Price
308154	WP25	25	120	ST3	\$67.40
308590	WP35	35	120	ST3	\$84.80

Replacement Tips

307002	ST1			1/16" Screwdriver	\$6.10
307017	ST3			1/8" Screwdriver	\$7.92
307018	ST4			3/16" Screwdriver	\$7.92
307054	ST7			1/32" Conical	\$6.10

**Soldering Stations**

Elenco Station is electronically controlled from 5 to 40 watts.

- Iron holder funnel
- Sponge pad for cleaning tip
- Cushion grip handle

- Power on/off w/indicator light
- Heavy-duty iron w/plated conical tip

Stk.	Mfr.	Item	Price
390377	SL-5K-40	Ready-to-Assemble Kit	\$47.30
390378	SL-5-40	Assembled Kit	\$47.30

Replacement Tips

Stk.	Mfr.	Item	Price
390382	SR-2BT	Wedge Tip	\$5.75
390383	SR-2BT2	Conical Tip	\$5.75

**Electronic Soldering Station for Hobbyists**

Weller Variable power control produces 5-40 watts. Uses ST series tips. UL listed.

- Safety guard iron holder
- Natural sponge tip cleaning pad

- Power on/off w/indicator light
- Cushioned foam grip w/replaceable heating element
- 40 watt lightweight pencil iron w/ST3 iron-plated copper tip

Stk.	Mfr.	Price
309876	WLC100	\$77.40

**40 Watt Industrial Electronic Soldering Station**

American Beauty 1,000°F, 40 watt station features high-thermal capacity and controllability. Built to withstand rugged use in production

maintenance and repair operations.

- Solid-state voltage regulator provides tight process control, long heating element life & excessive heat protection
- Ni-Chrome wound heat elements control soldering temp
- Paragon iron-clad, lead-free tips are long lasting & easy-to-clean

Includes three 3/16" dia tips (*chisel, diamond & conical*), detachable soldering iron holder & dross sponge tip cleaner.

Stk.	Mfr.	Price
197300	V36GM3	\$173.00

Place your order on-line!
www.midwesttechnology.com



Desoldering Bulb

Weller Bulb with TFE tip facilitates accurate printed circuit repair and cleaning. May be used with soldering iron.

Stk.	Mfr.	Price
310100	7805	\$23.60



Soldering Tool Stand

Weller Stand w/base, sponge & iron holder. For W60P, WP25P, WP40P & irons w/barrel dia. up to 15/32".

Stk.	Mfr.	Price
309085	PH60	\$42.20

Replacement Sponge

Stk.	Mfr.	Price
309779	EC205	\$4.45



Solder Ease Kit

Elenco 3 scrapers, 1 brush.

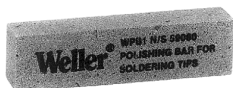
Stk.	Mfr.	Price
390294	SE-1	\$4.68



Solder Wick

Elenco Instantly removes solder.

Stk.	Mfr.	Size	Price
390303	SW-3	5'L x 1/8"T	\$1.80



Soldering Tip Polishing Bar

Weller For cleaning soldering tips. Removes plastic resins, silicone grease & chemicals.

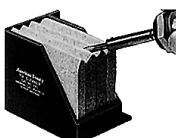
Stk.	Mfr.	Price
309872	WPBI	\$18.00



Sal Ammoniac Bars

Johnson Mfg. For fast cleaning & tinning of soldering coppers.

Stk.	Mfr.	Size	Price
490335	24-100-07	1/2 lb.	\$10.80
490402	24-100-09	1 lb.	\$12.40



Fast Tip Cleaner

American Beauty Cleans entire tip of a soldering iron or gun in 1 pass. 3/4"D water well keeps sponges wet all day.

Stk.	Mfr.	Qty.	Price
197201	480	1	\$19.20
197268	480-S	4	\$17.70

Solder

Alpha Metals

Acid Core For general purpose soldering such as repairing tools, radiators, automotive parts & sheet metal (not for electrical applications). Contains flux core w/a highly active cleaner.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
194944	AM12406	40%	60%	.125	1 lb.	\$25.70

Rosin Core For applications on electrical components & electronic circuitry. Apply w/soldering irons & guns. Contains activated rosin (noncorrosive) flux to clean parts while soldering.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
194949	AM21604	60%	40%	.062	1/2 lb.	\$18.50
194946	AM11406	40%	60%	.093	1 lb.	\$26.10

Solid Core For general purpose soldering such as repairing stained glass, household items, plumbing drains, brass fittings & fixtures, steel, nickelplate & nickel alloys (not for electrical applications). Apply w/flux.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
194950	AM13406	40%	60%	.125	1 lb.	\$22.60
194952	AM13505	50%	50%	.125	1 lb.	\$25.90

Bar Uniform distribution of tin-lead alloys provides good flow characteristics & low melting point (in bar form, not on spool).

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
942912	AM50501	50%	50%		1 lb.	\$27.50

Lead-free Silver-bearing solder w/a blend of tin, copper & silver alloy for applications requiring lead-free alloy. It provides better capillary penetration, a pasty working range & stronger solder joint. Complies with Federal Standards for use of solder in potable water systems.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
194942	AM13955	95%		.125	1 lb.	\$44.70



Seizer w/Serrated Jaws

Xcelite Clamps firmly onto wires for soldering. Acts as a heat sink & retrieves small parts from hard-to-reach places. Precision-machined, tempered stainless steel. Box-joint construction w/3-position snap lock.

Stk.	Mfr.	Item	Length	Price
308826	42HV	Straight Nose	5-1/2"	\$13.90
308827	43HV	Curved Nose	5-1/2"	\$14.10

Soldering Fluid

Johnson Mfg. Soldering fluid that contains no acid.

Stk.	Mfr.	Size	Price
490000	01-07	Pt.	\$8.16
490067	01-09	Qt.	\$12.50
490134	01-11	Gal.	\$26.90



Soldering Paste

Johnson Mfg. Noncorrosive soldering paste.

Stk.	Mfr.	Size	Price
490203	05-03	3 oz.	\$4.88
490268	05-09	1 lb.	\$11.70



Propane Torch Head

Magna All brass pencil tip torch. Delivers a fine, concentrated flame for pinpoint heating. The adjustable flame knob allows for flame control and fuel economy. Use with propane fuel only.

Stk.	Mfr.	Price
943331	MT200C	\$17.80

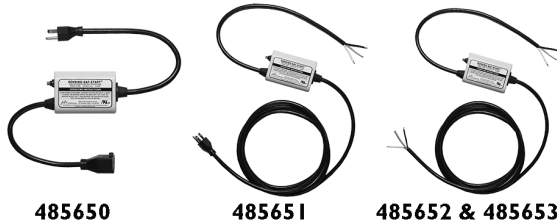


X-Tra Hands

X-Acto Double alligator spring clamps and double joints hold work firmly at any angle. 2x magnifier for close, exacting work to free hands for soldering, gluing and positioning.

Stk.	Mfr.	Price
477084	X75170	\$18.70

SAFETY CONTROLS



485650

485651

485652 & 485653

Restart Safety Plugs

JDS Products The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hacksaws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

You must install any matching plugs on the power cord.

Model 1996 For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
485650	1996	120	15	\$97.00

Model 1997 For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

Stk.	Mfr.	Volts	Amps	Price
485651	1997	120	15	\$97.00

Model 1998 For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
485652	1998	120	18	\$97.00

Model 1999 For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
485653	1999	200-240	15	\$97.00



Magnetic Safety Switch

General Intl. For use on all types of stationery power tools. Extra-large 6" x 6-1/2" STOP panel for hands-free shut-off using knee, thigh, hip or elbow (depending on switch position). Built-in circuit breaker cuts power to machine in case of power surge or power failure. Ultra-safe design requires 2-step re-start procedure after any shut-off. Adaptable to fit on most existing switch mounting brackets or directly to machine cabinets (drilling may be required).

Equipped with removable lock-out safety key.

Stk.	Mfr.	Volts	Phase	HP	Amps	Price
420880	85-110	110	1	1	8-11	\$259.00
420881	85-120	110	1	3/4	10-15	\$259.00
420882	85-125	110	1	1	11-14	\$259.00
420883	85-210	220	1	2-3	8-11	\$259.00
420884	85-215	208-230	1	1-1/2	8-11	\$259.00
420885	85-225	220	1	2-3	14-17	\$259.00
420886	85-230	220	3	2	4.5-6.5	\$259.00
420887	85-240	208-230	1	3	10-15	\$259.00
420888	85-245	220	1	3	14-17	\$259.00
420889	85-255	220	3	5	11-14	\$259.00



iVac Switch Box

BCTINT iVac (Intelligent Vacuum) increases work shop cleanliness and safety by eliminating the distraction of turning dust collection system (DCS) on and off while operating potentially dangerous power tools. Easy-to-use unit features a 3-position switch (auto, on & off).

- Auto Mode starts DCS system when power tool is activated
- On Mode keeps DCS on for easy end-of-job cleanup
- Off Mode causes DCS to be off
- Turn on delay (0.5 to 2.0 sec.) avoids dual power surges from DCS & power tools being activated simultaneously
- Turn off delay (6 sec.) clears any remaining airborne debris
- 2 input power cords accommodate situations when large tools & DCS require more than the standard 15 amp AC outlet (each cord has built-in circuit breaker protection)
- Extends DCS life since it isn't inadvertently left on when not needed
- Compact, lightweight unit is easily wall mounted

ETL Safety Approval. Conforms to UL STD 244A & CSA STDC22.2 No. 14.

Stk.	Mfr.	Price
529500	SB-NA	\$55.70

“Would you like to schedule a call or meeting?”

Kevin Luft ext. 3105
kluft@midwesttechnology.com



GAS ENGINES



675 Series Engine

Briggs & Stratton No priming or choking required with Ready-Start® one-pull system. Delivers greater power and torque for mid- to heavy-duty applications.

- Large diameter rewind starter requires less pulling force

- Maxi-Clean™ pleated paper air filter provides superior protection for long engine life

- Lo-Tone™ muffler for quieter operation

Bore 2.69". Stroke 2.04". Fuel Tank 1.6 qt.

Stk.	Mfr.	Displacement	Oil Capacity	Price
228260	I26M02-1015	11.57 cu. in.	20 fl. oz.	\$233.00



950 Series Engine

Briggs & Stratton

- Horizontal engine, 3/4" x 2.420" crankshaft
- Dura-Bore cast iron cylinder sleeve for extended life
- Float carburetor for consistent easy starting

- Maintenance-free Magnatron electronic ignition for quick, dependable starts

- Dual-Clean air cleaner pleated paper filter with foam pre-cleaner ensures maximum protection for extended engine life

- Overhead valve design for cooler operation & longer valve life

- 2-yr. mfr.'s limited warranty

Stk.	Mfr.	Displacement	Oil Capacity	Price
228257	I30G32-0022-F1	208 cc	20 fl. oz.	\$305.00



Advanced Engine Training Kit

Briggs & Stratton Complete course curriculum for 20 students is refined from the Briggs & Stratton Authorized Field Service School, a widely acclaimed small engine training program in the industry. Developed from years of training experience and built around a textbook

written by the Customer Education Department, this program assures a thorough, in-depth study of Briggs & Stratton engines.

Benefits of using Briggs & Stratton® Training Kits include:

- Materials that are developed w/instructor & the student in mind
- Daily lesson plans will span through the semester
- Step-by-step tear down & assembly scripted lab procedures
- Power Point presentation that follows the textbook
- Engaging video & animations that help clarify difficult concepts & will excite students' interest
- Provided tool list takes the guesswork out & reduces operating cost

Includes engines, tools & instructional materials.

Please visit our website for the complete description of this kit.

Advanced Training Kit For 20 Students

Stk.	Mfr.	Price
203175	CE9001A	\$9,384.00

Engine Upgrade Module Module is an excellent way for schools with established air-cooled engine programs to upgrade to more modern components. **Includes** 10 ea. overhead valve engines 10 ea. repair manual OHV single cylinder, 3 ea. flywheel, 3 ea. flywheel strap wrenches, 3 ea. tool ring expanders & 3 ea. piston ring compressors.

Stk.	Mfr.	Price
203176	CE9028	\$4,169.00

OHV Engine Replacement Training Kit

Briggs & Stratton Use this kit to economically replace engines in the OHV Engine Training Kit CE9001 or supplement other training kits.

Includes 5 Overhead Valve Engines (125432-0036-F8 or similar model) & 1 OHV Engine Instructor's Reference CD w/Lesson Plans & Lab Procedures (CE3094).



Stk.	Mfr.	Price
203181	CE9041	\$1,986.00



L-Head 675™ Series Engine Training Kit

Briggs & Stratton Kit is designed for schools needing a basic entry-level kit using one of the most widely used engines for walk-behind lawn mower applications.

- Intended for smaller class sizes
- Get hands-on experience w/vertical shaft lawn mower engines
- CDs, textbook & workbook to help instructors enhance students' learning experience

Includes 2 L-Head 675 Series™ Vertical Engines (126M02-1015-F1 or similar model), 6 Small Engine & Equipment Maintenance Books (CE8155), 6 L-Head Repair Manuals (270962), L-Head Engine Instructor's Reference CD (CE3093), 4-Cycle Theory DVD (CE3070), Theories of Operation DVD (CE3013), Product Knowledge CD, Training in Parts Identification CD (CE3060), Small Engines Textbook (CE8020), Small Engines Workbook (CE8021), Small Engines Workbook Answer Key (CE8022), basic tool kit (19300) & torque wrench (19393).

Stk.	Mfr.	Price
203179	CE9039	\$1,565.00



Vanguard™ V-Twin OHV Engine Kit

Briggs & Stratton Designed to take the more advanced learners to the next level. Kit will give your students the chance to discover the working mechanisms of multi-cylinder engines. In addition, they will have the opportunity to understand the refinement of the Vanguard™ brand. Get hands-on experience

with twin cylinders, pressurized lubrication, electric start and alternators.

CD contains:

- How to look up parts & Operator Manuals
- Illustrated Parts List for Model 305447
- PowerPoint engine disassembly & reassembly
- V-Twin Model 305447 class outline
- Oil & fuel recommendations
- V-Twin teardown script
- Required tool list
- and more!

Includes 2 Vanguard™ V-Twin OHV engines, 4 gasket sets, 4 Vanguard™ V-Twin OHV repair manuals & V-Twin engine instructor's reference.

Stk.	Mfr.	Price
203185	CE9056	\$3,340.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.

SMALL ENGINE REPLACEMENT PARTS



Air Filter Elements
Briggs & Stratton

203203 203206

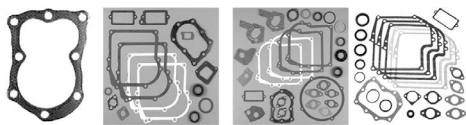
Stk.	Mfr.	Item	Price
203203	27987S	2-5 HP Horizontal	\$5.66
203206	270579S	3-3.5 HP Vertical	\$4.95



Air Filter Cartridges
Briggs & Stratton

203215 203221

Stk.	Mfr.	Item	Price
203215	392308S	2-5 HP Horizontal & Vertical	\$10.20
203221	491588S	3-3.5 HP Horizontal, 3.5-6 HP Quantum, 6 HP Vertical	\$5.92



Gaskets
Briggs & Stratton

203207 203223 203220 203224

Head Gasket

Stk.	Mfr.	Description	Price
203207	272157S	5 HP Horizontal & Vertical	\$5.06

Engine Gasket Sets

203223	590777	3-3.55 HP Vertical	\$14.30
203220	495602	2-3.5 HP Horizontal	\$24.20
203224	590508	For 126L02 & 126M02	\$17.70
203242	791797	For 122032	\$47.70
203244	795971	For 97322	\$27.80

Valve Gasket Sets

203240	498525	For 97322	\$14.90
203241	498528	For 126L02	\$11.60
203243	791798	For 122032	\$22.10



Magnetron Armatures
Briggs & Stratton Horizontal & vertical.

Stk.	Mfr.	Description	Price
203160	591420	2-4 HP	\$39.50
203222	397358	5 HP	\$37.60



Condenser & Breaker Assemblies
Briggs & Stratton 2 to 8 HP horizontal & vertical.

Stk.	Mfr.	Price
203208	294628	\$11.00

Starter Ropes

Briggs & Stratton

Stk.	Mfr.	Description	Size	Price
203212	790965	#4	200'L	\$28.30
203213	790966	#4-1/2	200'L	\$30.10



Needle Valves
Briggs & Stratton

203210 203217

Stk.	Mfr.	Description	Price
203210	299060	3-5 HP Vertical & Horizontal	\$8.89
203217	395508	3-4 HP Vertical	\$5.59



Starter Clutch
Briggs & Stratton For most rewind starter engines.

Stk.	Mfr.	Price
203218	399671	\$22.40



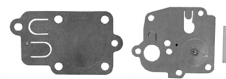
Recoil Spring
Briggs & Stratton For most rewind starter engines with clutch.

Stk.	Mfr.	Price
203219	490179	\$7.64



Fuel Line/Vapor Emission Hoses
HBD Industries Nitrile tube hose is suitable with lead or unleaded gasoline and many Ethanol and Methanol-based gasohol blends. Meets or exceeds SAE30R7 specifications. This hose is not to be used for fuel injected systems.

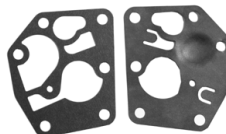
Stk.	Mfr.	Dia.	Length	Price
942876	25060	1/4"	25'	\$32.60
942877	25078	5/16"	25'	\$35.20
942878	25088	3/8"	25'	\$39.90



Diaphragms
Briggs & Stratton

203205 203214

Stk.	Mfr.	Description	Price
203205	270026	3-5 HP Horizontal	\$4.62
203214	391681	3.5-4 HP Vertical	\$13.20



Pulsa Prime Carburetor Diaphragm
Briggs & Stratton 3 to 3.75 HP vertical.

Stk.	Mfr.	Price
203225	795083	\$4.93



Magnetron® Kit
Briggs & Stratton Used to retrofit most 2-legged ignition armatures with breaker points.

Stk.	Mfr.	Price
203216	394970	\$21.40

Flywheel Key

Briggs & Stratton For most engines.

Stk.	Mfr.	Price
203204	222698S	\$3.24



Spark Plugs

Champion Small engine/lawn and garden spark plug.

Stk.	Mfr.	Type	Price
942879	8411	J8C	\$3.43
942807	8431	CJ8	\$3.41
942808	8451	J17LM	\$3.39
942670	4311	RC14YC	\$3.29
942671	8681	RJ19LM	\$3.89



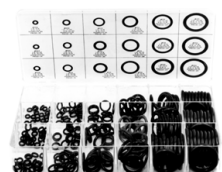
Roll Pin Assortment

Fastener Barn Replaces majority of pin requirements. Carbon steel pins, plain finish.

Includes plastic case, plus pins: 10 ea. (5/32" dia.) 5/8", 1" & 1-1/2", 10 ea. (5/64" dia.) 1/4",

1/2" & 1", 10 ea. (1/16" dia.) 3/16", 3/4" & 5/16", 10 ea. (3/32" dia.) 5/8", 1" & 1-1/4", 15 ea. (1/8" dia.) 5/8", 1" & 1-1/4", 10 ea. (1/4" dia.) 5/8", 1-1/4" & 1-3/4", 10 ea. (5/16" dia.) 3/4", 1-1/2" & 2", 5 ea. (3/8" dia.) 3/4", 1-1/2" & 2", 10 ea. (7/32" dia.) 5/8", 1-1/4" & 1-3/4" & 15 ea. (3/16" dia.) 5/8", 1" & 1-1/4".

Stk.	Mfr.	Qty./Pkg.	Price
485530	RP99	315	\$40.00



O-Ring Assortment

Fastener Barn For auto, small engine lawn mower, industrial & implement needs. Made of Buna-N, 70 durometer.

Includes case w/informational lid & O-rings.

Stk.	Mfr.	Qty./Pkg.	Price
485525	OR99	225	\$28.00



Snap Ring Assortment

Fastener Barn High quality carbon spring steel.

Includes plastic case, plus rings: (30) 1/4" (.250 dia.), (20) 5/16" (.312 dia.), (50) 3/8" (.375 dia.), (20) 7/16" (.438 dia.), (50) 1/2" (.500 dia.), (20) 9/16" (.562 dia.), (30) 5/8" (.625 dia.), (35) 3/4" (.750 dia.), (10) 13/16" (.812 dia.), (20) 7/8" (.875 dia.), (10) 1" (1.000 dia.), (5) 1-1/4" (1.250 dia.).

Stk.	Mfr.	Qty./Pkg.	Price
485542	SR99	300	\$40.00



Square Key Assortment

Fastener Barn Carbon steel keys with square ends. All 1-1/2"L.

Includes plastic case plus, (15) 1/8" x 1/8", (15) 3/16" x 3/16", (10) 1/4" x 1/4", (10)

5/16" x 5/16", (5) 3/8" x 3/8", (5) 1/2" x 1/2".

Stk.	Mfr.	Qty./Pkg.	Price
485538	SK99	60	\$45.00



Shop Assortment

Fastener Barn Includes plastic case plus:

- woodruff keys (25) 3/32" x 3/8", (25) 3/32" x 1/2", (25) 1/8" x 1/2", (40) 1/8" x 5/8", (50) 5/32" x 5/8", (25) 3/16" x 3/4"

- roll pins (20) 1/8" dia. x 5/8"L, (20) 1/8" dia. x 1"L, (20) 5/32" dia. x 5/8"L, (20) 5/32" dia. x 1"L, (20) 3/16" dia. x 1"L

- snap rings (25) 3/8" dia., (25) 1/2" dia., (25) 5/8" dia., (25) 3/4" dia.

- "E" Clips (25) 1/4" dia., (25) 3/8" dia.

Stk.	Mfr.	Qty./Pkg.	Price
485535	SA99	460	\$60.00



Woodruff Key Assortment

Fastener Barn Carbon steel, standard half-moon keys.

Includes plastic case, plus keys: 40 ea. of 3/8": (10) 1/6", (20) 3/32", (10) 1/8", 40 ea. of 1/2":

(10) 1/6", (15) 3/32", (15) 1/8", 95 ea. of 5/8": (10) 3/32", (30) 1/8", (50) 5/32", (5) 3/16", 55 ea. of 3/4": (20) 1/8", (10) 3/4", (20) 3/16", (5) 1/4", 20 ea. of 7/8": (5) 5/32", (5) 3/16", (5) 7/32", (5) 1/4".

Stk.	Mfr.	Qty./Pkg.	Price
485555	WK99	250	\$50.00

SMALL ENGINE TOOLS

20-Piece Small Engine Tool Kit

Briggs & Stratton Tools for repairing and working on 2 and 4 cycle gas engines.

Includes air gap gauge, alcohol fuel tester, carburetor jet screwdrivers (*small & large*), fuel line removal tool, master parts catalog, flywheel holder, tachometer, tang bender, flywheel pullers (*small, medium & large*), torque wrench, large flywheel puller, torquex start bits w/pouch, ignition tester, valve lapper, piston ring compressor (5 HP & below), valve lapping compound, piston ring expander, valve spring compressor.

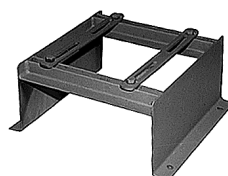
Stk.	Mfr.	Price
204315	19300	\$448.00

Small Gas Engine Repair Activity Set

Midwest Activity has necessary engine, tools and video DVDs to enable students to disassemble and reassemble small gasoline engines. Features Briggs & Stratton 3 HP horizontal shaft, 4-cycle gas engine with Flo-Jet carburetor and a small bench-mount stand to support the engine. Disassembly and assembly videos cover a step-by-step approach for tearing down an engine and rebuilding procedures including safety practices with correct removal processes.

Includes Briggs & Stratton gas engine, 10-piece screwdriver set, 20-piece small engine tool kit, Small Engine Assembly DVD set/3, Small Engine Disassembly DVD set/3, 18-piece allen wrench set, 18-piece 1/2" socket set, small engine stand, 14-piece combination wrench set, 1/2" torque wrench, 13-piece small motor tool panel & repair manuals.

Stk.	Mfr.	Price
537001	MW-ERM	\$2,295.00



Small Engine Stand

Greene Heavy-gauge steel stand adjusts to secure horizontal or vertical engines. Pre-drilled mounting bracket. All welded construction. Gray. 9-1/2" x 10" x 4".

Stk.	Mfr.	Price
433655	EL-40	\$114.00



Tachometer

Briggs & Stratton 800-50,000 rpm, 14-750 cycles. Vest pocket meter transforms vibration into rpm in a straight-forward gauge.

Stk.	Mfr.	Price
204136	19200	\$31.80



Hand-held Tachometer

KD Tools Hand-held unit checks revolution speed on diesels, pumps, compressors, power take-offs, etc. 100 to 4,000 clockwise or counter-clockwise. 2-3/4" dia., 4-1/4"L.

Stk.	Mfr.	Price
432780	2967	\$141.00



Ignition Spark Tester

Briggs & Stratton

Stk.	Mfr.	Price
203000	19368	\$24.80



Carburetor Jet Screwdrivers

Briggs & Stratton For removing most carburetor jets.

Stk.	Mfr.	Size	Price
203335	19061	3/16" x 5"	\$13.10
203402	19062	1/4" x 5-3/4"	\$13.70



Distributor & Carburetor Adjusting Tool

Zim 1/8" hex bit and screw drive adapter.

Stk.	Mfr.	Size	Price
988541	730	11"L	\$11.80



Beam Torque Wrench

Briggs & Stratton Range is 0 to 300 in./lb.

Stk.	Mfr.	Price
204327	19393	\$103.00



Plug Gauges

Briggs & Stratton

Stk.	Mfr.	Fits	Price
203871	19122	1/4" valve guide	\$12.00
203938	19151	5/16" valve guide	\$10.10



Blade Balancer

Arnold For checking the balance of the blade after sharpening. Allows for optimum cutting performance.

Stk.	Mfr.	Price
942809	SBB-102	\$3.97



Clutch Wrench

Briggs & Stratton Removes rewind starter clutches.

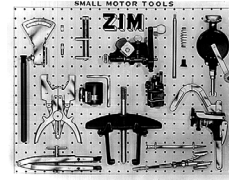
Stk.	Mfr.	Price
204273	19244	\$9.58



Flywheel Pullers

Briggs & Stratton

Stk.	Mfr.	Fits	Price
203737	19069	Small L-head engines to 6.5 HP & Europa	\$15.10
204005	19165	7-8 HP L-head engines & early 11 HP	\$15.10
204139	19203	Larger L-head & most OHV engines	\$15.60



Small Motor Tool Panel Set

Zim

Includes 19" x 25" panel, valve refacer, cylinder gauge, valve grinder, piston ring expander, vacuum cup, valve grinder, piston ring compressor, cylinder ridge reamer, piston groove cutter & cleaner, magnetic key inserter, valve spring compressor, gear puller & cylinder hone.

Stk.	Mfr.	Price
987067	SD-2	\$288.00



Cylinder Gauge

Zim Cylinder gauge for small engines, 1-3/4" to 3-1/4". May be preset to zero for checking small engines. Gauge, setter and 2 extension parts furnished in a plastic case with instructions. For Briggs & Stratton and other small engines.

Stk.	Mfr.	Price
987469	165	\$110.00



Cylinder Hone Set

Lisle Small cylinder hone for 1-3/4" to 2-3/4" cylinders. Stones are 3-1/2"L, assuring unusual accuracy. 3-Stone Set covers a full range of cylinder sizes and are easily changed.

Includes 16410, 16420 & 16430, 180 grit stone sets & case.

Stk.	Mfr.	Item	Price
503812	16000		\$220.00

Replacement Stone & Wiper Sets 180 grit. 3-1/2"L. **Includes** 2 stones & 2 wipers.

Stk.	Mfr.	Item	Price
503814	16410	1.75" to 2.2" Cylinder Range	\$22.60
503816	16420	2.05" to 2.5" Cylinder Range	\$22.60
503818	16430	2.35" to 2.75" Cylinder Range	\$22.60



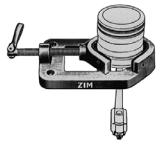
Self-aligning Small Cylinder Hone

Zim Range 3/4" to 2-3/4". No adapters needed to change size. An adjustment controls pressure in any size cylinder. Flexible shaft allows you to hone cylinders without removing the engines. Complete w/honing stones.

Stk.	Mfr.	Length	Price
988273	540	7-3/4"	\$23.90

Replacement Honing Stone Set

Stk.	Mfr.	Price
988340	541	\$6.67



Piston Vise

Zim Used to hold pistons, armatures or anything circular. Jaws lined with brake lining. Pistons cannot be scratched or injured. Piston range 2-1/2" x 5-1/2". New rings can be installed without removing the connecting rod.

Stk.	Mfr.	Price
987860	260	\$72.50



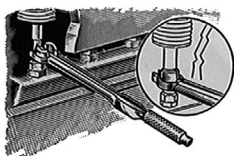
Ridge Reamer

Zim Designed to cut clear across the ridge. Employs a tilting combination cutter and stop.

Stk.	Mfr.	Range	Price
987871	287	2"-3"	\$48.60

Replacement Cutter

987268	P-70		\$3.39
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Split Valve Spring Keeper Inserter

Zim Universal tool for inserting all sizes of split and horseshoe type keepers. 1 hand operation will work either straight in or on an angle. Steel construction.

Stk.	Mfr.	Price
988608	820	\$8.79

Magnetic Key Inserters

Zim



For Briggs & Stratton engines. 1 end equipped with a permanent magnet for holding split valve locks. Other end is made to hold the locking pins used on some motors.

Stk.	Mfr.	Price
988742	842	\$8.61

For replacing split valve keys. Permanent magnets hold key snugly in the jaws of a pair of spring control levers on nonmagnetic stainless steel.

988675	840	\$13.10
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987938

Valve Grinders

Zim Special valve grinding bit, small spring and small vacuum cup, plus small self-locking stems.



988005

Stk.	Mfr.	Price
987938	301S	\$16.50

Replacement Cup For valve grinders.

Stk.	Mfr.	Price
988072	333	\$1.23

Vacuum Cup Single cup grinder. 3/4" dia.

988005	311	\$2.76
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Valve Lappers

Lisle Eliminate slippage with these valve lappers. The unique locking tab positively secures cups to sturdy, hardwood handles.

Stk.	Mfr.	Size	Price
503833	21100	1-1/8" & 1-3/8" dia. cups (for large valves)	\$8.22
503835	21200	5/8" & 13/16" dia. cups (for small valves)	\$7.99



Valve Grinding Compound

Briggs & Stratton Aids valve grinding and seating operations to remove burrs, surface defects, carbon, gum and corrosion. Can be used for lapping and grinding chromium. For hardened steel seats or cast blocks. Use for hand or machine grinding. Mixes with water to form an easy-to-use paste.

Includes fine & coarse valve grinding compounds.

Stk.	Mfr.	Size	Qty.	Price
228375	94150	2 oz.	2	\$24.60



Valve Spring Compressor

Zim For removing and replacing valve springs on Briggs & Stratton engines. Reaches into small recesses where valve springs and retaining washers are located. Arms, hinged together at one end, are practically parallel at the other. Cadmium-plated. Made entirely of steel.

Stk.	Mfr.	Price
987402	131	\$18.10



Valve Spring Compressor Model 16750

Lisle Tool makes spring compression and keeper removal simple because it doesn't require removal of the head. Adjustable cam action. No need to readjust the tool after each spring.

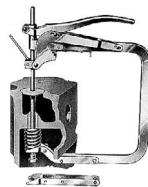
Stk.	Mfr.	Price
503822	16750	\$42.10



Small Valve Spring Compressor

Lisle For springs 3/4" to 1-1/16". Heavy-duty frame and screw for rigidity. 2 jaw sizes. Fits Briggs and Stratton, Clinton, Harley-Davidson, etc.

Stk.	Mfr.	Price
503841	23300	\$24.00



Valve Lifter

Zim One-hand lightweight C-type lifter leaves the other hand free to handle the valve spring keepers. Ratchet locks automatically at any position. 9" throat with full opening. 9" to handle most cars and lighter trucks. Cold rolled steel frame, hardened jaws.

Includes 2 adjustable jaws sets.

Stk.	Mfr.	Price
987300	116	\$46.10



Valve Lifter & Spring Compressor

Zim The hand wheel is turned counterclockwise to compress and turned clockwise to lift a spring. No ratchet is needed. All steel except handle. Wearing parts are heat-treated.

Stk.	Mfr.	Price
987335	122	\$20.00



Valve Refacer

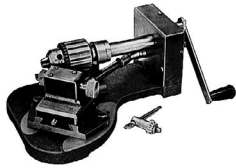
Zim Clamp directs the main spring into the machined V-block. Hold in a vise or screw to a bench.

Includes carbide cutter for small engine valves.

Stk.	Mfr.	Price
988206	516	\$23.70

Replacement Cutter

988139	515	\$11.10
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Refacing Lathe

Zim Hand operated lathe is compact, chatter and vibration proof. Handles 30°, 45° and 60° angle valves with up to 3/8" stems and valve heads to 2-1/4" dia. 2 universal joints are in the shaft. Feed is reversible and can cut in either direction. Base holes for work bench attachment. Lugs for use in vise.

Includes Jacobs chuck, carbide cutter & adjustable slide.

Stk.	Mfr.	Price
988225	525	\$474.00

Replacement Cutter

988228	526	\$25.10
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Deluxe Valve Refacer

Kwik-Way Fingertip control panel features valve counter, chuck speed control, separate switch positions for spindle and chuck motors, valve speed chart and machine maintenance chart.

- Precision 6-ball chuck (no collets to change)

- Self-aligning & accurate to 0.0005"
- Valve swivel plates adjust in 1° increments from 13° to 62°
- Grinding wheel is shielded by a protective housing
- Air-activated VS chuck to match the proper speed needed to grind a variety of valve material
 - 3-yr. mfr.'s limited warranty
- Self-contained 1 gal. coolant
 - Standard chuck capacity

Chuck capacity .1575" to .5625". Valve head capacity .75" to 4" dia. Stem 1.850"L. Valve wheel 7" dia. Surface wheel 3" dia. Spindle drive motor 1/2 HP. Chuck drive motor 1/12 HP gear drive. Coolant capacity 1 gal. Valve wheel speed 3,450 rpm/6,322 sfpm. Stem wheel speed 3,450 rpm/2,708 sfpm. VS chuck 100 to 300 rpm. Min. air requirement 65 psi. Tool size 37"L x 22"W x 16"H. Tool weight 330 lbs. (shipping).

Includes grinding wheel, 3 hex wrenches (1/8", 5/32" & 3/17"), 1 gal. grinding oil, chuck assembly tool, spanner wrench, diamond dressing tools for tip & face grinding, plus rocker arm attachment.

Stk.	Mfr.	Price
500700	012-0005-00	\$9,240.00

Valve Grinding Wheel

Stk.	Mfr.	Price
500680	010-0709-00	\$138.00



Neway Valve Seat Cutter Kit

Briggs & Stratton Tungsten carbide-bladed cutter set used to precisely machine multi-angle valve seats in all Briggs & Stratton engines (except 3L/C engines) in minutes.

Includes T-wrench, accessory kit, molded case & Cutter Bodies: 102 Cutter (1-5/16" dia. 31° x 46°), 103 Cutter (1-1/8" dia. 31° x 46°), 111 Cutter (1" dia. 60°), 124 Cutter (1-5/16" dia. 15° x 60°). Valve Guide Pilots: 100-1/4 solid pilot (1/4" dia.), 100-1/4+1 solid pilot (1/4" + .001" dia.), 100-9/32 solid pilot (9/32" dia.), 100-5/16 solid pilot (5/16" dia.), 100-5/16+1 solid pilot (5/16" + .001" dia.), 100-6.0 solid pilot (6.0mm dia.), 100-6.02 solid pilot (6.02mm dia.), 100-6.05 solid pilot (6.05mm dia.), 100-8.0 solid pilot (8.0mm).

Stk.	Mfr.	Price
204332	19547	\$691.00



Valve Spring Remover for Overhead Valve Engines

Zim Lifts out valve keys and spring without taking off cylinder head. Quickly adjusts to fit any valve spring. 1-man operation is speedy and simple. Hardened jaws.

Stk.	Mfr.	Price
987411	140	\$33.90



Ring Compressor

Zim Compressor takes all rings at once, including skirt rings. Self-locking, heavy-duty ratchet pawl prevents premature release. Tension band of high spring steel eliminates bottom flare. Approved for Briggs & Stratton and other small engines. 2" depth.

Includes wrench.

Stk.	Mfr.	Capacity	Price
987670	217	1/34"-3-1/2"	\$9.41



Piston Ring Expanders

Zim For installing and removing piston rings without the danger of breaking or distorting. No adjustment needed. All rings expanded whether step cut or diagonal cut. Approved for Briggs & Stratton.

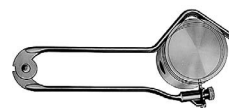
Stk.	Mfr.	Capacity	Price
987603	203	1-1/4"-2-1/4"	\$12.00
987600	201	2"-4"	\$17.10



Piston Groove Cutter & Cleaner

Zim Designed for limiting the depth of cut. Side flanges for slotted pistons. 5 points for grooving and 1 for trimming lands on 1 blade. Spring-and-ball ratchet controls alignment of blade. Cutter is hardened and ground.

Stk.	Mfr.	Capacity	Price
987804	225A	2"-3"	\$23.30



Piston Groove Cleaner

Zim Hardened cutter 5/64", 3/32", 1/8", 5/32" and 3/16". To change position of cutter, simply loosen the screw and turn, no wrench needed.

Stk.	Mfr.	Capacity	Price
987737	221	5-1/2"	\$11.70



O-Ring & Seal Pick

Lisle Angled tips quickly remove and install O-rings and seals even in hard-to-reach places.

Tips are hardened to stay sharp. Knurled handle for a sure grip.

Stk.	Mfr.	Price
503819	31840	\$6.57



Thread Repair Kits

Heli-Coil Inserts are precision-formed screw thread coils of stainless steel wire with a diamond-shaped cross section. When installed into Heli-Coil® tapped holes they provide permanent conventional 60° internal screw threads to fit any standard bolt or screw.

Includes 12 stainless steel inserts, tap & installation tool.

Stk.	Mfr.	Description	Price
942755	5521-4	1/4-20 Coarse	\$35.90
942756	5521-5	5/16-18 Coarse	\$35.90

ENGINE TOOLS



V-8 Engine Model

Revell See how an internal combustion engine works. As you turn the crank, each of the parts move, just like the real thing. Engine features moving pistons and connecting rods. A hand crank operates the pistons, camshaft rocker arms and valves.

A superb educational tool on the inner workings and construction of a V-8 engine. For ages 12+.

Includes rubber fan belt, vinyl ignition wires, display stand & screwdriver.

Stk.	Mfr.	Scale	Size	Parts	Price
688700	85-8883	1:4	12"L	314	\$72.90



Valve Spring Compressor Model 16750

Lisle Tool makes spring compression and keeper removal simple because it doesn't require removal of the head. Adjustable cam action. No need to readjust the tool after each spring.

Stk.	Mfr.	Price
503822	16750	\$42.10



Valve Spring Compressor Model 44300

Lisle High leverage valve spring compressor allows one-hand operation. Exceptionally strong, rigid frame works with nearly all valve-in head and L-head engines as well as truck and tractor engines.

Stk.	Mfr.	Price
503869	44300	\$95.10



Piston Ring Groove Cleaner

Lisle Heavy coil spring holds cutter in groove for fast removal of carbon. Handles pistons from 2-3/4" to 5" dia. Groover includes 2 easy-to-set cutter wheels with the following sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 1.5mm, 1.75mm and 2.00mm.

Stk.	Mfr.	Price
503840	24000	\$26.60



Piston Ring Compressors

Lisle Spring clutch assures proper fit on the piston and positive locking action. Designed to eliminate ratchet problems.

Stk.	Mfr.	Capacity	Height	Price
503831	21000	3-1/2"-7"	7"	\$37.10
503824	19500	2-1/8"-5"	3-1/2"	\$16.10



Take-apart Ring Compressor

Lisle Combines the spring clutch with take-apart feature necessary for Volkswagens, motorcycles, outboard motors, etc. Quick release provides easy removal from connecting rod. Can be used on conventional engines with narrow ring spacing.

Stk.	Mfr.	Capacity	Price
503821	19000	2-1/8"-5"	\$18.60



Wrinkle Band Ring Compressor

Lisle Cuts friction in half. Rings slide in easily. The wrinkle band can't slide down into the cylinder. Cam operation so only 1 adjustment is needed for a set of pistons.

Stk.	Mfr.	Capacity	Price
503837	21700	3"-5"	\$17.70



Piston Ring Installer

Lisle Tapered jaws remove and install most rings from 3/64" to 1/4" in passenger cars and light trucks. Reduces breakage of rings during installation.

Stk.	Mfr.	Price
503858	33500	\$8.22



Ridge Reamer

Lisle Complete ridge removal with a few easy turns. Stabilizer spring allows operator to take a selective cut to minimize chatter. Spring-loaded carbide cutter follows cylinder contour. Offset jaws assure rigidity throughout the range. Range 2-11/16" to 5-5/16".

Stk.	Mfr.	Price
503922	36500	\$72.20

Replacement Cutter

503923	36510	\$14.70
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Stone-Type Glaze Breaker

Lisle Controlled pressure assures positive, adjustable contact through full 2"-7" range. Stone arms are easily compressed to eliminate cylinder scratches. Operates with any electric drill.

Includes three 220 grit stones.

Stk.	Mfr.	Length	Qty.	Price
503823	23500	3"		\$32.10

Replacement Stones

503820	23520		3	\$9.09
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Dual Drive Oxygen Sensor Wrench

Lisle Use with 1/2" breaker bar to loosen stubborn oxygen sensors. Use a 3/8" ratchet on top for fast removal and installation. Fits oxygen sensors with a heat shield. Slotted body allows clearance for wire harnesses. Forged, heat-treated steel with 6-point design withstands high torque removal applications.

Includes 1/2" & 3/8" drive.

Stk.	Mfr.	Price
503753	12390	\$26.10



Serpentine Belt Tools

Lisle Releases tension on serpentine belts with a spring-loaded idler pulley. Reaches where conventional ratchets and breaker bars won't. Use to remove and install belts on most domestic and some import vehicles. Extension bars are for hard-to-reach areas.

Includes handle assembly, extension & 8 sockets (13-16mm, 18-19mm & 3/8" & 1/2" sq. dr.).

Ratcheting Tool Freewheel position for max. leverage or locks in ratcheting mode. Extension w/13 & 16mm socket drive holes.

Stk.	Mfr.	Price
503904	59000	\$86.30

Standard Tool Handle & extension w/13 & 16mm socket drive holes.

503795	59800	\$69.20
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Standard Clutch Alignment Tool

Lisle For faster, easier replacement of clutches. Align clutch plates and pilot bearings accurately. Shaft and bushings provide an accurate fit for 8 pilot bearing sizes. 2 turned sizes (1" & 1-1/8")

fit 90% of the clutch plates and cone handles the rest.

Stk.	Mfr.	Price
503887	55500	\$29.60



Universal Camshaft Bearing Tool

Lisle Will remove or insert camshaft bearings in nearly all engines from compact cars to heavy trucks. Range 1.125" to 2.69". The expander has a neoprene sleeve over which the split driving plugs are mounted and expanded to size. Includes 2 sets of rubber sleeves for driving thin wall bearings (.065") and thick wall bearings (.090").

Includes driving shaft, driving shaft extension, expander unit, 5 split driving plugs, 2 driving collars, centering cone, molded case & instructions.

Stk.	Mfr.	Price
503825	18000	\$209.00

FEELER GAUGES, SPARK PLUGS & TOOLS

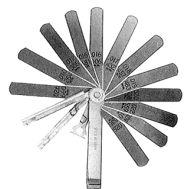


Nonmagnetic 6 Blade Feeler Gauge Set

Lisle Brass precision blades are nonmagnetic, for use in adjusting reductor air gap on electronic ignition systems.

Blades (in inches): .006, .008, .010, .012, .014, .016.

Stk.	Mfr.	Size	Blades	Price
503912	68200	1/2"W x 3"L	.006-.016	\$5.02



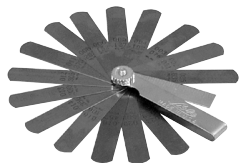
12 Blade Feeler Gauge Set w/Spark Plug Gapper

Lisle Six spark plug gap wires, electrode bending tool and 12 steel blades. Precision wires and blades for doing both spark plug and ignition system settings.

Blades (in inches): .010, .012, .015, .016, .017, .018, .019, .020, .022, .024, .025, .026.

Gap wire sizes (in inches): .025, .030, .034, .035, .040, .045.

Stk.	Mfr.	Size	Blades	Price
503906	67850	1/2"W x 3-1/2"L	.010-.026	\$8.70



15 Blade Feeler Gauge Set

Lisle Precision blades and 2" steel rule ensure accurate measurements.

Blades (in inches): .002, .003, .004, .005, .006, .008, .011, .012, .013, .014, .016, .018, .020, .022, .025.

Stk.	Mfr.	Size	Blades	Price
503910	67950	1/2"W x 3-1/2"L	.002-.025	\$6.24

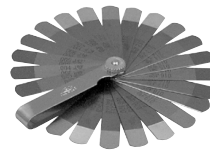


16 Mini-blade Feeler Gauge Set

Lisle Mini feeler gauge has precision steel blades to ensure accurate measurements.

Blades (in inches): .010, .012, .013, .015, .016, .017, .018, .020, .022, .024, .025, .026, .028, .030, .032, .035.

Stk.	Mfr.	Size	Blades	Price
503911	68000	1/4"W x 1-3/4"L	.010-.035	\$5.93



22 Blade Feeler Gauge Set

Lisle Precision stepped blades have a .002" step for accurate settings.

Blades (in inches): .004/.006, .005/.007, .006/.008, .007/.009, .008/.010, .009/.011, .010/.012, .011/.013, .012/.014, .013/.015, .014/.016,

.015/.017, .016/.018, .017/.019, .018/.020, .019/.021, .020/.022, .021/.023, .022/.024, .023/.025, .024/.026, .025/.027.

Stk.	Mfr.	Size	Blades	Price
503920	68150	1/2"W x 3-1/4"L	.004-.027	\$13.20



25 Mini-blade Feeler Gauge Set

Proto Master gauge set is etched in thousandths and nearest metric equivalent.

Blades (in inches): .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .020, .022, .025, .030, .032, .035, .040.

Stk.	Mfr.	Size	Blades	Price
894201	000AA	1/2"W x 3-3/16"L	.0015-.040	\$17.40

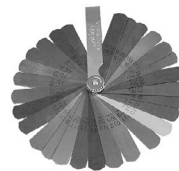


26 Blade Feeler Gauge Set

General High-grade precision gauge steel blades etched in thousandths. Conforms to GGG-G-17b.

Blades (in inches): .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025.

Stk.	Mfr.	Blades	Price
417975	226	.0015-.025	\$25.10



31 Blade Feeler Gauge Set

Lisle Deluxe-grade precision gauge steel blades.

Blades (in inches): .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025, .026, .028, .030, .032, .035.

Includes .010" brass blade.

Stk.	Mfr.	Size	Blades	Price
503924	68100	1/2"W x 3-1/2"L	.0015-.035	\$9.66



Spark Plugs

Champion Small engine/lawn and garden spark plug.

Stk.	Mfr.	Type	Price
942879	8411	J8C	\$3.43
942807	8431	CJ8	\$3.41
942808	8451	J17LM	\$3.39
942670	4311	RC14YC	\$3.29
942671	8681	RJ19LM	\$3.89



Standard Spark Plug Gapper

Lisle Sizes include .025", .030", .034", .035", .040", .045".

Stk.	Mfr.	Price
503908	67800	\$3.00



Spark Plug Gauge & Gapper

Lisle Gauges and gaps all types of spark plugs from .020" to .100" (.50mm to 2.53mm). Tapered edge for gauging spark plugs. Specially designed hole with flange adjusts side wire of plug without pressuring center electrode.

Stk.	Mfr.	Price
503794	67870	\$2.79



Electronic Ignition Spark Plug Gapper

Lisle Sizes include .035", .040", .044", .045", .048", .050", .060", .080".

Stk.	Mfr.	Price
503894	67900	\$4.00



Adjustable Spark Plug Wire Pullers

Lisle Plier jaws adjust to 5 different positions allowing easier access to spark plug boots.

Cushioned jaws grip the boot straight on or

from the side. Plastic handle grips help prevent shock.

Stk.	Mfr.	Price
503880	51750	\$30.10



Spark Plug Hole Thread Chaser

Lisle Double ended for 14mm & 18mm threads. Cleans threads in spark plug hole. Use with 13/16" spark plug socket.

Stk.	Mfr.	Price
503832	20200	\$8.22



Spark Plug Wire Tester

Lisle Check spark plug wires without piercing the wires. Light flashes indicating a sound wire.

Stk.	Mfr.	Price
503846	26900	\$11.40



Spark Indicator

Lisle Tests spark plugs, spark plug wires and coils without puncturing the wire.

Stk.	Mfr.	Price
503834	19380	\$10.50



Spark Plug Wire Puller

Lisle Puller provides quick and easy removal of spark plug wires without damaging the wire or rubber boots. Nylon construction.

Stk.	Mfr.	Price
503878	51500	\$4.33

SCRAPERS



Gasket & Carbon Scraper

Proto Gasket and carbon scraper has chrome-plated alloy steel blade with fire-resistant handle.

Stk.	Mfr.	Size	Price
909611	2336	12"L x 1-1/2"W	\$23.60



Gasket Scraper

Lisle Heavy-duty scraper with sharp, hardened steel blades remove carbon, old gasket material, adhesives, sludge and other hard to clean

substances from blocks, heads, etc. Tool will hold single edge razor blade for bumper stickers and decals.

Includes 3 blades (1", 1-1/2" & 2" widths).

Stk.	Mfr.	Size	Price
503877	51000	8"L	\$16.60

Replacement Blades 6/pkg.

503879	51120	1"W	\$4.09
503881	51130	1-1/2"W	\$5.84
503883	51140	2"W	\$6.36

PULLERS



Electrical Connector Separator

Lisle Quickly disconnects electrical connectors without damage. Tool is double-ended to fit different access angles.

Stk.	Mfr.	Length	Price
503926	13120	7-5/8"	\$11.10



Tri Fuse Puller

Littlefuse Molded design provides a natural grip when pulling fuses. Removes all glass and blade fuses, including miniature fuses.

Stk.	Mfr.	Price
943284	097023	\$4.68



Plastic Fuse Puller

Gardner Bender Tough, insulated fuse puller for 100-200 amp and 600V fuses. Puller adjusts to accommodate switch and fuse clips.

Stk.	Mfr.	Price
416590	FPE-20	\$5.06



Cotter Pin Puller

General Ideal for use in confined work areas.

Compound bend design allows user to extract cotter pins with a pull or twist motion. Heavy-duty plastic handle with comfort grip.

Stk.	Mfr.	Length	Price
417482	64	7-1/2"	\$9.53



Hose Remover Set

Lisle Removes hoses, moldings, clips, clamps, seals, o-rings, cotter pins, gaskets, etc. Long pullers are 13"L. Handles are dual durometer material for comfort and grip. Rods are heat-treated and plated.

Includes short & long hose removers, short & long offset removers & short double offset hose remover.

Stk.	Mfr.	Price
503914	80380	\$40.90



Mini Hook & Pick Set

GEARWRENCH Tools with unique shapes can leverage or pull parts, springs, cotter pins, etc. Mfr.'s lifetime warranty.

Includes 3-1/8" full hook, 3-1/8" 90° full hook, 3-1/8" straight hook & 3-1/8" offset hook.

Stk.	Mfr.	Price
433550	84040	\$20.40



Seal Puller

Lisle For oil and grease seals. Insert the tip of the tool behind the seal, press and pull. 2 tip sizes reach in and fit nearly all seal applications.

Stk.	Mfr.	Length	Price
503891	56750	12-1/2"	\$11.60



Steering Wheel Puller

Lisle Universal steering wheel puller for most makes and models. Screw pad protects end of steering shaft. Heavy-duty for long wear.

Stk.	Mfr.	Price
503871	45000	\$23.10



Harmonic Balancer Puller

Lisle Tool helps stop damage to pulley and shaft. Eases the operation of pulling the balancer pulley.

Includes body, puller screw, tip assembly, 3 washers, two 3/8"-16 x 3" bolts, three 5/16"-18 x 3" bolts & three 3/8"-24 x 3" bolts.

Stk.	Mfr.	Price
503873	45500	\$32.10



Harmonic Balancer Puller Set

Lisle Updated jaw design on damper puller provides greater strength. Clevis pins allow jaws to be quickly removed and replaced. Removes most automotive harmonic balancers.

Includes standard harmonic balancer puller, pulling screws & adapters (for 3300 & 3800

GM V6 engines) & updated harmonic damper pulley puller (for Chrysler, GM, Mitsubishi & Dodge), case.

Stk.	Mfr.	Price
503811	51700	\$159.00



Bearing Puller

OEM For removing flywheel pilot bearings with a slide hammer similarly threaded 5/8" x 18 or 3/4" x 16. Also useful to pull bearings and bushings on motors, generators and starters. 5-7/8" long.

Stk.	Mfr.	Capacity	Price
281200	27059	1 1/16" - 1-1/4"	\$21.10



Bearing Splitter

OTC Knife-like edges easily place behind the part to secure a gripping surface, even when clearances are extremely limited. Used with OTC's Grip-O-Matic® puller (puller jaws grip attachment's outer edge), or with a Push-Puller (puller legs are threaded into the attachment's 2 tapped holes).

Stk.	Mfr.	Capacity	Price
693292	1122	1/8" - 2"	\$48.60
693294	1123	1/2" - 4-5/8"	\$89.80



Power Steering & Alternator Pulley Puller

OEM Safely removes pressed-on 1 or 2-groove pulleys from alternators and power steering pumps. Fits most large and small pulleys in domestic and imported cars. Features rigid drop-forged jaws, solid block body and a fine thread screw for easy pulling.

Stk.	Mfr.	Price
281180	25190	\$29.20



Reversible Jaw Slide Hammer Puller

Proto Versatile tool for pulling jobs involving gears, bearings, outer races, grease retainers, oil seals, etc. Use 2 or 3 puller jaws for inside jobs such as bearing cups and outer races.

- 5 lb. slide hammer - removable for independent use
- 2 jaw capacity - inside 1-1/4" to 3-1/2", outside 1" to 4-1/2"
- 3 jaw capacity - 1-1/2" to 4-1/4", outside 1-1/2" to 4-1/2"

Stk.	Mfr.	Length	Price
924030	5049	27"	\$166.00



Silver Slapper 8-Way Slide Hammer Puller Set

OTC For pulling flange-type rear axles, stub-born oil seals and bearings, and other press-fit parts. Jaws can be set up for 2- or 3-way internal or external pulling jobs.

Includes 5 lb. slide hammer puller, rear axle pulling attachment, 3-way cross-head, dent puller attachment, 2-way cross-block, puller hook attachment, 3 pulling jaws for internal or external pulling jobs, cone & grip wrench adapter w/single lead (wrench sold separately).

Stk.	Mfr.	Price
693293	1179	\$163.00



Multipurpose Puller Set

OTC Assortment of puller tools provides a wide range of job versatility.

- 5 lb. slide hammer puller w/2- & 3-way reversible heads (2 or 3 jaws for inside & outside pulling jobs)
- Front hub puller for servicing front-wheel-drive cars (has spare locknut for use w/No. 1177 slide hammer for rear axle flanges)
- 2-ton combination, 2- or 3-jaw Grip-O-Matic® puller (3-3/8" reach, 4-3/4" spread)
- 5-ton combination 2- or 3-jaw Grip-O-Matic® puller (5-1/2" reach, 7" spread)
- Bar-type gear & pulley puller with 5-1/2"L screw & 2 hex head cap screws (3/8"-16" x 3"L, 1-1/2" to 4-1/4" spread)
- Bearing pulling attachment (use w/No. 1027 & 7393 pullers for 1/8" to 2" spread)

Includes 5 lb. hammer puller, hub puller, 2 sizes of OTC Grip-O-Matic jaw-type pullers, a bearing pulling attachment, cross-bar gear, pulley puller & molded case.

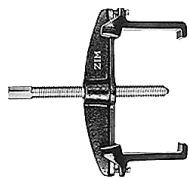
Stk.	Mfr.	Price
693295	1181	\$439.00



Pitman Arm Pullers For Cars & Trucks

Lisle Designed to work on even the most stubborn Pitman arm pulling jobs. Body is drop-forged and heat-treated for strength. 4-1/4" length, 1-5/16" jaw opening.

Stk.	Mfr.	Price
503921	41900	\$33.10



Gear Puller

Zim Takes dia. up to 6". Equipped with 1 pair of 3" arms. Crossbeam made of malleable iron. Jaws are made of drop-forged steel. For timing gears, pump shaft and magneto gears, generator and starter repairs.

Stk.	Mfr.	Price
988407	601	\$35.00



5-Ton, 2 Jaw Grip-O-Matic Parts Puller

OTC Mechanical puller removes and installs parts for fast, effective repairs. Forged from quality steel and heat treated. Reversible jaws. Exceeds rated capacity testing.

Stk.	Mfr.	Max. Reach	Spread Capacity	Price
693291	1024	3-1/4"	6"	\$48.60



Gear Pullers

Proto Toggle type pullers incorporate an automatic grip tightening

feature. They provide the means and power to pull gears, flywheels, pulleys and other parts where it is necessary to apply the arms between spokes and where no other puller can be applied. Pullers adjust and reverse using 3 parts: link with locking pin; link with 2 grooved pins and the jaw. Pullers have fewer parts, including pins which are pressed into the link. Forcing screws are forged from alloy steel and heat-treated.

2 Jaw Puller

Stk.	Mfr.	Spread	Reach	Capacity	Price
913970	4033	4"	3-1/2"	2 Ton	\$54.90

3 Jaw Puller

913974	4038	11"	9"	7 Ton	\$176.00
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3 Jaw Reversible Puller

913989	4046	7"	5-1/2"	5 Ton	\$107.00
913990	4047	10"	5-1/2"	7 Ton	\$170.00



Pitman Arm Wedge

OEM Easily removes Pitman arms. Insert wedge between the parts to be separated and hammer the end, breaking the parts free. Forged and heat-treated.

Stk.	Mfr.	Opening	Price
281190	27021	1-1/8"	\$16.20



Ball Joint Separator

OEM Separates stubborn ball joints from the steering knuckle. Insert tool between parts to be separated and hammer the end to break parts free. Makes replacement and disassembly of front suspensions and steering components easy. Forged, heat-treated wedged ends.

Stk.	Mfr.	Opening	Price
281188	25202	15/16"	\$12.30



Tie Rod End Puller

OEM Separates tie rod ends from the steering knuckles, idler arms and Pitman arms. Prevents damage to steering components. Heavy-duty alloy steel. Tapered fork wedge ends. 11-7/8"L.

Stk.	Mfr.	Opening	Price
281185	25201	21/32"	\$14.90

SUSPENSION



Inner Tie Rod Tool

Lisle Inner tie rod end sockets with a complete hex on the full length of the socket. The rounded socket ends prevent access to the wrench flats. Tool utilizes 6 crows feet (1-7/16", 1-3/16", 1-1/4", 1-5/16", 1-1/2", 33.6 mm) to engage wrench flats. Long socket slips over tie

rod end and connects to the crows foot. Inner tie rod can be removed and installed without removing the rack.

Stk.	Mfr.	Price
503870	45750	\$102.00



Universal Inner Tie Rod Tool

Mayhew Used to remove & mount inner tie rods on vehicles. Fits 35-45mm tie rods with no

additional interchangeable adapters. For use on round, hexagonal & octagonal tie rods. Extended shaft and narrow profile allows for use in hard-to-reach and confined spaces.

Stk.	Mfr.	Length	Price
528600	29910	16-1/2"	\$156.00



Suspension Strut Tool

Lisle Heavy duty clamps and bolts safely and securely hold spring during operation. Fits all strut spring sizes, import and domestic.

Stk.	Mfr.	Price
503902	62300	\$79.20

4-WD & FWD TOOLS



4-WD Bearing Locknut Tools

Lisle 1/2" drive. Not for use with impact wrenches.

For 4- & 6-Slot Applications Ford (3/4 ton) 1978 to present GM (3/4 & 1 ton) 1973-1981.

Stk.	Mfr.	Price
503849	27400	\$32.10

For 4-Slot Applications Chevrolet, GMC (1/2 ton) 1960 to present, Blazer, Scout, Bronco 1966 to present, Ford F-100 & F-250 1959 to present, Dodge, International (1/2 ton) 1969 to present.

Stk.	Mfr.	Price
503847	27250	\$23.60

CVTOOLS



CV Joint Banding Tool

Lisle For all CV joints using Band-It® and Band-It Jr.® type boot bands. Use 5/8" socket or wrench to wind and crimp new band on boot. Tool is easily disengaged from the band after tightening.

Stk.	Mfr.	Price
503735	30950	\$12.60

EXHAUST TOOLS



Exhaust/Strut Cut-off Tool

Lisle Cut-off tool has 4 knife-edged cutting wheels that cut quickly and cleanly. Can be operated with 1 hand. Less than 1/3 of a turn cuts all the way around the pipe. Unique design allows tool to "shift" to make out-of-round cut.

Big 1-3/8" to 2-1/2" range.

Stk.	Mfr.	Price
503851	31500	\$37.20



Tailpipe Expanders

Lisle Expanders remove grooves and round out pipes. 2 sizes fit most pipes. Use with wrench or impact tool.

Stk.	Mfr.	Size	Price
503853	32500	1-5/8" - 2-7/16"	\$44.10
503855	32750	2-3/8" - 3-1/4"	\$70.20



Heavy-duty Muffler Clamps

Nickson Heavy-duty clamp.

Stk.	Mfr.	Size	Price
942686	MA517178	1-7/8"	\$2.78
942687	MA517200	2"	\$2.78
942688	MA517214	2-1/4"	\$2.98

RADIATOR TOOLS



Hose Clamp Pliers

CHAN NEL LOCK

High-carbon, drop-forged steel pliers with wire cutter. PermaLock® fastener eliminates nut and bolt failures. Comfort grips.

Stk.	Mfr.	Length	Price
301498	558	8"	\$25.30



Ratcheting Hose Clamp Pliers

Zim Remove and install small or large hose clamps quickly and easily. Jaws swivel to hold clamps at any angle. Double V-slots in each jaw.

Reduce the effort necessary to spread the wire form and lock the pliers at any given point of expansion with the special-designed ratchet. Heat-treated for hardness and durability.

Stk.	Mfr.	Length	Price
988809	970	8-1/2"	\$13.60



Radiator Petcock Wrench Set

Lisle Open and close petcocks in radiators and any petcock that the wrench will fit. Works on most import and domestic vehicles. Made of 3/4" hex steel with black oxide finish. Can be used with a standard socket or open or boxed

end wrenches. Knurled end provides solid grip when used with fingers.

Includes long & short petcock wrench, plus vinyl pouch.

Stk.	Mfr.	Price
503945	60450	\$18.50



Antifreeze Coolant Tester

Prestone Quick, professional tester for freeze and boil-over protection. Allows inspection for rust and sediment.

Stk.	Mfr.	Price
942899	00469	\$7.03

AUTO CREEPERS & STOOLS



Plastic Low Profile Creeper

Lisle Plastic body-fitting creeper features optimal comfort with a 7/8" floor clearance. Urethane rollers are inserted into steel bushings providing superior strength and easy roller replacement. Easy-to-clean surface is resistant

to solvent, grease and fuel. Red.

Stk.	Mfr.	Size	Price
503934	92102	38"L x 17-1/2"W x 4"H	\$90.80



Tubular Steel Low Profile Creeper

Lisle 36" tubular steel frame. High-quality 1/2" plywood bed. 2" ball bearing wheels for a smooth, easy glide.

Stk.	Mfr.	Size	Price
503938	96102	36"L x 17"W	\$77.50



Padded Low Profile Creeper

Lisle Fully-padded creeper on a 42" tubular steel frame. Heavy-duty vinyl pad offers maximum comfort. 2" ball bearing wheels for a smooth, easy glide.

Stk.	Mfr.	Size	Price
503937	96302	42"L x 17"W	\$93.80



Creeper Seat/Step

Lisle 300 lb. capacity ergo-design creeper can be rotated onto rubber feet to make a 14"H step. Tubular steel legs have outrigger design for extra stability. Spacious storage tray below seat keeps tools, test equipment and parts within easy reach. Perfect for brake service, body work, tire service and wheel balancing. 2" ball bearing wheels glide smoothly.

Stk.	Mfr.	Size	Price
503943	93402	21"L x 15"W x 17"H	\$158.00

INSPECTION & RETRIEVING TOOLS



Mechanical Pickup Tool

General Strong 4-prong steel jaws retrieve small items from hard-to-reach places. Fully flexible with a 24" reach.

Stk.	Mfr.	Length	Price
418756	396	24"	\$9.44

Installation Available
for Equipment & Furniture.
Pricing Upon Request • 800-831-5904



Straight Magnetic Pickup Tool

Lisle Will retrieve parts and tools from hard to reach places. Magnet is shielded to concentrate magnetic field. Super strong neodymium magnet and extends from 14-1/2" to 23-1/4".

Stk.	Mfr.	Length	Price
503852	31000	14-1/2" - 23-1/4"	\$15.20



Flex-O-Stiff Magnetic Pickup Tool

General Magnetic pickup tool has an 18" flexible or stiff pickup, with an extra long 32" retriever, by simply reversing the stiff wire section and threading it into the handle. Lifts up to 2 lbs.

Stk.	Mfr.	Length	Price
418675	384N	32"	\$12.90



Flexible Magnetic Pickup Tool

General For retrieving steel parts in hard-to-reach spots. Magnet is 6x more powerful than a cobalt magnet of the same size and density. Knurled aluminum body has flexible 15" wire. 20"L. Lifts up to 2 lbs.

Stk.	Mfr.	Length	Price
418755	395	20"	\$8.91



Pocket-size Magnetic Pickup Tool

General Handy for retrieving screws, bolts, metal shavings, wrenches and other tools. High-powered Neodymium magnet offers a 2 lb. pull. 5-1/2"L lightweight knurled aluminum body with a pocket clip.

Stk.	Mfr.	Length	Price
418743	386	5-1/2"	\$7.00



Inspection Mirrors

General Mirrors allow inspection of inaccessible workpieces and machines. Fully-polished mirrors enclosed in plated holders and attached to knurled handles with ball and socket joints. 557 offers telescoping arm and vinyl cushion-grip handle.

Stk.	Mfr.	Length	Dia.	Price
418960	555	8"	1-1/4"	\$8.87
418962	557	10-1/2" - 15"	2-1/4"	\$12.10



Magnet & Mirror Inspection Retrieval Kit

Mayhew Telescoping w/changeable heads Stainless steel shaft ABS handle w/cushion grip 360° swivel.

Includes 14 lb. capacity telescoping magnet w/swivel head & telescoping acrylic 1-3/4" x

2-1/2" mirror w/swivel head.

Stk.	Mfr.	Length	Dia.	Price
528605	17705	7-1/2" - 32"L	1-3/4" x 2-1/2"	\$42.40



Mechanic's Stethoscope

Lisle Unique sound chamber and super thin diaphragm greatly amplify sounds. Quickly pinpoints the source of noises in engines, transmissions, differentials and bearings.

Stk.	Mfr.	Price
503882	52500	\$19.60

GREASE GUNS & SUPPLIES



Pistol-grip Grease Gun

Plews Two-way loading with either 14 oz. cartridge or suction bulk. Delivers up to 5,000 psi.

Includes 3-1/2" grease pipe & coupler.

Stk.	Mfr.	Length	Price
617140	30-300	3-1/2"	\$22.40



Lever-action Grease Gun

Plews 10,000 psi, electronically-coated gun.

Stk.	Mfr.	Price
942968	30-200	\$19.20



Suction Grease Gun

Lubrimatic Designed for draining and filling noncorrosive liquids. Barrel holds approximately 1 pint with 9" stroke. 12" plastic hose. Durable corrosion resistant finish.

Stk.	Mfr.	Price
942970	30-118	\$19.10



Lithium Grease Cartridge

Warren Multi-purpose grease provides outstanding lubrication and protection in a wide range of temperatures, operating conditions and applications. Made of fine quality base oils, lithium, 12 hydroxy-stearic acid and additive systems.

Stk.	Mfr.	Size	Price
942662	MG610014	14 oz.	\$4.40



Flexible Grease Gun Hose

Plews Flexible hose for hand-operated grease guns. 1/8" NPT male threads (both ends), working pressure 3,000 psi, burst pressure 12,000 psi.

Stk.	Mfr.	Length	Price
942973	10219	18"	\$11.20



Universal Bearing Packer

Lisle Fast, efficient and thorough bearing packer. Place the bearing between the plastic cones, tighten and apply grease through the fitting on the end of the threaded shaft. Forces out old grease and evenly injects fresh grease.

Stk.	Mfr.	Price
503905	65250	\$11.40



Handy Packer Bearing Packer

Lisle Quickly flush out old grease and repack bearings with less mess. Grease stays in the tool cavity, keeping hands clean. To pack, place unit on the piston, press down on the cap until the old grease is forced out and replaced by new grease.

Stk.	Mfr.	Size	Price
503862	34550	Up to 3-1/2" O.D.	\$27.60



Premium Wheel Bearing Grease

Pennzoil High-performance grease providing high-temp protection and resistance to water washout. Extreme-pressure properties and high dropping point. Use for vehicles with disc brake and ABS systems. Ideal for chassis lubrication. Premium red color. Exceeds NIGI GC-LB specification.

Stk.	Mfr.	Size	Price
943202	7771	16 oz.	\$7.80



Bearing Race & Seal Driver

Lisle For inserting bearing race straight on the first try. Helps reduce damage to both race and axle housing. 6 disc sizes (1.565", 1.775",

1.965", 2.325", 2.470" and 2.555") fit most standard bearing race sizes. Turn discs over to drive seals.

Stk.	Mfr.	Price
503804	12600	\$39.10

FUNNELS



Polyethylene Funnel

Little Giant Heavy-duty, corrosion-proof polyethylene plastic funnel for use with any chemical. Rust-proof funnel made of heavy-gauge construction with brass filtering screen and hang hole.

Stk.	Mfr.	Size	Price
942934	100021	6 Qt.	\$8.24



Polyethylene Funnel

Blitz Made of durable high-density polyethylene.

Stk.	Mfr.	Size	Price
942932	05015	8 oz.	\$1.47
943159	05007	16 oz.	\$1.43
943245	05064	2 qt.	\$1.86



Transmission Funnel

Blitz Perfect for hard-to-reach jobs, funnel aids in the delivery of transmission fluid and adjusts to any angle. Tough high-density polyethylene.

Stk.	Mfr.	Price
942931	06064	\$2.88



Threaded Oil / Transmission Funnel

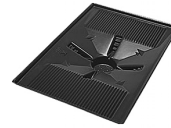
Lisle Use 2-piece funnel separately or threaded together for a longer funnel. Larger section screws into threaded oil filler openings (found on many Ford pickups & Dodge, Jeep & Chrysler cars mini vans & SUVs, also works on some Honda, Acura & Nissan vehicles) to keep the funnel upright for quick, mess-free oil fills.

Smaller funnel's diameter is narrow enough to fit transmission filler holes.

Stk.	Mfr.	Price
503733	19802	\$7.74



503747



503748

Transmission Drain Funnel

Lisle Heavy-duty funnel extends the catch area of any lift drain to catch loose parts. Flexible funnel returns to its original shape if run over.

Stk.	Mfr.	Size	Price
503747	17892	22" x 23"	\$39.00

Super Transmission Funnel w/fluted edges Fits Ford E 40D & can be used for draining oil filters.

Stk.	Mfr.	Size	Price
503748	17902	22" x 36"	\$59.90

OIL CHANGING TOOLS & SUPPLIES



Filter Wrench

Lisle Low profile 1-1/4" socket removes and installs oil filters on 2.2L GM Ecotec engines. Not for use with impact wrench. 3/8" drive.

Stk.	Mfr.	Price
503936	14700	\$10.50



End Cap Oil Filter Wrench Set

Lisle For use on most domestic and import vehicles. Wrenches have been improved by adding welds to hold a steel disc to the top of the wrench in addition to spots welds which will greatly increase its strength.

Includes 1 ea. of 65mm - 14 Flute, 65/67mm - 14 flutes, 68mm - 14 flutes, 74/76mm - 15 flutes, 76mm - 14 flutes, 76mm - 30 flutes, 80mm - 15 flutes, 86mm - 16 flutes, 93mm - 15 flutes, 93mm - 36 flutes, plus molded case.

Stk.	Mfr.	Price
503944	61450	\$79.20



Oil Lift Drain

Lisle Drain with quick-release lock ring has specially-shaped jug that holds 8 gal. Hot oil won't warp reinforced base. Wide working range from 36.5" to 74". Lower center of gravity for increased stability and four 2.5" ball bearing wheels that swivel and roll easily. Also has a heavy-duty adjustment clamp, large handle and big pour spout with threaded cap. Large 15" funnel has strainer built-in to catch drain plugs.

Stk.	Mfr.	Size	Price
503746	11102	22" x 33"	\$126.00



Metal Drain Pan

S-K Seamless, galvanized steel utility drain pan. Rolled rim and ribbed bottom for extra strength. For oil draining and parts.

Stk.	Mfr.	Size	Price
943011	17007	13 Qt.	\$10.20



Easy-pour Plastic Drain Pan

Blitz For easier, cleaner oil changes. Fluids drain directly into large opening. Pan is resistant to chemicals and solvents. Won't rust, dent or corrode.

Stk.	Mfr.	Size	Price
942933	05070	7-1/2 Qt.	\$5.39



Swivel-grip Wrenches

Lisle Swivel handle clears obstructions and makes it easy to turn filters in hard-to-reach locations. Also features gripper teeth and 1" wide stainless steel band. Easy-grip vinyl covered handle.

Stk.	Mfr.	Range	Price
503884	53700	2-7/8" - 3-1/4"	\$10.80
503896	53500	3-1/2" - 3-7/8"	\$10.80



Oil Filter Pliers

Lisle Two-position, slip-joint handled pliers produces the range of 3 separate conventional filter wrenches. The sure grip teeth prevent slipping. Cushioned handle adds comfort. Also works on fuel filters and radiator caps.

Stk.	Mfr.	Range	Price
503876	50750	2-1/4" - 4"	\$36.10

Oil Pan Plug Rethreading Kit

Lisle Removes damaged thread and taps a new oversize thread. Tool ensures new thread will be perpendicular to gasket surface to prevent leakage. Works on soft steel and aluminum oil pans with 1/2", 12 and 14mm threads.

Includes piloted drill, spring-loaded tapping tool, 5 magnetic drain plugs & molded case.

Stk.	Mfr.	Price
503807	58850	\$130.00



10-Ton Air Operated Oil Filter Crusher

OTC Crushes up to 4 automotive filters at one time, in just 20 seconds. 100% air operation eliminates electrical connections. The generous size crushing chamber (9"H) easily accommodates the largest automotive spin-on filters on the market.

Stk.	Mfr.	Price
693305	1821	\$2,544.00



Absorbent

Oil-Dri Heavy-duty industrial oil absorbent, soaks up liquid spills from floors, provides traction on snow and ice.

Stk.	Mfr.	Size	Price
943283	101008	8 lbs.	\$13.20
942802	05080	50 lbs.	\$40.20



Kleen Sweep™

Akona Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
942859	1815	50 lbs.	\$42.10

STANDS, JACKS & LIFTS



Heavy-Duty Jack Stands

Ranger Constructed out of welded steel and feature a ratchet and pin safety design so they remain locked under load. Use them in pairs for automotive and fleet services as well as agricultural and construction equipment service facilities.

3-Ton

Stk.	Mfr.	Height	Base	Weight	Price
235570	RJS-3T	11-1/2" - 17"	7" x 7-1/2"	22 lbs.	\$86.40

6-Ton

Stk.	Mfr.	Height	Base	Weight	Price
235571	RJS-6T	15-1/2" - 24-1/2"	9" x 10-1/2"	32 lbs.	\$128.00



Bottle Jacks

J E T Ideal for lifting, pushing, spreading, bending, pressing or straightening requirements. These units feature electrically-welded base and cylinders to ensure strength and eliminate leaks.

- Not affected by temperature extremes
- Factory proof tested

- Low profile truck or standard models
 - Adheres to ANSI/ASME B30.1 & PALD-I standards
 - Works in upright, angle or horizontal position
 - Common release valve assemblies & quick repair interchangeable parts
- Includes** pump handle.

3-Ton Base 4-9/16" x 2-13/16". Weight 5 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
485882	JHJ-3	4-1/2"	7-1/2"	14-3/8"	\$74.40

8-Ton Base 6" x 3-1/2". Weight 12 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
485883	JHJ-8	4-5/8"	7-7/8"	15-1/2"	\$131.00

12-1/2-Ton Base 6-1/2" x 4-1/8". Weight 17 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
485884	JHJ-12-1/2	5-7/8"	9-1/2"	18-1/2"	\$149.00



2-1/4-Ton Floor Jack

Ranger Capable of handling a full 4,500 lb. load, this floor jack is made out of heavy gauge steel to ensure maximum durability under tremendous pressure. Exceeds all ANSI standards in performance and safety.

- Alloy-plated ram
 - Swivel casters for easy mobility
 - Sealed hydraulics prevents contamination
 - Welded lift arm assembly
 - Built-in safety overload valve
- Chassis 26"L. Front 10-3/4"W. Rear 13-1/2"W. 84 lbs.

Stk.	Mfr.	Height	Price
235573	RFJ-214T	5" - 18-1/2"	\$279.00



3-Ton Super-Duty Floor Jack

Ranger Professional grade garage floor jack that sports a 6,000 lb. maximum lifting capacity and flanged side plates for extra strength where you need it most. Double-sealed hydraulics and a sturdy steel construction help to protect your investment, while the clever universal-joint release system and roller cam plunger assembly make operation a breeze.

- Swivel casters for easy mobility
 - Built-in safety overload system
- Chassis 28"L. Front 11"W. Rear 14-1/2"W. 98 lbs.

Stk.	Mfr.	Height	Price
235574	RFJ-3T	4-3/4" - 20-1/2"	\$327.00

5-Ton Service Jack



Stinger Built-in safety overload prevents using the jack beyond its rated capacity. Handle lock and release control are located on top of the 40" spring-loaded handle. Foot pedal speeds lifting operation.

- Handle can lock in any position from vertical to horizontal
 - Adheres to ANSI/ASME PALD-10 standards
 - Safety overload
- 56"L. 232 lbs.

Stk.	Mfr.	Capacity	Height	Saddle	Price
693301	1505B	5 ton	6" - 22"	5-1/8"	\$882.00

2-Ton 10' Lift Chain Hoist



JET Lightweight, compact design ideal for low head room applications. All steel construction with durable powder coat finish.

- Cast steel safety latch
 - Proof tested w/certificate
 - Sealed ball bearing supported load sheave
 - Triple-spur gears for high efficiency w/minimum effort
 - Heat treated & hardened 100 grade load chain
- Smooth, rolled edge chain cover prevents jamming
 - Fused disc brakes offer longer life & ease of replacement
 - Drive pinion supported on both ends w/sealed ball bearings
 - Drop forged steel safety hooks feature wide throats for easier rigging

Capacity 4,400 lbs. Weight 44 lbs.

Complies w/OSHA,ANSI/ASME B30.16 & HST-2 standards.

Stk.	Mfr.	Lift	Head Room	Pull to Lift Capacity	Price
485744	L100-200-10	10'	14-3/4"	79 lbs.	\$462.00

1-Ton Folding Engine Stand



Ranger Sturdy, wide-base design prevents tipping under load. Front swivel casters. Reinforced neck eliminates flex. Slotted adjustable saddle for quick and easy installation.

- Folds upright to conserve floor space
- Heavy steel construction for max. durability
- Long rubber-grip handle eases positioning
- Head swivels 360° to easily position engine
- 4-wheel design provides max. stability

Stk.	Mfr.	Capacity	Height	Base	Weight	Price
235580	RES-1TF	2,000	37.5"	41" x 27.5"	106 lbs.	\$251.00

Folding Shop Crane



Bendpak 4,400 lb. capacity heavy-duty hydraulic folding engine hoist is perfect for shops that have limited space but still need the pure lifting convenience of a crane. 2-ton folding shop crane sports a 1" to 93" lifting range and features a 4-hole position boom and rugged hydraulic ram.

Quick-release ring pins make setup and teardown a snap. Heavy steel construction ensures maximum durability and the 4-position boom is reinforced, so flex isn't an issue. Heavy-duty steel casters with safety brake on front casters. Wide base for maximum stability.

Includes heavy steel hook w/safety latch.

Stk.	Mfr.	Price
235587	RSC-2TF	\$489.00

Transmission Jack



OTC Innovative folding foot pedal and release provides precise ease of control when positioning or removing a transmission.

- 1,000 lb. capacity
 - Universal mounting head provides 10° of fore, aft & lateral tilt range
 - 2-stage hydraulic cylinder design reduces force required to lift heavy transmissions
- Lifting range from 37" to 73-3/4"
 - ANSI/PALD compliant

Includes casters & ergonomic handles.

Stk.	Mfr.	Price
693429	5237	\$2,619.00

10,000 lb. Capacity Two-Post Lift



Bendpak Exceptional direct-drive asymmetric lifting performance with the ability to open vehicle doors while it's raised, without sacrificing drive-thru clearance. Fits in shops with ceilings higher than 12'.

- Expandable top beam accommodates wide or narrow configurations
- Padded overhead safety shutoff bar
- Single-point safety release
- 30° rotated single-piece columns
- Exclusive Tru-Metric arm design for versatile arm positioning
- Drop-end arms provide a lower pad height
- Dual hydraulic direct-drive cylinders
- Over-sized 53" tall carriage for superior strength & durability
- Electric/hydraulic power system
- Large, 17" x 19" A36 steel base plate
- Self-lubricating dura-glide UHMW polyethylene bearing system
- Safety locks in each column spaced every 3"
- Automatic arm restraints
- Heavy-duty 1/2" aircraft-quality equalizer cables
- Oversized cable sheave diameter reduces cable fatigue
- 8-piece truck & van adapter set standard
- Triple-telescoping arm design
- Versatile drop-in contact pads w/stackable adapters

Rise 69"H. Column 145"H. Lift time 45 sec.

Drive-through clearance 89" to 102". Ceiling requirement 12'H.

220V, 1 phase. Load per arm 2,500 lb.

Size 145"H x 145"W. Weight 1,798 lbs. (shipping).

ETL approved.

Stk.	Mfr.	Price
235600	XPR-10A	\$3,661.00

Please visit
midwesttechnology.com
 for the complete specifications
 of the products listed on this page.

HYDRAULIC PRESS EQUIPMENT



Hydraulic Presses

J E T For pressing, bending and straightening operations. Hand-operated with pressure gauge for direct pressure readings. Easy-to-use.

- Side frames are open for inserting long material
- Fast set-up ram extension screw
- 2-yr. mfr.'s warranty

Includes 2 bed plates & pump handles.

15-Ton Ram 2-1/2" dia. Piston stroke 4-1/2". Screw stroke 3-1/8". Vertical table travel 22-3/16". Lateral movement 10-3/16". Work table 23-3/4" x 7-1/2". Size 34"L x 30"W x 66"H. Weight 435 lbs.

Stk.	Mfr.	Price
486033	HP-15A	\$2,246.00

5-Ton Ram 1-3/4" dia. Piston stroke 4". Screw stroke 3". Vertical table travel 15-3/4". Work table 19" x 5-1/2". Size 24"L x 26"W x 52"H. Weight 192 lbs.

486032	HP-5A	\$1,237.00
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20-Ton Commercial-Grade Hydraulic Shop Press

Ranger Robust 20-ton press designed for heavy use. Ideal for removal and installation of gears, bushings and bearings. Also excels at bending, straightening and flattening.

- Integrated 4" dia. 20-ton pressure gauge
- Hydraulic cylinder moves laterally for versatility
- Independent 2-speed hydraulic pump for maximum performance

- Heavy steel construction
- Adjustable table height (7-1/2" - 36-1/4")

Size 60-1/4"H x 37"W x 27-1/4"D. Weight 255 lbs. (shipping).

Includes 2 heavy-duty press plates.

Stk.	Mfr.	Price
235581	RP-20HD	\$856.00



20- & 30-Ton H-Frame Hydraulic Presses

Baileigh Ridged, fully welded main frame with industrial grade hydraulic components for years of use.

- Full working width 19" (HSP-20A) or 22.5" (HSP-30)
 - Easily adjustable table
 - Electro-welded steel plate w/solid cross members
- Stroke 7.5" (HSP-20A) or 5.9" (HSP-30).

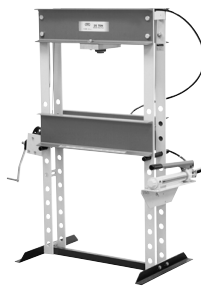
Includes vee block set.

Stk.	Mfr.	Price
222590	HSP-20A	\$1,148.00
222591	HSP-30A	\$1,438.00

CAN'T FIND IT?

We have access to 1,000's of Products not listed here.

Call us for assistance. 800-831-5904



25-Ton Capacity Hydraulic Shop Press

OTC Tough, economical press is ideal for pressing rear axle bearings, piston pins and more. Large 30" x 46" work area under ram makes positioning of even bulky work easy. Press bed is easily raised and lowered by lifting mechanism.

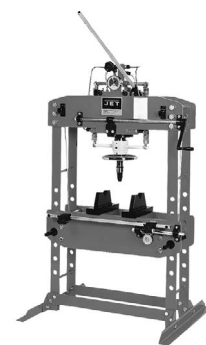
Stroke length 5-3/4" - 46". Size 69-1/2"H x 30"W.

Includes hydraulic hand pump, gauge, hose (1/4" ID x 6'), hydraulic ram w/6-1/4" stroke & pump mounting bracket.

Stk.	Mfr.	Price
693307	1833	\$3,139.00

Accessory Set Attach to ram's forcing screw or support work on the press bed. **Includes** bearing pulling attachment, 2 ram pushing adapters (3/4" dia. shank & 1" dia. shank), V-pushing adapter, 11-1/2" long V-blocks, ram forcing cap & threaded adapter.

Stk.	Mfr.	Price
693316	1881	\$674.00



35-Ton Hydraulic Press

J E T For pressing, bending and straightening operations. Hand-operated with pressure gauge for direct pressure readings. Easy-to-use.

- Side frames are open for inserting long material
- Tables raise & lower easily w/use of hand crank
- Fast set-up ram extension screw
- Ram moves laterally for added versatility
- Straightness testing support uses centers or v-blocks
- 2-yr. mfr.'s warranty

Ram 3" dia. Piston stroke 4-3/4". Screw stroke 4". Vertical table travel 23-5/8". Lateral movement 15". Work table 31" x 10-3/8". Size 43"L x 34"W x 69". Weight 783 lbs.

Includes 2 bed plates & pump handles.

Stk.	Mfr.	Price
486034	HP-35A	\$3,776.00

GENERAL TOOLS



Fender Protector

Lisle Heavy-duty, long-wearing foam vinyl pad. Protects the car while providing a convenient place to hold small tools and parts.

Stk.	Mfr.	Price
503843	24750	\$31.60



Double Flaring Tool Set

Lisle Makes both single and double SAE flares. Set includes everything to flare thin wall steel, aluminum or .040 wall soft copper tubing. Set includes 5 thread dies and adapters for forming double flares on the following tubing sizes: 3/16", 1/4", 5/16", 3/8" and 1/2".

Includes long bar, 3/16" adapter, 1/4" adapter, 5/16" adapter, 3/8" adapter, 1/2" adapter, instructions & storage tray.

Not for use on stainless steel tubing.

Stk.	Mfr.	Price
503907	31310	\$50.20



Right Angle Ratcheting Screwdriver

Lisle Fits where a regular screwdriver can't. Place handle over bit and turn. Reverse handle on bit to tighten. Use also with 1/4" round shaft screwdriver. Ratcheting action with infinite settings.

Includes straight slot & #2 Phillips bit assemblies.

Stk.	Mfr.	Price
503901	64250	\$17.10



Nut Splitting Tool

General High-grade, heat-treated steel tool for removing frozen, hard-to-remove rusted nuts. Angled body gets into tight spots. Splits nuts up to 1/2" automotive series.

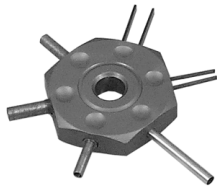
Stk.	Mfr.	Length	Price
417955	175	4-3/4"	\$31.20



Throttle Pedal Depressor

Lisle Holds throttle at constant rpm. Simply engage the nylon hook under the steering wheel and extend the depressor rod to the accelerator pedal. Adjustment screw fine tunes the rpm level. 40"L.

Stk.	Mfr.	Price
503744	48700	\$34.10



Terminal Tool

Lisle Eliminate damaged wires and terminals. Removes wires from terminals without damage to either. Prongs depress the "barbs" on conventional terminals.

Stk.	Mfr.	Price
503889	56500	\$13.70

TESTING EQUIPMENT & SUPPLIES



Heavy-duty Remote Starter Switch

OTC Allows 1 person to start and crank engine while under the hood or from either side of the vehicle. Convenient hot circuit indicator, red ready light glows when starter switch is connected to a hot circuit (*light goes off when switch is depressed*).

- High current push-button switch offers reliable operation & long life
- Heavy-duty, 12 ga. wire leads (5'L) are oil & grease resistant
- Easy hook-up, high current clips w/protective boots open 5/8"W

Stk.	Mfr.	Price
693420	3650	\$47.40



Remote Starter

Lisle Tough, smooth-working reliable switch. Features heavy gauge, rubber-covered copper wire. Depress button to jog or start the engine.

Stk.	Mfr.	Price
503817	20750	\$18.60



55 Series Digital Multimeter

OTC Multimeter provides all the base functions required for today's automotive testing.

- Max. display 2000 counts
- Diode check
- Auto/manual range
- Auto power off
- Continuity buzzer
- Data hold, max hold

DC volts 200mV to 200V. AC volts 2V to 200V. DC current 200/2000 μ A. AC current 200/2000 μ A. Resistance 400 Ω to 2M Ω . Temperature -58°F to 392°F

Includes test leads & temperature probe.

Stk.	Mfr.	Price
693398	3910	\$65.30



550 Series Digital Multimeter

OTC Features powerful automotive test functions such as; frequency, duty cycle, diode & continuity tests, plus all the standard meter features you expect in a professional grade multimeter.

- Diode Test
- Auto Range Data
- Change Auto
- Continuity Test
- Hold Relative
- Power Off

Frequency: 1Hz ~ 10MHz \pm 0.1%

Duty Cycle: 0.1% ~ 99.9% \pm 2.5%

DC Volts: 400mV/4/40/400V \pm 0.5%, 1000V \pm 0.8%

AC Volts: 4/40/400V \pm 0.8%, 400mV/750V \pm 1.2%

DC Amps: 400/4000 μ A \pm 2%, 40/400mA \pm 1.5%, 4/10A \pm 2%

AC Amps: 400/4000 μ A \pm 2.5%, 40/400mA \pm 2%, 4/10A \pm 2.5%

Resistance: 400 Ω /4/40/400k Ω \pm 1%, 4/40M Ω \pm 2%

Capacitance: 40nF \pm 3.5%, 400nF/4 μ F/40 μ F \pm 3%, 400 μ F/4000 μ F \pm 20%

Includes test leads.

Stk.	Mfr.	Price
693399	3940	\$142.00



100 Series Autoranging Multimeter

OTC High-quality unit features all of the same classic autoranging multimeter functions, plus automotive test-specific measurements.

- Auto/manual ranging
- O₂ cross counts
- Duty cycle & frequency to 10M Hz
- Auto power off can be disabled
- Data hold freezes data w/push of a button
- Tests for resistance, continuity, diode & capacitance
- Measures for rpm, temperature (°F/°C), dwell, fused direct currents up to 10 amps through meter
- Millisecond pulse width & peak volts measurements for fuel injectors
- Relative measurement removes test lead resistance from low-resistance measurements
- Data recording min/max for fluctuating measurements

DC volts 400mV to 400V. AC volts 4V to 400V. DC current 40/400 μ A. AC current 40/400 μ A. Resistance 400 Ω to 400k Ω . Capacitance 40nF/4 μ F. Temperature -50°F to +400°F. RPM 0/10,000.

Includes inductive rpm clamp, heavy-duty test leads w/removable alligator clip ends & temperature probe.

Stk.	Mfr.	Price
693402	3505A	\$225.00



750 Series Digital Multimeter

OTC Features powerful automotive test functions (*frequency, duty cycle, diode & continuity tests*) and automotive specific tests (*true RMS, RPM, dwell, pulse width, temperature, backlight, RS232 & min./max.*). It's CATIII and compatible with Hybrid vehicle systems.

- Diode Test
- Data Hold
- Auto Power Off
- Continuity Test
- Relative Change
- CATIII 1000V
- Auto Range
- Backlight
- Min/Max

DC volts 400 μ V to 1000V AC volts 4V to 750V.

DC current 400 μ A to 10A AC current 400 μ A to 10A. Resistance 400 Ω to 40M Ω

Capacitance 4nF to 40mF. Temperature -58°F to 752°F

Frequency 1Hz to 10MHz. Dwell angle 0 to 360° (1 - 1/2 CYL) RPM 10k.

Pulse with ms (*negative*) 1 to 999ms Duty cycle 0.1% to 99.9%

Includes RS232 & cable, alligator clips, RPM pick-up adapter, temp probe adapter, PC cable & software, plus canvas case.

Stk.	Mfr.	Price
693423	3980	\$207.00



Digital Battery Tester

OTC Unit tests 12V batteries (125-1400 CCA's) and analyzes by measuring multiple parameters within the battery to deliver accurate results. Bright, 4-digit LED display indicates battery's good/bad status, voltage and available CCA's.

- Detects bad cells

- Cost effective conductance test technology for accurate testing
- Measures multiple international units (CCA, IEC, DIN, BCI & EN)
- Live voltmeter easily analyzes starting/charging system
- Temperature & low charge compensation
- Surface charge warning
- Quick 1-sec. initial results
- Detects & identifies loose leads

Includes case.

Stk.	Mfr.	Price
693352	3183	\$182.00



100-Amp Battery Load Tester

OTC Test batteries on or off the car in just 10 seconds. Portable size and easy-to-read scales. Features heavy-duty copper-plated clamps, chrome-plated ventilated steel casing and ceramic insulators.

- Determines state of charge, cranking & charging volts
- Load safety switch prevents arcing
- Determines good/bad status

- Extra large display w/zero adjust
 - Works on 6- & 12V batteries
- Volts 0-16. 100 amp load capacity.

Stk.	Mfr.	Price
693350	3180	\$47.90



125 Amp Battery Tester

Associated Test 6V and 12V batteries, alternators & starters.

- 1 hand operation
- Easy-to-read meter
- No adjustments
- Durable & safe
- Recessed meter & insulated clamps
- 1-yr. mfr.'s warranty

Volts 0-16. 125 amp load capacity.

Stk.	Mfr.	Price
199240	6029	\$153.00



Alternator/Battery Tester

Associated Tests for defective alternator diodes including GM trio test. Heavy-duty safety clamps with 300 amp jaws & side terminal adapters.

- Performs complete battery test
- Checks state of charge on conventional & maintenance-free batteries

- Tests for excess starter current & alternator/regulator output voltage
- 1-yr. mfr.'s limited warranty

Volts 0-16. 125 amp load capacity.

Stk.	Mfr.	Price
199242	6031	\$208.00



Sabre HP Battery & Electrical System Diagnostic Tester

OTC Digital circuitry precisely controls battery test loads to accurately determine battery conditions. Tests both flooded lead acid and absorbed glass mat batteries down to 1V state of charge.

Tests vehicle starting and charging systems with minimal user interaction. Tests 6 & 12V batteries w/a 50-2000 CCA operating range.

- Over-molded enclosure w/soft-touch keys
- Scales: CCA, CA, AHR, MCA, JIS, DIN
- Date/time stamp
- User definable print header & footer
- 4 x 20 back-lit display
- Flash upgradeable memory in field
- Removable/auto-sensing leads

Includes 3' test leads, side-post terminal adapters, manual, molded case.

Stk.	Mfr.	Price
693330	3167	\$574.00



MinuteMan Plus Multi-Purpose Electrical System Tester

OTC Tests batteries, alternators, regulators and starters. Direct-from-battery tachometer feature gives rpm readings without complicated hookups to ignition system. Offers ammeter/voltmeter capabilities. Evaluates discharged or charged batteries in 1 minute.

- Tests 12V auto & HD batteries (*w/cold cranking amps of 100-1,500*)

- Internal battery, no external power source needed

- Checks charging system at high rpms & idle, then stores the data
- Shows regulator volts, peak amps & diode condition
- Uses highly-accurate waveform analysis to test alternator diodes
- Displays cranking volts & amps, indicates good or bad starter
- Test options for accurately diagnosing AGM & spiral (*6-pack style*) batteries
- English or Spanish menu selection

Includes connector cables, internal rechargeable battery, battery charger, mobile cart w/built-in handles, 2 shelves & manual.

Stk.	Mfr.	Price
693320	3131AGM	\$2,525.00

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setting up your classroom, shop & lab.
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Battery/Electrical Systems Tester

Associated LED display voltmeter and ammeter. Displays +/- Amps for easy diagnosis. Provides accurate load testing for up to 1,000 CCA batteries. Spring loaded to shut-off automatically.

- 500 Amp safety clamps w/Flexi-Spring side terminal adapter plus separate light gauge test leads for tighter spots
- Heavy-duty single extruded leads for testing up to 15' apart
- 6043 AC/DC current sensing inductive pickup included
- 10-meg ohm input impedance for today's high tech systems
- Unique curved carbon discs ensure maximum contact, fewer hot spots, smoother operation & longer life
- Saves time testing electrical systems on 12, 12/24 & 24V vehicles
- Coated circuit board prevents damage & meter inaccuracy
- 1-yr. mfr.'s warranty

Load: 500 A. Ammeter: Digital 0-999A.

Voltmeter: Digital LCD 0-32.0V DC. Clamps: 500A Weight: 67 lbs.

Includes heavy-duty tilt back cart (*assembly required*) w/8" wheels 2 trays & 8' 4 AWG leads.

Stk.	Mfr.	Price
199250	6042	\$2,061.00



Starter/Alternator Generator Bench Tester, 1/2 HP

Associated Tests 12 or 24V internally or externally regulated alternators. Provides result from free-run starter or light-load alternator tests.

- Universal test lead
- Compact & user-friendly
- Easy-to-read LED meter
- High resolution digital control panel meter
- Regulated power supply is overload protected
- Safety interlock prohibits testing unless belt guard is in place
- 1-yr. mfr.'s warranty

Power requirements 120V, 60 Hz, 20 Amps. Drive motor 1/2 HP.

Leads 4' 6 AWG. Clamps 300 A. Ammeter Digital LED 0-999 A.

Voltmeter Digital LED 0-32V DC.

Tool size 17"H x 14"W x 28"D. Tool weight 110 lbs.

Stk.	Mfr.	Price
199265	8600	\$2,741.00



Advance Timing Light

OTC Professional advance timing light allows accurate adjustment of base and advance timing reading. Adjustable knob measures centrifugal, vacuum and computer advance. Use for conventional, electronic, DIS, 2-cycle and computer-controlled ignition systems.

- On/off 1-touch control
- Reflected, super-bright Xenon flash
- Heat-resistant, over-molded clips
- Durable, plated ABS housing w/over-molded grips

Includes metal inductive clamp, detachable lead set w/positive twist-lock connector & molded case.

Stk.	Mfr.	Price
693382	3365	\$148.00



Trilingual OBD II/EODB & CAN Scan Tool

OTC AutoID™ auto-selects most 2000 and newer vehicles. Features component locator, acronym library, emissions monitor, live data graphing and supports over 300 Global OBD II live data items. Meets 2010+ requirements (15 monitors, HD, Diesel, Hybrid Coverage).

- Displays State OBD check & OBD II Drive Cycle Mode
 - Reads & displays: LIVE sensor data, MIL status, I/M monitors, pending & permanent DTCs, freeze frame data, VIN number, CVN & Cal ID, O2 monitor test, diagnostic monitor test & on-board systems
 - Trilingual menu, manual & definitions (*English, Spanish, French*)
 - Displays generic & enhanced definitions on screen
 - Read & erase diagnostic trouble codes
 - Updateable via USB port
 - Over 15,000 code definitions
 - EOBD compatible & CE certified
- 2.75"W x 5"H x .75"D. 31" cord.

Includes USB cable, CD & manual.

Stk.	Mfr.	Price
693319	3109N	\$134.00



Engine Compression Tester Kit

OTC For complete compression testing on gasoline engines, including domestic, imports, motorcycles, marine and small engines. Problem solving features for today's limited space engine compartments.

- Corrosion-resistant nickel-plated finish
- Adapters for flat & tapered seat plugs
- 2-1/2" professional gauge w/zero adjust
- Gauge w/chrome bezel & protective outer boot
- 25" flex hose gauge assembly w/quick coupler allows easy viewing out of cluttered engine compartment
- Dual scale gauge reads 0-300 psi & 0-2100 kPa.

Includes 12" flex-14 mm standard & long reach hose, 3 adapters (10, 12 & 18 mm thread), repair parts kit & molded case w/removable lid.

Stk.	Mfr.	Price
693430	5606	\$81.20



Engine Compressor Tester

Lisle Quickly and accurately check compression on gasoline engines. Gauge registers 0-300 psi and 0-2100 kpa. Fits 14 and 18mm thread sizes.

Stk.	Mfr.	Price
503828	20250	\$40.90



Vacuum/Pressure Gauge Kit

OTC Accurately test vacuum lines and components including low-pressure fuel systems. Quickly diagnose internal engine problems such as bad rings, valves and leaking head gaskets. Pin point hard-to-find problems such as cracked lines, PCV, fuel pump, fuel filters and more.

- Large 3-1/2" gauge w/chrome bezel & protective outer boot
 - Dual purpose gauge reads vacuum & pressure
 - Built-in rear hook to hang gauge at eye level
- Gauge reads 0-30" Hg vac & 0-70 cm Hg, 0-15 psi & 0-100 kPa.

Includes 3-1/2" face, universal adapter (*use for most applications*), T-adaptor, tapered adaptor, detailed chart & molded case (*w/removable lid*).

Stk.	Mfr.	Price
693415	5613	\$35.70

Fuel Pressure Tester Kit

OTC Quickly and easily locate any malfunctioning fuel system component, including fuel filters, pressure regulators, fuel lines and fuel pumps without removal from the vehicle.

- Large, easy-to-read scale
 - Solid brass fittings
 - Pressure relief valve for safe, clean testing
- 0-100 psi scale. 0-700 kPa.

Includes adapter.

Stk.	Mfr.	Price
693432	5630	\$45.50

**Fuel Injection Test Set**

Lisle Set checks fuel pressure on most domestic (except GM TBI) and Japanese fuel and throttle body injection systems. For Bosch AFC, MPC, Digijet/Digifand (except CIS: Chrysler, Ford,

GM & TBI.: Japanese fuel injection systems & others using Bendix-type fuel injection or Schrader-type valve including the small Schrader valve found on Ford).

Includes pressure gauge assembly, 2 thread adapters, multi-sized straight hose adapter, T adapter, 5 fuel bold adapters, 5 washers, spring-lock adapter, hair-pin connector & molded case.

Stk.	Mfr.	Price
503939	58600	\$170.00

**Master Fuel Injection Test Set**

Lisle Checks fuel pressure on most Port Fuel Injection (PFI) and Throttle Body Injection (TBI) systems. Comes with a variety of adapters and gauges for checking many types of systems. Adapts to work with test port connections, end of hose connections and in-line connections. Tests GM,

Ford, Chrysler, Honda/Acura, Toyota, Bosch CIS and L- Jetronic.

Includes asst. adapters & gauges, manual & molded case.

Stk.	Mfr.	Price
503737	55700	\$409.00

**Fuel Injection Pulse Tester**

OTC Performs a cylinder balance test when injectors are suspect in engine performance problems. Vehicle-powered tool fires individual injectors in 1/2 sec. increments in 3 different ranges (1 pulse of 500 milliseconds, 50 pulses of 10 milliseconds, 100 pulses of 5 milliseconds). Power and output lights indicate test activation.

Includes wiring harness adapter & instructions.

Stk.	Mfr.	Price
693391	3398	\$174.00

**Leaktamer EVAP Tester**

OTC Diagnose 80% of top codes with smoke technology. This unit is half the size of its predecessor, but with more powerful features.

- UltraTrace UV® dye is the only OE approved solution
- Detects microleaks to & below .010"

- New smoke flow control adjusts for specific applications

Includes leak tamer unit, white/UV combination w/laser pointer, UV glasses, service port adapter, exhaust adapter cone, cap plug adapters, Schrader® removal/installation tool & UltraTrace UV® smoke-producing solution.

Stk.	Mfr.	Price
693407	6522	\$1,150.00

**Multi-application Digital Pressure & Temperature Analyzer**

OTC Combines the functions of vacuum, oil pressure, hydraulic system pressure, transmission pressure, compression, and air conditioning in unit. Deluxe digital pressure/temperature analyzer has 4 pressure input receptacles and protective boot.

- No need for fuel/transmission hoses inside vehicle during a road test
- Use w/OTC's 3398 to find clogged/dirty fuel injectors (sold separately)
- Pinpoints worn power steering pumps or racks
- PSI reading for hydrostatic drives & high pressure hydraulics
- Finds blocked intake ports & plugged catalytic converters
- Checks transmission cooler efficiency & catalytic converter temps
- No makeshift taping of gauges to windshield
- Min/Max pinpoints: fuel restrictions, plugged filters, weak fuel pumps & transmission pressure spikes
- Delta Zero monitors fuel pressure drop caused by faulty check valves
- Displays readings in BAR for checking European specs
- Permits comparison of ABS brake pressure at each wheel

Includes transducer (500 psi), 12' cable, 8-1/2" hose, bead-type temperature probe, assorted fittings, molded case & manual.

Stk.	Mfr.	Price
693392	3490	\$780.00

**Primary Wire**

Coleman Cable General purpose wiring for automobiles, boats, trucks, buses, tractors, trailers and other motor-driven equipment.

Stk.	Mfr.	Gauge	Color	Length	Price
983160	16-100-11	16	Black	100'	\$22.00
983161	18-100-11	18	Black	100'	\$15.90

**Vacuum/Windshield Washer Hose**

HBD Industries Compounded not to deteriorate or split from heat or ozone. Resists oil and grease.

Stk.	Mfr.	Dia.	Length	Price
942874	334050	5/32"	50'	\$28.10
942875	334150	7/32"	50'	\$30.50
943016	333950	7/64"	50'	\$26.30

**Fuel Line/Vapor Emission Hoses**

HBD Industries Nitrile tube hose is suitable with lead or unleaded gasoline and many Ethanol and Methanol-based gasohol blends. Meets or exceeds SAE30R7 specifications. This hose is not to be used for fuel injected systems.

Stk.	Mfr.	Dia.	Length	Price
942876	25060	1/4"	25'	\$32.60
942877	25078	5/16"	25'	\$35.20
942878	25088	3/8"	25'	\$39.90

Place your order on-line!
www.midwesttechnology.com



Fuel Line Retaining Clip Tool Set

Lisle Designed to release the nylon retaining clip used on the fuel lines of newer GM and Chrysler vehicles with electric fuel pumps.

Includes 5/16" & 3/8" fuel line tools.

Stk.	Mfr.	Price
503946	39160	\$10.90



Hose Clamps

Breeze Industrial Industrial/automotive clamp is used for all standard clamp applications. Made of stainless steel with a zinc-plated carbon screw.

Stk.	Mfr.	Size	Price
942640	3504	7/32" x 5/8"	\$0.68
942639	3506	7/16" x 25/32"	\$0.68
942918	62010	9/16" x 1-1/6"	\$0.92
942919	62012	11-1/6" x 1-1/4"	\$0.92
942920	62020	13/16" x 1-3/4"	\$1.00
942921	62028	1-15/16" x 2-1/2"	\$1.00
942922	62036	1-13/16" x 2-3/4"	\$1.06



Heavy-duty Coil Cord Circuit Tester

OTC Designed for testing electrical circuits and locating shorts, grounds, and open circuits. Heavy-duty, stainless steel probe w/insulated shaft checks 6 and 12V systems.

• 12' heavy-duty, red coil cord lead

- Ergonomic slim-designed clear handle
- Bright red, slim-style replaceable bulb
- Positive contact molded strain relief
- Heavy-duty clip w/positive soldered connection

Stk.	Mfr.	Price
693435	3636	\$23.90



Computer/Polarity Circuit Tester

Lisle Checks for open or short circuits on 12V automotive computer circuits. Operates at a safe range of 3-28V and draws less than 21mA at 12V DC. Lights indicate positive and negative polarity.

Stk.	Mfr.	Price
503864	24550	\$15.80



Low Circuit Tester

Lisle Quick check both AC and DC current up to 28V with the power on. Helps locate shorts or breaks in wiring. Complete with insulated grounding clip.

Stk.	Mfr.	Price
503844	26250	\$7.99



High/Low Circuit Tester

Lisle Low side checks AC and DC current up to 28V with power on. High side checks spark plug wires without piercing. Complete with insulated clip.

Stk.	Mfr.	Price
503927	29500	\$12.60



Ultimate Circuit Tester Kit

Lisle Heavy-duty tester signals with a light and buzzer. Tests low voltage up to 28V, finds electrical shorts, checks polarity, detects battery drain and checks circuits from a distance.

Heavy-duty coil cord extends over 8'. Detachable, spring-loaded hook pulls the center of the wire into the probe every time. Attach alligator clip to the probe for clip-on connections.

Stk.	Mfr.	Price
503838	28640	\$44.10



DC Voltage Tester

Gardner Bender Checks DC current from 6-12V. Durable ABS housing with pocket clip. 3' test lead with alligator clamp. Sharp tip for piercing insulation. Visual indicator.

Stk.	Mfr.	Price
416718	GAT-3400	\$7.90



Continuity Tester

Lisle Battery-powered continuity tester for wires, fuses, switches and other electrical systems. Light indicates continuity. Not to be used

on live circuits or computer sensor feed circuits.

Requires 1 AA battery, sold separately.

Stk.	Mfr.	Price
503848	26200	\$11.00



ATM/Max Fuse Kit

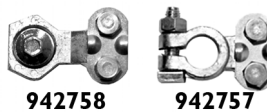
Bussmann For '96 and newer vehicles. 64-piece contains popular ATM and MAX blade fuses. Complete with FT-3 fuse tester/puller. Fuses meet or exceed OE and SAE standards.

Includes two ea. Atm 2, 3, 4, three ea. Atm 7-1/2, five ea. Atm 5 & 25, ten ea. Atm 10, 15,

20 & 30, two ea. Max 30 amperage fuses, one ea. Max 40 & 50 amperage fuses, 3' combination fuse tester/puller & plastic case.

Stk.	Mfr.	Price
943307	64	\$29.10

BATTERY TOOLS



Battery Terminals

Infinite Heavy-duty lead alloy terminals fit 1 to 6 AWG cables.

Side Post Protruding ring assures positive contact & recessed circle affords exact positioning.

Stk.	Mfr.	Price
942758	00351	\$2.43

Top Post Fits positive or negative posts. Bolt locks firmly from L to R. Steel inserts avoid stripping. Universal unit holds cable or strap. Removable plate for easy assembly. Threaded clamp avoids pull-out.

942757	00350	\$2.18
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Battery Terminal Brush

Lisle Cleans dirt and corrosion from battery terminals and cable clamps. High impact plastic case will not weaken in cleaning solutions.

Stk.	Mfr.	Price
503740	11120	\$8.22



Side Terminal Brush

Lisle Brush's "coil spring" cutters polish battery contact while stainless steel brushes clean cable terminals.

Stk.	Mfr.	Price
503770	11400	\$9.66

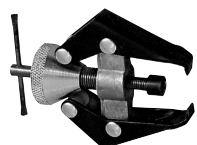


Cleaning Brush Set

General Brass and stainless steel brushes clean pipe, battery terminals, spark plugs, etc. Use

brass brush to clean softer materials, and steel brush when extra abrasion is needed to clean pipe. 2/pkg.

Stk.	Mfr.	Price
419847	1102	\$4.93



Battery Terminal Puller

Lisle Dual-purpose puller easily removes stuck battery terminals and bolted-on wiper blades.

Stk.	Mfr.	Price
503890	54150	\$26.10



Battery Carrier

Lisle Spring-action handle turns lifting power into better gripping pressure. Form-fitting handle provides a solid gripping surface. Carrier works on most batteries.

Stk.	Mfr.	Price
503892	57850	\$17.60



Battery Clamp Spreader & Cleaner

Lisle Dual use pliers spread battery post clamps and tapered, ribbed tips remove corrosion and build-up from inside the clamp. Tips are made from strong heat-treated steel.

Stk.	Mfr.	Price
503893	55410	\$21.60



Fully Automatic Battery Charger/ Starter

Schumacher 50/10/2 amp fully-automatic starter/charger. 2 LED lights signal power on and full charged. 50 amp for emergency start-

ing. 2 amp trickle charge for small 12V batteries (2-12 hrs.). 10 amp fast charge for everyday needs (3-5 hrs.). Will not overcharge batteries. UL listed.

Stk.	Mfr.	Price
771809	SE-5212A	\$86.40



DieHard Battery Charger/Maintainer, 6V & 12V

Schumacher DieHard fully automatic charger/maintainer with float mode monitoring for 6V

and 12V batteries. Ideal for keeping stored, lead acid batteries charged and power maintained at all times. Reverse hook up protection. UL listed.

Includes 50 amp battery clamps, 12V accessory plug & permanent ring connectors.

Stk.	Mfr.	Volts	Amps	Price
771700	71219	12/6	2/4	\$42.80



Engine Charger/Starter

Schumacher 200/40/10 amp manual charger/ starter with 6/12V capabilities for mechanics. High output engine start assists batteries in cranking most engines under severe conditions. 200 amp engine start for emergency starting. 40 amp charge for fast charging (1-3 hrs.). 10 amp charge for everyday charging needs (3-5 hrs.). Maintenance rate maintains batteries. 2 rotary switches for ease-of-use and accuracy. Hold-position timer switch for continuous charging. Cooling fan for longer life. UL listed.

Stk.	Mfr.	Volts	Amps	Price
771820	SE-4020	6/12	200/40/10	\$211.00



12' Light-duty Booster Cable

Master Mechanic Ten gauge 100% copper conductors. Tough vinyl insulation, tangle-free dual cable construction and color-coded clamps.

Stk.	Mfr.	Amps	Price
942959	601896	500	\$15.50



20' Heavy-duty Booster Cable

Master Mechanic Four gauge SAE 100% copper conductors with tough vinyl insulation and color-coded clamps. Provides easy connection from behind, even on large vehicles.

Stk.	Mfr.	Amps	Price
943004	601924	500	\$50.60

BRAKE TOOLS



Brake Lathe

Ranger Ruggedly built brake lathe is capable of faster, more accurate and easier rotor and flywheel and drum and flywheel resurfacing than any other brake lathe in its class. Infinitely adjustable feed rates allow easy modification of cut speeds with the turn of a dial. Reduce or increase the cut-time for best finish results whether speeding through an initial rough cut or a single-pass micro-finish.

- Precision electric DC servo motors meet the demanding requirements of industrial motion control
 - Works on all cars or trucks, both foreign & domestic, w/hubless drums, rotors (center hole sized 2-5/32" - 4") & composite rotors (center hole sized 4" - 6-1/4")
 - Exclusive "splash-lube" oil-feed system supplies a constant flow of oil to the bearings for trouble-free service
 - A variety of adapters allows machining of all standard & composite rotors for foreign & domestic cars & light trucks
- Spindle speed 150- 200 RPM. Max. rotor 17" dia. x 2-1/2"T. Drum 6" dia. min. Brake drum 6-28" dia. max. Max. load standard arbor 150 lbs. Max. load 1-7/8" arbor 250 lbs. Weight 685 lbs. (shipping).

For complete description and specifications visit our website.

Stk.	Mfr.	Volts	HP	Phase	Price
235582	RL-8500	120	1	1	\$5,869.00



Digital Disc Brake Micrometer

Chicago Brand Features 3-1/4" reach, hardened tips, ratchet and lock. Reads directly to .001" with a 0.3"-1.3" range.

Includes case.

Stk.	Mfr.	Price
302570	50077	\$111.00



Lock Ring Pliers

Lisle Designed for removing and installing lock rings on all types of transmissions, master cylinders, brakes, etc. Jaws are knurled on the end to prevent slipping.

Stk.	Mfr.	Price
503868	44900	\$19.10



Brake Spring Pliers

Lisle Double-ended tool for removing and installing brake springs. Use plier tips to stretch brake spring. Handle ends remove and install spring over anchor post.

Stk.	Mfr.	Price
503750	11260	\$25.10



Brake Spring Tool

Lisle Easily remove and replace brake return springs that are set over a post. "Shoe horn" design on opposite end makes it easy to slip the spring back over the post. Its large handle provides a good grip and easy operation.

Stk.	Mfr.	Price
503874	46750	\$12.10



Snap Ring Pliers

Lisle Combination tool for internal and external snap rings that can compress internal rings and expand external rings. Quick-change reversing lever.

Includes 4 tip sets (.045" & .060" straight tips, .045" 45° tips & .035" 90° tips).

Stk.	Mfr.	Price
503872	46000	\$15.20



Retaining Ring Pliers Set

CHAN NEL LOCK Converts from internal to external rings with the switch of a tab.

For external rings 1/4" to 2", internal rings 3/8" to 2".

Includes 6 tip sets (.036", .047" & .070 straight tips, .036", .047" & 90° tips).

Stk.	Mfr.	Price
301540	927	\$33.40



16-Piece Pliers & Tips Set

OTC Steel, heat-treated internal and external retaining ring pliers with tips to handle many applications.

Includes internal ring pliers, external ring pliers & 16 tip sets (four .038" 90° tips, four .047" 45° tips, plus eight ea. of .047" & .070" straight tips).

Stk.	Mfr.	Price
693317	7053K	\$58.00



Convertible Retaining Ring Pliers Set

Proto Patented plier design permits quick change-over to work internal or external rings. Each plier offers several ring sizes. Precision-formed, induction hardened tips for accurate fit and long wear. Tips engage rings securely and hold proper alignment preventing rings from flying loose. Long, ergonomic handles with cushion-grips are clearly marked. Pliers range from 5-7/8"L to 8-5/8"L.

Includes molded case plus, 1 pair each tip size in 0°, 45° & 90° angles: 038", .047", .070" & .090".

Stk.	Mfr.	Price
903060	360B	\$400.00



Brake Caliper Socket Set

Lisle For servicing disc brakes. 3/8" square drive sockets with hex bits remove and replace floating caliper mounting bolts. 3/8" and 8mm hex bits for GM and 1/4" hex bit for Ford.

Includes 1/4", 8mm & 3/8" sockets.

Stk.	Mfr.	Price
503802	12550	\$10.50



Universal Disc Brake Caliper Tool

Lisle For rotating the brake piston back into the caliper to provide clearance for new pads. 5 adapters for use in 2 and 4-wheel disc brake assemblies of most domestic and import cars (adapter 2B fits Mazda 3 & some Jaguar applications). Tool makes the job easy while preventing damage to the piston and boot.

Stk.	Mfr.	Price
503732	25000	\$90.20



Brake Bleeder Wrenches

Lisle Designed for bleeding air from brake cylinders with bleeder screws. Tools are double-ended and offset for easy access.

Stk.	Mfr.	Description	Price
503730	10900	For 5/16" to 3/8" Screws	\$9.32
503731	10950	For 1/4" to 3/8" Screws	\$9.32



Brake Adjustment Tool

Lisle Speeds star wheel adjusting. Insert tool through slot in backing plate. Different angle at each end adapts to various makes and models.

Stk.	Mfr.	Price
503886	50700	\$5.79



Brake Spring Washer Tool

Lisle Tool fits both large and small washers. Wide "window" allows better visibility to align the nail and washer slot.

Stk.	Mfr.	Price
503866	47400	\$8.55

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Deluxe Metal Vacuum Pump

OTC One person can quickly and cleanly bleed automotive brake and hydraulic clutch systems, as well as get answers to numerous diagnostic and mechanical problems.

- Precision-made repairable vacuum pump w/360° ga. rotation for improved visibility

- Pumps up to 1 cubic inch (16cc) per stroke
- Develops & maintains up to 25" of mercury vacuum

Includes two 2'L x 1/4" ID hoses, 2 universal bleed screw adapters, rubber cup adapter, vacuum "T" adapter, automotive test & bleed adapters, 4-1/2 oz. reservoir jar w/fluid transfer, storage lid & manual.

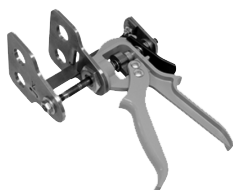
Stk.	Mfr.	Price
693441	7559A	\$78.90



Disc Pad Spreader

Lisle For installing pads on most domestic and import cars and light trucks. Tool compresses disc brake piston for easy pad installation.

Stk.	Mfr.	Price
503842	24400	\$10.50



Quick Quad Brake Pad Spreader

Lisle Quickly spreads brake pads and compresses disc brake pistons for pad replacement on single, double and quad piston calipers. Simultaneously compress all 4 pistons on quad piston applications. Makes brake pad replacement a quick and easy job.

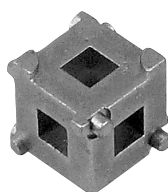
Stk.	Mfr.	Price
503810	29100	\$75.20



Brake Pad Gauge

OTC Takes definitive measurement to determine remaining life of brake pads without removing any components on most vehicles. Quick reference of condition via color code scale.

Stk.	Mfr.	Price
693438	6596	\$26.80



Disc Brake Piston Tool

Lisle Rotates pistons back into the caliper when replacing pads. For vehicles with 4 wheel disc brakes. 6 piston configurations fits most domestic and some import applications. Use with 3/8" drive ratchet and extension.

Stk.	Mfr.	Price
503929	28600	\$12.60



Mini Tubing Cutter

Lisle Smooth nylon action cuts tubing quickly. Small size for use in tight spots. Cuts all type of metal tubing. Easy-to-use nylon cutter is non corrosive for long life.

Stk.	Mfr.	O.D. Capacity	Price
503888	50000	5/8"	\$8.78

WHEEL TOOLS



Tire Spreader

Coats Adjustable spreader action from 0" to 10". Handles from small lawn mower tires to wide track tires. Locks into position for various widths. Locking handle and slide lock are replaceable. Fits all Coats model center posts for easy top-of-machine working heights.

Stk.	Mfr.	Price
471402	108028	\$202.00



Tire Tread Depth Gauge

Milton Tire tread depth gauge has a large base, flat blade and pocket clip. Accurately measures the depth of the new "Sipe Treads" as well as conventional treads. Round aluminum indicator bar calibrated from 0 to 1" in 1/32" markings. A must for determining remaining tire life.

Stk.	Mfr.	Price
968364	448	\$5.60



Valve Core Tool

Lisle Heat-treated steel tip for removing and installing standard valve cores. A dual durometer handle for comfort with a rotating knob on the end allowing the tool to turn smoothly while applying pressure with the palm of your hand. The 5.7"L tool can reach valve stems on the inner dual wheels. Includes pocket clip.

Stk.	Mfr.	Price
503792	15190	\$11.60



Valve Core Torque Tool

Lisle Properly installs and removes valve cores, including late model vehicles with the tire pressure monitoring system (TPMS). Torque tool is set to 4 inch lbs., to prevent under and over torquing the valve core. Helps prevent valve core leaks causing low tire pressure and possible TPMS alerts. Slim design allows access in tight spots.

Stk.	Mfr.	Price
503813	18810	\$24.10



Center Post Tire Changer

Coats Dual direction powered center post tire changer has grown to accommodate more of today's wheels. The larger diameters and tougher wheels are no match for the increased capacity and bi-directional power you will find in the 4070 model.

- Single bead loosener shoe for easier positioning
 - Power reverse functionality
 - Rebuildable/serviceable cylinder
 - 900 ft.-lb. operating torque
 - Lower anti-rotation pin for ease of use
- Rim 10"-18" dia. x 1-1/2"W to 10-1/2"W. Max. Tire dia. 38" (outside). Drive system air (powered forward & reverse, dual cylinders). Air source 110 to 175 PSI. Chassis footprint 53"W x 17"D x up to 51" H. Power requirements 5 SCFM @150 PSI capable. Weight 575 lbs. (shipping)

Includes storage tray, lube applicator, lube bottle, bead lift tool, hose w/air chuck & inflation safety limiter.

Stk.	Mfr.	Price
471221	4070	\$4,404.00



Vero Series™ V200 Wheel Balancer w/Adapter Kit

Coats The Vero Series™ V200 takes wheel balancing to a new level by eliminating the compromises that plague other balancing methods. Powered by Coats'® exclusive Direct Drive system, the V200 delivers a superior balance result the first time, every time.

- Direct Drive system integrates balancer's robust motor & spindle into a single, factory pre-balanced assembly w/no noise

- ProBalance Technology™ provides a unique balancing algorithm & unbalance correction methodology that minimizes both static & couple unbalance
- Industrial Grade Touchscreen is built to last
- Laser Guided Operation® pinpoints the exact weight location, both radially & axially & eliminates trial & error for easy behind-the-spoke balances

Includes Basic Pro Adapter Kit (85609487) for most OE passenger cars & some OE light trucks.

Stk.	Mfr.	Price
558221	MW-V200	\$7,999.00



Static Wheel Balancer

Coats Eliminate up and down vibration caused by wheel and tire assemblies that have static imbalance. This tool also eliminates premature tire and parts wear caused by excessive vibration.

- For most passenger cars & many light truck wheels
- Wheel center hole range is 1.5" to 4.5"

Stk.	Mfr.	Price
468695	M-61	\$403.00

Inflator Gauge



Milton Heavy-duty inflator gauge for everyday use. Magnifying lens with thin line indicator ring allows full view of scale. Measures 10 lbs. to 120 lbs. in 2 lb. increments. Gauge has full swivel dual-head chuck.

Stk.	Mfr.	Price
968370	506	\$49.70



Tire Pressure Testers Milton

Dual chuck truck tire gauge, 2 sides 20 to 120 psi in 2 lb. increments and 2 sides 120 to 820 in 20 kPa increments.

Stk.	Mfr.	Price
968673	927	\$10.60

Easy-to-read nylon indicator bar is calibrated 2 sides from 10 to 160 lbs. in 2 lb. units and 2 sides from 80 to 1,100 kPa in 20 kPa units.

Stk.	Mfr.	Price
968675	976	\$21.40

Pencil-type tire gauge provides the finest in accurate, long life and trouble free performance. For use on bicycles, RVs and trucks. Nylon indicator bar with red marker. Gauge has 2 sides measuring from 20 to 120 psi in 2 lb. increments, and from 120 to 820 kPa in 20 kPa increments.

Stk.	Mfr.	Price
968672	925	\$7.25

Pencil-type tire tester calibrated in 1 lb. steps from 5 to 50 lbs.

Stk.	Mfr.	Price
968670	921	\$6.97



Digital Tire Gauge

Milton Easy-to-use, instant read tester with auto on/off. 2-60 psi.

Stk.	Mfr.	Price
968740	99900	\$16.50



Mini Dial Gauge

Victor Easy-to-read compact gauge for auto, SUV, RV and light trucks. 5-60 psi.

Stk.	Mfr.	Price
942648	22-5-08770-8	\$6.97



Dual Head Air Chuck

Milton Manufactured to exacting standards. 1/4" female N.P.T.

Sealing type chuck is not to be used w/Milton inflator gauge.

Stk.	Mfr.	Price
968396	690	\$8.38



Cross Rim Wrench

Custom 20" long. Hexagon openings, sizes 3/4", 13/16", 7/8" and 15/16".

Stk.	Mfr.	Price
968201	84442	\$20.50



4-in-1 Valve Repair Tool

Milton For valve stem and core. Rethreads inside and outside of valve stem. Insert, tighten or remove valve core (with guide, included). Removes core if shoulders are broken. Steel-plated, corrosion resistant.

Stk.	Mfr.	Price
968360	445	\$2.11



Valve Insertion & Removal Tool

Milton All-steel tool provides leverage for positive seating and removal of "snap-in" type valves. Deep threaded head assures ease of valve stem attachment. Plated to resist corrosion.

Stk.	Mfr.	Price
968365	449	\$11.00



Tire Repair Kit



Victor Repairs steel belted tires.

Includes 3 black strings, needle, rasp & cement.

Stk.	Mfr.	Price
942953	M8804	\$5.06



Heavy Duty Tire Repair Kit

Victor Repairs all tire types.

Includes 5 black strings, pistol grip rasp & inserting tools.

Stk.	Mfr.	Price
942952	M8710	\$11.10



Tire Deflator Set

Lisle Quickly evacuates air from tires without removing valve core. Tools are marked so tires can be returned to their original position on the vehicle so TPMS will not need to be reset.

Stk.	Mfr.	Price
503755	19860	\$17.60

BODYTOOLS



Soft Face Hammer w/Hickory Handle

Stanley Replaceable tips are made of tough plastic that won't mar finely finished surfaces. Handles are made of hickory securely locked in steel center body.

Stk.	Mfr.	Handle	Weight	Price
859023	57-594	12"L	8 oz.	\$24.00
859090	57-595	13-1/2"L	16 oz.	\$26.70



Roll Head Pry Bars

Mayhew Forged from top quality steel and heat-treated for superior strength. The 90° angle bar provides the greatest leverage for the toughest jobs.

Stk.	Mfr.	Stock	Length	Price
528610	40101	1/2"	16"	\$17.10
528611	40102	5/8"	18"	\$20.80



Car Door Handle Spring Remover

Zim For General Motors and Ford cars. Removes spring clip from behind door and window handle. Steel, chrome finish.

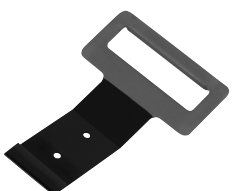
Stk.	Mfr.	Price
988474	720	\$7.00



Door Panel Remover

Lisle Bent handle design allows use where space is limited, and provides extra prying force. Square cut-out tip provides a no-slip grip, even on fasteners with small ears.

Stk.	Mfr.	Price
503860	35350	\$15.80



Window Belt Molding Remover

Lisle Powder-coated tool quickly removes belt molding without damage to window or molding. Fits most domestic and import vehicles.

Stk.	Mfr.	Price
503749	35150	\$16.10



Door Upholstery Remover

Lisle Heavy duty, with large comfortable handle to easily remove plastic fasteners.

Stk.	Mfr.	Price
503928	35400	\$10.50



5-Piece Super Out Screw Extractor Set

Lisle Extremely strong set made of special hardened, shock-resistant tool steel. Works on left- and right-hand threads. Extractors cut their way straight into bolts, eliminating wedging or

further tightening of frozen bolts and screws. Extracts 1/4" to 1/2" bolts and screws.

Includes 5 extractors (removes bolt sizes 1/4", 5/16", 3/8", 7/16", 1/2").

Stk.	Mfr.	Price
503898	62900	\$17.60



Masking Tape

3M Tartan Economy grade for various uses.

Stk.	Mfr.	Width	Length	Price
590224	200	1/2"	60 yd.	\$2.48
590226	5142-18E	3/4"	60 yd.	\$1.91
590228	5142-24A	1"	60 yd.	\$2.52
590230	5142-36A	1-1/2"	60 yd.	\$3.78
590232	5142-48A	2"	60 yd.	\$5.06



Sanding Block

NORTON Hard but flexible rubber. Paper clamps easily and quickly. Sheet size 2-3/4" x 9".

Stk.	Mfr.	Price
608251	43140	\$6.06



Ergonomic Palm Sander Disc Kit

NORTON Finger-grip indentations and curved design quickly convert a 5" dia. hook & loop disc into a comfortable palm sander for finishing flat surfaces. Sanding discs sold separately.

Stk.	Mfr.	Price
600511	03147	\$24.10



Sanding Sponges

NORTON Flexible sanding sponge can be used for curved or flat surfaces.

- Convenient, easy to use wet or dry

- Reusable & washable to eliminate loading for increased sanding life
- Use on wood, paint, metal, plastic & drywall
- Durable, lasts longer than sandpaper

Small area sanding sponges

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
608522	49502	Fine/Medium	4" x 2-3/4" x 1"	1	\$2.04
608524	49504	Fine/Medium	4" x 2-3/4" x 1"	24	\$37.80
608523	49503	Medium/Coarse	4" x 2-3/4" x 1"	1	\$2.04
608525	49505	Medium/Coarse	4" x 2-3/4" x 1"	24	\$37.80

Contour sanding sponges

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
598952	00937	Extra Fine	4-1/2" x 5-1/2" x 3/16"	2	\$3.91
598953	00938	Fine	4-1/2" x 5-1/2" x 3/16"	2	\$3.91
598954	00939	Medium	4-1/2" x 5-1/2" x 3/16"	2	\$3.91

Flexible sanding sponges

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
598965	00946	Fine	3" x 4" x 1/2"	3	\$2.34
598967	00947	Medium	3" x 4" x 1/2"	3	\$2.34
598969	00948	Coarse	3" x 4" x 1/2"	3	\$2.34

Paint & drywall sanding sponges

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
598955	00941	Medium/Fine	4-7/8" x 2-7/8" x 1"	1	\$4.38
598957	00944	Medium/Fine	3-5/16" x 9" x 1"	1	\$6.54

Tufbak Durite Sandpaper

NORTON For sanding between primer coats and other finishes on wood or metal with water or other lubricants. Diamond-like close coat abrasive electro-coated to a tough, waterproof backing. 9" x 11" sheets.

C weight paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
599090	01150	180-C	50	\$52.10
599095	01155	150-C	50	\$52.10
599100	01160	120-C	50	\$54.90
599105	01165	100-C	50	\$63.90
599110	01170	80-C	50	\$71.50

B weight paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
598995	39360	600-B	50	\$43.10
599000	39361	500-B	50	\$43.10
599005	39362	400-B	50	\$43.10
599020	39364	320-B	50	\$43.10
599072	39365	280-B	50	\$43.10
599085	39367	220-B	50	\$43.10

CLEANING & WIPING CLOTHS**Tan Tack Cloth**

TufPro Premium quality pre-finish duster cloth made of 100% cotton surgical cheesecloth. The medium-heavy tan tack is safe for all finishes. Use between coats when refinishing wood or metalworking projects.

Stk.	Mfr.	Size	Price
942868	10501	18" x 36"	\$1.82

**Micro-Fiber Dry Tack Cloth**

NORTON For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

Stk.	Mfr.	Size	Price
600509	06038	16" x 16"	\$5.70

**White Rags in a Box**

Scott The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
942724	75240	85	\$8.43
942725	75260	200	\$19.00

**Wiping Cloths**

Kimberly-Clark Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
482779	05701	18 pkg./case	\$110.00

**Mechanic's Shop Towels**

Clean Rite 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
943303	3-542	25/pkg.	\$9.35

**Shop Towel Roll**

Scott Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
943312	32992	60 ct. roll	\$5.29

**Exact Cuts Shop Towels**

Intex Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
942903	VV-30005	30	\$18.70

**Contractor's Choice Shop Towels**

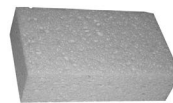
Intex Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

Stk.	Mfr.	Size	Price
942901	6414-10	8 lb.	\$29.80

**Chamois**

Tanner Durable, fast absorbing sheepskin chamois. Scratch-free drying and polishing without streaks or spots. 100% cod oil tanned for super absorbency.

Stk.	Mfr.	Size	Price
942965	TSX	1-1/2 sq./ft.	\$7.48
942966	TS20	2-1/2 sq./ft.	\$12.70

**Commercial Sponge**

3M Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
943246	7456-T	7.5"L x 4.4"W x 2"H	\$4.68

**C-Fold Towels & Dispenser
Kimberly-Clark****C-Fold Hand Towels** White 1-ply, 175 sheets/pkg. 25 pkg./case

Stk.	Mfr.	Price
482783	01980	\$78.60

Dispenser Gray.

482782	09905	\$64.50
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HAND CLEANERS



Go-Jo® Hand Cleaners

Go-Jo A complete line of heavy to medium-duty hand cleaners. Effective on a wide range of soils. Specialized hand cleaners are formulated for specific soil types.

Fine Italian Pumice Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar & oil.

Stk.	Mfr.	Size	Type	Price
968045	1135-06	4 lb.	Plastic Cartridge	\$18.80

Original Formula™ Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

968040	1115-06	4.5 lb.	Plastic Cartridge	\$17.20
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Original Formula™ Hand Creme formula contains soothing emollients. Removes heavy grease, tar & oil. Rub, then wipe clean w/towel or rinse off.

968050	1141-12	14 oz.	Plastic Cartridge	\$3.03
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Creme-Style Dispenser For Fine Italian Pumice, Original Formula & Orange Smooth (also for 0905-06, 0915-06, 1075-06, 1095-06, 1144-06 & 1145-06).

968070	1204-01		Creme-style dispenser	\$24.00
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Natural Orange™ Smooth Quick-acting lotion formula for cleaning industrial soils, medium dirt & grease. Orange scent.

968015	0947-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968014	0945-04	1 gal.	Bottle w/Pump	\$15.50

Natural Orange™ Pumice Quick-acting lotion w/pumice scrubbing particles clean industrial soils, medium dirt & grease. Orange scent.

968018	0957-12	14 oz.	Squeeze bottle w/nail brush	\$5.11
968017	0955-02	1 gal.	Bottle w/Pump	\$15.50



Lava Bar Soap

Lava The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
618719	10085	5.75 oz.	1	\$2.98



Powdered Hand Soap

Boraxo A mild abrasive that gets the dirt and grime out of hands. Box with pour spout.

Stk.	Mfr.	Size	Price
942816	02203	5 lb.	\$13.90



Klein Kleen Hand Cleaning Towels

Klein Pre-moistened hand towels clean like a pumice-based lotion, but without the messy, gritty residue. No rinsing or drying, just sink-free cleaning. Works on oils, tar, adhesives, asphalt, wax, graphite, grease, and more. Polyethylene bucket with a resealable dispenser prevents the towels from drying out if the closure is left open.

Includes 72 towels (9" x 12" each).

Stk.	Mfr.	Price
945317	51425	\$21.50



Instant Hand Sanitizer

Dial For fewer student sick days, use hand sanitizer to kill harmful germs. No soap, water or towels needed. Contains moisturizers and leaves no harmful residue. Dermatologist tested and hypoallergenic.

Stk.	Mfr.	Size	Price
943157	01219	7.5 oz.	\$4.37

DEGREASERS & STAIN REMOVERS



Original Krud Kutter

Krud Kutter Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure washers and carpet cleaning machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889350	KK32	32 oz.	\$11.40
889345	KK01	1 Gal.	\$21.10



Biodegradable Degreaser

LiquiFix Non-staining, industrial-strength formula removes oil, grease and grime from multiple surfaces and machinery. Dissolves fats, tar, adhesives and stains. Safe for automotive finishes and leaves no residue. Made from renewable base oils. Miscible formula for easy water rinsing. Non-hazardous, contains no chlorinated solvents.

Stk.	Mfr.	Size	Price
502600	200116	16 oz.	\$11.70



General Purpose Cleaner & Degreasers

Gunk For cleaning a variety of surfaces and soils. Non-ionic surfactant blend penetrates oils, greases and other soils to release them from the surface so they can be rinsed or wiped away. Neutral pH and safe to use on painted surfaces. Water miscible and can be used full strength or diluted with water.

Stk.	Mfr.	Size	Price
688112	GB16-32	32 oz.	\$8.40
688113	GB16-1G	1 gal.	\$19.80



Tough Task Citrus Remover

Krud Kutter Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
889343	KC32	32 oz.	\$11.60



Purple Cleaner Degreaser

Gunk Concentrated degreaser is powerful and fast-acting. Removes grease, oil, wax, tar & dirt. Use on cold engines, tires, concrete floors, vinyl siding, ovens, appliances and more.

Stk.	Mfr.	Size	Price
688109	CL32	32 oz.	\$6.51



Goo Gone Spray Gel

Homax Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
943266	GGHS12	12 oz.	\$9.00



Tough Task Remover

Krud Kutter Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, non-toxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
889348	KR01	1 Gal.	\$21.90



Heavy Duty Citrus Degreaser

Gunk Powerful blend of solvents and surfactants specifically designed to break through layers of oil and grease. Spray on and wipe away to instantly remove the debris that causes machines to fail. Packed with a citrus punch and a pinpoint accurate spray nozzle for hard to reach areas. For use on all types of tools, metal work surfaces, vises and industrial machinery. Can also be used on durable concrete and painted surfaces.

Stk.	Mfr.	Size	Price
688111	CTD15	15 oz.	\$7.80

ENGINE DRESSINGS & CLEANERS



Belt Dressing & Conditioner

Permatex Extends belt life by penetrating V belt cord fibers to restore flexibility. Prevents slippage due to heat, cold, dampness, dust and glazing. Eliminates squeaking. Flammable contents.

Stk.	Mfr.	Size	Price
504460	120DA	12 oz.	\$8.93



Pro Series Brake Parts Cleaner

Gunk High solvency and fast evaporation, cleaner instantly degreases conventional and disc brake assemblies. Dissolves and flushes away brake fluid, grease, oil and other contaminants without disassembly.

Stk.	Mfr.	Size	Price
688160	M720	19 oz.	\$6.50



Ultra-low VOC Brake Parts Cleaner

Gunk Cleans and degreases brake linings, cylinders, drums, rotors, clutches, CV joints, etc. Non-chlorinated acetone, toluene and carbon dioxide formula is compliant (*used in any amount*) in all jurisdictions.

Stk.	Mfr.	Size	Price
688150	M710	14 oz.	\$5.54



Disc Brake Quiet Spray

Gunk Aerosol spray stops disc brake squeal and eliminates pad chatter.

Stk.	Mfr.	Size	Price
688130	M609	9 oz.	\$9.75



Non-Chlorinated, Low VOC Carb-Medic Cleaner

Gunk California compliant, low VOC carb, valve and choke cleaner. Powerful blend of solvents quickly remove dirt, varnish, gum, carbon deposits, and sludge from carburetor and combustion chamber of gasoline engines.

Stk.	Mfr.	Price
688178	M4815NC	\$5.07



Carb-Medic Carburetor Parts Cleaner

Gunk Powerful solvents quickly remove dirt, varnish, gum, carbon deposits and sludge from the carburetor and combustion chamber of gasoline engines.

Stk.	Mfr.	Size	Price
688180	M4816	12 oz.	\$4.30



Carburetor & Parts Cleaner

Gunk Earth-friendly solvent thoroughly cleans engine metal parts. It also removes soil and grime deposits, plus paint and varnish.

Includes dip basket.

Stk.	Mfr.	Size	Price
688110	CC3K	96 oz.	\$35.20



Thrust® Quick Starting Fluid

Gunk High-temperature fluid starts gasoline and diesel engines. For cars, trucks, tractors and other motorized equipment.

Stk.	Mfr.	Size	Price
688175	M3815	11 oz.	\$4.75



Foamy Engine Brite Degreaser

Gunk Foaming degreaser removes heavy grease, dirt and grime from most engines. Fast acting and highly effective.

Stk.	Mfr.	Size	Price
942894	FEB1	17 oz.	\$6.40

Place your order on-line!
www.midwesttechnology.com



Engine Brite Degreaser

Gunk Aerosol engine degreaser for gas or diesel engines, farm and construction equipment, bicycles and industrial machinery. Spray on, hose off.

Stk.	Mfr.	Size	Price
942979	EBI	15 oz.	\$6.40

GASKET SEALANT



Form-a-Gasket® No. 1 Sealant

Permatex Fast-drying, hard-setting sealant for sealing rigid materials and flanges, or patching holes and joints for permanent assembly. Use for spark plugs, threaded connections and manifold gaskets. Resists common shop fluids and fuels. Works from -65°F to 400°F.

Stk.	Mfr.	Size	Price
504495	80008	3 oz.	\$5.17



Form-a-Gasket® No. 2 Sealant

Permatex Slow-drying, non-hardening sealant for sealing cut gaskets and stamped parts. Allows for easy disassembly. Use for sealing, not adhesion. Resists common shop fluids and fuels. Works from -65°F to 400°F.

Stk.	Mfr.	Size	Price
504496	80016	3 oz.	\$5.08



Form-a-Gasket® Sensor-Safe Blue RTV Silicone Gasket Maker

Permatex Silicone gasket maker replaces almost any cut gasket. Makes reliable formed-in-place gaskets that withstand temps to 500°F and high pressures. Resists cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Dries tough and flexible. First generation 1970-1980 gasket maker.

Stk.	Mfr.	Size	Price
504375	6BR	3 oz.	\$5.64



Form-a-Gasket® No. 3 Aviation Sealant

Permatex Slow-drying, non-hardening brush-top sealant approved for use in aviation and auto applications. Use for close-fitting machined surfaces, sealing hoses, solid gaskets. Works from -65°F to 400°F. Resists gasoline, oil and grease.

Stk.	Mfr.	Size	Price
504497	80019	4 oz.	\$7.43



High-Temp RTV Silicone Gasket Maker

Permatex Formulated for high temperature applications and heavy-duty use. Replaces almost any cut gasket. Makes reliable formed-in-place gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Temperature range -75°F to 650°F intermittent. First generation 1970-1980 gasket maker.

Stk.	Mfr.	Size	Price
504405	26BR	3 oz.	\$8.70



Ultra Blue® Sensor-Safe RTV Silicone Gasket Maker

Permatex Designed to meet today's technology changes. Sensor safe, low odor, noncorrosive. Outstanding oil resistance and joint movement values. 8x more flexible than cork/composite gaskets, 3 times more oil resistant than conventional silicone. Temperature range -75°F to 500°F intermittent, resists auto and shop fluids and vibration.

Stk.	Mfr.	Size	Price
504440	77BR	3.35 oz.	\$8.32



Gasket Remover

CRC Removes baked on fiber gaskets, gasket adhesives and sealants. Dissolves paints, lacquers, adhesives and varnish. Contains no methylene chloride.

Stk.	Mfr.	Size	Price
532795	03017	16 oz.	\$17.20

ADHESIVES



Auto Adhesive & Sealant

Goop Bonds to metal, glass, plastic, vinyl and leather. Useful for a wide variety of repair applications. Withstands heat up to 150°F.

Stk.	Mfr.	Size	Price
375905	160011	3.7 oz.	\$6.63



E-6000® Series Industrial Strength Adhesive

Goop High performance strength in adhering metals, glass, rubber and plastics makes it a universal maintenance and repair adhesive. Provides adhesion strength and versatility not found in silicones and rubber cements. Self-leveling, flexible, chemical resistant, waterproof and paintable.

Stk.	Mfr.	Size	Price
375920	230022	3.7 oz.	\$6.88

BATTERY CLEANERS



Battery Terminal Cleaner

Gunk Cleans corrosion from battery terminals, cables and surrounding surfaces. Neutralizes acid on and around battery terminals. Safe to use on electrical connections in next-generation and/or hybrid vehicles.

Stk.	Mfr.	Size	Price
688100	BTC6	5 oz.	\$5.40



Battery Terminal Protector

Gunk Provides a protective barrier to inhibit corrosion on battery terminals and cable connectors. Based on reliable lithium grease technology, it won't burn off like petroleum-based products and won't sag or run under the hot hood.

Stk.	Mfr.	Size	Price
688105	BTP6	6 oz.	\$5.40

LUBRICANTS

**Lith-Ease® White Lithium Grease Aerosol**

AGS Aerosol white lithium grease is a long-lasting lubricant with excellent water and heat resistance. Protects against corrosion.

Stk.	Mfr.	Size	Price
943152	WL-16	10.25 oz.	\$5.10

**Anti-seize Lubricant**

Permatex Prevents thread galling, corrosion and cold welding in heavy-duty applications at temperatures -65°F (-54°C) to 2,000°F (1,000°C). Assures easier disassembly. Will not wash out or throw off. Resists moisture, salt and corrosion.

Stk.	Mfr.	Size	Price
504478	I33AR	1 oz.	\$4.76
504482	I33K	1/2 pt.	\$12.60

**Liquid Wrench® Lubricant**

Gunk Powerful blend of quick-acting, fast-penetrating solvent that loosens rusted nuts, bolts and parts in seconds. Protects all metal surfaces from rust and corrosion.

Stk.	Mfr.	Size	Price
942951	L2-04	4 oz. Drip	\$3.78
942950	L112	11 oz. Spray	\$6.89
942949	L116	Pt. Can	\$9.66

**Water Resistant Silicone Lubricant Spray**

WD-40 Safely lubricates, waterproofs and protects metal and non-metal surfaces, including rubber, plastic and vinyl. Dries fast and leaves a clear, non-staining film. Effective temperature range from -100°F to 500°F. Ideal for cables, pulleys, guide rails, valves, linkages, hinges, locks and more.

50-state VOC compliant.

Stk.	Mfr.	Size	Price
966031	300011	11 oz.	\$10.10

**Specialist Rust Release Penetrant Spray**

WD-40 Penetrates to break the bonds that hold stuck parts together. Leaves a protective layer and helps prevent rust and corrosion from re-forming. The Blu Torch™ synthetic additive quickly goes to work on rusted nuts, bolts, threads, locks and chains. Safe to use on plastics, rubber and metal.

50-state VOC compliant.

Stk.	Mfr.	Size	Price
966030	300004	11 oz.	\$9.71

**Dielectric Silicone Compound**

AGS Silicone/bulb grease locks out moisture and avoids corrosion. Seals and protects all electrical connections.

Stk.	Mfr.	Size	Price
942632	DS-2	.08 oz.	\$3.60

**3-in-1 Oil**

WD-40 The multipurpose oil that does it all. It lubricates, cleans and prevents rust.

966001 966020

Stk.	Mfr.	Size	Price
966001	10038	8 oz. Drip	\$6.00
966020	100703	4 oz. Drip w/Telescoping Spout	\$4.78

**Liquid Wrench® Silicone Spray**

Gunk Compatible with all metals, rubber, plastic and wood. High-viscosity formula eliminates squeaks and lubricates all kinds of mechanical and automotive equipment.

Stk.	Mfr.	Size	Price
688140	M914	11 oz.	\$6.45

**WD-40 Spray Lubricant**

WD-40 Multipurpose lubricant stops squeaks, free rusted parts and sticky mechanisms, protect metals and displace moisture, lubricate and restore smooth operation to moving parts and serve as lathe center lubricant. Flip attached straw into place for direct applications (gal. requires Spray Applicator Bottle, sold separately). Silicone-free and clean to use.

Stk.	Mfr.	Item	Size	Price
966013	11005	Smart Straw Spray	8 oz.	\$6.33
966014	10032	Smart Straw Spray	12 oz.	\$8.46
966009	10124	Big Blast Aerosol	18 oz.	\$11.70
966008	10010	Gallon	1 gal.	\$27.40
966003	10000	Spray Applicator Bottle		\$5.62

**Biodegradable Lubricant**

LiquiFix Penetrates and lubricates all surfaces including aluminum, nylon and rubber without pitting by creating a corrosion resistant barrier and forming an ultra thin, non-drying anti-static film. Protects against rust and corrosion and does not evaporate. Non-toxic, odorless. Effective to -35°F.

Stk.	Mfr.	Size	Price
502610	401216	16 oz.	\$9.45

**Extra Fine Graphite Lubricant**

AGS Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

Stk.	Mfr.	Size	Price
942897	MZ-5	32 grams	\$5.02

**Slide-All Dry Spray Lubricant**

Elmer's Teflon dry spray lubricant provides more slip than silicone and graphite, but without oily stains.

Stk.	Mfr.	Size	Price
257619	E450	4 oz.	\$6.08



PB Blaster Penetrating Catalyst

Blaster Chemical Penetrates, lubricates, prevents rust and converts to a lubricating film after permeation. Fortified with surface oxidation and rust-proof chemistry. Starts wet ignitions and penetrates wet or icy frost. Intense wetting agent. Displaces moisture in electric relays.

Stk.	Mfr.	Size	Price
943154	16-PB	11 oz.	\$7.34



Multi Purpose Spray Lubricant

3M Specialized aerosol formula provides the characteristics of lubricating oil, penetrating oil, demisting coating and thin-bodied transparent rust preventative coating.

Stk.	Mfr.	Size	Price
590253	08898	10.5 oz.	\$7.77



Premium Wheel Bearing Grease

Pennzoil High-performance grease providing high-temp protection and resistance to water washout. Extreme-pressure properties and high dropping point. Use for vehicles with disc brake and ABS systems. Ideal for chassis lubrication. Premium red color. Exceeds NIGI GC-LB specification.

Stk.	Mfr.	Size	Price
943202	7771	16 oz.	\$7.80



White Lithium Grease

AGS All-weather, high-film strength grease guards against rust in all temperatures.

Stk.	Mfr.	Size	Price
942660	WL-15	16 oz.	\$5.64

THREADLOCKERS



Medium Strength Threadlocker Blue

Permatex Eliminates the need for stocking lock nuts and lock washers. Locks and seals while preventing parts loosening due to vibration. Protects threads from corrosion. Medium strength (60 ft. lbs.) for easy disassembly.

Stk.	Mfr.	Size	Price
504550	24240	36 ml	\$31.30



High Strength Threadlocker Red

Loctite High-strength adhesive adds 3,400 psi of holding power on newer slip or press fit assemblies. Replaces set screws and snap rings. Requires extra effort or special tools for removal. Fills gaps to .007".

Stk.	Mfr.	Size	Price
504529	27100	6 ml. tube	\$8.68
504556	27140	36 ml. bottle	\$31.30



Multi-Purpose Blue Threadlocker

Devcon Temperature and chemical-resistant locking compound keeps nuts and bolts from coming loose wherever vibration is a problem.

Stk.	Mfr.	Size	Price
943268	24345	6 ml.	\$3.78

FLUIDS



Pennzoil Motor Oil

Pennzoil Multi-viscosity 10W-30 motor oil.

Stk.	Mfr.	Size	Price
943053	3619	1 qt.	\$9.34



Heavy-duty Brake Fluid

Radiator Specialty Heavy-duty brake fluid for US and foreign cars and trucks. Meets and complies with DOT 3 Federal Standard No. 116, Exceeds Federal VV-B680 and SAE J1703 specifications.

Stk.	Mfr.	Size	Price
943051	M4432	32 oz.	\$7.56
943052	M4434	1 gal.	\$26.80



Power Steering Fluid & Stop Leak

STP Formulated to stop or reduce loss of fluid caused by leaky seals due to wear or shrinkage.

Stk.	Mfr.	Size	Price
943039	66046	12 oz.	\$5.12

RUST REMOVERS & COATINGS



Naval Jelly

Duro Chemically removes rust from all iron and steel surfaces. Brush-on, wash off.

Stk.	Mfr.	Size	Price
504290	01-80277	Pint	\$8.39



Rust Remover

Krud Kutter Water-based formula penetrates metal to dissolve rust and oxidation through chemical action. Rust-inhibiting crystals bond with metal surface to resist future rusting. Dry surface may be painted, welded, plated, lubricated or left bare. Spray, brush or dip on rusted or new metal, galvanized metal, aluminum, stainless steel, cast iron, chrome, brass, concrete, brick, stucco, stone, marble, porcelain, fiberglass, ceramic, glass, rubber, plastic.

Stk.	Mfr.	Size	Price
889360	MR32	32 oz. spray	\$13.50



Metal Polish

Noxon Use to clean and shine brass, bronze, copper, chromium, stainless steel, aluminum and pewter.

Stk.	Mfr.	Size	Price
942803	00117	12 oz.	\$6.26



Specialist Rust Release Penetrant Spray

WD-40 Penetrates to break the bonds that hold stuck parts together. Leaves a protective layer and helps prevent rust and corrosion from re-forming. The Blu Torch™ synthetic additive quickly goes to work on rusted nuts, bolts, threads, locks and chains. Safe to use on plastics, rubber and metal.

50-state VOC compliant.

Stk.	Mfr.	Size	Price
966030	300004	11 oz.	\$9.71



Tite Seal Auto Body Rubberized Undercoating

Gunk Protects vehicle body against moisture, dirt, corrosive road salt and improves auto body soundproofing.

Stk.	Mfr.	Size	Price
688430	T1617R	16 oz.	\$9.43

PARTS WASHERS



Bench Top Solvent Parts Washer

R & D Equipped with flow-through brush for cleaning small parts. For use with petroleum based solvents with a flash point over 104°F. Not to be used with chlorinated solvents.

- Baked on powder coated epoxy finish
- Fire-protective lid closure up to 165°F
- Flex hose w/brush

Interior tank 25"L x 14"W x 9"H. Tool weight 52 lbs.
Overall size 26-1/2" x 14"W x 22"H.

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
498506	CM60	115	1	5 gal.	\$436.00



EcoMaster 5

KleenTec Corrosion resistant heavy-duty pump.

- Flo-thru brush
- On-off switch built into cord
- Stainless steel lid & top
- Spring loaded door closure
- Heavy-duty, high density polyethylene tank

Interior tank 19"L x 3-1/4"W x 7"D.
Overall size 21-1/2"L x 15-1/2"W x 10-1/2"H.

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
498518	EM5	115	1	3-4 gal.	\$307.00



Solvent Brake Washer

R & D Portable brake washer equipped with handle, flow-through brush and 4 casters (2 locking). Clean brake components without removing parts from the vehicle. For use with petroleum based solvents with a flash point over 104°F. Not to be used with chlorinated solvents.

- Split-lid w/fusible links 165°F

- Durable, baked on powder coated epoxy finish
- Removable work tray

Interior tank 32"L x 22"W x 10"H. Fluid depth 2-3/4" min., 5-3/4" max.
Overall size 36"L x 26"W x 12"H.

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
498505	CM400	115	1	12 gal.	\$920.00



Recirculating Parts Cleaner

Graymills Works with as little as 2-1/2 gal. of solvent. 10 gal. maximum solvent capacity. 3-way solvent filtration system. 16 ga. metal tank back and bottom. 18 ga. front and sides.

Interior tank 30"L x 18"W x 8-3/4"H.
Overall size 36"L x 18"W x 53-1/2"H (w/lid).

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
432425	HK150-A	115	1	2.5-5 gal.	\$977.00



Handi-Kleen® PL 36

Graymills Parts are scrubbed by a hand-held brush under the flush hose, then rest on removable sloped metal shelf above fluid or may be soaked in solvent below the shelf. 16 ga. steel (bottom & rear), 18 ga. steel (sides). Basket keeps small parts in reach.

- Fusible link safety cover
- Dual filtration for clean working solution

Interior tank 29-1/2"L x 22"W x 16"D.
Overall size 36"L x 22"W x 60"H (w/lid).

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
432340	PL36-A	115	1	8.5-20 gal.	\$1,175.00



Aqueous Portable Brake Washer

KleenTec Drum mounted for easy waste disposal. Dual filtration system extends life of cleaning solution. Equipped with flow through brush and flexible metal spigot. Cover can be used as a catch basin. Use with aqueous-based cleaning solution.

- Heavy-duty air pump
- Features on-off valve
- Prefilter screen & asbestos sock filter
- Adjustable pressure regulator
- Can be used as a portable parts or brake washer
- 15 gal. heavy-duty drum dolly w/4 casters (2 locking)
- Heavy-duty drum for long life machine performance

Interior sink 24"L x 20"W x 7"D. Fluid depth 6-1/2" min., 15-3/4" max.
Overall size 28"L x 28"W x 41"H.

Stk.	Mfr.	Fluid Capacity	Price
498510	EM1435	12 gal.	\$940.00



Clean-O-Matic

Graymills Loosen dirt and grime with this free standing cold solvent parts cleaner. Pumps are designed with no bearings or seals immersed in liquid and are virtually abrasive resistant.

- 1 heavy expanded metal work shelf & 1 solid flanged steel work shelf
- Adjustable pistol grip flush nozzle w/flexible neoprene hose

- Washable 40 mesh screen located above liquid to filter solvent
- 500A's Hydro-jet manifold disperses cleansing pump flow throughout the tank, 300A has a pump discharge jet instead of manifold
- 2 removable sludge trays & drain plug for easier cleanup
- Rugged construction w/ 14 & 16 ga. steel
- Extra long flexible metal faucet flush hose
- 3-way cleaning action selector
- Recessed control switch
- Revolving casters

Interior tank (approx.) 32-1/4"L x 21"W x 23-3/4"H.

Overall size 44"L x 21-1/2"W x 58"H (w/lid).

300A 1/10 HP centrifugal pump. Flow capacity 4.5 GPM through the flush hose.

Stk.	Mfr.	Volts	Phase	Fluid Capacity	Price
432469	300A	115	1	16-42 gal.	\$2,424.00

500A 1/3 HP centrifugal pump & hydro-jet manifold. Flow capacity 40 GPM through the manifold or 18 GPM through the metal hose.

432536	500A	115	1	16-42 gal.	\$2,778.00
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Aqueous Front Load Parts Washer

Aaladin Eco-friendly system.

- Seal-less "EZ-Load" door
- Dual zone quick service filters w/slide out fine debris screen & small debris catch basket
- Automatic oil skimming system
- Small parts soaking system
- Large removable basket

- Dry floor evaporator
- Belt-driven 28" turntable
- Steel oil skimmer
- Power vent
- 10 kw heater
- 72 zero-degree spray jets
- 1,500 lb. load capacity
- ETL & C-ETL listed

41" load height. Overall size 45"L x 61"W x 87"H. Shipping weight 1,120 lbs.

Stk.	Mfr.	Item	Volts	Phase	Fluid Capacity	Price
120050	2085E-MS	Mild Steel	230	3	85 gal.	\$13,941.00
120051	2085E-SS	Stainless Steel	230	3	85 gal.	\$20,912.00



Super Agitene

Graymills A safe, clear green parts cleaning fluid with a mild fresh smell. 8 ingredients make it easy on hands, yet cuts grease, motor oil, machine oil, cutting oil and water soluble oils with ease. Also cleans oil and light varnishes from engine parts where carbon deposits and baked on varnish aren't a problem. Lanolin leaves a light coating to retard corrosion, lengthening the life of parts. Flash point 110°F.

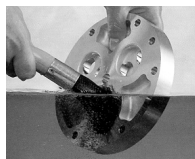
Stk.	Mfr.	Size	Price
432640	M5005	5 gal.	\$185.00
432670	M8400	50 gal.	\$1,194.00



Parts Cleaning Brush

Weiler Removes dirt and grease from motors, machinery and metal parts. Nylon bristles hold up under repeated use in cleaning solvents.

Stk.	Mfr.	Price
969334	25221	\$3.45



HI-T® Degreasol® Cleaning Solvent

Kleer-flo General purpose cleaner cuts oil, grease, sludge & dirt. Needs no rinsing. Easy on hands & safe on metals, babbitt, plastics, solder & painted surfaces. Will not discolor, pit or corrode bronze, brass, aluminum or steel. A blend of sulphur-free compounds. Conforms to California's clean air Rule 66. High 124°F flash point for safety.

Stk.	Mfr.	Size	Price
498509	DG-5	5 gal.	\$210.00
498515	DG-55	55 gal.	\$1,184.00



Heavy Duty Degreaser Concentrate

Water Works Concentrate offers a safer alternative to hazardous cleaning chemicals, such as mineral spirits, butyl-based products, caustics & alkaline detergents. Aqueous solution offers a non-hazardous alternative for a range of uses.

Stk.	Mfr.	Size	Price
498535	14-11814	5 gal.	\$152.00
498536	14-12161	50 gal.	\$1,013.00



Krud Kutter Parts Washer Cleaner/Degreaser

Krud Kutter Safe alternative to hazardous cleaning chemicals such as mineral spirits and other solvents. Multi-purpose formula, with Prevent-X Corrosion Inhibitor™, is designed to be used in immersion, ultrasonic, manual and spray applications. Safely and effectively removes grease, grime, oils, carbon, ink and other organic deposits.

Stk.	Mfr.	Size	Price
899330	EC01	1 gal.	\$24.40

SANDBLASTING



Portable Blast System

Cyclone Remove rust, corrosion and paint effectively with this light weight mobile unit. Trigger-operated gun, 6" dia. wheels.

1/8" ceramic nozzle. 100 lb. sand capacity.

1/2" ID x 10'L hose. 14 CFM @ 80-100 PSI.

Tank diameter 12". Overall height 29". Weight 69 lbs.

Includes gauge-pressure relief valve & goggles.

Stk.	Mfr.	Price
316548	PT-100	\$743.00



Sand Blasting Kit

Cyclone Designed for liquid, air or sand blast cleaning of parts, tools, engines and other surfaces. Trigger gun 14 CFM @ 80-90 PSI.

Includes 10' air hose (1/4 NPT), trigger gun, 3 nozzles, 1 blast orifice, allen wrench & 14' pick up tube.

Stk.	Mfr.	Price
316549	7003	\$33.90



Rubber Gloves

Cyclone 24" rubber dip-molded gloves.

Stk.	Mfr.	Price
316625	2023	\$54.40



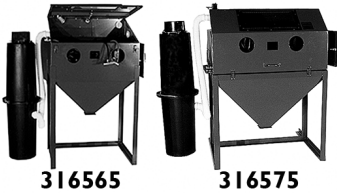
Bench Top Side-Loading Sandblast Cabinet

Shop Fox Safely blast away paint and rust without making a mess around your shop. Side-loading compact design is perfect for those in search of space saving options. The hopper recycles and stores the sandblasting media for reuse or easy removal.

10 lb. sand capacity. 2 access doors 16"W.
Size 24-1/2"W x 21-1/8"H x 19-1/2"D. Weight 50 lbs.

Includes industrial-duty blast gun w/ceramic tip, siphon hose, built-in light, large viewing window, & sealed rubber gloves.

Stk.	Mfr.	Volts	Window	Air Requirements	Price
785669	M1114	110	9" x 10-3/4"	5-14 CFM @ 60-100 psi	\$258.00



Blasting Cabinets

Cyclone Ideal for cleaning, finishing, peening and deburring, these 18 ga. steel units feature welded seams for dust-free blasting.

- Automatic air shut-off prevents blasting while top door is open

- Welded-in glove rings provide armrest to reduce operator fatigue
- Shielded incandescent bulbs provide better light
- Canister dust collectors eliminate bag collection mess & may be detached for other uses
- Hot air circulation helps keep abrasive dry for better performance
- Cabinet fronts are slanted for better view & reduced fatigue
- Trigger gun assembly
- Bead is recycled for extended use

Dust collector 1,500 DC.

Size: (3624) inside 36"W x 24"D x 24"H, overall 37-1/2"W x 25"D x 59"H.
(4224) inside 42"W x 24"D x 24"H, overall 45"W x 46"D x 60"H.

Weight: (3624) 175 lbs., (4224) 245 lbs.

Top & Side Opening

Stk.	Mfr.	Volts	Window	Air Requirements	Price
316565	3624	110	9" x 12"	14 cfm @ 90-100 psi	\$1,071.00

Full Top & Side Opening

316575	4224	110	9" x 20"	14 cfm @ 90-100 psi	\$1,229.00
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Aluminum Oxide Abrasives

Cyclone A tough, aggressive abrasive used for fast removal of heavy-oxidation burrs, etc. Excellent for preparing surfaces to be coated. 12/20 mesh. 50 lbs.

Stk.	Mfr.	Grit	Price
316626	5021	60	\$99.40
316627	5022	120	\$107.00
316628	5039	150	\$102.00
316629	5024	220	\$116.00

Glass Beads

Cyclone Surfaces are cleaned, deburred, decorated and "cold-worked" without etching or removal of basic surface material and without imparting ferrous or other undesirable residues. Beads are environmentally safe and cause no toxic or erosive hazards.

Stk.	Mfr.	Description	Size	Price
316630	5009	Coarse	50 lb.	\$119.00
316631	5002	Medium	50 lb.	\$108.00
316632	5010	Fine	50 lb.	\$110.00
316633	5011	Extra-Fine	50 lb.	\$119.00

PRESSURE WASHERS



Electric Pressure Washer

Campbell Hausfeld Unit operates quietly, efficiently and without fuel emissions. Instant Start/Stop shuts motor off when gun is not engaged. Conserves water and electricity, as well as extends the life of the pump.

- Convenient on-board storage for accessories
- Lightweight & compact
- 1-yr. mfr.'s warranty

Tool size 12.6"L x 10.24"W x 21.26"H. Tool weight 22 lbs.

Includes adjustable fan lance, detergent cup & 20' high pressure hose.

Stk.	Mfr.	PSI	Gal/Min.	Price
291223	PW1625	1,600	1.4	\$170.00



Gas Pressure Washer

Campbell Hausfeld Powerful, reliable commercial-grade pressure washer is tough enough for any cleaning job. Honda GX160 engine powers CAT triplex pumps for professional results. Steel powder-coated frame has easy-rolling pneumatic wheels.

- Sturdy 25' x 3/8" high-pressure hose

- Commercial pump w/ceramic plungers & high-pressure seals
- Quick-connect fittings allow faster setup & breakdown
- Chemical tube draws soap from 1 or 5 gal. container
- Low Oil Alert System prevents engine damage
- Steel cart w/10" dia. pneumatic wheels easily moves 86 lb. unit
- Heavy-duty gun sprays patterns (0°, 15°, 25°, 40°) & dispenses soap (65° tip)
- 3-yr. mfr.'s limited warranty

Includes gun w/auxiliary handle, hose, 16" chrome lance, 5 quick-connect tips, steel cart w/2 wheels, detergent tube, on-board tool storage.

Stk.	Mfr.	PSI	Gal/Min.	Price
291225	PW2770	2,750	2.5	\$1,298.00



14HE Series Portable Pressure Washer

Aaladin Exclusive Exchange Technology uses 30% less fuel than standard hot water pressure washers. Stack temperature is 150°, much cooler than a standard model (925°). Cooler exhaust equals better fuel efficiency. Significantly reduces carbon monoxide, nitrogen monoxide & nitrogen oxide emissions.

- Time delay shutdown
- Hour meter
- Magnetic starter
- 0°, 15°, 25°, & 40° quick-couple nozzles

PSI 3,000. Input BTU's 384,000 Burner fuel tank capacity 11 gallons.

Fuel consumption 1.65 gph @ 60% duty cycle.

Size 37.5"L x 29"W x 44.5"H. Weight 600-650 lbs. (shipping).

8 HP Gal./Min. 4. Output Temp 210°.

Stk.	Mfr.	Volts	Amps	Phase	Price
120000	14-430-SC-HE-IPH	230	40	1	\$9,291.00

7.5 HP Gal./Min. 4. Output Temp 210°.

120001	14-430-SC-HE-3PH	230	20	3	\$9,477.00
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10 HP Gal./Min. 5. Output Temp 190°.

120005	14-530-SC-HE-IPH	230	50	1	\$9,682.00
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44HE Series Self-Contained Pressure Washer

Aaladin Eco-Green® high efficiency, self-contained washer is 96% efficient. Stainless steel vertical heat chamber and control panel. Electric start Vanguard engine with belt drive "clutch". Flat-free, chrome mag wheels with 360° swivel front wheels for mobility.

- Aaladin Exchange® Technology
- Triplex ceramic plunger belt-driven pump

- Downstream chemical injection
- High limit temp., low water, timer shutoffs & pressure relief valve
- Hour meter w/break-in & oil change alert
- Quick-coupled stainless steel nozzles
- Removable engine fuel tank
- Hi-gloss powder coated, heavy duty welded tubular frame
- Extended oil drain
- Quick heating coil access
- Water separating fuel filter

3,000 PSI. 280,000 input BTU's. 18A charging system. Burner 12V. Burner oil tank capacity 5.75 gallons. Gas tank capacity 5.75 gallons. Fuel consumption .99 gph @ 60% duty cycle. Size 47"L x 32"W x 37"H. Weight 610 lbs.

Includes 3/8" x 50' wire braid discharge hose, trigger gun control, shock mount molded battery box & integrated cord/hose hangers.

Stk.	Mfr.	HP	Phase	Gal/Min.	Output Temp.	Price
120080	44-530B-C-HE	16	1	5	210°	\$10,347.00



71HE Series Stationary Pressure Washer

Aaladin Eco-Green® high efficiency washer is 98% efficient. Heavy duty, totally enclosed steel cabinet with heavy duty formed steel legs and durable hi-gloss powder coated paint finish. System protection devices monitor water flow, water pressure and water temperature. ETL listed.

- Aaladin Exchange® Technology

- Heating coil constructed of ASTM A53 schedule 80 steel pipe
- Full laminate high visibility control panel overlay
- Rear exhaust port for 4" CPVC or galvanized stack pipe
- Hour meter w/break-in & oil change alerts
- Triplex ceramic plunger belt-driven pump
- Adjustable temperature control
- Removable steel compartment covers
- Quick-coupled stainless steel nozzles
- Calibrated detergent mixing valve
- Watertight electrical panel
- Easy-access latching
- Electronic ignition
- Stainless steel float tank
- Soap solenoid

3,000 PSI. 240,000 input BTU's. (71530-C-IPH) 320,000 BTU's. 32"L x 48"W x 52-1/2"H. Weight 887 lbs. (71530-C-IPH) 912 lbs.

8 HP Gal./Min. 4. Output Temp 190°.

Stk.	Mfr.	Volts	Amps	Phase	Price
120100	71-430-C-IPH	208/230	40	1	\$12,621.00

7.5 HP Gal./Min. 4. Output Temp 190°.

Stk.	Mfr.	Volts	Amps	Phase	Price
120101	71-430-C-3PH	208/230	40	3	\$12,811.00

10 HP Gal./Min. 5. Output Temp 190°.

Stk.	Mfr.	Volts	Amps	Phase	Price
120105	71-530-C-IPH	208/230	50	1	\$14,095.00



8000 Series Electric Pressure Washer

Aaladin Ideal for situations when open flames or exhaust cannot infiltrate cleaning area. Revolutionary hot water washer equipped with heavy-duty, removable high pressure heating elements that heat water instantly. System protection devices monitor water flow, water pressure and water temperature. ETL listed.

- Powder coated heavy duty tubular steel frame & legs

- Unitized high pressure heating manifold
- Triplex ceramic plunger belt-driven pump
- Lighted solenoid-controlled detergent system
- Calibrated detergent mixing valve
- Dual temp hi-limit control
- Enclosed heating chamber
- Watertight electrical panel
- Zero pressure uploader
- Pressure relief valve
- Stainless steel panels, hood & float tank
- Quick-coupled stainless steel nozzles
- Incoloy® encased elements
- Automatic shut-down timer

1,200-3,000 PSI. 32"L x 24"W x 48"H Shipping weight 600 lbs.

Includes 3/8" x 50' wire braid discharge hose, trigger gun control.

Stk.	Mfr.	Volts	HP	Amps	Phase	Gal/Min.	Output Temp.	Price
120070	8430-C	440	7.5	90	3	2-4	210°	\$13,095.00

AIR COMPRESSORS

Portable Air Tank



Tailgate Tools Heavy-gauge steel tank with rust-proof baked finish. Features easy-read pressure gauge, built-in pressure bypass valve and carrying handle.

Includes air bypass valve, pressure gauge & 4' rubber hose w/tire chuck.

Stk.	Mfr.	Operating Pressure	Tank Capacity	Price
943264	WT1010A	125 psi	10 gal.	\$83.80

Portable Air Compressor



Campbell Hausfeld For inflation, brad nailing, stapling and airbrushing. 1 gal. tank eliminates the pulsations caused by piston action. Conveniently placed, easy-read gauge for easy monitoring of air pressure. Sturdy handle allows handy transport and storage.

Air delivery (scfm) 0.51 @ 40 psi & 0.39 @ 90 psi.

Size 11.8"L x 11.8"W x 12.7"H. Weight 16 lbs.

Includes 2 inflation nozzles, needle & adapter, air chuck & 25' recoil hose.

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
291141	FP2028	120	100 psi	1 gal.	\$133.00



1.5 Gal. Oil-Free Fully Shrouded Air Compressor

PORTER-CABLE Durable oil-free pump for long life and no maintenance. Motor starts easily in cold weather or with extension cord.

- 20 lbs. for easy portability
- Low noise at 79 dBA for a quieter working environment

• Fully enclosed design provides protection from hot or moving parts

Air delivery (scfm) 3.0 @ 40 psi/ 2.0 @ 90 psi. Weight 20 lbs.

Includes 25' nylon coil hose, 2 tapered nozzles, inflation needle, 1/4" tire chuck, hose adapter, 2-piece high flow inflator/deflator kit & teflon tape.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
636778	CMB15	120	.75	150 psi	1.5 gal.	\$176.00



0.8 HP Air Compressor

PORTER-CABLE Low amp 120V motor starts easily in cold weather or with extension cord. 6 gal. pancake style tank for stability, includes water drain valve and rubber feet. Higher pressure for longer air tool performance.

- Oil-free, no maintenance pump
- 2.6 scfm @ 90 psi for fast recovery time
- Upgraded shroud, handle & console cover protect vital components
- 2 regulated air couplers for 2 users
- Hi-flo regulator

Air delivery (scfm) 3.5 @ 40 psi & 2.6 @ 90 psi. Weight 34 lbs.

Includes 13 pc. accessory kit (25' x 1/4" PVC air hose w/coupler & plug, tire chuck w/plug, blo-gun w/plug, tire gauge, OSHA safety nozzle w/4 inflator adapters), on-board cord wrap & manual.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
636776	C2002-WK	120	.8	150 psi	6 gal.	\$279.00



Heavy Duty Trim Compressor

DEWALT Compact, portable and can be operated/stored in either the vertical or horizontal position. Roll cage design creates a convenient and comfortable handle for transportation, storage, and protection. Shroud has a cord wrap for easy storage and

the tank has a ball drain valve for quick and thorough tank draining. Durable, oil-free pump provides maintenance-free operation.

- 12 amp motor provides easy start-up and reduces breaker tripping
- Dual quick couplers to easily support 2 nailers
- 71.5 dB operating noise level
- High-flow regulator for increased performance

Air delivery (scfm) 4.0 @ 40 psi & 3.0 @ 90 psi. Tool size 20.5"L x 16.75"W x 12.5"H. Weight 36 lbs.

Includes 2 universal couplers.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
243425	DWFP55130	120	1.1	200 psi	2.5 gal.	\$343.00



1 HP Air Compressor

Senco 4 Amp compressor with a direct-drive induction motor for finish and trim work, plus crafts. Ultra-quiet, electric operation. Lube-free. Easy-read tank and pressure gauges. Lightweight aluminum tank and soft-grip handle. 1-yr. mfr.'s warranty.

Air delivery (scfm) 1 @ 40 psi & 0.7 @ 90 psi. Size 14"L x 12.5"W x 10"H. Weight 20 lbs.

Includes regulator, pressure gauges, 1/4" universal coupler & air filter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
291536	PC1010	110	1	125 psi	1 gal.	\$213.00



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5 & 5.5 HP Air Compressors

Campbell Hausfeld Maintenance free oil-free direct drive workhorse offers easy-to-operate controls with descriptive icons.

- Oversized, easy-reference gauges
- Hot moving parts covered by durable shroud
- Storage for couplers, plugs, tape
- UL listed

Air delivery (scfm) 6.5 @ 40 psi & 5.1 @ 90 psi.

Air hoses sold separately.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Weight	Price
291096	WL6501	120	5	125 psi	13 gal.	76 lbs.	\$440.00
291095	WL6502	120	5.5	125 psi	20 gal.	89 lbs.	\$442.00



1.1 HP Air Compressor

DEWALT 2-Pole, 3,400 rpm direct drive, low amp induction motor with dual soft start valves. Oil-lubricated pump w/cast iron cylinder for durability. High-flow regulator increases performance. Hand-carry 4 gal. twin stack tank. Rapid recovery operating at 90 psi.

Air delivery (scfm) 5.4 @ 40 psi & 4.6 @ 90 psi. Weight 56.5 lbs.

Includes compressor oil.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
242870	D55153	120	1.1	125 psi	4 gal.	\$384.00



1.3 HP Air Compressor

Campbell Hausfeld Low amp motor for high-quality performance with fewer tripped circuit breakers.

- Oil-lubricated pump, cast iron single cylinder
- Durable, safe ASME code tank
- Oil sight glass for visual monitoring of oil level

Air delivery (scfm) 4.5 @ 40 psi & 3.7 @ 90 psi. Weight 75 lbs.

Air hoses sold separately.

Stk.	Mfr.	HP	Max. Pressure	Tank Capacity	Price
291119	HL5401	1.3	125 psi	8 gal.	\$328.00



1.5 HP Electric Air Compressor

Senco Quiet, electric oil-splash compressor for contractors and remodelers requiring durability with less weight for worksite portability.

- Cast iron cylinder for superior pump life
- Electric overload switch w/manual reset
- Efficient direct-drive pump (3,400 rpm) & induction motor
- Cold start valve provides easy start-up in cold climates
- 13 amp unit won't trip circuit breakers
- Cover for hot moving parts
- Steel tank
- Soft-grip handle
- 1-yr. mfr.'s warranty

Air delivery (scfm) 3.5 @ 90 psi. Size 20.5"L x 8"W x 18.5"H. Weight 39 lbs.

Includes 1/4" universal coupler & compressor oil.

Air hoses sold separately.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
291537	PC1130	115	1.5	125 psi	2.5 gal.	\$250.00



2 HP Electric Air Compressor

Senco 14 Amp workhorse compressor generates 4.4 cfm powering applications from finish to framing. The oil-splash design and induction motor provide the durability demanded by professional contractors. Cast iron cylinder for long pump life.

- Efficient direct-drive pump (3,450 rpm) & induction motor

- Electric overload protection switch w/reset Cold start valve
- 14 amp unit won't trip circuit breakers
- Steel tanks, soft-grip handle
- 1-yr. mfr.'s warranty
- Cover for hot moving parts

Air delivery (scfm) 4.4 @ 90 psi. Size 20"L x 14.5"W x 16.5"H. Weight 60 lbs.

Includes 1/4" universal coupler & compressor oil.

Air hoses sold separately.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
291538	PC1131	115	2	125 psi	4.3 gal.	\$347.00

4 or 6.5 HP Single-stage Cast Iron Air Compressors

Campbell Hausfeld High air flow to power a wide variety of air tools. Heavy-duty oil lubricated, twin-cylinder cast iron pump. Steel valves for efficient operation and minimal carbon build-up.

- ASME code tank for greater air storage
- Product life up to 5,000 hrs. (based on B-10 bearing life)
- UL listed



291206

291205

Air hoses sold separately.

Air delivery (scfm) 6.5 @ 40 psi & 5.5 @ 90 psi. Weight 171 lbs.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
291206	VT6290	120/240	4	135 psi	20 gal.	\$662.00

Air delivery (scfm) 11.5 @ 40 psi & 10.2 @ 90 psi. Weight 254 lbs.

291205	VT6275	240	6.5	135 psi	60 gal.	\$697.00
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7.5 HP 2-Stage Air Compressor

Campbell Hausfeld Rugged cast iron, 2-stage pump for heavy-duty commercial/industrial applications. Delivers up to 15,000+ hrs. of pump life (per B-10 bearing rating). Certified ASME tank (to 200 psi max. pressure).

- 230V NEMA motor w/thermal overload protection
- Mounted, magnetic motor starter is pre-wired
- Stainless steel valves
- Ductile iron crankshaft
- Precision-balanced flywheel

- Low pump rpm
- 3-yr. mfr.'s limited warranty
- Oil sight glass

Air delivery (scfm) 23.7 @ 90 psi & 22.2 @ 175 psi. Weight 540 lbs.

Stk.	Mfr.	HP	Phase	Max. Pressure	Tank Capacity	Price
291120	CE7000	7.5	1	175 psi	80 gal.	\$2,839.00

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5 HP Air Compressor

Campbell Hausfeld 5 HP, 230V, 1 phase Nema electric stationary air compressor provides up to 10,000+ hours of pump life. Cast iron 2-stage pumps constructed for heavy-duty industrial applications.

- Motor starter not required, reducing installation costs
- Operates a wide range of tools w/longer run time
- 80 gal. vertical ASME certified tank is certified for 200 psi max. pressure, assuring safe operation
- Oil sight gauge provides a large amount of air storage to get large jobs done faster
- Thermal overload protection
- 3 yr. mfr.'s warranty

Air delivery (scfm) 14.6 @ 90 psi & 14.1 @ 175 psi. Weight 476 lbs.

Stk.	Mfr.	HP	Phase	Max. Pressure	Tank Capacity	Price
291121	CE6000	5	1	175 psi	80 gal.	\$2,439.00

Pneumatic Air Tool Oil



Campbell Hausfeld Use w/oil-lubricated air tools to maximize tool performance & long tool life.

Stk.	Mfr.	Size	Price
291135	ST1270	8 oz.	\$4.23

Milton Extends life & performance of air tools, lubricators, valves & cylinders. Prevents seizure of air tools & pneumatic equipment. Recommended for tools requiring 10 weight non-detergent lubricant. 5°F to 350°F working temperature.

Stk.	Mfr.	Size	Price
968495	1001-4	4 oz.	\$6.93

Pneumatic Air Tool Oiler



Campbell Hausfeld Attaches between tool and air hose to lubricate tool as you use it. Prevents rust and prolongs tool life.

Stk.	Mfr.	Price
291160	MP2680	\$12.50

Air Compressor Oil



Campbell Hausfeld Prolong compressor life by reducing valve carbon build-up. Oil can be used on all oil lubricated air compressors. High-quality, 30 weight, non-detergent, single viscosity oil.

Stk.	Mfr.	Size	Price
291133	ST1253	16 oz.	\$7.38



Pressure Gauge

Milton High-quality gauge for compressors, filters, regulators, lubricators, air lines, pneumatic tools & equipment. Brass mechanism w/ABS case & 2" polycarbonate lens is resistant to heat, corrosion, water & oil. Bottom mount.

Temperature range -13°F to 120°F. 1/4" NPT. 0-160 psi.

Stk.	Mfr.	Price
968510	1194	\$15.40



CleanAir Centrifugal Filter-Regulator Unit

DeVilbiss Air filter w/regulator eliminates moisture from air supply. Filters out dirt particles up to 5 microns. Drains automatically. Made in USA.

Regulated Pressure Range: 0 - 125 psi.

Includes air filter w/automatic drain, regulator, 2 gauges & 2 ball valves.

For complete specifications please visit our website.

Stk.	Mfr.	Price
241020	HFRL-508	\$262.00



2-in-1 Standard Series Regulator & Filter

Campbell Hausfeld Space-saver unit combines filter and regulator. Large capacity metal bowl for use with high pressure air compressors.

3/8" NPT female outlet. 25 scfm @ 90 psi. 0-250 psi.

Stk.	Mfr.	Price
291145	PA2125	\$66.20



Piggyback Filter/Regulator

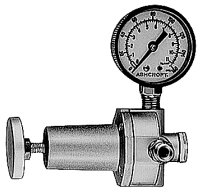
Milton Piggyback duo w/features of the standard regulator, plus the space-saving convenience of a combined filter.

- 6 oz. corrosion-resistant metal bowl
- 3-position knob lock/adjust/remove
- 40 micron filter element
- Relieving regulator
- Automatic overnight drain
- Non-rising adjustment

Max. inlet pressure 200 psi. Outlet pressure 2-125 psi. Temperature range 40°F to 160°F.

Stk.	Mfr.	Max. SCFM	NPT	Price
968500	1109	50 psi	1/4"	\$84.00
968501	1110	80 psi	3/8"	\$84.40
968502	1111	100 psi	1/2"	\$84.70

Regulators



Campbell Hausfeld Easily attaches to any air tool for quick regulation. **Includes** 1/4" NPT female outlet & 1/4" NPT female outlets.

Stk.	Mfr.	Item	Price
291155	MP1042	0-160 psi	\$12.20

Speedy U.S. Government approved air regulator with gauge. **Includes** 1/4" NPT female inlet & two 1/4" NPT female outlets.

Stk.	Mfr.	Price
279266	AL820RG	0-60 psi \$54.60

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Filter/Regulator/Lubricator

Campbell Hausfeld Integrated system filters, regulates & lubricates air from stationary single or 2-stage air compressors. Eliminates water & other contaminants to increase air tool life & improve spray painting results. Special painting outlet attaches to a separate air hose to bypass the lubricator when painting. Automatic oil lubrication helps protect air tools from rust & friction.

48 scfm @ 100 psi. 5 micron filter element. 0-200 psi input, 0-125 psi output.

Includes brass quick coupler & mounting bracket.

Filter/Regulator/Lubricator

Stk.	Mfr.	Price
291138	PA2078	\$68.20

Air Filter Increase tool life by reducing rust & improve your paint job by reducing water & particles in the paint. Max. input pressure is 100 psi. 35 scfm @ 100 psi.

Stk.	Mfr.	Price
291151	PA2121	\$34.40

Pressure Regulator Adjusts & maintains air from stationary single-stage or 2-stage air compressor. 0-300 psi input, 0-125 psi output. 80 scfm @ 100 psi.

Stk.	Mfr.	Price
291153	PA2123	\$42.20



Desiccant Dryer

Campbell Hausfeld Desiccant dryer provides extremely dry air for applications requiring complete removal of water and water vapors. Desiccant changes color when it needs to be changed or recharged. Outlet screen keeps particles out of tools. Oil removal filter removes 99.9% of all aerosols. Clear bowl with metal guards for easy viewing of fluid level and impact protection. Quick release bowl and quarter turn drain for easy maintenance.

0-125 psi.

0-125 psi.

Stk.	Mfr.	Price
291142	PA208503AV	\$113.00



Safety Button Blo-Gun

Milton 11.4 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 5/16" - 24.

Stk.	Mfr.	Price
968268	107	\$9.50



Full Flow Safety Lever Blo-Gun

Milton Precision made instrument with hundreds of automotive and industrial uses.

10.0 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/2" - 27.

Stk.	Mfr.	Price
968335	150	\$13.10



Safety Blo-Guns

Milton Internal design allows maximum discharge of 30 psi while maintaining required

noise level and nozzle pressure with inlet pressure of 150 psi. Extensions have a special angle for cleaning out deep blind holes and have convenient use on long reach applications. 1/2" OD heavy-duty brass tubing extension.

4.5 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 7/16" - 27.

Stk.	Mfr.	Size	Price
968293	133	10" Extension	\$21.10
968294	134	15" Extension	\$23.60



Safety Lever Blo-Gun

Milton Heavy-duty construction with extra large side hang-up hook. Maximum inlet pressure is 150 psi. 30 max. psi. nozzle pressure.

10.6 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
968280	120	\$13.60



Compact Safety Lever Blo-Gun

Milton Compact, versatile blo-gun w/safety nozzle & rubber-tip nozzle. Hang-up hook for easy storage. Zinc die-cast body. OSHA compliant with safety tip only. 150 psi.

11.7 scfm @ 100 psi (safety tip), 12.9 scfm @ 100 psi (rubber tip). 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
968330	S-148	\$10.20



968332



968333

Lever Blo-Guns

Milton For use where a leak-proof connection is required when blowing out fluid lines. O-ring seal provides tight connection to prevent marring delicate finishes.

11.4 scfm @ 100 psi. 1/4" NPT female inlet. 150 max. psi.

Stk.	Mfr.	Item	Price
968332	S-153	Straight	\$14.20
968333	S-154	Bent	\$15.80



Pistol Grip Blo-Gun

Milton Positive control, easy-to-use gun. Precision-made gun w/automotive & industrial uses. Max. 175 psi.

10.0 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
968337	S-160	\$20.00



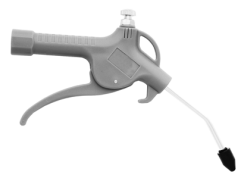
Deluxe Multi-purpose Blo-Gun

Milton 4-in-1 gun w/adjustable trigger for precise air control. Ideal for sandblasting, spraying, cleaning, liquid transfer & air broom drying. Handle storage for unused nozzles. max. 175 psi.

10.6 to 11.4 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Includes four 1/8" NPS nozzles (sandblast siphon, multi-purpose, standard & high-volume safety nozzles).

Stk.	Mfr.	Price
968339	S-165	\$35.50



Comfort Grip Blo-Gun

Milton Adjustable air flow regulator allows variable air volume. Rubber-tip nozzle w/4" extension won't mar surfaces. Hang-up hook. Plastic body, brass inlet 110 psi.

13 scfm @ 90 psi. 1/4" NPT female inlet.

Stk.	Mfr.	Price
968343	S-174	\$16.20



Oil-resistant Air Hoses

Binks For industrial installations and paint spray equipment where resistance to entrained oil and external oil contamination is essential. Also recommended as a fluid hose for water based materials.

Tube: Nitrile rubber (Buna-N). Carcass: High tensile rayon braid reinforcement. Jacket: Neoprene, red, smooth. Connections: reusable - plated brass.

Air hoses with 250 psi. 1/4 female NPT both ends.

Stk.	Mfr.	Size	Price
240900	71-1105	1/4" x 25'	\$77.70
240901	71-1106	1/4" x 50'	\$122.00
240920	71-1355	3/8" x 25'	\$92.70
240921	71-1356	3/8" x 50'	\$143.00



Red Deluxe Air Hoses

Milton 2 braid, 4 spiral, heavy-duty construction.

Air hoses with 250 psi.

1/4" male NPT

Stk.	Mfr.	Size	Price
968480	1630	1/4" x 25'	\$33.90
968481	1631	1/4" x 50'	\$61.60
968484	1634	3/8" x 25'	\$45.00
968485	1635	3/8" x 50'	\$81.00

3/8" male NPT

968482	1632	3/8" x 25'	\$44.70
968483	1633	3/8" x 50'	\$82.40



Blue PVC Air Hoses

Milton Lighter in weight than standard air hoses. Can be used with compressed air, water and mild chemicals. Hose is oil and gasoline resistant.

Air hoses w/250 psi.

1/4" male NPT

Stk.	Mfr.	Size	Price
968537	1640	1/4" x 25'	\$24.70
968538	1641	1/4" x 50'	\$41.80
968539	1642	3/8" x 25'	\$29.70
968540	1643	3/8" x 50'	\$46.90

3/8" male NPT

968541	1644	3/8" x 25'	\$29.90
968542	1645	3/8" x 50'	\$47.20



Nylon Swivel End Recoil Air Hoses

Milton Yellow hoses have spring guards and reusable fittings. Resists oil, grease, corrosion and abrasion. Full swivel fitting on both ends. Use with all air-operated equipment. Air hoses with 200 psi.

1/4" male NPT

Stk.	Mfr.	Size	Price
968543	1667	1/4" x 12'	\$16.80
968544	1669	1/4" x 25'	\$21.70
968545	1670	1/4" x 50'	\$38.70
968554	1674-4	3/8" x 25'	\$42.20
968556	1675-4	3/8" x 50'	\$67.40

3/8" male NPT

968553	1674	3/8" x 25'	\$41.80
968555	1675	3/8" x 50'	\$66.90



Polyurethane Swivel End Recoil Air Hoses

Milton Yellow hoses w/18" straight hose

whip. Resists oil, grease, corrosion & abrasion. Kink resistant & super flexible. For pneumatic tools. Swivel fittings on both ends. -40°F to 100°F temperature rating.

Air hoses w/120 psi. 1/4" male NPT both ends.

Stk.	Mfr.	Size	Price
968546	1671-10	1/4" x 10'	\$32.40
968547	1671-20	1/4" x 20'	\$40.80
968548	1671-30	1/4" x 30'	\$80.80



Swivel End Snubber Hoses

Milton Absorbs shock to couplers from impact tools &/or air hammers. Fitted w/1 steel swivel end for easier use & greater flexibility.

Air hoses w/200 psi. 800 lb. burst strength. 1/4" NPT male 360° swivel end & female 1/4" NPT brass fitting end.

Stk.	Mfr.	Size	Price
968380	S-680	1/4" x 30"	\$16.50
968381	S-680-1	1/4" x 5'	\$20.60
968382	S-680-2	3/8" x 30"	\$16.40
968383	S-680-3	3/8" x 5'	\$22.80



Retractable Hose Reel w/Hose

Campbell Hausfeld Heavy-duty PVC hose for air tools, nailers & compressors. Non-marking, abrasion resistant hose cover w/300 psi max. working pressure. Durable plastic housing.

Stk.	Mfr.	Size	Price
291144	PA5004	3/8" x 50'	\$126.00



Retractable Hose Reel

Craftsman 30' hose winds up compactly into the reel. Plastic housing.

Air hose w/300 psi. Size 14.8"L x 14.5"W x 14.8"H.

Includes adjustable hose stopper, wall-mounting bracket & 3' lead-in hose.

Stk.	Mfr.	Size	Price
305607	16349	30'	\$96.40



Side Winder Hose Reel

Lisle 10" dia. reel prevents tight air hose coils. Constant air supply 1/4" NPT brass swivel keeps air flowing freely & handles up to 250 psi even when dispensing or winding air hose. Coil spring brake keeps reel from unrolling, yet allows easy dispensing of hose. All-steel construction w/durable powder

baked paint finish. 2 built-in tool hangers. Fasten reel in any direction. 6-hole pattern base for bench mount & center line pattern for stud wall mount.

Reel holds 150' of 5/8" O.D. hose or 100' of 3/4" O.D. hose. Supplies 28 cfm at 90 psi. Overall size 17-3/4" dia. x 11"W x 19"H.

Shown w/hose, sold separately.

Stk.	Mfr.	Price
503745	50350	\$101.00



Spring Retractable Hose Reels Reelcraft

Premium Duty Durable & compact for a wide range of applications w/ critical space requirements. A full-flow shaft & swivel assures maximum product delivery. The standard low pressure hose is for air or water service only. Low pressure hose reels furnished standard with PVC hose. All steel construction. Guide arm adjusts to 2 positions. Max. temp. 150°. 300 psi with 1/4" male NPTF outlet & 3/8" female NPTF inlet.

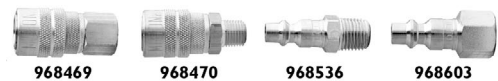
Stk.	Mfr.	Size	NPTF (M)	Price
688400	4425-OLP	1/4" x 25'		\$211.00
688402	5450-OLP	1/4" x 50'		\$297.00
688404	5650-OLP	3/8" x 50'		\$341.00

Medium Duty Economical choice for a medium duty, light weight, spring retractable hose reel for applications that are less demanding but can withstand industrial & commercial use. The standard low pressure hose is for air or water service only. Industrial grade drive spring is protected from the environment in a polypropylene spool. Guide arm adjusts to 7 positions. Max. temp. 150°. 300 psi with 1/4" male NPTF outlet & 1/2" female NPTF inlet.

688410	RT435-OLP	1/4" x 25'		\$175.00
688411	RT450-OLP	1/4" x 50'		\$210.00
688412	RT650-OLP	3/8" x 50'		\$254.00

Inlet Hose Low pressure PVC nylon braid inlet hose for air and water service only. A flexible hose connection must be used between the hose reel inlet and the source of supply to prevent possible misalignment and binding.

688419	S601020-2	1/2" x 2'	1/2" x 1/2"	\$27.30
688420	S601024-2	3/8" x 2'	3/8" x 3/8"	\$27.30



M-style Kwik-Change Air Couplers & Plugs

Milton Couplers & plugs for all air-operated equipment (Blo-Guns, tire inflators, paint sprayers, air hammers & drills, greasing equipment, oil sprayers).

- Interchangeable w/all mfr.'s complying w/Military Specification MIL-C-4109
- Couplers & plugs can be used together regardless of thread size
- Case-hardened steel plugs are plated to resist rust
- Brass coupler bodies w/brass sleeves

Max. inlet pressure 300 psi. Air flow 400 scfm.

Couplers Use only w/shop air.

Stk.	Mfr.	Size	Price
968469	715	1/4" NPT Female	\$5.96
968470	716	1/4" NPT Male	\$5.96
968472	718	3/8" NPT Female	\$7.73
968473	719	3/8" NPT Male	\$7.73

Plugs

968536	727	1/4" NPT Male	\$1.49
968603	728	1/4" NPT Female	\$1.56
968474	732	3/8" NPT Female	\$2.60
968475	733	3/8" NPT Male	\$2.60

7-Piece Coupler/Plug Kit Includes female coupler & 6 plugs (3 female, 3 male).

968350	S-212	1/4" NPT	\$13.60
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12-Piece Coupler/Plug Kit Includes 2 female couplers & 10 plugs (2 female, 8 male).

968345	S-210	1/4" NPT	\$23.30
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M-style Push-button Safety Couplers

Milton Double click to engage properly (first click locks coupler & plug, second click engages air pressure). To disconnect, push button 2x (first push relieves pressure, second push allows plug & coupler to disengage).

Stk.	Mfr.	Size	Price
968745	S-99705	1/4" NPT Female	\$15.10
968746	S-99706	1/4" NPT Male	\$15.10

5-Piece Coupler & Plug Kit Includes safety coupler, female coupler & 3 male plugs.

968355	S-219	1/4" NPT	\$19.90
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L-style Kwik-Change Air Couplers & Plugs

Milton

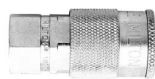
- Push-type couplers engage automatically
 - Couplers & plugs can be used together regardless of thread size
 - Plated-steel couplers & case-hardened, plated steel plugs resist rust
- Max. inlet pressure 300 psi. Air flow 32 scfm.

Couplers Use only w/shop air.

Stk.	Mfr.	Size	Price
968476	790	1/4" NPT Male	\$11.30
968479	794	1/4" NPT Female	\$11.70

Plugs

968477	791	1/4" NPT Male	\$2.25
968478	792	1/4" NPT Female	\$2.38



H-style Interchange Series Couplers & Plugs

Milton

- Push-type coupler engages automatically

- Max. temp. 250°F
- UL listed
- Seals Buna-N
- Case-hardened, steel-plated plugs & couplers resist rust
- Use same style couplers & plugs together regardless of thread size

Max. inlet pressure 300 psi. Air flow 67 scfm.

Couplers Use only w/shop air.

Stk.	Mfr.	Size	Qty.	Price
968570	1835	3/8" NPT Female	1	\$12.20
968571	1836	3/8" NPT Male	1	\$12.20

Plugs

968573	1838	3/8" NPT Female	2	\$2.66
968572	1837	3/8" NPT Male	2	\$2.55



M-Style Air Line Accessory Kit

Campbell Hausfeld Great start-up kit for any air compressor. Blo-gun quickly removes debris or can be used with needles and nozzles for inflation. Tire chuck and gauge helps maintain cars proper tire pressure. Quick-connects allow easy interchange of included tools.

Includes blo-gun, safety nozzle, tapered inflation nozzle, coupler, inflation needle, dual foot air chuck, tire gauge, 6 plugs (2 female, 4 male) & 3 couplers (female, 2 male).

Stk.	Mfr.	Item	Size	Price
291156	MP2847	17-Piece	1/4" NPT	\$21.70



Compressor Accessory Starter Kit

Milton Starter kit of accessories needed for a multitude of compressed air functions. Inflating and checking tire pressure, inflating sports equipment, blowing debris, mending and connecting hoses, quick connection of air tools. Ideal for small repair shop, mobile repair and maintenance.

Includes blo-gun, male hose end, male hose mender, female hex coupling, male hex nipple, female air chuck, 2 M-style couplers (1/4" FNPT), 5 M-style plugs (three 1/4" MNPT & two 1/4" FNPT), tire gauge, blo-gun adapter & inflator pin.

Stk.	Mfr.	Item	Size	Price
968357	S-220	16-Piece	1/4" NPT	\$38.70

Air Compressor Accessory Kit

Craftsman

Includes blow gun, safety nozzle, extension tube, rubber tip nozzle, quick connect coupler, 2 quick connect studs, inflation needle, tapered nozzle tire inflator, blow gun adapter & storage pouch.



Stk.	Mfr.	Item	Size	Price
305630	16391	11-Piece	1/4" NPT	\$16.10

Hose End



Milton Full 360° swivel hose end helps eliminate kinked, twisted air lines. Higher cfm than other swivel hose ends. Steel with black oxide finish.

Stk.	Mfr.	Size	Price
968375	659	1/4" NPT M & F	\$9.18

Hex Nipple



Milton Brass male fitting couples air hose to air tools.

Stk.	Mfr.	Size	Price
968390	S-648	1/4" NPT Male & 1/4" NPS Ball Socket	\$3.70

Air Chuck



Milton Female single head chuck.

Stk.	Mfr.	Size	Price
968402	699	1/4" NPT female	\$2.99



3-in-1 Air Manifold

Milton Supply 3 air tools from 1 inlet. No need to disconnect & connect for each tool change. Sturdy, lightweight aluminum body. 3/8" NPT female inlet x three 1/4" NPT female outlets.

Stk.	Mfr.	Price
968384	S-685-6	\$13.00

5-Piece Kit Includes manifold (1/4" NPT male inlet x three 1/4" NPT male outlets), 3 M-style male couplers & male plug.

Stk.	Mfr.	Price
968356	S-221	\$29.00

Place your order on-line!
www.midwesttechnology.com

AIR & ELECTRIC TOOLS



5" Random Orbit Air Sander

Campbell Hausfeld Produces a swirl-free finish. A great tool for surface preparation.

- Soft palm grip for operator comfort
- Lightweight, composite housing design
- Single lever VS regulator

Pad size 5", PSA. Orbit size 3/16". Tool weight 2 lbs.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291104	CLI565	10,000	11.6 scfm @ 90 psi	1/4" NPT	3/8"	\$143.00



Air Hammer

Campbell Hausfeld Delivers 3,500 blows per minute for fast and powerful cutting action. Ideal for automotive exhaust work and general cutting, chipping and scraping.

- Soft palm grip for operator comfort
- Coil spring retainer for quick chisel changes

• Accepts 0.401" round shank chisels

Stroke 2-5/8". Weight 3.5 lbs.

Stk.	Mfr.	BPM	Air Requirements	Air Inlet	Min. Hose	Price
291100	CLI534	3,500	11 scfm @ 90 psi	1/4" NPT	3/8"	\$57.10



3/8" Air Ratchet Wrench

Campbell Hausfeld Delivers 55 ft. / lbs. of torque to install fasteners in tight compartments. Ideal for automotive engine repair work.

- Rubber grip for added comfort
- Heat-treated ratcheting components for increased durability

Tool weight 2.5 lbs.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291098	CLI501	155	4.8 cfm @ 90 psi	1/4" NPT	3/8"	\$68.70



Air Angle Grinder

Campbell Hausfeld Ideal for deburring, polishing and grinding. Right angle head for easier access into tight spaces.

- Safety latch palm throttle lever eliminates trigger finger fatigue

• Contoured rubber grip provides comfort during use

• Adjustable exhaust deflector

.45 HP. Tool weight 1.6 lbs.

Includes 1/4" & 1/8" collets

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291101	CL2541	18,000	12.5 cfm @ 90 psi	1/4" NPT	3/8"	\$74.60



1/2" Reversible Air Drill

Campbell Hausfeld Drill, hone, ream, hole saw & wire brush most metal or wood materials.

- Soft grip provides increased comfort
- Reversible design to assist when binding occurs

Shank 3/32"-1/2". Tool weight 3.2 lbs.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291103	CLI546	800	15.2 cfm @ 90 psi	1/4" NPT	3/8"	\$104.00



3/8" Reversible Drill

Campbell Hausfeld For general drilling, honing and hole-sawing tasks.

- Soft grip provides increased comfort
- Reversible design to assist when binding occurs
- Lightweight & compact

Tool weight 2.6 lbs.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291102	CLI545	2,000	11.2 cfm @ 90 psi	1/4" NPT	3/8"	\$68.70



Air Cut-Off Tool

Campbell Hausfeld Delivers the power needed for tough cutting jobs, ranging from 1" steel rods to fiberglass and angle iron up to 1/2". Features aluminum housing with comfort grip to reduce fatigue and protect against cold temperatures.

Tool size 8.2"L x 3.5"W x 3.3"H. Tool weight 2.14 lbs.

Includes three 3" cutting wheels, collet wrench, allen wrench & 1/4" steel male plug.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291210	TL0535	20,000	11.8 cfm @ 90 psi	1/4" NPT	3/8" @ 25'	\$24.80

3" Cut-off Wheels Campbell Hausfeld Aluminum & fiberglass wheel with 3/8" hole. 5/pkg.

Stk.	Mfr.	Price
291157	MP2879	\$9.30



1/2" Air Impact Wrench

Campbell Hausfeld

- Pin clutch impact mechanism provides a balanced impact during use
- 1-handed push button forward/reverse control
- Built-in power regulator controls torque & speed

• Rubber grip provides added comfort

Max torque 500 ft./lbs. Impacts/Min. 1,000. Tool weight 6 lbs.

Stk.	Mfr.	RPM	Air Requirements	Air Inlet	Min. Hose	Price
291097	CLI502	7,500	5.1 cfm @ 90 psi	1/4" NPT	3/8"	\$116.00



Electric 1/2" Impact Wrench Driver

Milwaukee Heavy-duty industrial impact wrench delivers high torque and smooth operation. Ergonomically balanced with a center grip that features soft-grip handle.

• Metal gear & transmission housings

• 1/2" pin/detent socket retainer securely holds sockets & adapters

• Forward/reverse rocker switch

Torque 300 ft./lbs. Tool length 11-5/8". Tool weight 6 lbs.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Impacts/Min.	Price
576282	9070-20	120	7	1,800	2,600	\$232.00

1/4" SOCKETS



1/4" Socket Holders

Proto

Stk.	Mfr.	Item	Price
910030	2570	10 Clips	\$2.57
910031	2571	16 Clips	\$4.78



1/4" Magnetic Socket Holder

Lisle Organizes 1/4" fractional & metric sockets. 26-socket compartment holder secures 1/4" standard & deep sockets. Holds sockets up to 5/8" or 15 mm. Holders leave sockets exposed for easy identification. Powerful magnets securely hold sockets in tray, & tray to any steel surface. Made of strong ABS plastic. Red.

Stk.	Mfr.	Price
503940	40120	\$20.10



1/4" Handles & Attachments

Adapter 1/4"F x 3/8"M

Stk.	Mfr.	Length	Price
433357	81127	1-1/8"	\$7.98

Extension

433350	81101	2"	\$4.65
433355	81113D	3"	\$5.28
433356	81116	6"	\$5.99

Flex Head Ratchet

433321	81012F	5"	\$25.10
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Spinner handle

433358	81128	6"	\$7.61
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Teardrop Ratchet

433320	81011F	5-1/8"	\$20.90
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Universal Joint

433000	80100	1-11/32"	\$11.40
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1/4" 6- & 12-Point Fractional Sockets

GearWrench 10-Piece Set 6-Point Standard Includes 10 sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" & 9/16", plus rail.

Stk.	Mfr.	Price
433042	80303	\$16.40

GearWrench 13-Piece Set 6-Point Standard Includes 9 sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2" plus 2 extensions (2" & 6"), 2 handles (spinner & ratchet) & case.

433050	80324	\$29.00
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S-K 13-Piece 6-Point Standard Includes 9 sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", plus 2" & 6" extensions, 4-1/2" ratchet, 6" spinner handle & molded case.

809911	4913	\$117.00
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S-K 21-Piece 6-Point Standard & Deep Includes standard sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", deep sockets: 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 4.5" pro ratchet, 6" spinner handle, 2" & 6" drive extensions, universal joint & molded case.

809978	4921	\$185.00
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GearWrench 22-Piece 6- & 12-Point Standard & Deep Includes nine 6-point deep sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2". Nine 12-point standard sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2" plus 2 extensions (2" & 6"), 2 handles (spinner & ratchet) & molded case.

433049	80325	\$32.80
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1/4" 6- & 12-Point Metric Sockets

GearWrench 14-Piece 6-Point Standard Includes 10 sockets 4, 5, 6, 7, 8, 9, 10, 11, 12 & 13mm, plus 2 extensions (2" & 6"), 2 handles (spinner & ratchet) & case.

Stk.	Mfr.	Price
433051	80326	\$28.60

Great Neck 24-Piece 6-Point Standard & Deep Includes 24 standard & deep sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm, plus tiered molded case.

Stk.	Mfr.	Price
281181	18622	\$19.40

GearWrench 13-Piece 12-Point Standard Includes 13 sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 15mm, plus storage rail.

Stk.	Mfr.	Price
433044	80306	\$21.30

GearWrench 22-Piece 6- & 12-Point Standard & Deep Includes nine 6-point deep sockets 6, 7, 8, 9, 10, 11, 12, 13 & 14mm. Nine 12-point standard sockets 4, 5, 6, 7, 8, 9, 10, 11 & 12mm, plus 2 extensions (2" & 6"), 2 handles (spinner & ratchet) & case.

Stk.	Mfr.	Price
433052	80327	\$36.10



1/4" 6- & 12-Point Fractional & Metric Sockets

S-K 48-Piece 6-Point Standard & Deep Includes 4.5" pro ratchet 2" & 6" Extensions, universal joint. 1/4"F-3/8"M & 3/8"F-1/4"M adapters, standard sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32" 3/8", 7/16", 1/2", 9/16", deep sockets 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", standard sockets: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm, deep Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm & molded case.

Stk.	Mfr.	Price
831715	91848	\$246.00

Blackhawk 27-Piece 6- & 12-Point Standard & Deep Includes six 6-point deep sockets 1/4", 9/32", 5/16", 11/32", 3/8" & 7/16", three 6-point standard sockets 4, 5 & 6mm, nine 12-point standard sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2", seven 12-point standard sockets 7, 8, 9, 10, 11, 12 & 13mm, plus reversible ratchet, 3" extension & molded case

Stk.	Mfr.	Price
904245	1427	\$81.00

GearWrench 51-Piece S-K 6- & 12-Point Standard & Deep Includes 10 ea. 12-point standard & deep fractional sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 7 ea. 12-point standard & 7 deep metric sockets 4, 5, 5.5, 6, 7, 8, 9mm, six 12-point metric sockets 10, 11, 12, 13, 14, & 15mm, six 6-point deep metric sockets 10, 11, 12, 13, 14, & 15mm, plus 2 extensions (2" & 6"), 2 ratchets (thumbwheel & handle), universal joint & case.

Stk.	Mfr.	Price
433040	80301	\$111.00

“Not sure what tool is right for your project or program?”

Dan Goodwin ext. 3104
dgoodwin@midwesttechnology.com



3/8" SOCKETS



3/8" Micrometer Adjustable Ratcheting Torque Wrench

Blackhawk Preselected micrometer scale torque values. When exact torque level is reached, wrench releases with an audible click. Resists automatically returning to same torque setting. Ball bearing-mounted release eliminates accuracy variations

between slow/fast loading. Color-coded English/metric markings. Positive-lock mechanism helps prevent accidental changes in torque values. Ergonomic comfort grip.

Stk.	Mfr.	Size	Capacity	Increments	Length	Price
904570	39825-A	3/8"	20-250 in. / lb.	1 in. / lb.	13.5"	\$179.00



3/8" Socket Holders Proto

Stk.	Mfr.	Item	Price
910032	2572	10 Clips	\$2.96
910033	2573	16 Clips	\$4.78



3/8" Magnetic Socket Holder

Lisle Organizes 3/8" fractional & metric sockets. 28-socket holder secures 3/8" standard & deep sockets. Holds sockets up to 1" or 24

mm. Holders leave sockets exposed for easy ID. Powerful magnets secure sockets in tray, & tray to any steel surface. Made of strong ABS plastic. Fits most 3/8" sets. Red.

Stk.	Mfr.	Price
503941	40200	\$25.10



3/8" Handles & Attachments

Adapter

Stk.	Mfr.	Item	Length	Price
433400	81277	3/8"F x 1/4"M		\$5.13
433401	81278	3/8"F x 1/2"M	1-5/16"	\$6.28

Extension

Stk.	Mfr.	Item	Length	Price
433391	81240		1-1/2"	\$6.13
433392	81241		3"	\$7.50
433393	81242		6"	\$9.55
433394	81244		12"	\$11.10

Flex Handle

Stk.	Mfr.	Item	Length	Price
433386	81221		12"	\$23.20

Ratchet

Stk.	Mfr.	Item	Length	Price
281203	28000	Reversible	8"	\$16.70
433380	81209D	Stubby	4-3/4"	\$33.60
433381	81211F	Teardrop	8-3/8"	\$38.20
433384	81215F	Flex Head	13"	\$45.90

Universal Joint

Stk.	Mfr.	Item	Length	Price
433130	80549		1-7/8"	\$16.40

3/8" Speeder Handle



GEARWRENCH Provides improved access to hard-to-reach places. Durable high-polish finish.

Stk.	Mfr.	Length	Price
433390	81239	16"	\$16.90



3/8" Spark Plug Sockets GEARWRENCH

Stk.	Mfr.	Size	Price
433105	80402	5/8"	\$6.70
433106	80403	13/16"	\$6.70



3/8" 6- & 12-Point Fractional Sockets

S-K 11-Piece 6-Point Standard Includes 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" sockets, 7.5" professional ratchet, 3" & 6" extensions, 5/8" spark plug socket & molded case.

Stk.	Mfr.	Price
831730	94512	\$136.00

GearWrench 12-Piece 6-Point Standard Includes 9 sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" & 7/8", plus 2 extensions (3" & 6"), ratchet handle & case.

Stk.	Mfr.	Price
433137	80556	\$39.10

GearWrench 13-Piece 6-Point Standard Includes 13 sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1", plus storage rail.

Stk.	Mfr.	Price
433134	80553	\$31.20

GearWrench 11-Piece 6-Point Deep Includes 11 sockets 1/4", 5/16", 3/8", 1/4", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" & 7/8", plus storage rail.

Stk.	Mfr.	Price
433136	80555	\$36.60

S-K 18-Piece 6-Point Standard & Deep Includes Standard Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Deep Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Spark Plug Socket, 5/8" Professional Ratchet, 7.5". 2 Extensions, 3" & 6" & molded case.

Stk.	Mfr.	Price
831740	94520	\$184.00

S-K 27-Piece 6-Point Standard, Deep & Flex Includes Standard Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Deep Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". Flex Sockets, 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" Pro Ratchet, 7.5" Flex Handle, 9.5". 3 Extensions, 3", 6" & 12". Spark Plug Socket, 5/8" & metal case. USA Made.

Stk.	Mfr.	Price
831750	94527	\$342.00

GearWrench 13-Piece 12-Point Standard Includes 13 sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1", plus storage rail.

Stk.	Mfr.	Price
433141	80561	\$31.20

GearWrench 21-Piece 6- & 12-Point Standard & Deep Includes 7/16" six-point standard socket. Eight 6-point deep sockets 3/8", 1/4", 1/2", 9/16", 5/8", 11/16", 3/4" & 7/8". Nine 12-point standard sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4" plus 2 extensions (3" & 6"), ratchet handle & case.

Stk.	Mfr.	Price
433138	80557	\$55.60

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3/8" 6- & 12-Point Metric Sockets

S-K 13-Piece 6-Point Standard Includes 7 - 19mm, plus metal storage rail.

Stk.	Mfr.	Price
801150	13	\$87.90

GearWrench 14-Piece 6-Point Standard Includes 14 sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, plus storage rail.

433133	80552	\$33.60
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S-K 14-Piece Set 6-Point Deep Includes 6 - 19mm, plus metal storage rail.

806581	1854	\$142.00
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GearWrench 14-Piece 6-Point Deep Includes 14 sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, plus storage rail.

433135	80554	\$46.60
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GearWrench 24-Piece 6- & 12-Point Standard & Deep Includes two 6-point standard sockets 13 & 14mm. Seven 6-point deep sockets 10, 11, 12, 15, 16, 17 & 18mm. Eleven 12-point standard sockets 8, 9, 10, 11, 12, 13, 14, 16, 17, 18 & 19mm, 15mm. 12-point deep socket, plus 2 extensions (3" & 6"), ratchet handle & case.

433139	80559	\$53.10
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3/8" 6- & 12-Point Fractional & Metric Sockets

S-K 49-Piece 6-Point Standard & Deep Includes 7.5 pro ratchet 1.5" pro thumbwheel ratchet. 3" & 6" extensions, universal joint standard sockets: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", standard sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, deep sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm, plus molded case.

Stk.	Mfr.	Price
831760	94549	\$268.00

Crescent 30-Piece 12-Point Standard & Deep Includes 8 standard sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" & 7/8". 5 deep standard sockets 7/16", 1/2", 9/16", 5/8", 11/16". 8 metric sockets 9, 10, 12, 13, 14, 15, 17, 19mm. 5 deep metric sockets 12, 13, 14, 16, 17mm, plus 3/8" drive ratchet, 6" & 3" extensions, 13/16" spark plug socket & molded case.

Stk.	Mfr.	Price
310621	CTK30SET	\$53.50

Stanley 34-Piece 12-Point Standard & Deep Includes 10 standard sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" & 7/8". 11 standard sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 18 & 19mm. 9 deep sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16" & 7/8", plus reversible ratchet, drive universal joint, 3" & 6" extension & case.

Stk.	Mfr.	Price
864791	85-405	\$80.30

GearWrench 57-Piece 12-Point Standard & Deep Includes 13 standard sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1". 11 deep sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8". 28 standard & deep metric sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm plus 2 extensions (3" & 6"), 2 handles (stubby & ratchet), universal joint, case.

Stk.	Mfr.	Price
433132	80551	\$130.00



3/8" Hand Impact Tool Set

Lisle Loosens rusted and frozen nuts, bolts and screws. Unique design delivers over 200 ft./lbs. of shock torque. Reverse process to tighten. Can be used with impact sockets.

Includes 3/8" impact tool, 3/8" bit holder, Phillips bit #'s 1, 2, 3 & 4, plus 3/8" straight slot bit.

Stk.	Mfr.	Item	Price
503850	29200	7-Piece Set	\$41.10

1/2" SOCKETS



1/2" Micrometer Adjustable Ratcheting Torque Wrench

Blackhawk Preselected micrometer scale torque values. When exact torque level is reached, wrench releases with an audible click. Resists automatically returning to same torque setting. Ball bearing-mounted release eliminates accuracy variations between slow/fast loading. Color-coded English/metric markings.

Positive-lock mechanism helps prevent accidental changes in torque values. Ergonomic comfort grip.

Stk.	Mfr.	Size	Capacity	Increments	Length	Price
904571	49859-A	1/2"	20-150 ft. / lb.	1 ft. / lb.	20.8"	\$195.00



1/2" Socket Holder Proto

Stk.	Mfr.	Item	Price
910035	2575	16 Clips	\$4.78



1/2" Magnetic Socket Holder

Lisle Organizes 1/2" chrome & impact sockets. 22-socket holder secures 1/2" standard & deep sockets. Holds sockets up to 1" or 20 mm.

Holders leave sockets exposed for easy identification. Made of strong ABS plastic. Rubber feet protect tool box from scratching. Red.

Stk.	Mfr.	Price
503942	40900	\$33.10



1/2" Handles & Attachments

Proto Ratchet

Stk.	Mfr.	Item	Length	Price
932123	5447	Attachment	2-1/2"	\$78.40
932391	5457F	Swivel Head	13"	\$93.60

GearWrench Adapter

433426	81354	1/2"F x 3/8"M	3/8"	\$7.13
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GearWrench Universal Joint

433168	80600D		2-5/16"	\$17.40
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GearWrench Extension

433420	81340		3"	\$8.38
433421	81341		5"	\$13.40
433422	81342		10"	\$15.50
433423	81343		15"	\$23.50

GearWrench Handle

433415	81312	Speeder	16"	\$32.10
433409	81307	Flex	15"	\$37.40

GearWrench Ratchet

433410	81304F	Teardrop	11"	\$50.40
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**1/2" 12-Point Universal Sockets**

Proto

Stk.	Mfr.	Size	Price
932994	5475A	1/2"	\$41.20
933061	5476A	9/16"	\$41.20
933128	5477A	5/8"	\$43.50

**1/2" Standard Screwdriver Bit Sockets**

Proto

Stk.	Mfr.	Size	Price
931922	5444A	3/4"	\$15.40
932056	5446A	15/16"	\$16.50

**1/2" 6- & 12-Point Fractional Sockets**

GearWrench 14-Piece 6-Point Deep Includes 14 sockets 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" & 1-1/2", plus case.

Stk.	Mfr.	Price
433235	80733	\$73.40

GearWrench 15-Piece 12-Point Standard Includes 15 sockets 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-1/2", plus case.

Stk.	Mfr.	Price
433233	80731	\$55.10

GearWrench 18-Piece 12-Point Standard Includes 14 sockets 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" & 1-1/2" plus 2 handles (ratchet & flex), 5" extension, universal joint & case.

Stk.	Mfr.	Price
433225	80716	\$68.00

Blackhawk 11-Piece 12-Point Deep Includes 11 sockets 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" & 1-1/8", plus storage rail.

Stk.	Mfr.	Price
904180	314-C	\$141.00

S-K 23-Piece 12-Point Standard & Deep Includes standard sockets, 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", deep sockets, 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 10-1/2" pro ratchet, 16" flex handle, 5" extension & molded case.

Stk.	Mfr.	Price
808571	4123	\$339.00

Stanley 26-Piece 6- & 12-Point Standard & Deep Includes six 6-point standard sockets 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4", seven 12-point standard sockets 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" & 1-1/4", nine 12-point deep sockets 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1", plus reversible ratchet, 5" extension, 18" hinge handle, universal joint & molded case.

Stk.	Mfr.	Price
864792	85-434	\$124.00

GearWrench 33-Piece 6- & 12-Point Standard & Deep Includes 1-1/2" six-point deep socket. Fourteen 12-point standard sockets 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" & 1-1/2". Thirteen 12-point deep sockets 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" & 1-1/4", plus 2 extensions (3" & 5"), 2 handles (flex & ratchet), universal joint, case.

Stk.	Mfr.	Price
433224	80714D	\$108.00

**1/2" 12-Point Metric Sockets****GEARWRENCH**

13-Piece 12-Point Standard Includes 13 sockets 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm, plus storage rail.

Stk.	Mfr.	Price
433223	80710D	\$44.70

37-Piece 12-Point Standard & Deep Includes 24 standard sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 & 36mm, 13 deep sockets 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm.

Stk.	Mfr.	Price
433232	80730	\$108.00

**1/2" 12-Point Standard & Deep, Fractional & Metric Sockets****GEARWRENCH**

Includes 12 standard sockets 7/16", 1/2", 9/16", 5/8", 11/16", 7/8", 15/16", 1", 1-1/16" & 1-1/8". 8 deep sockets 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" & 15/16", 15 standard metric sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 & 24mm, 10 deep metric sockets 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm, plus 2 extensions (3" & 5"), ratchet handle, universal joint & case.

Stk.	Mfr.	Item	Price
433218	80701	49-Piece	\$195.00

**1/2" 6-Point Fractional Impact Sockets**

GearWrench 12-Piece Standard Surface Drive™ Technology sockets made of strong, long-lasting chrome Molybdenum alloy steel. High-visibility, laser-etched markings. **Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" & case.

Stk.	Mfr.	Price
433560	84931	\$38.10

GearWrench 19-Piece Standard Surface Drive™ Technology sockets made of strong, long-lasting chrome Molybdenum alloy steel. High-visibility, laser-etched markings. **Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2" & case.

Stk.	Mfr.	Price
433561	84932	\$76.20

S-K 11-Piece Standard Includes 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" & storage rail.

Stk.	Mfr.	Price
808450	4032	\$111.00

S-K 15-Piece Deep Includes 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" & storage rail.

Stk.	Mfr.	Price
808462	4045	\$192.00

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 for the complete specifications
 of the products listed on this page.

COMBINATION SOCKET SETS



Fractional & Metric Socket Sets

GearWrench 39-Piece 6-Point Standard Includes 19-piece 6-point 1/4" socket set 11 standard (5/32" to 9/16"), 8 metric (4 to 10mm), 16-piece 6-point 3/8" socket set 9 standard (1/4" to 3/4"), 7 metric (9 to 15mm), plus 3/8" ratchet handle, extension (3"), spark plug socket (5/8"), adapter (3/8"F x 1/4") & case.

Stk.	Mfr.	Price
433300	80929	\$35.40

Crescent 70-Piece 6- & 12-Point Standard Includes 16-piece 6-point 1/4" standard sockets eight 3/16" to 7/16" & eight 5-12mm, 16-piece 12-point 3/8" standard sockets eight 3/8" to 13/16" & eight 10-19mm, 12-piece combination wrenches six 3/8" to 11/16" & six 10-17mm, 8-piece hex key set 1/16" to 1/4", 12-piece magnetic bits 3 standard 3/16" to 1/4", 3 Torx® T#s 10-20, 3 Phillips #s 1-3, 3 Allen wrenches 1/4" to 3/16", plus 1/4" & 3/8" drive ratchet, 1/4" x 3" & 3/8" x 3" extensions, 1/4" to 3/8" adapter, magnetic bit driver & molded case.

Stk.	Mfr.	Price
310620	CTK70MP	\$91.00

Stanley 148-Piece 6-Point Standard & Deep Includes 16-piece 1/4" deep socket set, 19-piece 1/4" socket set, 3-piece 3/8" spark plug socket set, 7-piece 3/8" deep socket set, 25-piece 3/8" socket set, 1/4" bit holder, 1/4" spinner handle, 1/4" & 3/8" pear head ratchets, 1/4" & 3/8" extension bars, 3/8" universal joint, 12 combination wrenches, 16 hex keys (SAE & metric), 30-piece 1/4" specialty bits & 10 nut bits.

Stk.	Mfr.	Price
864555	STMT71653	\$85.20

Crescent 148-Piece 6- & 12-Point Standard & Deep Includes 20-piece 6-point 1/4" standard sockets ten 3/16" to 9/16" & ten 4-13mm, 16-piece 12-point 3/8" standard sockets eight 5/16" to 3/4" & eight 9-19mm, 10-piece 6-point 3/8" deep sockets five 7/16" to 3/4" & five 12-17mm, 10-piece 6-point 1/2" standard sockets five 1/2" to 7/8" & five 15-21mm, 12-piece combination wrenches six 5/16" to 5/8" & six 8-15mm, 18-piece hex keys & holders eight 1/16" to 1/4" & eight 1.5-6mm, 44 bits & holders 7 standard 1/8" to 5/16", 8 Phillips #s 0-3, 7 Torx® T#s 10-40, 3 Pozidriv® PZ#s 1-3, 5 hex 3/32" to 1/4", 5 hex 3-7mm & 3 square S#s 1-3, 4-piece screwdrivers 1/4" x 4" & 3/16" x 3" slotted, #1 x 3" & #2 x 4" Phillips, plus 1/4", 1/2" & 3/8" drive ratchet, 1/4" x 3", 3/8" x 3", 1/2" x 5", 3/8" x 6" extensions, 3/8" to 1/4" adapter, 5/8" & 13/16" spark plug sockets, 8" long nose pliers, 6" diagonal pliers, magnetic bit driver & molded case.

Stk.	Mfr.	Price
310619	CTKI48MP	\$149.00

Crescent 170-Piece 6- & 12-Point Standard & Deep Includes 23-piece 6-point 1/4" socket set 11 standard 5/32" to 9/16", 10 metric, 4-13mm, ratchet & 3" extension bar, 12-piece 6-point 1/2" socket set 5 standard 1/2" to 7/8", 5 metric 15-21mm, plus ratchet, 5" extension bar, 12-piece 6-point 3/8" socket set 7 standard deep 3/8" to 3/4", 5 metric 12-17mm, 25-piece 12-point 3/8" socket set 11 standard 3/16" to 7/8", 14 metric 6-20mm, 6-piece 12-point 3/8" tools ratchet, 3" & 6" extension bars, 1/4" adapter, 5/8" & 13/16" spark plug sockets, 12-piece 12-point combination wrench set 6 standard 5/16" to 5/8", 6 metric 8-15mm, 4-piece screwdriver set 2 Phillips #2 x 4", #1 x 3" & 2 slotted 1/4 x 4", 3/16 x 3", 26-piece hex key set 13 standard (SAE) & 13 metric, 44-piece bit set, plus magnetic bit driver, 8" long nose pliers, 10" tongue & groove pliers, 8" adj. wrench & molded case.

Stk.	Mfr.	Price
310617	CTKI70MP	\$178.00



10-Piece Universal Adapter Sockets GEARWRENCH

Includes 2 universal joints (1/4" & 3/8"). 3 impact universal joints (1/4", 3/8", 1/2"), two 3/8"F adapters (1/4"M & 1/2"M), two 1/2"F adapters (3/8"M & 3/4"M), 1/4"F adapter (3/8"M), plus molded case.

Stk.	Mfr.	Price
433375	81205	\$89.70



Hex & Torx® Bit Sockets

GearWrench 10-Piece Hex Includes seven 3/8" sockets (1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8") & three 1/2" sockets (1/2", 9/16" & 5/8"), plus storage rail.

Stk.	Mfr.	Price
433150	80579	\$45.20

GearWrench 13-Piece Torx Includes seven 1/4" sockets (T#s 8, 10, 15, 20, 25, 27 & 30), 1/2" socket (T-60, five 3/8" sockets (T#s 40, 45, 47, 50 & 55), plus storage rail.

Stk.	Mfr.	Price
433228	80723	\$34.50

GearWrench 36-Piece Torx & Hex Includes six 1/4" Torx® press fit bit sockets (T#s 10, 15, 20, 25, 27 & 30), four 1/4" external Torx sockets (E#s 5, 6, 7 & 8), five 3/8" Torx press fit bit sockets (T#s 40, 45, 47, 50 & 55), four 3/8" external Torx sockets (E#s 10, 12, 14 & 16), six 3/8" standard hex bit sockets (5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"), ten 3/8" hex bit sockets (2, 2.5, 3, 4, 5, 6, 7, 8, 9 & 10mm), plus 1/2" external Torx socket (E-18) & molded case.

Stk.	Mfr.	Price
433230	80726	\$113.00

Lisle 10-Piece Torx Includes seven 1/4" bits T#s 10-40, three 3/8" bits T#s 45-55, 2 bit holders & vinyl holder.

Stk.	Mfr.	Price
503741	26530	\$32.10



Mechanic's Tool Sets

Craftsman Industrial Made of alloy steel, heat treated, oil-quenched and tempered for uniform hardness and maximum strength. Mfr.'s lifetime warranty. USA made.

Please visit our website for a complete listing of tools.

65-Piece Includes 1/4" & 3/8" standard & metric sockets & case.

Stk.	Mfr.	Price
305600	3278	\$157.00

99-Piece Includes 1/4", 3/8", 1/2" drive tools, 11-piece standard combination wrenches, 10-piece magnetic screwdriver bit set, 14-piece standard hex key set & case.

Stk.	Mfr.	Price
305589	2977	\$236.00

148-Piece Includes 1/4", 3/8", 1/2" drive tools, plus 11-piece combination wrenches, 10-piece magnetic screwdriver bit set, 14-piece hex key set & case.

Stk.	Mfr.	Price
305590	2979	\$390.00

314-Piece Includes 1/4", 3/8", 1/2" drive tools, 10-piece standard crowfoot wrenches, 8-piece standard reversible ratcheting wrenches, 11-piece metric reversible ratcheting wrenches, 7-piece standard locking flex ratcheting wrenches, 9-piece standard open end wrenches, 4-piece standard flare nut wrenches, 12-piece magnetic nut driver bit set, 14-piece standard hex key set & 14-piece metric hex key set.

Stk.	Mfr.	Price
305730	29792	\$1,436.00

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Automotive Tool Sets

Please visit our website for complete tool listings.

GearWrench 121-Piece Includes 27-piece 1/4" socket & tool set, 33-piece 3/8" socket & tool set, 24-piece fractional/metric long combination wrench set, 13-piece fractional Allen key set, 6-piece combination screwdriver set, 5-piece punch & chisel set, 5-piece general purpose tool set, 4-piece pliers set, 3-piece KD® specialty tool set, plus 4 socket storage rails, screwdriver storage tray & tool box w/tray.

Stk.	Mfr.	Price
433540	83090	\$617.00

S-K 146-Piece Includes 94 6-point sockets, fractional & metric, standard in 1/4" drive, fractional & metric, standard & deep in 3/8" drive & metric standard in 1/2" drive, 12 drive tools & attachments, plus 28 SuperKrome® wrenches, 4 pliers, 6 screwdrivers, hammer & hat.

804100	VTS03202	\$1,297.00
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S-K 272-Piece Includes 133 6-point sockets, fractional, metric & Torx®, standard & deep 1/4", 3/8" & 1/2" drive in fractional standard, 29 drive tools & attachments, 41 SuperKrome® wrenches in fractional & metric, 40 screwdrivers & hex keys, 15 punches, chisels & pry bars, plus 7 pliers, 3 hammers, adjustable wrench, scraper, fender cover & hat.

804102	VTS03289	\$2,993.00
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S-K 278-Piece Includes 169 6- & 12-point sockets, fractional, metric & Torx®, standard & deep in 1/4", 3/8" drive & 1/2" drive in fractional & metric, 17 drive tools, 31 SuperKrome® wrenches & ignition wrenches, 35 screwdrivers & hex keys, plus 6 pliers, 6 punches & chisels, 2 hammers, scraper & hat.

804101	VTS03211	\$2,180.00
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ALLEN WRENCH SETS

Pouched Set



Stand Set



T-Handle Hex Key Sets

Eklind 1 continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Includes standard keys & vinyl pouch.

8-Piece Fractional Pouch Sets Includes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4".

Stk.	Mfr.	Length	Price
385200	33168	6"	\$20.70
385210	33198	9"	\$23.90

10-Piece Fractional Pouch Sets Includes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8".

385220	33610	6"	\$37.60
385230	33910	9"	\$42.70

10-Piece Fractional Stand Sets Includes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8".

385270	50160	6"	\$53.10
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8-Piece Metric Pouch Set Includes 2, 2.5, 3, 4, 5, 6, 8 & 10mm.

385250	35168	6"	\$32.70
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8-Piece Metric Stand Sets Includes 2, 2.5, 3, 4, 5, 6, 8 & 10mm.

385280	56168	6"	\$48.90
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Power-T™ T-Handle Hex Key Sets

Eklind Ergonomic, textured, slip-resistant grip provides extra torque and safety. Made from the highest quality hex steel, heat treated for maximum strength and finished to resist rust. Color-coded for easy identification. Sizes stamped on handle.

Fractional Includes L-handle keys: .050 & 1/16" T-handle keys: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8", plus stand.

Stk.	Mfr.	Item	Length	Price
385285	60614	13-Piece	6"	\$58.60
385286	60914	13-Piece	9"	\$64.50

Metric Includes L-handle keys: 1.3 & 1.5mm, T-handle keys: 2, 2.5, 3, 4, 5, 6, 8 & 10mm, plus stand.

385287	64611	10-Piece	6"	\$46.60
385288	64911	10-Piece	9"	\$52.60



Fold-up Hex Sets

Fractional Sets Precision heat-treated hardened and tempered to assure maximum strength throughout with a rust resistant black oxide finish. Tightly secured in a 1-piece steel case with a correctly proportioned handle.

385000	20511	<i>Eklind</i> 5-Pc., 3/16", 7/32", 1/4", 5/16", 3/8"	\$11.40
385030	20811	<i>Eklind</i> 8-Pc., .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	\$5.47
385031	20812	<i>Eklind</i> 8-Pc., 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	\$11.10
922743	4991	<i>Proto</i> 8-Pc. Long, 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	\$11.60
385051	20912	<i>Eklind</i> 9-Pc., .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	\$6.66
385050	20911	<i>Eklind</i> 9-Pc., 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	\$8.44
922006	4978	<i>Proto</i> 9-Pc., .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	\$7.43

Fractional Sets Ergonomic, soft-grip case w/steel side plate & push-button locks at 90°, 135° & 180°.

243417	DWHT70262M	<i>DeWalt</i> 8-Pc., 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	\$14.80
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Fractional Sets Ergo-Fold™ case w/ergonomic, soft-grip handle for comfort & slip resistance, hard shell for strength.

385160	25911	<i>Eklind</i> 9-Pc., 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	\$10.50
385161	25912	<i>Eklind</i> 9-Pc., .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	\$8.96

Metric Precision heat-treated hardened and tempered to assure maximum strength throughout with a rust resistant black oxide finish. Tightly secured in a 1-piece steel case with a correctly proportioned handle.

385100	21151	<i>Eklind</i> 6-Pc., 3, 4, 5, 6, 8, 10mm.	\$12.10
921805	4973	<i>Proto</i> 6-Pc., 3, 4, 5, 6, 8, 10mm.	\$12.40
385110	21171	<i>Eklind</i> 7-Pc., 1.5, 2, 2.5, 3, 4, 5, 6mm.	\$6.89
921872	4974	<i>Proto</i> 7-Pc., 1.5, 2, 2.5, 3, 4, 5, 6mm.	\$7.16
385111	21172	<i>Eklind</i> 7-Pc., 2, 2.5, 3, 4, 5, 6, 8mm.	\$9.09

Metric Ergonomic, soft-grip case w/steel side plate & push-button locks at 90°, 135° & 180°.

243418	DWHT70263M	<i>DeWalt</i> 8-Pc., 1.5, 2, 2.5, 3, 4, 5, 6, 8mm.	\$14.90
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Fractional & Metric Set Ergo-Fold™ case w/ergonomic, soft-grip handle for comfort & slip resistance, hard shell for strength. **Includes** 9-piece fractional: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4". 7-piece metric: 1.5, 2, 2.5, 3, 4, 5 & 6mm.

385170	26160	<i>Eklind</i> 16-Pc.	\$14.70
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L-Hex Key Sets

Fractional Cased

Stk.	Mfr.	Item	Price
384900	10115	<i>Eklind</i> 15-Pc., .028", .035", .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".	\$25.20
485515	HK99	<i>Fastener Barn</i> 95-Pc., 10 ea. .050", 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 7/32" & 5 ea. 1/4", 5/16", 3/8".	\$50.00

Fractional Molded Holder

384870	10018	<i>Eklind</i> 18-Pc. Short & Long, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 7/32", 1/4", 1/16", 5/64", 3/32", 1/8", 9/64", 5/32", 3/16", 1/4", 5/16".	\$9.50
384880	10107	<i>Eklind</i> 7-Pc. Short, 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4".	\$4.00
384882	10111	<i>Eklind</i> 11-Pc. Short, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4".	\$6.30
922019	4981	<i>Proto</i> 11-Pc., .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4".	\$7.23
922020	4982	<i>Proto</i> 7-Pc., 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4".	\$5.12

Fractional Vinyl Pouch

385300	69218	<i>Eklind</i> 18-Pc. Short, .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" & 7/32". Long pattern 1/16", 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 1/4", 5/16".	\$8.58
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Metric Cased

384920	10515	<i>Eklind</i> 15-Pc. Short, 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17mm	\$46.30
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Metric Molded Holder

384915	10507	<i>Eklind</i> 7-Pc. Short, 1.5, 2, 2.5, 3, 4, 5, 6mm.	\$6.98
384916	10509	<i>Eklind</i> 9-Pc. Short, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.	\$11.10

Metric Pouched

385292	69210	<i>Eklind</i> 10-Pc., 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.	\$7.34
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Ball-Hex-L Sets

Eklind Keys w/a ball profile on the long arm. Rotates 360° up to 35° for extra torque. Color-coded holders.

9-Pc. Long Metric Includes 1.5, 2, 2.5, 3, 4, 5, 6, 8, & 10 mm, plus molded holder.

Stk.	Mfr.	Price
384960	13609	\$20.10

22-Pc. Fractional & Metric Includes .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" & 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.

384950	13222	\$44.20
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26-piece Ball Hex Key Set

Craftsman High tensile strength alloy steel. Each key delivers 28° of access to bolts.

Includes .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" & 1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm, plus molded holder.

Stk.	Mfr.	Price
305769	46274	\$48.50



Torx® Key Sets

Eklind Fold up Sets

Stk.	Mfr.	Item	Price
385150	22571	7-Piece, 10, 15, 20, 25, 27, 30 & 40.	\$15.70
385151	22572	7-Piece, 6, 7, 8, 9, 10, 15 & 20.	\$15.70

Eklind L-Key Molded Holder Includes T#'s 10, 15, 20, 25, 27, 30 & 40.

384930	10807	7-Piece Short	\$15.90
384931	10907	7-Piece Long	\$20.20

Proto Pouch Set Includes T#'s 10, 15, 20, 25, 27, 30, 40, 45, 50 & 55.

921792	4961	10-Piece	\$65.40
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WRENCHES



Adjustable Wrenches

Wrenches of fine alloy steel heat-treated for extra strength. Tension spring under knurl helps prevent jaw opening from changing adjustment. Open handle design permits easier knurl adjustment.

Crescent Black Oxide Finish Polished head.

Stk.	Mfr.	Size	Length	Price
307737	AT14	1/2"	4"	\$21.90
307871	AT16	15/16"	6"	\$22.30
308005	AT18	1-1/8"	8"	\$24.20
310216	AT110	1-5/16"	10"	\$25.30
310350	AT112	1-1/2"	12"	\$42.70

Crescent Black Oxide Finish Tapered Handle Polished head.

310484	AT115	1-11/16"	15"	\$71.90
310618	AT118	2-1/16"	18"	\$123.00

Crescent Chrome Finish Polished head & satin finished handle.

307670	AC14	1/2"	4"	\$24.40
307804	AC16	15/16"	6"	\$25.70
307938	AC18	1-1/8"	8"	\$26.90
310149	AC110	1-5/16"	10"	\$34.90
310283	AC112	1/12"	12"	\$50.30

Crescent Chrome Finish Tapered Handle Polished head & satin finished handle.

310417	AC115	1-11/16"	15"	\$81.20
310551	AC118	2-1/16"	18"	\$139.00

Crescent 3-Piece Chrome Finish Polished head & satin finished handle. **Includes** 6"L, 8"L, 10"L wrenches & pouch.

307660	AC3			\$83.00
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Great Neck Drop Forged Steel

281021	AW6C		6"	\$7.56
281022	AW8C		8"	\$8.64
281023	AW10C		10"	\$11.10
281024	AW12C		12"	\$14.30

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12-Point Box End Wrenches

Blackhawk Long

Stk.	Mfr.	Size	Length	Price
905208	BWS-1202P	5/16" x 3/8"	7.2"	\$15.10
905209	BWS-1206P	7/16" x 1/2"	8.3"	\$15.90
905210	BWS-1210P	1/2" x 9/16"	9.4"	\$16.60
905211	BWS-1211P	9/16" x 5/8"	10.1"	\$17.30
905212	BWS-1216P	13/16" x 7/8"	13.3"	\$22.70

Blackhawk 6-Piece Set Long Includes 5/16" x 3/8", 7/16" x 1/2", 5/8" x 9/16", 11/16" x 3/4", 13/16" x 7/8" & 15/16" x 1".

905214	BW-6PTNB			\$97.10
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Proto Obstruction

908338	1725	7/16" x 1/2"	5-1/2"	\$27.50
908405	1730	9/16" x 5/8"	6"	\$32.00
908472	1731	5/8" x 3/4"	6-1/2"	\$36.90

S-K 11-Piece Short Includes 6-point 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 12-point 3/8" x 7/16", 7/16" x 1/2", 1/2" x 9/16", 9/16" x 5/8", 5/8" x 3/4", 11/16" x 3/4", 13/16" x 7/8", 15/16" x 1".

803483	311R			\$195.00
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GearWrench 4-Piece Ratcheting Includes 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8" & 11/16" x 3/4".

432800	9240D			\$53.00
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Klein 5-Piece Ratcheting Includes 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16" & 5/8" x 3/4", plus roll pouch.

945000	68221			\$108.00
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GearWrench 6-Piece Ratcheting Includes 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18 & 17 x 19mm.

432810	9260			\$76.60
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Open End Wrench Sets

Armstrong 8-Piece Tappet Industrial-quality, extra-thin wrenches. Forged, 1-piece design with satin finish. Anti-slip notches for greater torque. USA made. Meets/exceeds ANSI standards. Includes 2 ea. of 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 7/8", plus roll pouch.

Stk.	Mfr.	Price
219570	27-770	\$155.00

Armstrong 9-Piece Ignition Industrial-quality 15° and 80° wrenches. Forged, 1-piece design with full-polish finish. Anti-slip notches for greater torque. USA made. Meets or exceeds ANSI standards. Includes 13/64", 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", plus 5" ignition pliers & pouch.

219580	27-942	\$96.60
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GearWrench 5-piece Flare Nut Flex Includes 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 7/8".

433506	81910	\$67.30
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GearWrench 6-Piece Fractional Flare Nut Includes 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 7/8" & tray.

433508	81907	\$43.80
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GearWrench 6-Piece Metric Flare Nut Includes 9 x 11, 10 x 12, 13 x 14, 15 x 17, 16 x 18 & 19 x 21mm, plus storage tray.

433507	81906	\$56.10
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GearWrench 6-Piece Metric Open End Includes 6 x 7, 8 x 10, 10 x 12, 11 x 13, 12 x 14 & 17 x 19mm.

433515	81928	\$33.80
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GearWrench 7-Piece Fractional Open End Includes 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 13/16" x 3/4", 15/16" x 1" & 1-1/8" x 1-1/4".

433516	81929	\$54.40
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Combination Wrenches

Blackhawk

12-Point Fractional Box end bent at 15°

Stk.	Mfr.	Size	Length	Price
905061	BW-1156	1/4"	4"	\$9.66
905079	BW-1159	5/16"	4-1/2"	\$9.80
905085	BW-1160	3/8"	5-1/4"	\$9.92
905097	BW-1161	7/16"	5-3/4"	\$10.20
905109	BW-1162	1/2"	6-1/2"	\$10.40
905128	BW-1163	9/16"	6-3/4"	\$11.60
905140	BW-1164	5/8"	8"	\$12.70
905152	BW-1165	11/16"	8-1/2"	\$13.80
905164	BW-1166	3/4"	9-3/4"	\$14.60
905183	BW-1167A	13/16"	10-1/2"	\$17.30
905182	BW-1167	7/8"	11-1/2"	\$21.80
905195	BW-1168	15/16"	12-1/2"	\$24.60
905201	BW-1170	1"	13-1/2"	\$29.10
905207	BW-1171	1-1/16"	14-3/4"	\$32.80
905213	BW-1172	1-1/8"	15-1/2"	\$35.40
905219	BW-1173	1-1/4"	17"	\$54.40

12-Point Metric

Stk.	Mfr.	Size	Length	Price
905049	BW-1107M	7mm	4"	\$10.10
905050	BW-1108M	8mm	4-1/2"	\$10.20
905051	BW-1109M	9mm	4-3/4"	\$10.30
905052	BW-1110M	10mm	5"	\$10.40
905053	BW-1111M	11mm	5-3/4"	\$11.40
905054	BW-1112M	12mm	6-1/8"	\$12.10
905056	BW-1113M	13mm	6-1/2"	\$11.80
905057	BW-1114M	14mm	7"	\$12.10
905058	BW-1115M	15mm	7-1/2"	\$12.50
905059	BW-1116M	16mm	8"	\$13.60
905060	BW-1117M	17mm	8-3/4"	\$15.10
905062	BW-1118M	18mm	9-1/8"	\$15.60
905063	BW-1119M	19mm	9-3/4"	\$17.10
905064	BW-1121M	21mm	10-1/2"	\$19.00
905065	BW-1122M	22mm	11-1/2"	\$24.00

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Combination Wrench Sets

GearWrench 14-Piece 6-Point Fractional Includes 1/4", 15/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

Stk.	Mfr.	Price
433510	81924	\$48.70

GearWrench 14-Piece 6-Point Metric Includes 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm.

Stk.	Mfr.	Price
433511	81925	\$43.60

GearWrench 28-Piece 6-Point Fractional & Metric Includes

14-piece fractional set 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" & 1". 14-piece metric set 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19mm.

Stk.	Mfr.	Price
433509	81923	\$87.60

Master Mechanic 6-Piece 12-Point Fractional Includes 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", plus rack.

Stk.	Mfr.	Price
943273	106179	\$19.50

Blackhawk 9-Piece 12-Point Fractional Includes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" & 3/4", plus pouch.

Stk.	Mfr.	Price
905830	9609PNB	\$97.80

Stanley 13-Piece 12-Point Fractional Includes 1/4", 5/16", 3/8", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 9/32", 11/32" & 7/16".

Stk.	Mfr.	Price
864820	87-244	\$54.00

Stanley 11-Piece 12-Point Fractional Includes: 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" & 13/16".

Stk.	Mfr.	Price
864840	94-385W	\$36.70

Blackhawk 14-Piece 12-Point Fractional Includes 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 13/16", 15/16", 1", 1-1/8" & 1-1/4", plus roll pouch.

Stk.	Mfr.	Price
905589	MF-014	\$197.00

Stanley 14-Piece 12-Point Fractional Includes 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" & 1-1/4".

Stk.	Mfr.	Price
864815	85-990	\$81.70

S-K 15-Piece 12-Point Fractional Includes 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", plus rack.

Stk.	Mfr.	Price
831567	86255	\$281.00

Craftsman Industrial 17-Piece 12-Point Fractional Includes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" & 1-5/16".

Stk.	Mfr.	Price
305704	24410	\$150.00

Blackhawk 17-Piece 12-Point Fractional Includes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 13/16", 15/16", 1", 1-1/16", 1-1/8", 1-5/16" & 1-1/4", plus roll pouch.

Stk.	Mfr.	Price
905586	MF-017	\$184.00

GearWrench 4-Piece 12-Point Ratcheting Includes 3/8", 7/16", 1/2", 9/16", plus molded storage tray.

Stk.	Mfr.	Price
432820	9304	\$39.20

GearWrench 8-Piece Reversible 12-Point Ratcheting Includes 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", plus molded storage tray.

Stk.	Mfr.	Price
432830	9533N	\$79.70

Stanley 11-Piece 12-Point Metric Includes 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 & 17mm.

Stk.	Mfr.	Price
864841	94-386W	\$36.70

S-K 15-Piece 12-Point Metric Includes 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm plus locking rack.

Stk.	Mfr.	Price
831568	86265	\$204.00

Craftsman Industrial 17-Piece Set 12-Point Metric Includes 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm.

Stk.	Mfr.	Price
305705	24411	\$133.00

Blackhawk 17-Piece 12-Point Metric Includes 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm, plus pouch.

Stk.	Mfr.	Price
905590	MF-017M	\$181.00

Craftsman Industrial 35-Piece 12-Point Standard & Metric Includes 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16" & 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 & 22mm.

Stk.	Mfr.	Price
305800	81745	\$246.00

Blackhawk 8-Piece 6- & 12-Point Metric Includes 6-pt. 8 & 9, 12-pt. 10, 11, 12, 14, 17 & 19mm, plus roll pouch.

Stk.	Mfr.	Price
905587	MF-008M	\$90.40



Magnetic Tool Holder

Master Magnetics Strong, permanent magnetic bars are designed to hold large or small tools or metal parts firmly. Provides easy grasp and instant release. Black w/yellow Day-Glo striping for high visibility.

Stk.	Mfr.	Length	Price
530000	07661	24"	\$21.20



Combination Wrench Rack

Wright 15-slot locking rack neatly stores wrenches. Durable plastic rack has pre-drilled holes to easily mount to wall or toolbox. Red.

Stk.	Mfr.	Price
532805	S1203RACK	\$21.20

Inspect all deliveries immediately for shipping damage, including concealed damage. All damage must be noted by the delivery person on the Bill of Lading. Contact our Customer Service Department for assistance with damage claims.

ROTARY TOOLS



Fortiflex™ Flex Shaft Tool Kit

Dremel The ideal rotary tool for detailed projects requiring both precision and power. 2.5 Amp (1/5 HP) motor provides high torque at low speeds making it perfect for power-carving, shaping and grinding. Flexible shaft includes a patented bearing system for durability and cool operation. Precision hand piece is engineered for control and comfort even with extended use. 3-jaw chuck accepts accessories with shank sizes from 0"- 5/32". Foot-operated speed control delivers the right speed for every job.

Includes VS foot pedal, heavy-duty flex shaft, hand-piece w/3-jaw chuck, wall hook, chuck wrench, HS cutter, brush wheel, 1/4" & 1/2" sanding mandrel, 1/4" sanding band (1 ea. 60 & 2 ea. 120 grit), 1/2" sanding bands (1 ea. 60 & 2 ea. 120 grit), diamond wheel point, tungsten carbide cutter, aluminum oxide grinding stone, 3/16" silicon carbide grinding stone, drill bit set & manual.

Stk.	Mfr.	Volts	Amps	Speed	Price
343441	9100-21	120	2.5	23,000 RPM	\$288.00



100 Series Rotary Tool Kit

Dremel Single-speed control for routing, cutting, drilling and sanding. Lightweight design gives comfort during prolonged use. Cool-running ball bearing construction for smooth and quiet operation. Replaceable brushes extend tool life. 2-yr. mfr.'s warranty.

Includes 7 assorted bits/accessories & 6' cord.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
342798	100-N/7	120	1.15	35,000	\$57.60



200 Series Rotary Tool Kit

Dremel Two-speeds allow low speed for cleaning applications and brush accessories, plus high-speed for routing, cutting and sanding. Click-and-set on/off switch allows precise speed selection. Lightweight, comfortable design.

Cool-running ball bearing construction for smooth, quiet operation. Replaceable brushes extend tool life. 3-yr. mfr.'s warranty.

Includes 15 assorted bits/accessories, lawn mower/garden tool sharpener, plastic case & 6' cord.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343021	200-1/15	120	1.15	15,000-35,000	\$74.00



3000 Variable Speed Rotary Tool Kits

Dremel EZ Twist™ nose cap with integrated wrench allows nose cap to be used to tighten accessories. Fan design and side vents make for a cooler running tool. Can be used with all Dremel accessories and most attachments. Replaceable motor brushes extend tool life. 4-yr. mfr.'s warranty.

Please visit our website to see a listing of all accessories.

24-Piece Accessory Kit Includes 6' cord & molded case, plus 24 assorted bits/accessories.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343104	3000-1/24	120	1.2	5,000-32,000	\$101.00

28-Piece Accessory Kit Includes 6' cord & molded case, plus 28 assorted bits/accessories.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343105	3000-2/28	120	1.2	5,000-32,000	\$115.00



4000 Series High Performance Rotary Tool Kits

Dremel High-performing, versatile rotary tools feature increased motor strength, plus electronic feedback circuitry that enables consistent performance at all speed levels. Accepts all existing Dremel accessories/ attachments, plus high-performance attachments to complete the widest range of projects. Slim, ergonomic body provides a 360° grip zone for comfort and control. 5-yr. mfr.'s warranty.

30-Piece Accessory Kit Includes circle cutter/straight edge guide, sanding/grinding guide, wrench, Quick Start Book, 6' cord & case, plus 30 assorted bits.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343133	4000-2/30	120	1.6	5,000-35,000	\$119.00

50-Piece Accessory Kit Includes circle cutter/straight edge guide, sanding/grinding guide, wrench, Quick Start Book, 6' cord & case, plus 50 asst. bits/access., planer attachment, flex-shaft attachment, multipurpose cutting guide, detail nose piece, lawn mower/garden tool sharpener.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
343134	4000-6/50	120	1.6	5,000-35,000	\$204.00



8V Lithium-ion Cordless Rotary Tool Kit

Dremel Cordless rotary tool for finishing, sanding, polishing, cleaning, engraving and more. VS control for setting speed to match the task at hand. Li-ion battery maintains charge up to 2 years while in storage. Comfort grip housing for easier handling and better tool control. Mfr.'s 2-year limited warranty.

Includes 2 mandrels, bristle brush, 1/2" drum sander, 2 felt polishing wheels, polishing compound, two 1/2" 240 grit sanding band, three 1/2" 60 grit sanding band, three 1/2" 120 grit sanding sand, three 1-1/4" cut-off wheel, 2 aluminum oxide grinding stones & wrench.

Stk.	Mfr.	Volts	Speed (rpm)	Price
343865	8100-N/21	8	5,000-30,000	\$106.00



Micro 8V Max Rotary Tool Kit

Dremel Cordless rotary tool for light duty tasks. Cuts metal with ease. Provides 360° grip close to the work piece for superior control. LED lights built into the nose cap illuminate projects. Features high-capacity Lithium-ion battery, docking station stops charging when batteries reach capacity and a quick-collet lock for fast accessory changes. Mfr.'s 2-yr. limited warranty.

Includes 3 mandrels, 3 cutters, four 1/2" sanding bands (two 60, 120, 240 grit), two 1-1/4" cut-off wheels, two ea. 1/2" & 1" felt polishing wheels, polishing compound, stainless steel brush & silicon carbide grinding stone.

Stk.	Mfr.	Volts	Speed (rpm)	Price
343436	8050-N/18	8	5,000 - 25,000	\$129.00



Rotary Tool Kit

Proxxon Compact design with aluminum die-cast head provides a stable housing for the ground steel spindle. Torsion-free compact housing made of glass-fibre reinforced polyamide. Soft finger grip area. Quiet, precise and efficient. Separate on/off switch and speed control dial for perfect speed every time. 3/4" collar allows fitting of Proxxon drill stands and rotary tool holders. Complete with 6 high concentricity triple-slit steel collets 1/32"- 1/8".

Includes 34-piece accessory set: 4 grinding bits, 4 grinding wheels, saw blade, 20 cut off wheels, micro drill bit 0.5 mm, micro drill bit 0.8 mm, brass wheel brush, milling bit 2.3 mm, diamond bit sphere 1.8 mm, 6 steel collets, collet wrench & case.

Stk.	Mfr.	Volts	Speed (rpm)	Price
303014	38481	115	5,000-20,000	\$178.00



Moto-Saw™

Dremel A compact and easy solution for making detailed cuts in a variety of materials including wood, plastic, laminates and metal. Portable, precision-sawing tool is easy to store, set-up and operate. Tool-free blade changes. Auto-tensioner keeps blade taut and ready to cut. Ergonomic comfort grip provides control in any

cutting position. Functions as a stationary scroll saw or remove from base to use as a portable coping-saw.

Blade 3.8"L. Stoke .31"L. Throat 9.84"D.

Includes fast clamp base, side cutting blade, 4 wood & plastic blades, 4 fine wood blades, metal blade, vacuum adapter & storage case.

Stk.	Mfr.	Volts	Amps	Speed	Price
343545	MS20-01	120	.6	1,500-2,250	\$135.00



7-Piece Sanding/Polishing Set

Dremel Polish a variety of materials to a high luster, clean tough-to-reach areas & more.

Includes 3 abrasive buffs (180, 280 & 320 grit), 2 detail abrasive wheels (36 & 120 grit), cloth polishing wheel & polishing compound, plus storage case.

Stk.	Mfr.	Price
343379	EZ684-01	\$26.50



11-Piece Carving/Engraving Set

Dremel Gets students started carving & engraving.

Includes case, 3/32" collet bit, 4 engraving cutters (1/32", 1/16", 3/32", 1/32"), 5/64" diamond wheel point, 5/64" diamond carving bit, 4 silicon carbide grinding stones (1/8" round top 1/8" flat top, 9/32", 3/16").

Stk.	Mfr.	Price
343396	689-01	\$19.20



31-Piece Sanding/Grinding Set

Dremel Sharpen tools, remove rust, sand down sticking doors, engrave on glass & more.

Includes 1/8" mandrel, 1/2" sanding drum w/mandrel, 6 grinding stones (4 aluminum oxide & 2 silicon carbide), 6 sanding bands 1/2" (3 of 60 grit & 3 of 120 grit), abrasive buff, .0145 cut-off wheel & 15 medium sanding discs.

Stk.	Mfr.	Price
343382	686-01	\$16.70



52-Piece General Purpose Set

Dremel Cut, carve, sand, grind, clean, polish & more.

Includes high-speed cutter, 4 felt polishing wheels (2 of 1/4" & 2 of 1"), 2 mandrels (1/8" & screw-on), 1/2" sanding drum w/mandrel, 2 grinding stones (aluminum oxide & silicon carbide), 3 sanding bands 1/2" (1 of 60 grit & 2 of 120 grit), 37 cut-off wheels (36 of .025 & 1 of .0145), 3/4" steel wire brush & abrasive buff.

Stk.	Mfr.	Price
343383	687-01	\$16.70



75-Piece Accessory Kit

Dremel Assorted bits for cutting, grinding, drilling, carving, shaping, sanding, cleaning & polishing.

Includes HSS 1/8" ball nose cutter, 1/8" drill bit, 3 grinding stones (25/32" silicon carbide & 2 aluminum oxide 3/8" & 5/8"), 5 sanding bands, 1/2" (120-grit & 4 of 1/2" coarse grit), 24 sanding discs, 1/2" (12 of 120-grit & 12 of coarse), 3 mandrels (1/8" screw mandrel & 2 of 1/8" shank mandrel), 22 cut-off wheels (20 heavy-duty emery 15/16", emery 1-1/4" & fiberglass reinforced 1-1/4"), 10 felt polishing wheels (6 of 1/2" & 4 of 1"), 3/4" carbon steel brush, 60-grit sanding drum & mandrel polishing compound, plastic case & instructions.

Stk.	Mfr.	Price
343398	707-01	\$21.80



110-Piece All-Purpose Accessory Kit

Dremel Ideal for cutting, sanding, polishing, grinding & cleaning & more.

Includes 26 cut-off wheels (12 of 15/16" thin-cut, 12 of 15/16" regular, 1-1/4" fiberglass-reinforced, 1-1/4" regular), 8 felt polishing wheels (4 ea. 1/4" & 4 ea. 1"), polishing compound, 4 grinding stones (2 aluminum oxide, 2 silicon carbide), 60 grit sanding band & mandrel (1/4", 1/2"), 1/2" sanding bands (6 of 60 grit, 6 of 120 grit), 1/4" sanding bands (5 of 120 grit), 3/4" sanding discs (4 of 180 grit, 13 of 220 grit, 13 of 240 grit), high speed cutter, 2 mandrels, screw mandrel, dressing stone & wrench.

Stk.	Mfr.	Price
343401	709-02	\$28.50



160-Piece Super Accessory Kit

Dremel Versatile kit for cutting, grinding, sanding, polishing, drilling, sharpening, cleaning & more.

Includes 1/8" ball nose cutter, 2 cut-off wheels (1-1/4" & 1-1/2" reinforced), 2 cutting wheels, 1-1/2" (thin cut & plastic cut), 2 grinding stones (5/8" aluminum oxide, 9/32" silicon carbide), 30 sanding bands 1/4" (15 ea. of 60 & 120 grit), 30 sanding bands 1/2" (15 ea. of 60 & 120 grit), 1/4" sanding band w/mandrel (60-grit), 72 sanding discs, 3/4" (24 ea. of 180, 220 & 240 grit), 3/4" carbon steel brush, 9 felt polishing wheels (5 of 1/2" & 4 of 1"), EZ-lock polishing cloth, 4 mandrels, 1/8" (EZ-lock, shank & 2 of screw), polishing compound, 1/2" sanding drum w/mandrel (60-grit), collet wrench, 3 abrasive buffs (180, 280 & 320 grit), plus plastic case & instructions.

Stk.	Mfr.	Price
343411	710-08	\$42.50



Multi-Vise™ Tool Holder

Dremel Secure your project or free up a hand for extra control when using a rotary tool. Removable cushioned jaws protect delicate workpiece & provide a firm, steady grip. Rotates 360°/tilts 50°. Clamps to any work surface up to 2-1/2"T. Turns rotary tool into a stationary sander, grinder or polisher.

Removable clamping jaws create a stand-alone bar clamp.

Stk.	Mfr.	Price
343700	2500-01	\$48.20



Flex-shaft Attachment

Dremel Attaches to Rotary Tools 100, 200, 275, 285, 300, 395, 398, 400, 780, 800, 4000 & 8200. 36" cable. Use to carve, sand, polish, clean, engrave & cut.

Stk.	Mfr.	Price
342930	225-01	\$41.00



Drill Press Stand

Dremel Drill press, tool holder & flexible shaft holder. Drills perpendicular & angled holes in 15° increments (up to 90° horz.). Holds tool in place for sanding & buffing applications (& holds at 90° horz. for polishing metal, sanding & grinding metal pieces). Telescoping flex shaft holder extends from 16" to 29". On-board tool storage. Cord management clips. 56 sq./in. metal base w/4 clamping points.

Includes WorkStation attachment & mounting wrench.

Shown w/Rotary Tool, sold separately.

Stk.	Mfr.	Price
342892	220-01	\$61.50



Plunge Router Attachment

Dremel For use w/models 275, 285, 395, 398, 400 Series XPR. Transforms corded Rotary Tool into a plunge router for edging, grooving & freehand routing. Features a plunge lock-in handle & 2 depth stops w/quick release for fast & easy adjustments. Clear base, depth guide & on-board storage.

Includes edge & circle cutting guides.

Shown w/Rotary Tool, sold separately.

Stk.	Mfr.	Price
343123	335-01	\$38.30



Right Angle Attachment

Dremel For getting into tight areas, grinding rust off cars or snowblowers, or polishing an engine cylinder. Easy to attach w/out tools in place of housing cap. Small, durable design for long-lasting, versatile use.

- Ball bearings & spiral bevel gears provide smooth, cool operation
- Coupling system provides 12 different positions

Stk.	Mfr.	Price
343300	575	\$30.00



Router/Shaper Table

Dremel Converts corded Rotary Tool into a bench-mounted wood shaper for slotting, grooving, sanding & trimming edges.

Includes adjustable fence & 8" x 6" worktable.

Shown w/Rotary Tool, sold separately.

Stk.	Mfr.	Price
342937	231	\$46.40



Rotary Tool Collets

Dremel

Use for:

- Rotary Tools 245, 250, Series 3 & later
- 260, 270, 280, Series 2 & later
- 275, 285, 370, 380, 395, 850 Freewheeler & Mini Lite 750
- Rotary Flex Tools 232 & 332
- Chainsaver tools 241, 246, 277 & 8504
- 225 & 90199 flexible shaft attachments

Stk.	Mfr.	Size	Price
343183	483	1/32" Dia.	\$3.45
343182	482	1/16" Dia.	\$3.45
343181	481	3/32" Dia.	\$3.45
343180	480	1/8" Dia.	\$3.45



MultiPro® Chuck

Dremel Use to quickly & easily change accessories on Dremel's MultiPro Rotary Tool w/out having to change collets (use w/corded MultiPro Rotary Tool only).

Stk.	Mfr.	Price
343850	4486	\$13.30



Screw Mandrel

Dremel Use w/all cutting wheels, sanding discs & polishing wheels.

Stk.	Mfr.	Shank	Price
343139	402	1/8"	\$3.48

343172 343170 343160 Steel Wire Brushes



Dremel Use for polishing & removing rust on metal surfaces.

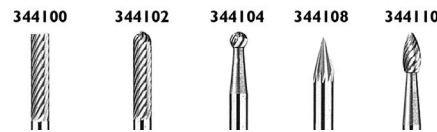
Stk.	Mfr.	Size	Shank	Price
343172	443	1/8" dia.	1/8"	\$3.48
343170	442	1/2" dia.	1/8"	\$3.48
343160	428	3/4" dia.	1/8"	\$3.48



Shaping Wheel

Dremel Carbide-coated wheel quickly & efficiently removes material. Easily creates compound curves. Use on woods, fiberglass, laminates, plastic, leather & Styrofoam® (not metal).

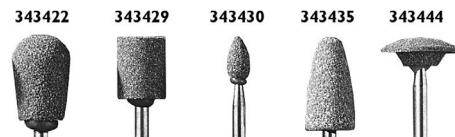
Stk.	Mfr.	Shank	Price
343008	801	1/8"	\$19.80



Tungsten Carbide Cutters

Dremel Outlast high speed cutters many times over.

Stk.	Mfr.	Size	Shank	Description	Price
344100	9901	1/8" dia.	1/8"	Square end	\$10.90
344101	9902	3/32" dia.	1/8"	Square end	\$10.90
344102	9903	1/8" dia.	1/8"	Round nose	\$10.90
344103	9904	3/32" dia.	1/8"	Round nose	\$10.90
344104	9905	1/8" dia.	1/8"	Ball nose	\$10.90
344105	9906	1/8" dia.	1/8"	Ball nose	\$10.90
344108	9909	1/8" dia.	1/8"	Taper point	\$10.90
344109	9910	1/8" dia.	1/8"	Taper point	\$10.90
344110	9911	1/8" dia.	1/8"	Cone point	\$10.90



Grinding Stones

Dremel Made of aluminum oxide for sharpening, deburring & general-purpose use. Mounted.

Stk.	Mfr.	Size	Shank	Price
343422	911	7/16" dia.	1/8"	\$3.48
343429	932	3/8" dia. Flat Top	1/8"	\$3.48
343430	945	3/16" dia.	1/8"	\$3.48
343435	952	3/8" dia. Round Top	1/8"	\$3.48
343444	971	5/8" dia.	1/8"	\$3.48

342800 342882 342825 342823 342830 High Speed Cutters

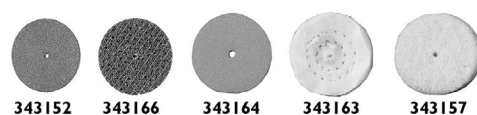


Dremel Made of high-quality steel. Can be used for shaping & hollowing most metals, plastics & woods.

342843 342854 342879 342883 342891



Stk.	Mfr.	Size	Shank	Description	Qty.	Price
342800	100	1/4" dia.	1/8"	Ball Nose	1	\$6.60
342818	114	5/16" dia.	1/8"	Ball Nose	1	\$6.65
342882	193	5/64" dia.	1/8"	Square Nose	1	\$6.65
342886	194	1/8" dia.	1/8"	Square Nose	2	\$9.87
342893	196	7/32" dia.	1/8"	Square Nose	2	\$9.87
342820	116	1/4" dia.	1/8"	Square Nose	1	\$6.65
342821	115	5/16" dia.	1/8"	Square Nose	2	\$9.87
342825	117	1/4" dia.	1/8"	Round Nose	2	\$9.87
342823	118	1/8" dia.	1/8"	Taper Point	1	\$6.65
342835	125	1/4" dia.	1/8"	Taper Point	2	\$9.87
342830	121	1/4" dia.	1/8"	Cone Nose	1	\$6.65
342833	124	5/16" dia.	1/8"	Cone Nose	1	\$6.65
342843	134	5/16" dia.	1/8"	Cup	1	\$6.65
342854	144	5/16" dia.	1/8"	Dual	1	\$6.65
342879	190	3/32" dia.	1/8"	Ball Nose	1	\$6.65
342880	191	1/8" dia.	1/8"	Ball Nose	1	\$6.65
342883	192	3/16" dia.	1/8"	Ball Nose	2	\$9.87
342891	199	3/8" dia.	1/8"	Cutter	1	\$6.65



**Wheels
Dremel**

Emery Cut-off Wheel For slicing & cutting off metal & plastic. Fits Mandrel No. 402.

Stk.	Mfr.	Size	Qty.	Price
343152	409	15/16" dia.	36	\$6.96

Heavy-duty Emery Cut-off Wheel Fits Mandrel No. 402.

343159	420	15/16" dia.	20	\$7.56
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Fiberglass Cut-off Wheel Fits Mandrel No. 402.

343166	426	1-1/4" dia.	5	\$10.20
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Cloth Polishing Wheel For polishing all metals & plastics. Use w/ Polishing Compound. Fits Mandrel No. 402.

343163	423E	1" dia.	1	\$4.75
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Emery Polishing Wheel Impregnated w/fine emery for polishing metals. Use w/Mandrel No. 402.

343164	425	7/8" dia.	1	\$3.45
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Felt Polishing Wheel For polishing small areas. Fits Mandrel No. 401.

343157	414	1/2" dia.	6	\$3.50
343167	429	1" dia.	1	\$3.50



Sanding Bands

Dremel For sanding wood, fiberglass & plastics.

Drum w/Mandrel

Stk.	Mfr.	Size	Shank	Qty.	Price
343148	407		1/8"	1	\$4.70

Sanding Band

Stk.	Mfr.	Size	Shank	Qty.	Price
343151	408	1/2" band, 60 grit	1/8"	6	\$3.48
343165	432	1/2" band, 120 grit	1/8"	6	\$3.48



Felt Polishing Tip

Dremel Ideal for polishing in corners & hard-to-reach areas. Fits Mandrel No. 401.

Stk.	Mfr.	Size	Qty.	Price
343162	422	3/8" dia.	1	\$3.50



Polishing Compound

Dremel Apply to buffing wheels. Ideal for bringing high luster to metals or plastics.

Stk.	Mfr.	Price
343161	421	\$3.50

ENGRAVERS

Electric Engraver



Dremel Writes like a pencil on any material from glass to steel. Calibrated stroke adjustment dial regulates depth of engraving from fine lines to deep marks.

115V, 7,200 spm.

Includes carbide point (9924).

Stk.	Mfr.	Item	Price
343080	290-01		\$23.80

Replacement Points

Stk.	Mfr.	Item	Price
344120	9924	Carbide Point	\$7.11
344125	9929	Diamond Point	\$19.90

Engraver GG12



Proxxon Create fine details in glass, metal, wood and plastic. Easy-to-control engraver pen weighs only 4 oz. Engrave for hours without fatigue. Ball bearing assembly for smooth almost vibration free action. 2-yr. mfr.'s warranty. 12V, 20,000 rpm.

Includes diamond bit.

Requires Micromot AC Adapter, sold separately.

Stk.	Mfr.	Price
303013	28592	\$26.60

Micromot AC Adapter.

Stk.	Mfr.	Price
303012	38706	\$46.90



Cordless Power Precision Engraver

General Powerful 20,000 RPM motor for engraving in glass, metal, ceramic and plastic.

Aluminum body offers superior durability and the ergonomic grip provides comfort and ease-of-use. Uses standard 3/32" engraving bit.

Includes 2 AAA batteries.

Stk.	Mfr.	Price
418500	505	\$20.00

Place your order on-line!
www.midwesttechnology.com

BUFFERS



Buffers

Baldor For use with soft cloth buffing wheels and buffing compounds.

Includes start/stop switch & cord.

Wheels sold separately. Please specify voltage.

Buffers meet OSHA regulations if metal wheel covers, exhaust duct & dust collectors are added to the installation.

6" Buffers

Stk.	Mfr.	Wheel Dia.	Volts	HP	Phase	Speed (rpm)	Price
224206	114	6"	115	1/4	1	1,800	\$367.00
224139	111	6"	115	1/3	1	3,600	\$367.00

8" Buffers

224675	332B	8"	115/230	3/4	1	1,800	\$700.00
224742	333B	8"	115/230	3/4	1	3,600	\$700.00



Buffer Wheel Hoods

KEI Fits Baldor Buffers to entrap dust, provide safety & meet OSHA requirements.

- Easy to install
- USA made
- Access panel for easy wheel changing
- Hose outlet provides for dust collection

• Mounts directly to the buffer on the bell end near the shaft

Please specify Baldor Buffer model.

6" Dia. For Baldor Buffers #'s 111 & 114.

Overall size 7" dia. x 4"W x 3" outlet.

Stk.	Mfr.	Item	Price
493780	2401L	Left	\$310.00
493781	2401R	Right	\$310.00

8" Dia. For Baldor Buffers #'s 330-B, 332-B, 333-B & 334-B.

Overall size 9" dia. x 7"W x 4" outlet.

493782	2406L	Left	\$390.00
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8" Dia. For Baldor Buffers #'s 330-B, 332-B, 333-B & 334-B.

Overall size 9" dia. x 7"W x 4" outlet.

493783	2406R	Right	\$390.00
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Adjustable Buffing Mandrel

Shop Fox Mandrels easily adapt to 5/8", 3/4" and 1" arbor holes on buffing wheels.

Stk.	Mfr.	Price
785647	D2802	\$6.24



Buffing Compounds

Dico Packed compound tubes printed w/number, type, use & instructions.

Please visit our website for more information about compounds.

Stk.	Mfr.	Type	Size	Qty.	Price
335402	529-E5J	Emery	2" x 5"	17.6 oz.	\$12.50
335469	529-TC6J	Tripoli	2" x 5"	12 oz.	\$12.50
335201	529-SCRJ	Stainless	2" x 5"	15.2 oz.	\$12.50
335268	529-CR1J	Chrome Rouge	2" x 5"	16 oz.	\$12.50
335345	529-WR1J	White Rouge	2" x 5"	16 oz.	\$12.50
335335	529-JR1J	Jeweler's Rouge	2" x 5"	21.6 oz.	\$18.00
335134	529-PBCJ	Plastic	2" x 5"	13.6 oz.	\$12.50

5-Piece Kit Includes instruction manual & 3.5 oz. size tube each of Emery, Tripoli, Stainless, Chrome Rouge, Jeweler's Rouge.

335067	533-DBC				\$27.70
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Dico Flanges

Dico For buffing wheels. 2 flanges required for ea. wheel (sold singly).

Stk.	Mfr.	Size	Qty.	Price
335050	535-58	5/8"	1	\$1.17
335052	535-34	3/4"	1	\$1.17



Buffing Wheels

Dico Made of 100% cotton for consistent performance. Hand-turned ply for

greater durability & uniform wear, with tight-looped stitching for longer life. The unique arbor-adapting flanges allow greater versatility.

Cushion Sewn A medium density, professional-type buffing wheel for all general purpose buffing. **Includes** two 1/2" flanges.

Stk.	Mfr.	Dia.	Thick	Rows Sewn	Price
335737	526-36-6	6"	1/2"	2	\$12.50
336030	526-41-6	6"	3/4"	2	\$15.00
335810	526-36-8	8"	1/2"	3	\$18.80
336040	526-41-8	8"	3/4"	3	\$23.10

Canton Flannel Extra-soft flannel wheel for brilliant finishes and all final coloring operations. Safest wheel to use with rouge on precious metals. Made of 100% cotton for consistent performance. **Includes** two 1/2" flanges.

336072	526-60-6	6"	1/2"	2	\$12.50
336210	526-60-8	8"	1/2"	2	\$16.30

Spiral Sewn Coarse cutting action. Sewn in a continuous spiral from the center to the face. Dependable, well-balanced, long wearing wheels for general shop use. **Includes** toothed flanges for 1/2" spindle.

335820	526-40-6	6"	1/2"	1/4" spacing	\$15.60
335821	526-40-8	8"	1/2"	1/4" spacing	\$18.70

MAGNIFYING TOOLS



Magnifier Lamp

Alvin 4" dia., 3-diopter fine-ground glass lens with 1.75 magnification. Spring-balanced arm w/36" reach. Handle on shade makes lens easy to position. Clamps on up to 2-1/4" thick surfaces. Metal clamp. Accepts 60W bulb (not included).

Stk.	Mfr.	Price
482786	ML100-B	\$31.40



X-Tra Hands

X-Acto Double alligator spring clamps and double joints hold work firmly at any angle. 2x magnifier for close, exacting work to free hands for soldering, gluing and positioning.

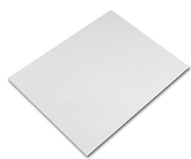
Stk.	Mfr.	Price
477084	X75170	\$18.70

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PAPERS & BOARDS



Poster Board

Royal Excellent board with ink, poster colors and markers. Use for construction work, mats and art projects. Same color on both sides. Heavy 4-ply thick board. White color.

Stk.	Mfr.	Size	Qty.	Price
684020	24301	22" x 28"	1	\$1.44



Cellfoam 88™

Midwest Products Extruded, closed-cell polystyrene foam sheets are lighter than Balsa and tougher than foam board. Use for "foamie" models, craft projects and architectural models.

Consistent, smooth flat surface without paper liners. Accepts most paints (water-based, enamels & latex), most adhesives (epoxy, foam-safe CA, water based & polyurethane) and can be sanded.

Stk.	Mfr.	Size	Qty.	Price
536595	5920	11-1/2" x 11-1/2" x 1/8"	4	\$5.44
536596	5921	11-1/2" x 11-1/2" x 3/16"	3	\$5.44
536597	5922	11-1/2" x 11-1/2" x 3/8"	2	\$5.44



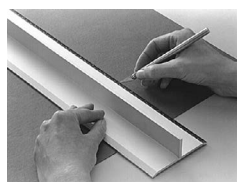
White Foam Board

Elmer's For mounting, framing, silk screening and more. Resilient polystyrene cores ensure a clean precise cut with mat cutter, rabbit cutter or utility knife. Ideal for dry or vacuum mounting (from 180° to 220°F). Boards resist warping, denting and crushing. Bonds easily with fabrics,

paper and many other materials.

Stk.	Mfr.	Size	Qty./Pkg.	Price
196377	90109	20" x 30" x 3/16"	25	\$102.00
196379	90105	24" x 36" x 3/16"	25	\$143.00
196378	90510	30" x 40" x 3/16"	25	\$196.00

CUTTING TOOLS



Safe-T-Cut Straightedge

Alvin Ensure safe, accurate cutting with this unique vertical hardened aluminum straight-edge. Ideal for studio, shop or classroom use. The precision-rule edge is graduated in inches (1/16) and centimeters (1mm) for easier-than-ever trimming. Extra-wide 3-1/2" base

with nonskid rubber backing helps prevent slipping and accidental cuts. Convenient hanging ring.

Stk.	Mfr.	Length	Price
196194	SE12	12"	\$35.90
196195	SE18	18"	\$43.50



Stainless Steel L-Square Ruler

Alvin Made of durable stainless steel with etched inch graduations. 3" x 4".

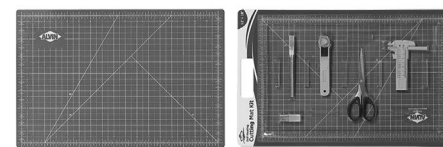
Stk.	Mfr.	Price
196133	SS34L	\$8.05



Stainless Steel Triangle Ruler

Alvin Made of durable stainless steel with etched inch graduations. 3" x 3".

Stk.	Mfr.	Price
196132	SS3	\$8.05



196010

196007

Cutting Mats & Kit

Alvin Self-healing, reversible 3mm thick mats. Durable composite vinyl material, for use with rotary and straight utility

blades, can be cut without showing cutting lines.

Printed grid pattern includes guide lines for 45° and 60° angles and 1/2" grid lines (mats 24" x 36"+ & above have horz. & vertical graduated marks). Fully-numbered edges are graduated with 1/8" marks extending beyond zero baseline. Non-stick surface is impervious to abrasions and liquid spills. Black on 1 side, green on the other (gridded on both).

Stk.	Mfr.	Size	Price
196006	GBM0812	8-1/2" x 12"	\$5.04
196010	GBM1218	12" x 18"	\$9.90
196011	GBM1824	18" x 24"	\$16.70
196012	GBM2436	24" x 36"	\$31.70

6-Piece Kit Includes mat, artist's knife w/spare blade, 7" scissors, rotary cutter & circle cutter w/spare blades.

Stk.	Mfr.	Size	Price
196007	GMK818	12" x 18"	\$39.70



Cutting Mat & Knife

X-Acto Portable cutting solution. Protects work surface from the nicks and cuts from blades and cutting tools.

Includes a #1 knife & cutting mat.

Stk.	Mfr.	Size	Price
476988	X7768	4" x 7-1/2"	\$11.20



#8 Lightweight Retractable Utility Knife

X-Acto Multi-purpose knife makes precise cuts through paper, mat board, foam board, delicate fabrics, sheet metal, plastic and more.

Includes 1 blade.

Stk.	Mfr.	Price
477588	X3208	\$2.49

#8 Lightweight Utility Knife Blades X-Acto Fits #8 Lightweight Retractable Utility Knife Mfr. X3208.

Stk.	Mfr.	Qty.	Price
476810	X208	5	\$3.24



Straight/Bevel Cutter

FoamWerks Features adjustable blade depth, ergonomic handle and on-board blade storage. Works with 3/16" (5mm) foam board and can be used with any suitable straight edge. Transform from a straight cutter to a bevel cutter by rotating the angled base block.

Includes 2 blades.

Stk.	Mfr.	Price
536585	WC6010	\$15.10



90° Rabbet Cutter

Alvin Use on foam board to make perfect 90° corners and eliminate the exposure of internal foam. For use on all 3/16" foam boards. Ideal for model makers. Uses single edge razor blades.

Stk.	Mfr.	Price
196148	RB316	\$16.40

Single Edge Razor Blades Master Mechanic Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
943279	741330	10	\$2.21
942846	521013	100	\$8.55

Rabbet Cutter



FoamWerks Create perfect adjoining joints. Dual-blade action creates 1-stroke finished results. Use with right or left hand. Features ergonomic handle and on-board blade storage.

Includes 2 blades.

Stk.	Mfr.	Price
536588	WC4010	\$15.10

SpeedFeed™ Heavy-Duty Snap-off Knife



Great Neck For cutting tile, rope, cardboard, linoleum, wire, tape, plastics, nylon and more. End of blade snaps off easily to provide a new cutting edge each time. Rubberized ergonomic grip.

Includes 6 heavy-duty snap-off blades (5 stored in the handle).

Stk.	Mfr.	Item	Handle	Qty.	Price
281250	80026		6-1/2"L		\$7.20
281156	5BLBK	Replacement Blades		5	\$2.94

SpeedFeed™ Light-Duty Snap-off Knife



Great Neck For light-duty cutting of paper, leather, vinyl. Snap-off blade provides a new cutting edge each time.

Includes snap-off blade.

Stk.	Mfr.	Item	Handle	Qty.	Price
281155	SBK		5"L		\$2.24
281157	5BSBK	Replacement Blades		5	\$2.52

Knife w/Light



X-Acto #11 blade with an LED for improved accuracy in dimly lit work stations. Soft touch grip. Batteries included.

Stk.	Mfr.	Price
476975	X3279	\$12.10

No.1 Light-Duty Knife



Techni Edge Classic light-duty craft and hobby knife for precision cutting and trimming. Supplied with safety cap & No. 11 blade.

Stk.	Mfr.	Handle	Price
943321	TE01-012	4-7/8" Aluminum	\$3.20

Axent Knife

X-Acto Identical to the classic X-Acto #11 knife but with a flair of color to inspire all your creative endeavors. Supplied with No. 11 blade.

Stk.	Mfr.	Handle	Price
477561	X3036	4-7/8" Red Aluminum	\$4.61
477562	X3037	4-7/8" Blue Aluminum	\$4.61

Retract-A-Blade Knife



X-Acto Fully retractable knife. Easy blade changes. Soft, triangle shape comfort grip provides for control and keeps the knife from rolling off work surface. Perfect for delicate, precision cutting and trimming of paper, plastic, balsa, thin metal, cloth and film. Supplied with No. 11 blade.

Stk.	Mfr.	Price
477584	X3204	\$9.79

No. 1 Z-Series Knife



X-Acto Zirconium nitride coating adds strength to blade and tip. Supplied with No. 11 blade.

Stk.	Mfr.	Handle	Price
477612	XZ3601	4-7/8" Aluminum	\$4.78

No. 2 Medium-Duty Hobby Knife



Techni Edge Medium-duty craft and hobby knife for precision cutting and trimming. Supplied with safety cap and No. 24 blade.

Stk.	Mfr.	Handle	Price
943322	TE01-022	5" Aluminum	\$3.20

No. 5 Heavy-Duty Knife



X-Acto Contoured handle for sure grip. Supplied with No. 19 blade for precise, heavy-pressure cutting of heavyweight material.

Stk.	Mfr.	Handle	Price
477585	X3205	4-1/4" Plastic	\$6.23

X2000 Knife



X-Acto Rubberized comfort grip has anti-roll design. Center barrel blade release for fast and easy blade changing. Supplied with No. 11 blade.

Stk.	Mfr.	Price
477620	X3728	\$6.93

360° Swivel Knife



Revell 360° swivel knife for precise cutting of curves, circles and designs. Features an aluminum handle and collet plus protective cap.

Stk.	Mfr.	Handle	Price
688670	88-6927	4-3/4" Aluminum	\$6.81

Deluxe Retractable Knife



X-Acto Features push-button retractable stainless steel blade. Special handle for delicate, precision cutting and trimming. Supplied with X295 blade.

Stk.	Mfr.	Handle	Price
477610	X3295	4-7/8"	\$14.90



No. 1 Knife Set

X-Acto Ideal for light-duty hobby, craft and graphic arts projects.

Includes No. 1 knife w/two No. 11 & 1 ea. No.'s 10, 16, 17 blades.

Stk.	Mfr.	Price
477670	X5211	\$5.83



Double Knife Set

X-Acto Suitable for a variety of light and medium-duty cutting tasks.

Includes No. 1 knife w/No. 11 blade, No. 2 knife w/No. 2 blade, No. 1 & No. 2 blade assortments & plastic case.

Stk.	Mfr.	Price
477675	X5262	\$13.70



Basic Knife Set

X-Acto Versatile, 3-knife/13-blade set is ideal for lightweight precision cuts of wood, cardboard, paper, plastic, cloth and foam board.

Includes No. 1 knife w/No. 11 blade, No. 2 knife w/No. 2 blade, No. 5 knife w/No. 19 blade, 1 each of the following blades: No.'s 7, 10, 16, 17, 18, 19, 22 & 24, plus two No. 11 blades & wood case.

Stk.	Mfr.	Price
477682	X5082	\$22.80



Standard Knife Set

X-Acto Good for general cutting and sawing of light to medium-weight material. 3-knife/17-blade set provides extensive cutting and sawing capabilities.

Includes No. 1 knife w/No. 11 blade, No. 2 knife w/No. 2 blade, No. 6 knife w/No. 24 blade, 1 each of No.'s 7, 10, 13, 16, 17, 18, 19, 22, 24 & 27 blades, plus two each of No. 11 & No. 26 blades & wood case.

Stk.	Mfr.	Price
477683	X5083	\$33.40



Precision Hobby Knife Set

General Ergonomic design reduces user fatigue and enables more precise, more powerful cuts on a myriad of materials from paper, cardboard and wood to plastics, leather, sheeting and more.

Includes medium-duty precision knife handle, heavy-duty knife handle, 16 assorted interchangeable blades (3 #20

short bevel, 3 #23 long bevel, 3 #11 sharp angle, 4 #11 bevel angle, 3 #27 long angle) & storage case.

Stk.	Mfr.	Price
419830	95618	\$14.70



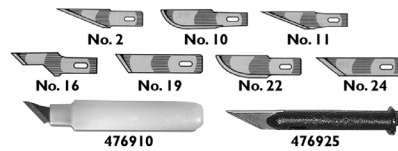
Deluxe Craft Tool Set

X-Acto

Includes No. 1 knife w/No. 11 blade, No. 2 knife w/No. 2 blade, No. 5 knife w/No. 19 blade: 1 each of No.'s 7, 11, 13, 16, 17, 22, 24, 26 & 28 blades, jeweler's screwdriver, block plane, block sander, spoke shave, balsa stripper, 2 routers, 4

gouges, pin vise, 3 drill bits, coping saw w/blade & wood case.

Stk.	Mfr.	Price
477688	X5087	\$73.60



Replacement Blades

No. 2 For precision cutting of medium weight materials.

Stk.	Mfr.	Qty.	Price
943323	TE01-203	5	\$1.55

No. 10 For cutting, light carving, slicing.

476812	X210	5	\$4.42
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No. 11 Z-Series Zirconium nitride coating adds strength to blade & tip.

476816	XZ211W	5	\$3.82
476941	XZ611	100	\$39.90

No. 11 Techni Edge High-carbon steel blades w/precision edges. Fits X-Acto & American Safety Razor No. 1 handles.

943190	TE01-113	5	\$1.85
943191	TE01-111	100	\$17.20

No. 16 For stenciling, etching & scoring. Use on printed circuit boards.

476820	X216	5	\$2.81
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No. 19 For light chiseling, rough shaping deburring & trimming.

476823	X219	5	\$3.24
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No. 22 For long, heavy-pressure cuts & initial shaping in woodworking, whittling, carving, trimming & slicing.

476829	X222	5	\$5.04
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No. 24 For close corner cuts on templates & mats. For deburring, stripping & gasket cutting.

476830	X224	5	\$2.81
476946	X624	100	\$39.60

Craft Swivel Blades Blade is designed to rotate 360° for easy cutting of curves & circles in lightweight materials.

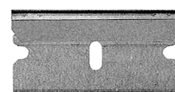
476910	X245	2	\$3.77
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X-Calibre RT Knife Blades For fine detail cutting, trimming paperwork & stenciling. Stainless steel resists corrosion.

476925	X295	5	\$8.52
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No. 1 Assortment For cutting, scoring & chiseling. Use on paper, balsa & cardboard. Contains No.'s 10, 16, 17 & two No. 11 blades.

476891	X231	5	\$3.12
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Single Edge Razor Blades

Master Mechanic Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
943279	741330	10	\$2.21
942846	521013	100	\$8.55

RAZOR SAWS & MITER BOXES



Ultra Thin Razor Saws

Zona Ultra-thin blade for super fine cuts in wood, soft metals and plastic without splitting or ragged edges. Shorter cutting depth and steel back for blade stability.

Stk.	Mfr.	Blade	TPI	Thickness	Price
613841	35-150	4-1/2"	42	.008"	\$7.70
613839	35-050	4-1/2"	52	.008"	\$8.27

Proudly serving Educators with Top Name Brand Tools & Outstanding Customer Service for over 100 years!



Razor Saw & Aluminum Miter Box Set

Zona Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Blade	TPI	Thickness	Price
613842	35-550	Saw	6-1/2"	42	.010"	\$8.80
613846	37-240	Miter Box				\$19.10
613843	35-241	Saw & Miter Box				\$24.00



Flexible Blade Razor Saw

Zona Slice through dowels, pegs and plugs that are cut off flush without marring work surface. Flexible blade saw teeth have no set. Cuts on the pull stroke and can be used for cutting through tenons and excess trim in joinery and in hard-to-reach spots.

Stk.	Mfr.	Blade	TPI	Price
613845	35-400	6-1/2"	16	\$12.90



4-in-1 Razor Saw Set

Zona Four interchangeable blade set is great for modelers and craft makers for fine cutting of soft and hard wood, soft metals, plastics, brass and copper without splitting or ragged edges. Saws have shorter cutting depth plus steel backs for greater blade stability.

- Razor Saw 5-1/2" blade, 32 TPI, .010" T
- Razor Saw 4-1/2" blade, 52 TPI, .008" T
- Saber Saw 4-1/2" blade, 24 TPI, .022" T
- Keyhole (push) 2-1/4" blade, 24 TPI, .022" T

Stk.	Mfr.	Price
613840	35-140	\$12.70



Precision Razor Saw X-Acto

3-Piece Set For delicate sawing of models and railroad tracks. Use on metal, balsa wood and plastic. **Includes** No. 5 knife handle & No. 234 & No. 235 razor saw blades.

Stk.	Mfr.	Price
477085	X75300	\$10.90

Saw & Miter Box Perfect for cutting molding, trim and model parts accurately. Slotted sides guide saw for accurate miter joints. Grooved base holds wood and other materials in place when sawing. 52 TPI.

477087	X75320	\$18.70
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Miter Box Only Perfect for cutting molding, trim and model parts accurately. Slotted sides guide saw for accurate miter joints. Grooved base holds wood and other materials in place when sawing.

477088	X75330	\$11.70
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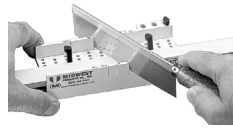
No. 235 Replacement Blades For medium depth cuts of balsa wood, railroad tracks, tubing, plastic, rubber & foam. 1" deep cuts. 4-1/2"L, 40 TPI.

476896	X235	\$4.11
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No. 239 Replacement Blades For delicate sawing in confined areas of balsa wood, fiberglass, plastic & railroad tracks. 1-1/4" deep cuts. 5-1/2"L, 52 TPI.

476899	X239	\$4.54
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Easy Miter Box w/Saw



Midwest Products Keep cutting material firmly in place with 3 unique cam clamps and work bench lip. Easily cut material up to 2" wide and 1/2" thick at 45°, 22-1/2°, 30° and 60° angles.

Stk.	Mfr.	TPI	Price
536322	1136	32	\$13.50

STAINED GLASS & WOOD BURNING IRONS

Versatip Plus Woodburning Iron



Dremel Multipurpose, easy-use tool for wood-burning, leather crafting, stencil cutting, soldering, hot knife cutting of Styrofoam® and plastics, also for cutting and fusing rope. Finger-grooved handle with protective heat shield for cool comfort and control. Short shaft length provides excellent tip control. Double-insulated. UL listed.

Max. tip temperature 1,050° F. Heating element (30 watts) 110-120V. Tool size 7-3/8"L. Tool weight 2-1/2 oz.

Includes 5 interchangeable tips (470, 471, 473, 474 & 499), plastic vial for tip storage & tool stand.

Stk.	Mfr.	Price
343485	1550	\$28.00

15-Piece Woodburning Iron Kit



Weller Short barrel, lightweight 25-watt iron allows close tip-to-grip distance for maximum control. Use specialized screw-mount tips for candle sculpting, and when adding accents to picture frames, leather, wicker, fabric and more. Hot knife tip easily slices foam, rope and other soft rigid materials. 7-yr. mfr.'s warranty. UL listed.

Includes iron stand, 11 tips (6 woodburning i.e. universal, dot, groove, calligraphy, stencil cutting & shading; 3 branding, hot knife tip w/chuck & pattern transfer), project manual, 25 sample patterns, 56" cord & molded case w/ hang hole.

Stk.	Mfr.	Price
309877	WSB25WB	\$29.60

Featherweight Iron



Weller Quality mini iron with pencil handle. Ideal for woodburning, hobbies, crafts, jewelry, model railroads and micro electronics. Stainless steel barrel, heat and impact resistant handle. UL listed.

Max. tip temperature 750°F. Heating element 25 watts, 110V. Tool size 7"L. Tool weight 4 oz.

Includes 6 soldering tips (1 ea. universal tip, groove tip, calligraphy tip, shading tip, dot tip & conical tip), plus 4' cord.

Stk.	Mfr.	Price
309874	WSB25HK	\$21.00

Stained Glass Iron



Weller A simple, safe iron for students to use on stained glass work. 80W.

Includes 2 pre-tinned (1/4" & 3/8") tips & soldering iron rest.

Stk.	Mfr.	Price
309766	SPG80L	\$53.00

MAGNETS



Ceramic Disc Magnet Set

Master Magnetics Also known as ferrite magnets, these powerful discs are made from the highest grade ceramic material available giving them unbeatable pull strength. Ideal for crafters and teachers. Attach to photo frames, calendars, schedules and more. Display on ferrous metal surfaces.

Stk.	Mfr.	Size	Qty./Pkg.	Price
943193	07003	3/4" dia. x 3/16"T	8	\$2.61



Neodymium Disc Magnet Set

Master Magnetics Powerhouse magnetic discs are small, but great for projects that require extreme strength. Magnets can chip if dropped.

Stk.	Mfr.	Size	Qty./Pkg.	Price
943194	07046	.472" dia. x 0.118"T each	6	\$10.50
943195	07047	.709" dia. x 0.118"T each	3	\$10.50

MARKERS & PENCILS



Marks-A-Lot Permanent Marker

Avery Regular chisel tip marker writes on almost any surface including cardboard, metal and plastic. Works well indoors or out. Durable chisel tip writes in a variety of line widths. Rich, dark low-odor ink is quick drying, nontoxic, water and rub resistant.

ACMI certified (conforms to ASTM D 4236).

Stk.	Mfr.	Tip	Color	Qty.	Price
942675	17888	Chisel	Black	1	\$1.60



Sharpie® Markers

Sharpie Quick-drying, permanent markers for the most hard-to-mark surfaces. Fade and water resistant. Nontoxic.

Original

Stk.	Mfr.	Tip	Color	Qty.	Price
452770	30101PP	Fine	Black	1	\$1.43
452771	30102PP	Fine	Red	1	\$1.43
452772	30103PP	Fine	Blue	1	\$1.43

Metallic Oil-based paint w/a glossy finish for any color background. For glass, metal, wood, rubber, stone, plastic, paper, vinyl, felt, canvas & more.

452774	39108PP	Fine	Silver	2	\$3.85
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Chisel Wide tip for marking thick & thin lines.

452775	38262PP	Fine/ Broad	Black	2	\$4.01
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Ultra Fine Point

452780	SN37001	Ultra Fine	Black	1	\$2.10
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Uni-Paint Marker Set

Sharpie Six vivid, opaque oil-based paint markers ideal for painting or personalizing on glass, metal, wood, rubber, stone, plastic, paper, vinyl, leather, canvas and more. Fade, water and abrasion resistant. Medium bullet point. AP-certified nontoxic.

Includes red, yellow, green, blue, black & white.

Stk.	Mfr.	Price
452769	63630	\$20.20



Crayola Classic Colors Marker Set

Crayola Broad-tip markers in 8 primary colors. Special ink easily washes from skin and clothing.

Stk.	Mfr.	Price
942691	58-7808	\$6.92



Silly Scent™ Super-tip Markers

Crayola Versatile-tip markers in 20 pretty colors. Use fine tip at top for detail, and broad side for coloring. Each marker is uniquely scented. Won't smear on the page. Special ink easily washes from skin and clothing.

Includes plastic pouch.

Stk.	Mfr.	Price
943251	58-8106	\$7.35



Prismacolor® Premier Colored Pencils

Sanford Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

12-Color Set Includes crimson red, orange, canary yellow, grass green, apple green, true blue, violet, violet blue, sienna brown, dark brown, black, white & tin case.

Stk.	Mfr.	Price
196000	PC952	\$21.00

24-Color Set Includes crimson red, poppy red, tuscan red, pink, peach, orange, spanish orange, goldenrod, canary yellow, dark green, grass green, true green, apple green, indigo blue, cerulean blue, true blue, mulberry, violet, violet blue, perma violet, sienna brown, dark brown, black, white & tin case.

Stk.	Mfr.	Price
196001	PC953	\$39.70

PAINT & BRUSH SETS

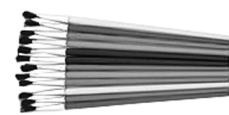


Brush Assortment

Linzer Camel hair brushes with metal ferrules and plastic handles. Use for models, watercolors, hobbies and crafts.

Includes 24 of each #1, #2, #3, #4, #5 & #6.

Stk.	Mfr.	Price
942805	A9000	\$22.10



Brush Set

Linzer Pony hair brushes with metal ferrules and plastic handles.

Includes 2 ea. of #'s 1, 2, 3, 4, 5 & 6.

Stk.	Mfr.	Price
504000	A9018	\$23.4

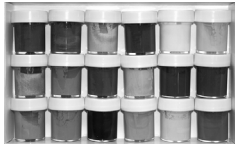
Place your order on-line!
www.midwesttechnology.com



Craft Sticks

Crafts Etc. Great for stirring, mixing and building all types of craft projects. 3/8" x 4-3/8". 1,000/pkg.

Stk.	Mfr.	Price
132300	0500462	\$9.48



Acrylic Craft Paint

Deep Flex Get creamy-smooth brushability and maximum coverage with these paints that are nontoxic, water-based, fast-drying and permanent. Use them on wood, plaster, bisque, clay, plastic, foam, canvas, paper, paper mache and most porous surfaces.

Stk.	Mfr.	Size	Colors	Price
478232	740094	1/2 oz. ea.	18	\$29.60



Acrylic Paint Sets

Sargent Art Opaque acrylic paints are nontoxic, water-based, relatively fast-drying and permanent. For use on wood, plaster, bisque

and clay (*not a glaze for firing*), paper, paper mache, foam and canvas.

Premier Set Includes yellow, blue, green, red, black, white.

Stk.	Mfr.	Size	Colors	Price
196218	665420	3/4 oz. each	6	\$6.15

Primary Set Includes peach, violet, orange, brown, turquoise & magenta, yellow, blue, green, red, black, white.

196219	665421	3/4 oz. each	12	\$11.30
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Poster Paint Sets

Sargent Art Opaque and water soluble poster paints.

Premium Set 3/4 oz. ea. Includes yellow, blue, green, red, black, white, violet, gold, orange, brown, turquoise & silver.

Stk.	Mfr.	Price
196103	665514	\$9.30

Primary Set 3/4 oz. ea. Includes yellow, blue, green, red, black & white.

196102	665412	\$4.54
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AIRBRUSH SETS



Air-Opaque™ Paint

Badger For students wanting vibrant color with consistent results. Formulated for air brushes, technical pens and paint brushes on paper, illustration board and canvas, plus wood

and Styrofoam® models. Ready-to-use paints are quick drying, water resistant, pre-reduced, colorfast, water-based, nontoxic, nonflammable, noncarcinogenic. Mix paints for more colors.

Primary Set Includes crimson, yellow, blue, green, brown, black, white.

Stk.	Mfr.	Size	Colors	Price
222359	701	1 oz.	7	\$24.30

Secondary Set Includes scarlet, magenta, orange, violet, indigo, aqua, turquoise.

222360	702	1 oz.	7	\$24.30
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Model 350 Airbrush Set

Badger Single-action, bottom-feed, external mix airbrush is great for stippling and spraying broader areas. Sprays high-viscosity materials such as ceramic glasses and stains and hobby enamels. Made of high-impact nylon, resistant to solvents and paint chemicals.

Includes 3 sizes of fluid tips & needle assemblies, 3/4 oz. jar, 2 oz. jar w/ cover, 8' braided air hose, 1/4" pipe thread fitting, wrench & manual.

Stk.	Mfr.	Price
222355	350-4	\$104.00



Crescendo™ Airbrush Set

Badger A durable, versatile airbrush that works continuously without breakdown. Spray regulators and tips change easily for greater diversity. Sprays properly reduced acrylics, acrylic enamels and lacquers, gouaches, fabric colors, inks, dyes, ceramic colors and glazes, watercolor, Air-Opaque™, Air-Tex™ and ACCU-flex™ colors.

- Bottom-feed, dual action, internal mix
- 1-piece, no-slip angled trigger for durability & comfort
- Snap-off handle for quick needle changes & cleaning
- Adaptable to 3 head sizes: fine, medium & large

Includes airbrush w/3 tips, spray regulators & needles (*fine, medium & large*), 8' braided air hose, 3/4 oz. jar w/jar adapter, two 2 oz. paint jars, 1/4 oz. metal color cup, 2 trigger pads, airbrush hanger & protective cap.

Stk.	Mfr.	Price
222352	175-7	\$153.00



Model 360 Universal Airbrush

Badger The only airbrush capable of performing in a gravity-feed as well as a bottom-feed mode.

- 360° front end rotation allows for either gravity or bottom feed usage
- Single nozzle/needle sprays from pencil-thin lines to 3" pattern

- Sprays all materials from acrylics to watercolors, inks to lacquers, Air-Opaque™, Air-Tex™ & MODELflex™ airbrush paints
- Finger-tight assembly tolerances
- Balance system corrects weight apportionment
- Trigger cushion is ultra comfortable & ergonomically correct
- Lifetime mfr.'s warranty on labor & Teflon seals

Includes all-purpose nozzle/needle, attachable jar, additional jar w/cover, trigger pad, protective cap & manual in plastic case.

Stk.	Mfr.	Price
222357	360-1	\$193.00



Hobby Spray Gun Set

Badger Basic set with everything needed to start working with spray gun. Perfect for jobs requiring a simple but effective spray. Step-by-step hobby guide is filled with helpful sections such as preparation for painting, camouflage, weathering and more.

Includes attachable 3/4 oz. jar, 6' air hose, propel regulator & can, 3/4 oz. mixing jar w/cover, 3 MODELflex™ colors, mixing pipette, manual & case.

Stk.	Mfr.	Price
222354	250-7	\$72.20



Anthem Airbrush Set

Badger User-friendly airbrush is versatile and comfortable. The thinner dia. needle and cone-shaped paint tip enable a single needle/tip configuration to spray virtually any desired material,

eliminating the need for fine, medium or large needle/tip variations. Also enables novice airbrush user to create and maintain the finest of lines with ease, yet meets the most exacting standards of accomplished users.

Includes airbrush w/protective cap, 8' braided air hose, 3/4 oz. jar w/jar adapter, 3/4 oz. jar w/cap, one 2 oz. paint jar, 1/4 oz. color cup & labeled box.

Stk.	Mfr.	Price
222356	155-7	\$145.00



Single-Action Airbrush Set

Paasche Sturdy, flexible single-action airbrush for all skill levels. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, 1/4 oz. metal color cup, 1 oz. color bottle assembly w/cap/gasket, 2 color-adjusting parts, 2 air caps, 2 wrenches, hanger & 22 Airbrush Lessons booklet.

gasket, 2 color-adjusting parts, 2 air caps, 2 wrenches, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640330	H-SET	\$72.20



Complete Airbrush Outfit

Speedy A great setup for the beginning or more experienced hobbyist and crafts maker. Features a hobby compressor with toggle switch for ample, oil-free air delivery.

Includes hobby compressor, airbrush quick-release 1 oz. jar & medium material nozzle, extra 1 oz. & 2 oz. jars, 8' air hose & bleeder valve for use w/non-bleeder airbrushes.

Stk.	Mfr.	Item	Price
279220	HS430		\$390.00
279320	HS1520SM	Replacement Jars 3/pkg., 1 oz.	\$14.70

Jar & Nozzle Assemblies

Stk.	Mfr.	Item	Price
278985	HS31	Fine	\$31.50
278986	HS32	Medium	\$31.50
278987	HS33	Heavy	\$31.50



Double-Action Airbrush Set

Paasche Sturdy, flexible double-action airbrush can spray patterns from fine detail to broader coverage handling light, medium and heavy fluids. Suitable for hobby or artistic use. Airbrush with tapered socket secures bottle or cup. For R- and L-hand use.

Includes 6' air hose w/couplings, head-protecting cap, 1/4 oz. metal color cup, 1 oz. bottle assembly w/cap/gasket, 2 tips, 2 needles, 2 air caps, wrench, hanger & 22 Airbrush Lessons booklet.

Stk.	Mfr.	Price
640331	VL-SET	\$94.30



Airstorm Air Compressor

Badger Lightweight, maintenance-free unit is excellent for moderate use. Features auto shut-off, hinged handle and 1/8" hose connection. ETL certified.

Air delivery (scfm) 0.81 @ 57 psi.
Size 8-1/4"L x 5-1/2"W x 7-3/4"H. Weight 7.93 lbs.

Includes 6' cord w/3-pronged plug, on/off switch, 4 suction-cup feet & 1/8" to 1/4" hose adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
222365	180-15	110	1/6	57 psi	\$209.00



D500 Air Compressor

Paasche Economical, lightweight compressor works with all airbrushes spraying properly thinned fluids. Oil-free unit delivers 20-40 psi.

Air delivery (scfm) 0.4 @ 20 psi.
Size 14"L x 6"W x 8"H. Weight 12 lbs.

Includes 6' cord w/3-pronged plug & 4 suction-cup feet.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
640332	D500	115	1/8	40 psi	\$113.00



DC600R Airbrush Compressor

Paasche Tank mounted compressor contained in a metal enclosure with carrying handle. Compressor shuts off when airbrush is not in use. Operating pressure 20 to 35 PSI with max pressure up to 65 PSI depending on airbrush being used.

- Protective case w/2 airbrush holders

- 1 gallon tank for pulsation free airbrushing
- Regulator & moisture trap
- Oil free piston type
- Thermal protected
- Noise level 50db

Size 16"L x 6.5"W x 16"H. Weight 24 lbs.

Includes R-75 regulator & moisture trap.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
640335	DC600R	115	1/6	65 psi	1 gal.	\$273.00



Portable Air Compressor

Campbell Hausfeld For inflation, brad nailing, stapling and airbrushing. 1 gal. tank eliminates the pulsations caused by piston action. Conveniently placed, easy-read gauge for easy monitoring of air pressure. Sturdy handle allows handy transport and storage.

Air delivery (scfm) 0.51 @ 40 psi & 0.39 @ 90 psi.

Size 11.8"L x 11.8"W x 12.7"H. Weight 16 lbs.

Includes 2 inflation nozzles, needle & adapter, air chuck & 25' recoil hose.

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
291141	FP2028	120	100 psi	1 gal.	\$133.00

Please visit
midwesttechnology.com
for the complete specifications
of the products listed on this page.

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Airbrush DVD

Badger

Stk.	Mfr.	Title	Length	Price
222364	BD-103	Airbrush Techniques	66 min.	\$25.90

Automotive DVDs

Shopware

Stk.	Mfr.	Title	Length	Price
794702	32784-DVD	Braking System Repair	18 min.	\$89.10
794703	32783-DVD	Electrical Repairs	20 min.	\$89.10
794705	32786-DVD	Miscellaneous Repairs	19 min.	\$89.10

Braking Systems Series

794484	44880-DVD	Brake Fundamentals	33 min.	\$99.00
794487	44881-DVD	Master Cylinders & Valves	29 min.	\$99.00
794488	44882-DVD	Disc & Drum Brakes	22 min.	\$99.00
794483	44879-DVD	3-DVD Series (listed above)		\$297.00

Hybrid Series

794716	35526-DVD	History of Hybrids	15 min.	\$69.30
794717	35527-DVD	Hybrid Components	16 min.	\$69.30
794718	35528-DVD	Hybrid Safety Issues	18 min.	\$69.30
794719	35525-DVD	3-DVD Series (listed above)		\$208.00

Computer System Series

794720	25078-DVD	Computer System Service	21 min.	\$89.10
794721	25076-DVD	Computer On-board Diag.	14 min.	\$89.10
794722	24744-DVD	Computer System Operation	30 min.	\$89.10
794723	26253-DVD	Scanning Auto. Computer Prob.	30 min.	\$89.10
794724	24743-DVD	4-DVD Series (listed above)		\$357.00

Engine Performance Series

794497	44876-DVD	Eng. Diag. Intake, Exhaust & Em.	34 min.	\$99.00
794498	44877-DVD	Ignition Systems & Fuel Systems	32 min.	\$99.00
794499	44878-DVD	Computer Systems & Sensors	25 min.	\$99.00
794496	44875-DVD	3-DVD Series (listed above)		\$297.00

Automotive Software

Optimum

Stk.	Mfr.	Title	Operating System	Price
613950	52100DD	Car Builder	Win/Mac	\$79.80
613954	52200DD	Truck Builder	Win/Mac	\$79.80

Bridge Building Book

ABS

Stk.	Mfr.	Title	Pages	Price
957886	740174	Building Toothpick Bridges	30	\$52.70

Bridge Building DVDs

Shopware

Stk.	Mfr.	Title	Length	Price
794442	20351-DVD	Balsa Wood Model Bridges	19 min.	\$79.20
794441	20352-DVD	Model Bridges	23 min.	\$79.20
794419	23381-DVD	Spaghetti Model Bridges	13 min.	\$79.20

Midwest Products

536345	560	Build 'Em & Bust 'Em	12 min.	\$15.30
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Bridge Builder Software

Pre-Engineering

Stk.	Mfr.	Title	Qty.	Price
152344	BB-SCWD	Bridgebuilder™	For 1 PC	\$54.00
152346	BB-SPWD	Bridgebuilder™	For 30 PCs	\$192.00

CAD/CAM DVDs

Meridian

Stk.	Mfr.	Title	Length	Price
534436	26790-DVD	What is CAD?	19 min.	\$89.10
534410	25586-DVD	How is a CAD Drawing Done?	12 min.	\$89.10
534341	24696-DVD	An Overview of CAM	14 min.	\$89.10
534430	26713-DVD	3-DVD Series (listed above)		\$268.00

Career Planning DVD

CEV

Stk.	Mfr.	Title	Length	Price
125811	CEVD199	Career: The Right Fit	31 min.	\$82.50

CNC DVD

Meridian

Stk.	Mfr.	Title	Length	Price
534343	25074-DVD	Computer Numerical Control	20 min.	\$99.00

Computers Technology DVDs

Meridian

Stk.	Mfr.	Title	Length	Price
534409	25583-DVD	How Computers Operate	25 min.	\$99.00
534344	25077-DVD	Computer Peripherals	25 min.	\$99.00
534345	25080-DVD	Computers At Work	25 min.	\$99.00
534431	26715-DVD	3-DVD Series (listed above)		\$297.00

Concrete DVDs

CEV

Stk.	Mfr.	Title	Length	Price
125838	CEVD849	Part 1: Cement Comp. & Mix	36 min.	\$93.50
125839	CEVD850	Part 2: Const. Forms & Curing	32 min.	\$93.50
125840	CEVD851	Part 3: Tool Ident. & Finishing	33 min.	\$93.50

Construction DVDs

CEV

Stk.	Mfr.	Title	Length	Price
125816	CEVD806	Foundation & Flooring	24 min.	\$93.50
125817	CEVD807	Framing	28 min.	\$93.50
125818	CEVD808	Ceiling Joists & Rafters	33 min.	\$93.50
125819	CEVD809	Roofing	37 min.	\$93.50
125814	CEVD803	Basic Stud Frame Construction	38 min.	\$93.50

Meridian

534412	25678-DVD	Intro. to Construction Technology	17 min.	\$49.50
534422	26120-DVD	Elmnts. Project Design & Site Prep.	17 min.	\$49.50
534349	25359-DVD	Erecting Sub & Superstructures	19 min.	\$49.50
534411	25661-DVD	Installing Utilities	20 min.	\$49.50
534348	25320-DVD	End. Finishing & Landscape Struct.	18 min.	\$49.50
534350	1638-DVD	How Levers Work	5 min.	\$33.00
534351	1640-DVD	How Gears Work	8 min.	\$33.00

Cambridge

290060	12006-DVD	Estimating Building Materials	26 min.	\$79.20
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Dragster & Racers DVDs

Stk.	Mfr.	Title	Length	Price
957898	700196	Make a CO2 Dragster	10 min.	\$25.90
536309	563	Mousetrap Racing	15 min.	\$15.30

Electrical DVDs

CEV				
Stk.	Mfr.	Title	Length	Price
125815	CEVD805	Electrical Safety	33 min.	\$105.00
Meridian				
534346	35401-DVD	Electrical Troubleshooting	21 min.	\$89.10
Shopware				
534382	42035-DVD	Electrical Safety	23 min.	\$99.00
794697	32070-DVD	Res. Wiring, 8-DVD Series	16-21 mins. ea.	\$792.00

Electronics DVDs

Shopware				
Stk.	Mfr.	Title	Length	Price
794511	35395-DVD	Electronic Components Part 1	22 min.	\$89.10
794531	35396-DVD	Electronic Components Part 2	14 min.	\$89.10
794533	35397-DVD	Electronic Components Part 3	15 min.	\$89.10
Meridian				
534347	35402-DVD	Electronic Troubleshooting	22 min.	\$89.10

Engineering Software

Pre-Engineering

Stk.	Mfr.	Title	Qty.	Price
152352	MS-SCWD	ModelSmart™	For 1 PC	\$64.80
152356	MS-SPWD	ModelSmart™	For 30 PCs	\$384.00
152360	MS3D-SCWD	ModelSmart3D™	For 1 PC	\$97.20
152362	MS3D-SPWD	ModelSmart3D™	For 30 PCs	\$480.00

Hand Tool DVDs

CEV				
Stk.	Mfr.	Title	Length	Price
125829	CEVD823	Hand Tool ID & Terminology 1	20 min.	\$53.90
125830	CEVD824	Hand Tool ID & Terminology 2	20 min.	\$53.90
125831	CEVD825	Hand Tool ID & Terminology 3	22 min.	\$53.90
Shopware				
794728	37046-DVD	Inside the Carpenter's Toolbox	19 min.	\$99.00
794726	42220-DVD	Hand Tools for Woodworking	24 min.	\$129.00
794446	20325-DVD	Reading a Ruler: Eng. & Metric	18 min.	\$79.20

HVAC DVDs

Shopware				
Stk.	Mfr.	Title	Length	Price
534438	37245-DVD	Residential AC	21 min.	\$99.00
534439	37244-DVD	Residential Heating	24 min.	\$99.00
534440	37243-DVD	2-DVD Series (listed above)		\$198.00

Hydraulics & Pneumatics DVDs

Meridian				
Stk.	Mfr.	Title	Length	Price
534415	25690-DVD	Introduction to Fluid Power	19 min.	\$99.00
534406	25439-DVD	Fluid Power Tech. at Work	23 min.	\$99.00

Laser Technology DVDs

Shopware				
Stk.	Mfr.	Title	Length	Price
794443	20349-DVD	Fundamentals of Laser Technology	13 min.	\$79.20
794444	20348-DVD	Understanding Holograms	12 min.	\$79.20
794445	20347-DVD	Making Holograms: Altman Method	23 min.	\$79.20
794471	7983-DVD	Fiber Optics	13 min.	\$79.20
794422	20420-DVD	4-DVD Series (listed above)		\$317.00

Manufacturing DVDs

Meridian				
Stk.	Mfr.	Title	Length	Price
534413	25684-DVD	Intro to Manufacturing Technology	17 min.	\$49.50
534418	25826-DVD	Manufacturing Resources	17 min.	\$49.50
534419	25827-DVD	Manufacturing Systems	17 min.	\$49.50
534417	25825-DVD	Manufacturing Processes	15 min.	\$49.50
534420	25828-DVD	4-DVD Series (listed above)		\$198.00
534421	25836-DVD	Materials Handling	29 min.	\$99.00
534339	24639-DVD	Advanced Manufacturing	18 min.	\$99.00
534342	25072-DVD	Computer Integrated Mfg.	26 min.	\$99.00

Math DVDs

Meridian				
Stk.	Mfr.	Title	Length	Price
534330	25685-DVD	Introduction to Math Technology	11 min.	\$79.20
534331	25843-DVD	Math in Automotive Technology	11 min.	\$79.20
534332	25844-DVD	Math in Construction Technology	10 min.	\$79.20
534333	25845-DVD	Math in Electrical Technology	11 min.	\$79.20
534334	25378-DVD	4-DVD Series (listed above)		\$317.00

Metalworking Book

Starrett				
Stk.	Mfr.	Title	Pages	Price
875590	1700	Metalworking Safety	160	\$23.30

Metalworking DVD

Shopware				
Stk.	Mfr.	Title	Length	Price
794699	42039-DVD	Metalworking Safety	23 min.	\$99.00

Plastics DVD

Meridian				
Stk.	Mfr.	Title	Length	Price
534414	25688-DVD	Plastics Technology	19 min.	\$99.00

Plumbing DVDs

CEV				
Stk.	Mfr.	Title	Length	Price
125833	CEVD842	Plumbing Material & Tool ID	47 min.	\$97.90
125837	CEVD848	Basic Residential Plumbing System	38 min.	\$97.90
125834	CEVD843	Basic Plumb. 1: Plastic Pipe	40 min.	\$97.90
125835	CEVD844	Basic Plumb. 2: Copper Pipe	29 min.	\$97.90
125836	CEVD845	Bsc. Plmb. 3: Steel Pipe & Mat.	29 min.	\$97.90
Shopware				
794727	36100-DVD	Inside the Plumber's Tool Box	32 min.	\$99.00

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 of the products listed on this page.

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Robotics Book

Questech

Stk.	Mfr.	Title	Price
684113	90076	Curriculum for TeachMover	\$230.00

Robots DVDs

Meridian

Stk.	Mfr.	Title	Length	Price
534427	26231-DVD	An Important Place in Industry	11 min.	\$89.10
534428	26232-DVD	Designed to Meet Any Need	11 min.	\$89.10
534426	26230-DVD	Putting Them to Work	11 min.	\$89.10
534432	26718-DVD	3-DVD Series (listed above)		\$268.00
534407	25471-DVD	Fundamentals of Indust. Robotics	25 min.	\$99.00

Shopware

794448	8154-DVD	Automatic Guided Vehicle	10 min.	\$69.30
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Rocketry & Flight DVDs

Shopware

Stk.	Mfr.	Title	Length	Price
794438	20361-DVD	Model Rocketry	14 min.	\$79.20
794449	8153-DVD	The Space Shuttle	45 min.	\$79.20
794447	8279-DVD	Lighter Than Air Vehicles	56 min.	\$79.20
794439	20359-DVD	Principles of Flight Part 1	29 min.	\$79.20
794440	20358-DVD	Principles of Flight Part 2	29 min.	\$79.20

Small Engine Books

Briggs & Stratton

Stk.	Mfr.	Title	Pages	Price
204340	270962	'L' Head Repair	350	\$19.60
203150	272147	Single Cylinder OHV		\$22.20
204350	CE8020	Small Engine Textbook	300	\$145.00
203165	CE8155	Small Engine Repair		\$70.00

Small Engine DVDs

CEV

Stk.	Mfr.	Title	Length	Price
125841	CEVD880	Sm. Gas Engine Disassembly 1	39 min.	\$109.00
125842	CEVD881	Sm. Gas Engine Disassembly 2	43 min.	\$109.00
125843	CEVD882	Sm. Gas Engine Disassembly 3	31 min.	\$109.00
125844	CEVD883	Sm. Gas Engine Assembly 1	39 min.	\$109.00
125845	CEVD884	Sm. Gas Engine Assembly 2	27 min.	\$109.00
125846	CEVD885	Sm. Gas Engine Assembly 3	27 min.	\$109.00
125849	CEVD888	Sm. Engine Maint. Checkup	45 min.	\$109.00
125850	CEVD889	Sm. Engine Maint. Cleanup	35 min.	\$109.00
125851	CEVD890	Sm. Engine Maint. Repair	38 min.	\$109.00
125847	CEVD886	Sm. Engine Carburetor 1	33 min.	\$109.00
125848	CEVD887	Sm. Engine Carburetor 2	37 min.	\$109.00

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Welding DVDs

Stk.	Mfr.	Title	Length	Price
125823	CEVD813	Gas Tungsten Arc Welding	47 min.	\$127.00
125824	CEVD814	Oxy-Acetylene Weld. Safety & Intro	25 min.	\$127.00
125827	CEVD817	Acetylene Cylinder Safety	22 min.	\$127.00
125826	CEVD816	Oxy-Acetylene Cutting	40 min.	\$127.00
125825	CEVD815	Oxy-Acetylene Welding & Brazing	38 min.	\$127.00
125832	CEVD839	Introduction to Welding	28 min.	\$127.00
125822	CEVD812	Gas Metal Arc Welding	54 min.	\$127.00
125820	CEVD810	Shielded Stick Metal Arc Welding 1	45 min.	\$127.00
125821	CEVD811	Shielded Stick Metal Arc Welding 2	27 min.	\$127.00
125828	CEVD818	Shielded Stick Metal Arc Welding 3	27 min.	\$127.00

Meridian

534434	26785-DVD	Intro: Oxyfuel Welding	14 min.	\$49.50
534435	26786-DVD	Intro: Shielded Metal Arc Welding	12 min.	\$49.50
534433	26784-DVD	Intro: Gas Tungsten Arc Welding	11 min.	\$49.50
534408	25479-DVD	Intro: Gas Metal Arc/Flux Core Weld	11 min.	\$49.50

Miller

566306	196-567	TIG Welding Basics	80 min.	\$72.00
566307	196-568	MIG Welding Made Easy	70 min.	\$72.00

Shopware

794667	42036-DVD	Welding Safety	23 min.	\$99.00
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Woodworking Books

Kreg

Stk.	Mfr.	Title	Pages	Price
793803	MD-CAB01	Basic Cabinetmaking	40	\$5.25

Woodstock

485972	W1050	Dust Collection	57	\$7.16
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Woodworking DVDs

Cambridge

Stk.	Mfr.	Title	Length	Price
290061	14477-DVD	Woodworking Basics	32 min.	\$198.00

CEV

Stk.	Mfr.	Title	Length	Price
125761	CEVD0785	Lg. Power Tools II: Safety, Op., ID	80 min.	\$105.00
125760	CEVD0784	Lg. Power Tools I: Safety, Op., ID	27 min.	\$105.00
125755	CEV80780A	Safety & Operation of Tools	142 min.	\$215.00

Shopware

794409	35533-DVD	Band Saws & Scroll Saws	21 min.	\$79.20
794417	35542-DVD	Circular Saws	16 min.	\$79.20
794408	35531-DVD	Cut-off Saws (w/miter, c. miter)	21 min.	\$79.20
794418	35543-DVD	Jig Saws & Reciprocating Saws	16 min.	\$79.20
794491	35532-DVD	Radial Arm Saws	17 min.	\$79.20
794407	35530-DVD	Table Saws	22 min.	\$79.20
794410	35534-DVD	Routers	20 min.	\$79.20
794411	35535-DVD	Jointers	17 min.	\$79.20
794412	35536-DVD	Planers	14 min.	\$79.20
794413	35537-DVD	Lathes	14 min.	\$79.20
794414	35538-DVD	Nailers	16 min.	\$79.20
794478	35539-DVD	Drill Press	14 min.	\$79.20
794415	35540-DVD	Drills & Drivers	16 min.	\$79.20
794416	35541-DVD	Stationary Sanders	13 min.	\$79.20
794482	35544-DVD	Grinders & Sharpeners	12 min.	\$79.20
794543	35545-DVD	Building a Work Center	22 min.	\$79.20
794486	35529-DVD	16-DVD Series (listed above)		\$1,267.00
794472	42037-DVD	Woodworking Safety	19 min.	\$99.00
534384	41118-DVD	Safety: Avoid. Accident/Injry.	22 min.	\$129.00

Kreg

793859	V03-DVD	Pocket Hole Joinery	30 min.	\$10.50
793910	V10-DVD	Trim Carpentry	30 min.	\$15.00

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- Actual transportation charges are prepaid and added to the invoice of all orders that ship outside of the 48 contiguous United States. These transportation charges will be added to all orders shipped to Alaska and Hawaii. **Attention:** Hazardous Materials including ORM-D, as defined by Federal Regulations, will not be sent to Alaska or Hawaii.
- Orders will be shipped, primarily, via UPS except as follows: model rocket engines and certain hazardous materials are sent by parcel post shipments. Furniture, machinery and large quantities of supplies are shipped on common carrier truck lines (tailgate delivery).
- Inside delivery assistance is available upon request and will be invoiced at rates in effect at time of delivery.
- UPS Next Day Air & 2nd Day Air service is available upon request. Actual charges will be prepaid & added to the invoice of all orders.
- Installation provided upon request. Ask us for firm quotations.

SHIPMENT:

Packaging exceeds minimum carrier standards. It is your responsibility to check the shipment carefully before signing the delivery receipts and truck bills of lading. Count the cartons and examine for damage. If there is a shortage or damage, note this on the freight bill before signing. If you find damage after you open the carton, immediately report this to the freight company and request a freight claim inspection. Also, notify our Sales/Customer Service Staff. Freight carriers must be notified of concealed damage with-in 10 days for them to accept any responsibility. **Note:** Your responsibility begins and the freight company's responsibility ends when you sign for and accept the shipment.

PAYMENT TERMS:

Orders from educational institutions, government agencies and firms with established credit will be shipped on open account. Terms are net 30 days from invoice date, unless other arrangements are made. We reserve the right to service charge past due accounts at a rate of 1.5% per month of past due amount, with a minimum of \$5.00 per month. We require a purchase order number or authorized signature for all orders. All other orders are to be prepaid using certified check, Discover, Visa or MasterCard. We reserve the right to assess a 3% convenience charge for paying by credit card.

Due to special pricing available exclusively to educational institutions, some items may not be available to all customers at the prices listed. Every effort will be made to sell such items(s) at the lowest available price to our non-institutional customers. Each customer will be notified in advance for approval of any price changes. At the time of notification, the order or parts of the order may be cancelled at the customer's option without penalty.

NOTICES:

Although reasonable precautions have been taken, errors in pricing and/or specifications may occur in printing. We reserve the right to correct any such errors. We will notify you of any such errors before processing your order. We will make every effort to guarantee printed prices through **November 1, 2016**. Prices are subject to change in extraordinary circumstances. We will also notify you of any price increases before processing your order. An authorized representative of Midwest Technology Products at the home office in Sioux City, Iowa must approve all purchase orders, contracts, and related agreements. No purchase order is binding until accepted by Midwest Technology Products.

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