

Large Size Gantry Robot 800mm x 600mm

Adhesives Glues Pastes Silicones RTVs Sealants Grease Epoxies Compounds



The largest stock sized gantry robot in the 9000 automated dispensing series, few industrial assembly dispensing tasks are larger than these dispensing robots can handle but the F9000N series design is modular and larger sizes can be quoted upon request. F9000N Cartesian robots are suitable for gaskets, potting, filling, shielding and spraying.

The F9800N industrial robot has an automatic dispensing area of 31.49" x 23.62" (800 x 600mm) and must be supported by main and idle supports on each side of the machine.

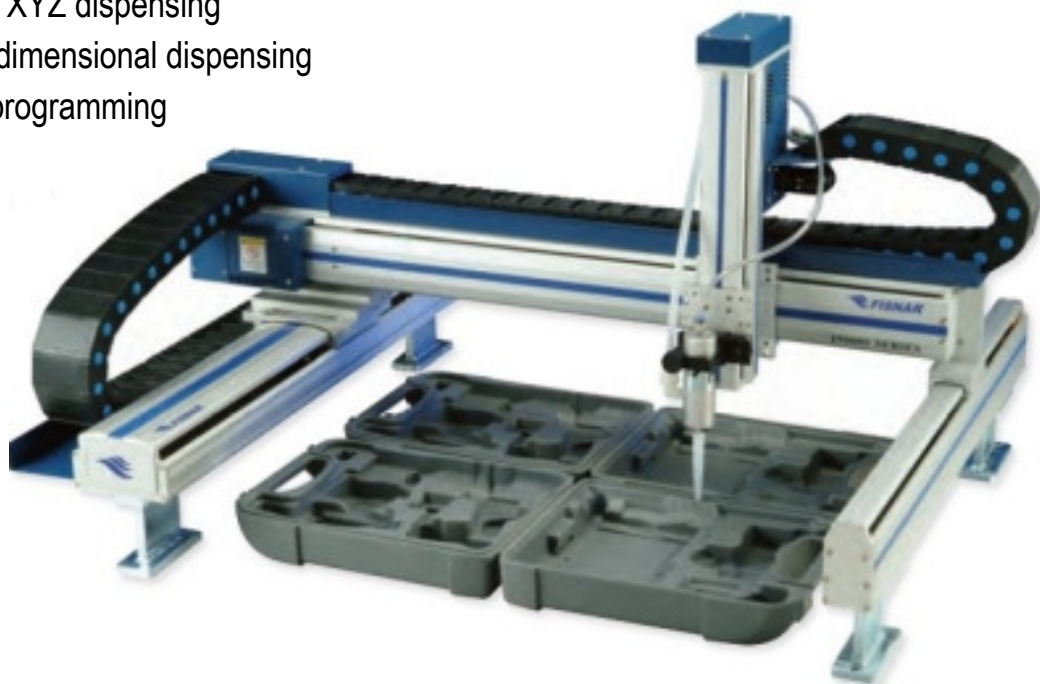
These supports also set the height of the robot. The in-line Cartesian robot operates above the dispensing application and is therefore suited as an assembly robot for conveyors and work cells. The dispensing robot is available in 3 and 4 axes models.

Features

- Working Area of 31.49" x 23.62" (800 x 600mm)
- Cartesian-Gantry construction with axis motion above subject
- Designed for Assembly Line and Rotary Operations
- Digital Servo controlled ball screw drives
- Multiple I/O ports for machinery and conveyor integration
- Available in three and four axis models
- Continuous path motion for perfect XYZ dispensing
- Interpolates lines or arcs for three-dimensional dispensing
- Teach Pendant and (optional) PC programming

Models (220v Operation CE)

- F9800N 3-Axis Gantry Robot
- F9804N 4-Axis Gantry Robot



Industrial
Grade Safe



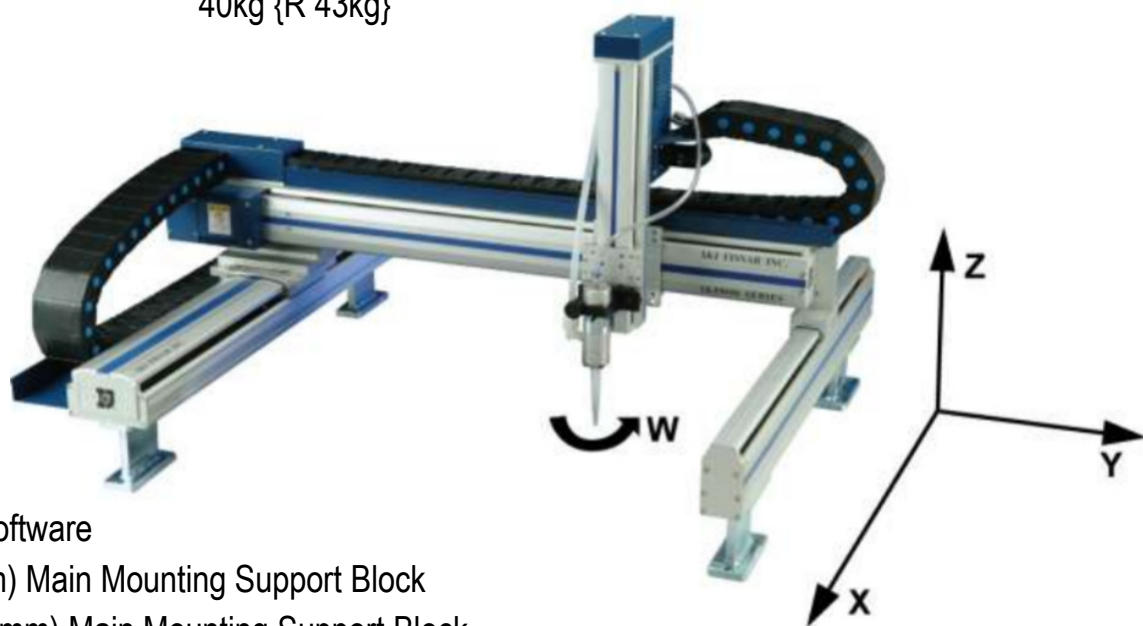
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Specifications

Working Area X/Y/Z (mm) {R°}: Maximum Load (Kg): Maximum Speed X/Y/Z (mm/sec): Repeatability: Resolution (mm/Axis): Program Capacity:	800/600/200 {R 360°} 7.0 {R 4.0} 1000/1000/500 {R 360°/Sec} +/-0.02mm/Axis {R +/- 0.05°} 0.001mm/Axis, (R)Axis 0.001° 100 Programs 3000 Steps/Program
Drive System: Operation System: Interpolation: Teaching Method: I/O Signals:	Servo Motor Point-To-Point, Continuous Path All Axes Teach Pendant System I/O IN:24 OUT:6 User I/O IN:32 OUT:32
External Interface: Power Supply: Working Temperature: Relative Humidity (no condensation): Manipulator Dimensions (WxDxH) mm: Controller Dimensions (WxDxH) mm: Manipulator Weight:	RS232C 1ø AC220V 0 - 40° C 20 - 90%RH 1197mm x 1022mm x 505mm 368mm x 302mm x 160mm 40kg {R 43kg}



A hand-held Teach Pendant is provided for simple and intuitive programming functions.



Accessories

F9000N-WIN	Windows® software
562022-050	2 inch (50mm) Main Mounting Support Block
562022-100	3.9 inch (100mm) Main Mounting Support Block
562022-150	5.9 inch (150mm) Main Mounting Support Block
562023-050	2 inch (50mm) Idle Mounting Support Block
562023-100	3.9 inch (100mm) Idle Mounting Support Block
562023-150	5.9 inch (150mm) Idle Mounting Support Block