

# lüscher-tschudi

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swiss solution for  
digital textile printing

**T-REX 320**  
Industrial textile printer

**ESC**  
**DECO TEC**

# T-REX 320

## swiss solution for digital textile printing

*Improved quality for you and a good service for the environment!*

A team of professionals with many years of experience in different areas developed a new generation digital textile printer for industrial application. The result of several years of development is the new Lüscher-Tschudi T-Rex 320 industrial textile printer. In this case, a special attention was paid to important sectors such as softsignage and textile printing.

To build the best industrial inkjet printer for wide textiles need deep knowledge in various fields. Experience in textile printing and textile chemicals, textile inkjet for water-based inks. Skills in textile engineering and special fabric guide for fabrics. Understanding in the textile digital printing and its applications. Knowledge of color management and Rip for digital printing and process technology as well as the workflow. A professional, specialized engineering for digital printing.

### **Improved quality for you and a good service for the environment!**

With the new generation of digital textile printing process, we pay great attention on environmentally friendly implementation. We use only water-based textile inks with highest quality and eco-friendly at the same time. There are no pollutants to the environment!

All this has been achieved with the new T-Rex 320. The Swiss know-how, one of the best in the world, guarantees quality products that are reliable and robust. Thus, the machines were tested for months in specialized printing centers before they are first shown to the public.

“ We present the new T-Rex textile printer with even more options, better quality, sharper images and faster printing.

We will advise you at any time.

# T-REX 320

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*T-REX 320 industrial textile printer with Swiss know-how*

From years of experience, developed fabric guide for substances with constant tension for the entire roll.

Bandingfree printing with high precision feed system and stepless, soft transitions in the passmodes.

Fabric dryer guarantees dried materials before winding on the roll.

Maximum brilliant color prints as a result of water-based eco-friendly textile inks.

4- 8 colors setup with up to 16 heads satisfy all your needs; and this up to 320 cm width.

Easy insertion of the printed material goods thanks to automatic fabric loading system.



1. Industrial design for 24/7 operation
2. High-quality parts; only the best components are used.
3. The daily simple application is in the foreground.
4. The process technology is very professional and easy to use.
5. Amortization of the investment realized in a few years.
6. The running costs, specially the ink, should be convenient.
7. Environmentally friendly water-based textile inks.

Latest print head technology from Konica Minolta (1024i KM) guarantees perfect prints, fast and reliable, up to 1440 dpi.

Special developed printer driver, independent of Rip - prints and controls all functions.

# T-REX 320

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Technical specifications

Printing speed 2pass	230 (m <sup>2</sup> /h) with resolution 360 x 720 dpi
Printing speed 3pass	180 (m <sup>2</sup> /h) with resolution 360 x 1080 dpi (Standard)
Printing speed 4pass	120 (m <sup>2</sup> /h) with resolution 720 x 720 dpi (High quality)
Printing size	3200 mm
Goods collection	Automatic
Material	Usual fabric, knitted fabric for Softsignage and textile
Model of print head	Konica-Minolta KM 1024 i
Number of print heads	4 to 16, depending on the configuration
Color setup	4 to 8 colors
Ink	Water based / Disperse dye / Reactive dye
Ink supply	Automatic with tank
Temperature	18-28 °C
Humidity	40-80%
Air pressure connection	0.6-0.8 Mpa
Power	400 v 16A - CE
Dimension LWH	598 x 164 x 178 cm
Weight	2500 kg



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