

lüscher-tschudi

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swiss solution for
digital textile printing

Raptor 320
Professional textile printer



Raptor 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 professional application.

The result of several years of development is the new Luescher-Tschudi Raptor 320 professional textile printer. Special attention was paid to important sectors such as softsignage and textile printing.

To build the best professional inkjet printer for wide textiles, thorough knowledge in various fields is needed.

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 colour management and Rip for digital printing and process technology as well as the workflow.

“ We present the new Raptor 320 textile printer with even more options.

We will advise you at any time.



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

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

All this has been achieved with the new Raptor 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.

Raptor 320



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Raptor 320 professional 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 brilliance colour prints as a result of water-based eco-friendly textile inks.

4–8 colours setup with 8 heads satisfy all your needs; and this up to 320 cm width.

Easy insertion of the fabrics to be printed.



Latest print head technology from Konica-Minolta guarantees perfect prints, fast and reliable.

1. Textile design.
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, should be convenient.
7. Environment-friendly water-based textile inks.

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Technical specifications

Printing speed 2-pass	up to 140 m ² /h with 8 color setup
Printing speed 3-pass	up to 95 m ² /h (Standard)
Printing speed 4-pass	up to 70 m ² /h (High quality)
Printing size	3200 mm
Fabric loading	easy
Material	Usual fabric, knitted and woven fabric for Softsignage and textile
Model of print head	Konica-Minolta KM textile printhead i-type
Number of print heads	8
Colour setup	4 to 8 colours
Ink	Premium Water based / Disperse dye / Reactive dye / Pigment
Ink supply	Automatic with tank
Temperature	18–28 °C
Humidity	40–80 %
Power	230 v 10 A
Dimension LWH	480 x 130 x 152 cm
Weight	840 kg



www.luescher-tschudi.com
Luescher-Tschudi GmbH / Oberdorfstrasse 61
8853 Lachen / Switzerland

hans.luescher@luescher-tschudi.com
werner@luescher-tschudi.com
lars.janneryd@luescher-tschudi.com

Phone +41 79 467 89 88
Phone +41 79 354 89 93
Phone +44 778 535 1399