



3 INK TYPES AVAILABLE

DIRECT OR TRANSFER PRINTING

PRINT SPEED: UP TO **56.4** M²/H

4 / 6 / 8 COLOUR MODE

2 LITRE INK / COLOUR

UNATTENDED CONTINUOUS
PRINTING

Direct or Transfer Large Format Textile Printer

Printing on silk, cotton, polyester, and other fabrics or transfer paper

- Three ink types: reactive dye ink, acid dye ink, and sublimation dye ink
- Printing for a wide range of applications, including textiles, sports apparel, and soft signage (flags, banners, etc.).

MARKET

SIGN GRAPHICS

TEXTILE AND APPAREL

Print Speed

8-/6-colour bidirectional printing with variable dots		
600 x 600 dpi	8 pass	30.4 m ² /h
600 x 900 dpi	12 pass	20.8 m ² /h
900 x 900 dpi	12 pass	15.8 m ² /h

4-colour bidirectional printing with variable dots		
600 x 600 dpi	8 pass	56.4 m ² /h
600 x 900 dpi	12 pass	39.6 m ² /h
900 x 900 dpi	12 pass	30.4 m ² /h

Uninterrupted Ink Supply System (UISS)

When an ink cartridge runs out, another cartridge begins supplying ink and helps prevent running out of ink. A maximum of 4L ink per colour can be loaded at one time. Ink cartridges can be changed during printing.

Specifications	
Media transport system	Grid roller transport
Print head	On-demand piezo head
Ink capacity	8-colour mode: 2 x 2L ink containers per colour (4L/colour) is possible 6-colour mode: 2 x 2L ink containers per colour (4L/colour) is possible 4-colour mode: 4 x 2L ink containers per colour (8L/colour) is possible
Print media	Pre-treated substrates (direct printing) Sublimation transfer paper (transfer printing) *Stretchable substrates that expand when wet is not possible
Media size	Width: 210 - 1,860 mm Thickness: up to 7 mm Roll diameter: up to φ 270 mm Roll diameter inside: 1.5 - 3 inch Roll weight: up to 38 kg
Maximum print width	1,850 mm
Operating environment	Temperature: 15 - 30°C Usable temperature: 20 - 25°C Humidity: 35 - 65% Rh (no condensation) Temperature gradient: below ±10°C/h Dust: general office environment
Power source	Single-phase AC 200 - 240V±10%, below 50/60 Hz ± 1 Hz and 1,500VA
Dimensions (W x D x H)	4,300 mm x 1,550 mm x 1,600 mm
Weight	Below 550 kg (per adjuster one maximum load of 100 kg)
RIP software	Rasterlink Pro 5 TA

Standard accessories	Quantity	Remarks
Power cord	1	Cable length: 4 m
Indication lamp	1	
Sublimation spacer	1	
Waste ink tank	1	Capacity: 10L
Cleaning stick	12	
Paper joining tube	1	
Device driver CD-ROM	1	
Plus driver	1	
Monkey wrench	1	
Hexagonal wrench	1 unit	Opposite side 3 mm and 6 mm
Instruction manual, set-up guide, maintenance guide, accessory list	1	

Applications and Benefits

Textile

- Printing on cotton, silk, and other fabrics.
- Selectable ink volume according to the thickness or design of the substrate, resulting in more vivid and detailed images.
- Bulk ink supply allows for unattended continuous printing.*
- In comparison to screen printing, digital inkjet printing with Tx400-1800D is more environmentally friendly and with almost no waste.

Soft Signage

- Direct sublimation printing on polyester and transfer printing in one machine.
- Beautiful and sharp images can be produced with the newly developed sublimation dye ink which excels in low vapor emission during heating.
- Even when printing on large surfaces, low running costs and ink costs can be realised because the ink volume can be adjusted.

Sports Apparel

- Optical resistance complies to class 5 and washability class 4-5 (**), resulting in the possibility of printing on sports apparel.
- The possibility to do short print runs where different numberings and applications for sports team are required.
- The polyester materials can still breathe after sublimation printing.

* It is not possible to print directly on substrates that expand or contract when wet.

** When using dye sublimation ink (CMYK), as tested by Mimaki.

Optional accessories	Remarks
Print joint tube support	
Dye-sublimation ink container	2L ink container with IC chip
Reactive dye ink container	2L ink container with IC chip
Acid dye ink container	2L ink container with IC chip
Cleaning solvent	1L container
Wiper kit	Set of 10
Cleaning stick	50 units
Cleaning solvent bottle kit A29	For daily maintenance
Exhaust fan filter set	100 units
Absorber set (box)	1 unit
Ink absorber set (wiper)	1 unit
Absorber set (ink wiper)	1 unit

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