



Indoor & Digital Transfer



### High quality dye sublimation printer

The compact DrafStation RJ-900X-U1 (1080 mm - 42.51") is ideal for everyday sublimation printing. The printer is fit for both start-up and established businesses wanting to extend their product portfolio.

You don't need to be an expert to run the DrafStation RJ-900X-U1 printer, as it is very easy to operate and maintain. Competitively priced, RJ-900X-U1 delivers consistent quality for volume production runs as well as short print runs. Continuous printing is made possible by the optional motorised torque-controlled take-up system.

The RJ-900X-U1 model features a variable drop print head with 8 rows of 180 nozzles, allowing output resolutions between 360 x 360 dpi and 2880 x 2880 dpi.

### Product Highlights

- 42" (1080 mm) attractively priced printer
- Piezo variable drop inkjet head (CMYK)
- Worry-free water based inks – free from VOCs
- Space saver design – safe & easy to use

### Application Possibilities

Mutoh's DrafStation RJ-900X-U1 prints on typical > 95 g/m<sup>2</sup> dye sublimation transfer papers, making transfer on a wide range of flexible and rigid polyester materials possible. Explore new revenue opportunities such as high quality in-store textile decoration and displays, textile banners, pop-ups, sportswear, personalised home decoration, gadgets, shirts and many more.





## 42" Dye Sublimation Printer

### Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	1
Nozzle Configuration	180 nozzles x 8 lines
Drop Mass Range (pl)	3.4 to 49.5
Head Heights	Low: 1.2 mm / High: 2.0 mm

### Media Specifications

Max. Media Width	1080 mm (42,51")
Max. Print Width	1074 mm (42,28")
Max. Media Thickness	0.3 mm / 1.3 mm *

\* : Max. media thickness is specified per head height

Media Measurements \*                    Ø 150 mm / 2" & 3" / 19 kg

\* : Standard non-motorised roll-off system / motorised take-up system optional

### Ink Specifications

Ink Type	DS2-series Water-based Universal Transfer Sublimation inks
Ink Volume	1000 ml bottle
Typical Ink Consumption	< 5 ml/m <sup>2</sup> on transfer paper
Ink Colours	CMYK
UV durability	3 to 6 months outdoor
Light fastness - ISO 105-B02(*)	C (5-6) / M (6-7) / Y (6-7) / K (6)
Washing fastness - ISO 105-C02(*)	C (4-5) / M (4-5) / Y (4-5) / K (4-5)
Perspiration fastness - ISO 105-E02(*)	C (4-5) / M (5) / Y (4-5) / K (4-5)

\* : Score Ranges (min-max) : Light 1-8 / Washing 1-5 / Perspiration (1-5)

### Performance

Resolutions	360, 540, 720, 1440 & 2880 dpi
Production Speed Range	2 m <sup>2</sup> /h - 18.5 m <sup>2</sup> /h
Maximum Speed	39.6 m <sup>2</sup> /h

### Power Consumption

During Printing	100 W
In Stand-by	35 W
Power Supply	AC 100-120 V / AC 200-240 - 60/50 Hz

### Recommended Working Environment

Temperature	20°C - 28 °C with Δt: max. 2 °C/h
Humidity	40% - 60 % (no condensation) with ΔRH: max. 5% RH/h

### Machine Measurements

Width x Depth x Height	1772 x 504 x 983 mm
Weight	75.2 kg

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