MUTOH

ValueJet
VJ-1948WX

Indoor & Digital Transfer 〈

Industrial High Quality Dye Sub Printer

The robust & industrial ValueJet 1948WX (1910 mm – 75.19") dye sublimation printer will be a top choice for production oriented customers and businesses looking for a high quality volume printer for intensive use.

Ideal for established businesses looking for a high volume production printer, the compact & surprisingly user-friendly ValueJet 1948WX is suited for your high-end roll-to-roll sublimation needs. The printer will deliver a top speed up to 195 m²/h.

The VJ-1948WX model features 4 variable drop 8-channel print heads mounted in a staggered configuration, allowing a complete range of output resolutions between 360 x 360 dpi and 1440 x 1440 dpi.
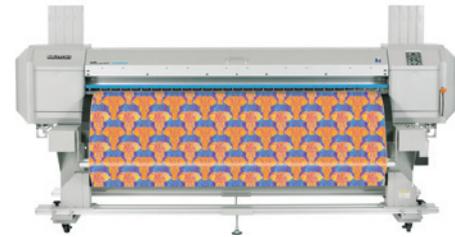
Product Highlights

- Transfer sublimation printing up to 1910 mm (75.19")
- Typical production speeds between 48 & 90 m²/h
- Staggered head setup with 4 latest generation 1440 nozzle print heads
- Incorporated heaters to remove moisture from the output
- Pressure rollers with integrated disable function
- Minimum waste - individual head cleaning
- Environmentally friendly printing
- Mutoh water-based dye sublimation inks

Application Possibilities

Grow your business with high volume dye sub applications such as high quality sportswear, in-store & personalised home textile decoration and deco fabrics, fashion, soft signage, textile banners, sports equipment and solid object decoration (ceramic, metal, wood).

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Made in Japan	Piezo Variable Drop	Intelligent Interweaving	75" Wide	Four Heads

75" Dye Sublimation Printer

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Heads	4 (staggered setup)
Nozzle Configuration	180 nozzles x 8 lines / head
Drop Mass Range (pl)	5.9 - 45.3
Head Heights	Low: 1.5 mm / Middle: 2.5 mm / High: 4.0 mm

Media Specifications

Max. Media Width	1910 mm (75,19")
Max. Print Width	1900 mm (74,80")
Max. Media Thickness	0.3 / 1.3 / 2.8 mm *

* : Max. media thickness is specified per head height

Media Measurements *	Ø 150 mm / 2" & 3" / 100 kg

* : Standard motorised unwinding / winding system

Ink Specifications

Ink Type	DS2-series Water-based Universal Transfer Sublimation inks
Ink Volume	1000 ml bottle
Typical Ink Consumption	< 5 ml/m² 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

Super Fine (1080 x 1080 dpi 9p bi*)	22 m²/h
High Quality (720 x 1080 dpi 6p bi*)	31 m²/h
Quality Production (360 x 720 dpi 4p bi*)	48 m²/h
Production (360 x 1080 dpi 3p bi*)	62 m²/h
Selected Production (360 x 720 dpi 2p bi*)	90 m²/h
Maximum Speed (360 x 360 dpi 1p bi*)	195 m²/h

* : bi : heads print as the carriage moves in both directions

Power Consumption

During Printing Heaters Off	< 600 W
During Printing Heaters On	< 2840 W
Power Supply	AC 100-120 V / AC 200-240 - 60/50 Hz

Recommended Working Environment

Temperature	22°C - 30 °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	2983 x 996 x 1261 mm
Weight	201 kg

Extended dual section heater to remove all moisture from the output before take-up/roll-up

Pressure rollers can be easily and individually disabled to cope with media cockling

Dual staggered head setup / head height up to 4 mm

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