

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.

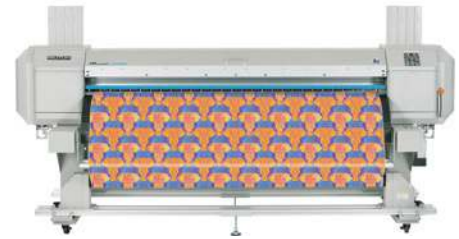
Product Highlights

- 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).





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

*: Max. media thickness is specified per head height

*: 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/m ² 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 m ² /h |
| High Quality (720 x 1080 dpi 6p bi*) | 31 m ² /h |
| Quality Production (360 x 720 dpi 4p bi*) | 48 m ² /h |
| Production (360 x 1080 dpi 3p bi*) | 62 m ² /h |
| Selected Production (360 x 720 dpi 2p bi*) | 90 m ² /h |
| Maximum Speed (360 x 360 dpi 1p bi*) | 195 m ² /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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