



Indoor & Digital Transfer



High Speed Dye Sublimation Printer

The ValueJet 1938WX (1910 mm - 75") high speed sublimation inkjet printer effortlessly delivers a production speed range from 14 to 73 m²/h. Ideally suited for both digital transfer and direct printing on polyester-based fabrics, the VJ-1938WX will be a top choice for production oriented customers!

The VJ-1938WX will print onto the thinnest sublimation papers and incorporates two piezo drop-on-demand print heads mounted in a staggered configuration, offering output resolutions ranging from 360 x 360 dpi up to 1440 x 1440 dpi.

Product Highlights

- Transfer sublimation printing up to 1910 mm (75.19")
- Staggered dual head setup with latest generation 1440 nozzle piezo heads
- Production speed range between 14 & 73 m²/h
- Mutoh water-based dye sublimation inks
- Ideal for production of in-store textile decoration, home textiles, fashion...
- Environmentally friendly printing - high level of operator safety

Application Possibilities

Explore new revenue opportunities such as high quality in-store textile decoration and deco fabrics, fashion as well as sportswear and soft signage.





75" Dye Sublimation Printer

Technical Key Specifications

| | |
|----------------------|--|
| Print Technology | Drop-on-demand Micro Piezo Inkjet Technology |
| Print Head | 2 (staggered setup) |
| Nozzle Configuration | 180 nozzles x 8 lines / head |
| Drop Mass Range (pl) | 3.3 to 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" / 30 kg |

* : Standard non-motorised roll-off 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 9 p) | 14 m ² /h |
| High Quality (720 x 1080 dpi 6 p) | 21 m ² /h |
| Quality Production (360 x 720 dpi 4 p) | 31 m ² /h |
| Production 1 (720 x 720 dpi 4 p) | 37 m ² /h |
| Production 2 (360 x 720 2 p) | 44 m ² /h |
| Speed Production (360 x 360 dpi 2 p) | 53 m ² /h |
| High Speed Production (360 x 360 1 p) | 73 m ² /h |

All indicated speeds are obtained in 2x4 colour set-up and using full print width.

Power Consumption

| | |
|--------------------------------------|--------------------------------------|
| During Printing | 160 W |
| In Stand-by / Sleep Mode / Power Off | 40 W / 20 W / < 1.2 W |
| Power Supply | AC 100-120 V / AC 200-240 - 60/50 Hz |
| Noise (dB) | ± 69.8 (printing) / ± 60.5 (standby) |

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 885 x 1261 mm |
| Weight | 194 kg |

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