



*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 m<sup>2</sup>/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 m<sup>2</sup>/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 <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

Super Fine (1080 x 1080 dpi 9 p)	14 m <sup>2</sup> /h
High Quality (720 x 1080 dpi 6 p)	21 m <sup>2</sup> /h
Quality Production (360 x 720 dpi 4 p)	31 m <sup>2</sup> /h
Production 1 (720 x 720 dpi 4 p)	37 m <sup>2</sup> /h
Production 2 (360 x 720 2 p)	44 m <sup>2</sup> /h
Speed Production (360 x 360 dpi 2 p)	53 m <sup>2</sup> /h
High Speed Production (360 x 360 1 p)	73 m <sup>2</sup> /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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