

ValueJet

ValueJet VJ-1938WX



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.



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Mutoh Belgium - www.mutoh.eu / Mutoh Deutschland - www.mutoh.de
Mutoh North Europe - www.mutohnorth.eu



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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 (mm)	Low: 1.5 / Middle: 2.5 / High: 4.0

Media Specifications

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
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* : Standard non-motorised roll-off system

Performance

Super Fine (1080 x 1080 dpi 9 p)	14.0 m ² /h
High Quality (720 x 1080 dpi 6 p)	21.0 m ² /h
Quality Production (360 x 720 dpi 4 p)	31,0 m ² /h
Production1 (720 x 720 dpi 4 p)	37,0 m ² /h
Production2 (360 x 720 dpi 2 p)	44,0 m ² /h
Speed Production (360 x 360 dpi 2 p)	53,0 m ² /h
High Speed Production (360 x 360 1 p)	73,0 m ² /h

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

Ink Specifications

Ink Type	DS2 Universal Sublimation ink for transfer & direct printing			
Ink Volume	1000 ml			
Ink Colours	CMYK			
Ink Consumption Average	8.5 ml / m ²			
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

Power Consumption

During Printing	160 W
Standby/Sleep/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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The machines depicted do not necessarily show a standard configuration.