MUTOH

ValueJet
VJ-1638WX

Indoor & Digital Transfer

High Speed Dye Sublimation Printer

The ValueJet 1638WX (1625 mm - 64") high speed, high volume sublimation inkjet printer effortlessly delivers sellable production speeds from 42 to 65 m^2/h. Ideally suited for users requiring speed who also put high quality at the top of their wish list!

The fastest printer in its price range, the VJ-1638WX will print onto the thinnest sublimation papers and incorporates a staggered dual head setup with latest generation 1440 nozzle piezo heads, offering output resolutions ranging from 360 x 360 dpi up to 1440 x 1440 dpi.

Product Highlights

• Transfer sublimation printing up to 1625 mm (63.97")
• Staggered dual head setup with latest generation 1440 nozzle piezo heads
• Production speeds between 42 & 65 m^2/h
• Mutoh water-based dye sublimation inks
• Ideal for production of soft signage, sportswear, gadgets...
• Environmentally friendly printing - high level of operator safety

Application Possibilities

Explore new revenue opportunities such as high quality in-store textile decoration and displays, promotional carpets, textile banners, pop-ups, sportswear, personalised home decoration, gadgets, shirts and many more.
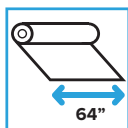
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Made in Japan	Piezo Variable Drop	Intelligent Interweaving	64" Wide	Dual Head

64" 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)	5.9 to 45.3
Head Heights	Low: 1.5 mm / Middle: 2.5 mm / High: 4.0 mm
Colour Set-up	2x4 CMYK (speed set-up) or 8 colour (gamut set-up)

Media Specifications

Media Width	900 mm (36.8") - 1625 mm (63,97")
Max. Print Width	1615 mm (63,58")
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	

Performance

Speed	Details	Description
11 m²/h	1080 x 1080 dpi 9 p	High Quality - Super Fine
25 m²/h	720 x 720 dpi 4 p	Quality
42 m²/h	360 x 720 dpi 2 p	Production
50 m²/h	360 x 360 dpi 2 p	Speed Production
65 m²/h	360 x 360 1 p	High Speed Production

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

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)	

Power Consumption

During Printing	200 W
In Stand-by / Sleep Mode / Power Off	38 W / 30 W / < 3.8 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	2698 x 885 x 1261 mm
Weight	219 kg

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