



Made in
Japan

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INDOOR AIR COMFORT
eurofins
CERTIFIED PRODUCT



DropMaster

Eco Ultra/
UMS

Unrivalled Print Quality & Ease of Use

Discover the all new ValueJet 1624X sign & display printer (1625 mm – 64"), successor of Mutoh's best-selling ValueJet 1624. The new single head VJ-1624X delivers **unrivalled print quality** thanks to its high-precision mechanical design, latest piezo inkjet head technology and an **unprecedented level of ease of use!**

Robustly built, ValueJet 1624X delivers **sellable production speeds up to 20.5 m²/h** and will meet the needs of established sign makers who need extra versatility and of larger operations wishing to extend their capacity and flexibility. VJ-1624X will produce **best-in-class speed and the highest levels of quality** to satisfy your customers with output which will simply stand out and make heads turn.

Product Highlights

- Compact printer, featuring proven technology, made in Japan
- Extreme quality & sharpness at all production speeds and for all media thicknesses
- Mutoh Intelligent Interweaving (i2) & DropMaster technology inside
- Two ink types - Eco Ultra and Universal Mild Solvent
- Suited for the production of certified prints – Indoor Air Comfort
- Sellable production speeds up to 20.5 m²/h

Application Possibilities

The VJ-1624X is suited for the production of long term outdoor and indoor prints on a wide range of uncoated and coated substrates : posters, backlit signage, wall coverings, point-of-sale displays, fine art reproduction, vehicle graphics, stickers and much more.



> Sign & Display



64" Sign & Display Printer

SPECIFICATIONS

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	1
Nozzle Configuration	180 nozzles x 8 lines
Drop Mass Range (pl)	3.5 to 35.2
Head Heights (mm)	Low : 1.5 / High : 2.5

Media Specifications

Max. Media Width	1625 mm (63,97")
Max. Print Width	1615 mm (63,58")
Max. Media Thickness	0.3 / 1.3 mm *
*: Max. media thickness is specified per head height	
Media Measurements *	Ø 150 mm / 2" & 3" / 30 kg
*: Standard non-motorised roll-off system	
Media Drying System	Individually & intelligently* controlled pre-heater, fixer & dryer (30 - 50 °C)

*: Slowest heater starts first taking into account all target temperatures

Ink Specifications

Ink Types	Eco Ultra / UMS*
*: Prints made with Mutoh UMS inks on Graftyp GEF non pvc film have obtained an indoor air comfort certificate issued by Eurofins. The first European certificate for interior deco prints	
Ink Volume	220 ml & 440 ml & 1000 ml* / 440 ml & 1000 ml
*: 1000 ml bag requires optional adapter	
Ink Colours	CMYK
Ink Consumption *	8 ml / m ²
*: Average ink consumption graphics at @ 720 dpi - coverage of 67 %	
UV durability - without lamination	3 years outdoor *
*: For heavy duty applications where mechanical stress is involved, lamination is required. Stabilisation is required prior to lamination.	

Performance

Description	Details	Head Speed	i2 Print Effect	Speed
High Quality	720 x 1440 8p	Slow	HQ	5.0 m ² /h
Quality	720 x 1080 6p	Slow	HQ	7.5 m ² /h
Quality Production	720 x 1080 6p	Fast	HQ	10 m ² /h
Production	720 x 720 4p	Fast	HQ	14.5 m ² /h
Speed Production	720 x 720 4p	Fast	SPEED	20.5 m ² /h
Billboard	360 x 720 2p	Slow	OFF	29.1 m ² /h

Power Consumption

During Printing	< 600 W
In Stand-by	45 W
Warming Up	≤ 1100 W (main) & ≤ 1200 W (heat)
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	2698 x 885 x 1261 mm
Weight	160 kg