



Made in Japan

i²

INDOOR AIR COMFORT
eurofins
CERTIFIED PRODUCT

DropMaster

Eco Ultra/
UMS

High Quality & High Speed Production Printer

Discover the all new ValueJet 2638X sign & display printer (2600 mm – 102"). The new dual head VJ-2638X delivers unrivalled print quality thanks to its high-precision mechanical design, latest piezo inkjet head technology and an **unprecedented level of print automation!**

Flexible, reliable and able to deliver excellent print quality for volume production, the printer addresses the needs of businesses focusing on both high speed production and top quality print work. The VJ-2638X is ideal for established sign makers who need extra versatility and for larger operations that want to extend their capacity and flexibility. A ValueJet 2638X will deliver best-in-class speed and superior print quality at sellable production speeds up to 39 m²/h.

Product Highlights

- Robust printer, featuring proven technology, made in Japan
- Staggered dual head setup with latest generation 1440 nozzle piezo heads
- Extreme print quality & sharpness at all production speeds
- Mutoh Intelligent Interweaving (i²) & DropMaster technology inside
- Super high resolution prints at 22 m²/h (720 x 1080 dpi)
- Production speeds including 33 and 39 m²/h @ 720 x 720 dpi
- Durable prints on coated & uncoated substrates – exterior durability up to 3 years

Application Possibilities

The VJ-2638X is suited for the production of a wide variety of outdoor and indoor prints : long-term outdoor posters, billboards, building announcements, signs and banners, backlit signage, POS displays, vehicle graphics, fine art reproduction, posters, etc.





102" Sign & Display Printer

SPECIFICATIONS

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)	3.6 to 35.2
Head Heights (mm)	Low : 1.5 / Middle: 2.5 / High: 4.0

Media Specifications

Max. Media Width	2600 mm (102,36")
Max. Print Width	2590 mm (101,97")
Max. Media Thickness	0.3 / 1.3 / 2.8 mm *
* : Max. media thickness is specified per head height	
Media Measurements *	Ø 250 mm / 2" & 3" / 100 kg
* : Standard motorised unwinding / winding system	
Media Drying System	Individually controlled pre-heater, fixer & dryer (30 - 50 °C)

Power Consumption

During Printing	< 1000 W
In Stand-by	160 W
Warming Up	≤ 1300 W (main) & ≤ 2 x 1300 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	3708 x 885 x 1261 mm
Weight	283 kg

Ink Specifications

Ink Types	Eco Ultra / UMS*
* : Prints made with Mutoh UMS inks on GrafiTyp 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 @ 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	12 m ² /h
Quality	720 x 1080 6p	Slow	HQ	16 m ² /h
Quality Production	720 x 1080 6p	Fast	HQ	22 m ² /h
Production	720 x 720 4p	Fast	HQ	33 m ² /h
Speed Production	720 x 720 4p	Fast	SPEED	39 m ² /h
Billboard	360 x 720 2p	Slow	OFF	48.3 m ² /h

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