

Eco-Solvent Series Printers

LARGE FORMAT INKJET PRINTER
ValueJet

MUTOH

Creation, we make it happen ...

Eco-Solvent Series Printers

VJ-1638/VJ-1624/VJ-1324



Eco-Solvent Series Printers, featuring cutting-edge print technology and precision engineering for a surprisingly affordable price.



VJ-1638

VJ-1324

VJ-1624

Eco-Solvent Series Printers

LARGE FORMAT INKJET PRINTER
ValueJet™

Eco-Solvent Series Printers, featuring and precision

1.3m Single Head Eco-Solvent Printer

VJ-1324

With the amazing ValueJet 1324 from Mutoh, you get a high-performance 54" Eco-Solvent printer featuring cutting-edge print technology and precision engineering for a surprisingly affordable price.



1.6m Single Head Eco-Solvent Printer

VJ-1624

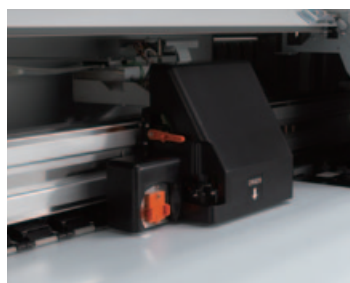
The best just got better. The ValueJet 1624 prints up to a blazing 30m²/h giving you a remarkable printer that is second to none. The Eco-Solvent ValueJet 1624's technological advancements set a new standard for large-format printers. Utilizing an all new state-of-the-art print head, this exciting ValueJet gives you unsurpassed print speeds for a printer in this price range.



1.6m Double Head Eco-Solvent Printer

VJ-1638

Increase your productivity today with the 1638 high speed printer from Mutoh. With its staggered dual head print technology you can now print the jobs of two or three printers using just one ValueJet 1638 printer. The 1638 is a four color (C, M, Y, K) Eco-Solvent printer that produces beautiful, brilliant prints up to 20m²/h in Banner Production mode and up to a blazing 48m²/h in Banner Draft mode. The 1638 is by far the fastest printer in its price range.

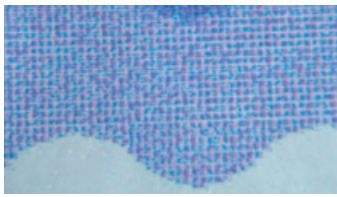


Introducing cutting-edge print technology on engineering for a surprisingly affordable price.

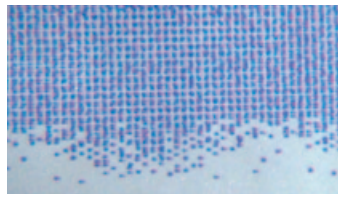
The key features of the Eco-Solvent Series Printers.

Newly Designed Printhead

The large dot gain can be achieved by the newly designed printhead. This technology will raise the print speed by average 30% compared to the previous models. The improved wave print technology of FUZZ and FOG will minimize the horizontal banding.

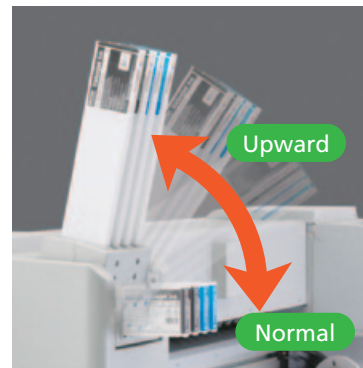


Wave print technology



FOG print technology

Cartridge Holder



The cartridge holder can face upward to save the space of working site.

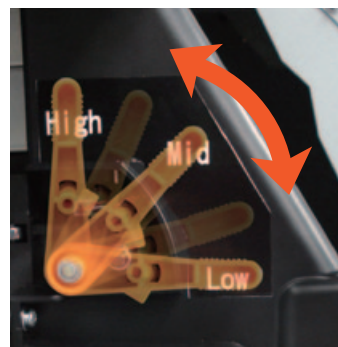
VM-10 Spectrovue (Option)

Spectrovue (VM-10) is the color measuring device mounted onto the carriage of printer as an optional tool.



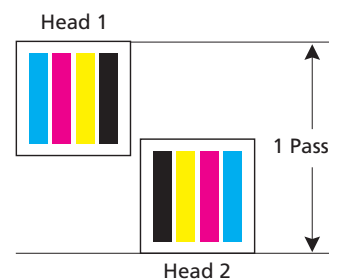
3 Steps Head Height Adjustment of VJ-1638

3 steps head height adjustment is available as Low:1.5mm, Middle:2.5mm, and High:4.0mm.



Double Printheads of VJ-1638

The newly designed double printheads are placed by staggered alignment. This alignment will raise the print speed by average 60% compared to the standard model VJ-1624.



The Eco-Solvent Series Printers are used for various application !!



Car Wrapping



Indoor Application



Outdoor Application

Specification

Model		VJ-1638	VJ-1624	VJ-1324
Printer Technology		Drop-on-demand Micro Piezo Inkjet Technology		
Print Head Nozzle Configuration		180 nozzles × 8 lines × 2 Heads	180 nozzles × 8 lines	
Print Head Height Adjustment		1.5 mm / 2.5 mm / 4.0 mm	1.5 mm / 2.5 mm	1.2 mm / 2.0 mm
Ink Cartridge	Ink Types	MUTOH ValueJet Eco-Solvent Ultra 3A Inks		
	Ink Color	4 colors (C, M, Y, K)		
	Capacity	220 ml / 440 ml / 1,000 ml Cartridge (±5%)		220 ml /1,000 ml Cartridge (±5%)
Maximum Media Width		1,625 mm	1,371 mm	
Minimum Media Width		900 mm	500 mm	
Media Thickness		0.3 mm ~ 2.8 mm	0.3 mm ~ 1.3 mm	
Maximum Roll Media Weight & Media Core Diameter		30 kg / φ150 mm (3 inches scroller)		19 kg / φ150 mm (3 inches scroller)
Maximum Print Width		1,615 mm	1,361 mm	
Maximum Print Length (※1)		200,000 mm		
Print Margin		5 mm (front) / 5 mm (Back) / 5 ~ 25 mm (Left / Right)		0.3 mm (front) / 5 mm (Back) / 5 ~ 25 mm (Left / Right)
Print Modes		Quality1-4 / Graphic1-2 / Banner 1-4	Quality1-4 / Graphic1-4 / Banner 1-4	
Print Resolutions		1440 dpi / 720 dpi / 360 dpi		
Maximum Production Speed (※2)		48 m²/h	30 m²/h	28 m²/h
Heating System		Pre-heater / Platen-heater / After-heater		
Interface		Ethernet 100BASE-TX/10BASE-T		
Printer Language		MH-RTL pass		
Memory		256 MB	128 MB	
Power supply		AC100-240 ±10% (50/60 Hz)		
Power Consumption	Power OFF	3.8 W		
	Operation	1100 W (Main) / 1200 W (Heater)		
Noise Level		69.8 dB	67.7 dB	
Operating Environment		Temperature 20 ~ 32℃ / Humidity 40 ~ 60% (no condensation)		
Certification		MET (USA) , CE (EU) , FCC (USA) , VCCI (Japan) , RoHS (EU) , CB REPORT		
Dimensions (W×D×H) mm		(W) 2,698 × (D) 885.5 × (H) 1,261	(W) 2,698 × (D) 885.5 × (H) 1,261	(W) 1,916 × (D) 685 × (H) 1,218
Printer Weight	Body	187 kg	126 kg	61 kg
	Stand	34 kg	34 kg	21 kg
Packing Dimension	Body	2,880 × 1,150 × 851 mm / 283 kg	2,880 × 1,150 × 851 mm / 247 kg	2,035 × 765 × 585 mm / 96 kg
	Stand	2,177 × 395 × 250 mm / 38 kg	2,177 × 395 × 250 mm / 38 kg	1,510 × 435 × 260 mm / 24 kg
Option		1,000ml Cartridge Adapter VJ-HCIPADPT, Cutter Blade VJ-CB, Spectrovue VM-10, White Reference VM-WRP		
		Take-up System VJ-16TUP30 (30 kg) Feed / Take-up System VJ-16TUP80 (80 kg)		Take-up System VJ-13TUP20 (20 kg)

(※1) Maximum Print Length varies with the conditions such as print data size, computer, application software, interface.

(※2) All print speed vary with the conditions such as print mode(wave, fine wave, super fine wave, fuzz), print data size, computer, application software, and interface.

Compatible Inks

Eco-Solvent Ultra 3A Ink - original standard ink -

Eco-Solvent Ultra 3A is the newly designed eco-solvent ink to achieve the speedy printing. Its outdoor durability is almost 2 years and it shows the strong resistance to scratch.

220ml and 440ml ink cartridges are available. Also, 1liter ink pack is available with the optional adapter.



Lite-Solvent VJ-1 Ink - original economy ink -

Lite Solvent VJ-1 is the newly designed lite-solvent ink to achieve the high cost performance. It appeals the characteristic of shorter drying time than Eco-Solvent ink, and its outdoor durability performs as well as Eco-Solvent. 220ml and 440ml ink cartridges are available.



Compatible Cutter

ValueCut series cutters

ValueCut series cutters are the Mutoh's original cutters to provide the easy solution for your print and cut business together with the ValueJet series printers.



Specification

Model	VC-1800	VC-1300	VC-600
Maximum Media Width	1,900 mm	1,594 mm	770 mm
Maximum Cutting Width	1,830 mm	1,320 mm	610 mm
Maximum Cutting Speed	1,530 mm/s		
Maximum Cutting Pressure	600 g		
Power Supply	AC100-240 ±10% (50/60 Hz)		
Dimensions (W×D×H) mm	(W) 2,170 × (D) 750 × (H) 1,166	(W) 1,754 × (D) 667 × (H) 1,166	(W) 930 × (D) 490 × (H) 414
Cutter Weight	105 kg	61 kg	37.2 kg

<http://www.mutoh.co.jp/en/>



Safety Precautions

Before the use of our products, please read the entire Operations Manual to ensure safe operations.

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MUTOH
MUTOH INDUSTRIES LTD.

TEL:+81-3-6758-7020
FAX:+81-3-6758-7021
E-mail: ibd@mutoh.co.jp

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