



Specialty / Industrial



PerformanceJet 2508UF LED UV Printer

The PerformanceJet 2508UF is Mutoh's first true large format 1250 x 2540 mm (4' x 8') LED-UV flatbed printer with moving gantry. It combines a set of powerful features to maximise your productivity: 4 multi-drop greyscale high performance print heads mounted in a staggered setup, media thicknesses up to 100 mm (4") and a maximum substrate weight of 50 kg/m², a print bed with multiple vacuum zones in different sizes, an automatic media registration pin system and last but not least expandability to 6 print heads, allowing the printer productivity to grow with your needs.

Offering you all the benefits of UV LED technology, the PerformanceJet 2508UF is the ideal choice to boost your performance and to offer you access to premium-margin jobs and high value output using the white and clear colour combinations. A preferred choice for printers looking for high quality, precision, added value specialty prints, productivity and an attractive environmental footprint.

Product Highlights

- 1250 x 2540 mm (4'x8') flatbed LED UV printer
- Variable drop greyscale print heads
- Media thickness up to 100 mm (4")
- Media weight up to 50 kg / m²
- Low energy consumption and low temperatures, ideal for heat sensitive materials
- Print bed with multiple vacuum zones
- Automatic media registration pin system for multi panel jobs & double sided prints
- Vacuum bed blowing function for easy media positioning
- Edge-to-edge borderless printing

Application Possibilities

Suited for the production of directional signage, fine art prints, tradeshow graphics, POP prints, retail signage, packaging samples, etc.. , the PerformanceJet 2508UF will quickly expand a print professional's production capabilities and product offerings.





4' x 8' LED UV Flatbed Printer

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology		
Print Head Possibilities	4 greyscale print heads included as standard. Expandable to 6 heads		
		4-Heads	6-Heads
	Speed CMYK	V	X
	CMYK + White	X	V
	CMYK + Wh + Va	V	V
	V: supported - X: not available		
Indicative Production Speeds (600 x 900 dpi)	• CMYK print (4 heads loaded with CMYK + Wh + Va):		10 m ² /h
	• CMYK print (6 Heads or 4 heads CMYK only):		20 m ² /h
Nozzle Configuration	4 x 320 (1280) nozzles per head – 2 colour channels per head		
Drop Mass Range	7, 14, 21 pl		
Print Resolutions*	600 x 300, 600 x 600, 600 x 900, 600 x 1200 dpi		
Max. Media Size	1250 mm x 2540 mm (4' x 8') (flatbed)		
Max. Print Size	1250 mm x 2540 mm (4' x 8') (flatbed)		
Max. Media Thickness	100 mm / 4" (with automatic media thickness detector)		
Max. Media Weight	50 kg/m ²		
Anti-Static Equipment	Static electricity suppression on the print carriage is standard		
Crash Detection	Standard		
UV lamps	LED-UV: 2 pcs.		
Inks	Type	LED-UV ink (Hard)	
	Colour options	4 colours (C, M, Y, K) – 4 head set-up only 5 colours (C, M, Y, K, White) – 6 head set-up only (White channels are double vs. CMYK) 6 colours (C, M, Y, K, White, Varnish) – 4 head or 6 head set-up	
	Amount	1.500 ml tank	
Data Interface	USB3.0		
Supply Voltage / Power	Main: 220-240 VAC, 50/60 Hz, 25A – 5,5 kW		
Compressed Air	Oil free compressed air – 10 litres/min – 4 Bar (0.4 MPa)		
Printer Size (in mm)	4740 (W) x 2000 (D) x 1440 (H)		
Printer Weight	1200 kg		
RIP Software Support	Drivers are available in SAI FlexiSIGN & PRINT, Onyx and Caldera (RIP software is optional)		

*Actual Print Resolutions are 605 x 300, 605 x 600, 605 x 900, 605 x 1200 dpi