

MUTOH

Creation, we make it happen...

ValueJet

ValueJet Water Based Series



1371.5 mm (54") & 1625 mm (63.97") wide printers

Drop-on-demand 1440 dpi variable drop piezo print head

Worry-free water based inks

Intelligent Interweaving printing technique inside

Space saver design - safe & easy to use





Mutoh's ValueJet water based series of printers, for roll-to-sheet and roll-to-roll printing, are targeted at businesses focusing on production of high quality graphics for indoor and short term outdoor use.

The printers incorporate a variable drop print head, featuring 8 rows of 180 nozzles, allowing output resolutions up to 1440 dpi. The incorporated WavePrint technology enables effortless production of high quality impeccable prints.

Mutoh C, M, Y, K, dye and pigmented water based inks are free of VOCs and do not require forced ventilation. The inks offer a wide colour gamut, superior line output and sharp edges, which will vastly improve the image's appearance. Whereas Mutoh dye based inks are suited for interior prints, Mutoh pigmented inks are ideal for long-term indoor graphics as well as for short term outdoor applications.

For roll-to-sheet printing, a horizontal cutter will automatically sheet off finished prints from the media roll. For continuous roll-to-roll printing, various optional motorised winding and unwinding systems for media rolls up to 100 kg are available.

Printer Specifications	ValueJet VJ-1304W	ValueJet VJ-1604W
Maximum Media Width	1371.5 mm / 54"	1625 mm / 64"
Maximum Printing Width	1355.5 mm / 53.36"	1615 mm / 63.58"
Media Thickness	0.01 - 0.3 mm	
Media Diameter / Core	150 mm / 3"	
Maximum Media Weight	19 kg	30 kg
Motorised Unwinding / Winding Systems (optional)	30 kg winder unit	30 kg winder unit 100 kg unwinder/winder unit
Maximum Printing Length	18 m	
Production Speed Range	3.3 m ² /h – 13 m ² /h	3.3 m ² /h – 15 m ² /h
Top Engine Speed	14 m ² /h	18.3 m ² /h
Colour Channels	4 colour channels – 4 process colour output	
Ink Type	Dye & Pigmented ink (CMYK) – 220 ml cassettes	
Head / Nozzle Configuration	1 head / 180 nozzles x 8 lines = 1440 nozzles	
Print Resolutions	540 x 720 dpi, 720 x 720 dpi, 1440 x 720 dpi & 1440 x 1440 dpi	
Print Engine Working Environment	Temperature: 20 °C – 32 °C (Δmax 2 °C/h) Relative Humidity 40 % RH – 60 % RH (Δmax 5% RH/h - no condensation)	
Dimensions (WxDxH)	1905 x 685 x 1218 mm	2698 x 845 x 1262 mm
Weight (printer + stand)	80.3 kg	173 kg
Power Consumption - Operation	135 W	150 W
Power Consumption - Lower Power mode	20 W	71 W

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