

MUTOH

Creation, we make it happen ...

ValueJet

1608 hybrid printer

A versatile high definition printer



- ✔ *64" (1625 mm) rigid and roll-to-roll printer*
- ✔ *Non petro-chemical based ink : made from corn*
- ✔ *High quality printing onto a wide range of uncoated substrates*
- ✔ *1760 ml ink autonomy per colour*
- ✔ *Mutoh's Intelligent Interweaving print technology inside*
- ✔ *New generation 'wide model' 1440 dpi variable dot piezo print head*





ValueJet 1608 hybrid printer

Mutoh's ValueJet 1608 hybrid printer uses newly developed vegetable origin inks for printing onto a wide range of uncoated rigid materials (acrylic glass, aluminium sandwich board, foam board, ceramics, wood, cardboard, ABS, ...) and flexible substrates (non-PVC & PVC based self-adhesive media, recyclable fibre based paper, banner PET, PP...).

The ValueJet Hybrid is specifically targeted at starting-out as well as established print businesses for small lot production and panel creation for close viewing distances.

The 64" (1625 mm) wide printer incorporates Mutoh's breakthrough Intelligent Interweaving technology and a new generation variable drop "wide model" 1440 nozzle print head to deliver high quality outputs up to 1440 dpi.

ValueJet 1608 hybrid integrates a dual media drying system : three built-in heating elements inside of the printer body for roll media and Mutoh's proprietary heated "air knife system" next to the print head, allowing quick drying of rigid prints.

The printer allows printing onto rigid materials up to 10 mm thickness with a maximum weight of 5 kg and has an automatic media thickness detection feature. Conversion from rigid to roll mode or vice versa only takes a minute. The machine offers 8 ink channels (2x4 CMYK). Inks are offered in 880 ml bulk ink packs, resulting in an ink autonomy of 1760 ml per colour.

Printer specifications

Technology	Drop-on-demand Micro Piezo Inkjet Technology Variable drop mass output between 3.5 ng and 21 ng	
Print Resolutions	540 x 720 dpi, 720 x 720 dpi, 1440 x 720 dpi, 1440 x 1440 dpi	
Maximum Media Width Rigid & Roll	1625 mm	
Maximum Print Width Rigid & Roll	1615 mm	
Speed Indication Rigid (540 x 720 dpi)	up to 8 m ² /h	
Speed Indication Roll (720 x 720 dpi)	up to 9 m ² /h	
Rigid Media	Thickness	Range : 0.01 - 10 mm
	Weight	Maximum load: 5 kg
Roll Media	Thickness	Recommended: 0.01 - 0.3 mm Up to 1 mm (no long fibres, no cockling)
	Diameter / Core	maximum: 150 mm / 2" or 3"
	Weight	T-winder30 + roll media holders - maximum 30 kg Unwinder/Winder 100 - maximum 100 kg
Colour Channels	8 colour channels - 4 colour output	
Inks	Newly developed vegetable origin inks - 4 colours CMYK	
Ink Capacity	2 ink packs of 880 ml per colour	
Head / Nozzle Configuration	180 nozzles x 8 lines = 1440 nozzles	
Print Modes & Panel Control Options	Uni & Bi-directional output, Intelligent Interweaving (i ²), Origin Control	
LCD Display	Backlight LED - 1 line x 20 characters	
Interface	TCP/IP Ethernet 100BASE-TX/10BASE-T	
Memory	128 MB DIMM (SDRAM)	
Dual Drying System	Rigid/Roll	Integrated heated air-knife system
	Roll	Pre-Heater, Fixer & Dryer : [30 – 50°C]
Environmental conditions	Temperature	20 – 32 °C (Δt: max. 2°C/h)
	Humidity	40 – 60 % (ΔRH: max. 5%RH/h) (no condensation)
Space requirements	2800 x 3000 x 1300 mm	
Utilities	Power: 2250 W - 100-120V / 220-240V, 60/50Hz	
	Compressed Air: 0.2 MPa – 60 L/min	

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