

ValueJet

ValueJet VJ-1626UH



All-round 64" LED-UV Printer for Roll & Rigid Media

The ValueJet VJ-1626UH is Mutoh's first Specialty/Industrial wide-format LED-UV printer. 64" (165 cm) wide, the VJ-1626UH hybrid printer will deliver high quality prints on a huge variety of roll and rigid media, including ABS, Alu-board, PC, PE, PET, PMMA (acrylic), PP, PS, PVC, uncoated Tyvek® and glass. The VJ-1626UH allows printing on a wide array of clear media for graphics that stand out. With layers of varnish, you can create special gloss patterns.

An energy-efficient latest generation LED UV lamp ensures ultra-sharp, safe & ready to use prints. Its reduced working temperatures also allow printing onto heat sensitive substrates. Compared to "classic" UV printing, Mutoh LED UV technology provides you all state-of-the-art health & safety and environmental benefits: no ozone generation, free of mercury and lead. Moreover, Mutoh's new LED UV inks and varnish are completely VOC-free and do not contain any hazardous air pollutants (non-HAP).

Product Highlights

- 1625 mm (64") wide LED UV rigid & roll-to-roll printing
- C, M, Y, K LED UV inks - optional white & varnish for a luxurious or specialty finish
- Output is immediately ready to handle
- Low energy consumption and low temperatures, ideal for heat sensitive materials
- 0% VOC - non-HAP - no outgassing of prints - no mercury - no lead
- Mutoh Intelligent Interweaving print technology (i²) - Dedicated "UV-weaving"

Application Possibilities

The ValueJet VJ-1626UH will produce high quality graphics for short viewing distances such as trade show graphics, POP, customised interior decoration, small lot packaging prototypes, banners, posters, etc.



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Mutoh Belgium - www.mutoh.eu / Mutoh Deutschland - www.mutoh.de
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64" (165 cm) Wide Hybrid LED UV Printer

SPECIFICATIONS

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	1
Nozzle Configuration	180 nozzles x 8 lines
Drop Mass Range (pl)	3.8 to 28
Head Height	Automatic *
* : Media thickness is measured electronically and the head height is automatically adjusted	
LED UV lamp life	14.250 hours

Roll Media Specifications

Min./Max. Media Width	182 mm (7,17") / 1625 mm (63,97")
Max. Print Width	1615 mm (63,58")
Max. Media Thickness	15 mm
Media Measurements *	Roll: Ø 150 mm / 2" & 3" / 30 kg
* : Standard non-motorised roll-off system	
Ink Drying System	Long life LED UV curing lamp

Rigid Media Specifications

Min./Max. Media Width	182 mm (7,17") / 1625 mm (63,97")
Max. Print Width	1615 mm (63,58")
Max. Media Length	1200 mm (47,24")
Max. Media Thickness	15 mm
Max. Media Weight	15 kg
Ink Drying System	Long life LED UV curing lamp

Ink Specifications

Ink Type	LED-UV inks
Ink Colours / Volume	CMYK + Varnish 220 ml cassette / 800 ml bag* White - 220 ml cassette / 500 ml bag*

* : 800 ml / 500 ml bag requires optional adapter

Ink Setup	CMYK (CCMMYK) CMYK + White + Varnish (CMYK+Wh+Va)
Compatibility	ABS, Alu Board, glass, PC, PE, PET, PES, PMMA (acrylic), PP, PS, PVC, Tyvek® *

* : Ink adhesion will vary among media type and brand. Individual testing is required in function of your specific application.

Speed Performance in m²/h

Print Mode	4 Colour		6 Colour	
	CMYK	CMYK Only	White Only	Layer Print*
1440 x 1440 Uni	1,34	0,56	1,34	0,38
1440 x 1440 Bi	2,43	1,03	2,43	0,69
720 x 1440 Uni	2,70	1,27	2,70	0,73
720 x 1440 Bi	4,88	2,31	4,88	1,33
720 x 1080 Bi	6,45	3,28	6,45	1,67
720 x 720 Bi	9,50	4,88	9,50	2,65

* : CMYK + white + varnish

Power Consumption

During Printing	< 318 Watt
In Stand-by	55 W
Power Supply	AC 100-120 V / AC 200-240 - 60/50 Hz - ≤ 4.0 A / ≤ 2.0 A

Recommended Working Environment

Temperature	20 °C - 32 °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	2698 x 818 x 1261 mm (roll)
Width x Depth x Height	2698 x 2730 x 1261 mm (rigid)
Weight	202 kg (roll) - 288 kg (rigid)

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