



ValueJet VJ-1638UH



## Dual Head LED-UV Hybrid Printer for Roll & Rigid Media

The ValueJet VJ-1638UH is Mutoh's fastest Specialty/Industrial wide-format LED-UV printer. 64" (165 cm) wide, the VJ-1638UH Hybrid printer will deliver high quality prints on a huge variety of rolls and rigid media, including ABS, Alu-board, PC, PE, PET, PMMA (acrylic), PP, PS, PVC, uncoated Tyvek and glass. The VJ-1638UH allows printing on a wide array of clear media for graphics that stand out. With layers of varnish, you can create special gloss patterns.

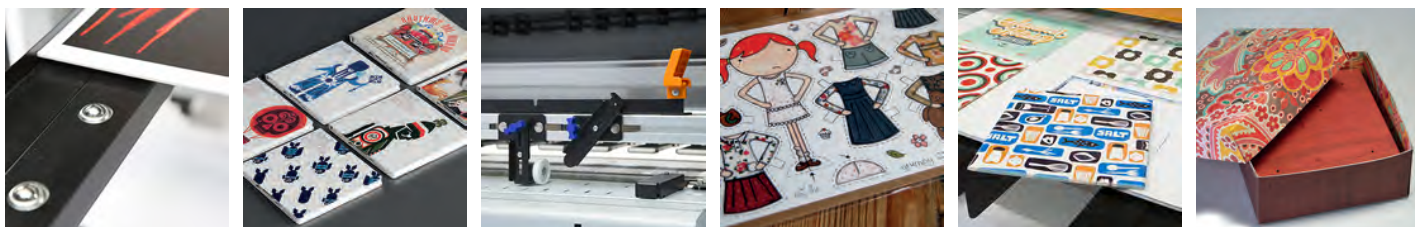
The staggered dual print heads design provide high print speeds and the dual UV lamps, on both side of the print heads, provide exceptional curing time allowing for higher production capacity. Compared to "classic" UV printing, Mutoh LED UV technology provide you all state-of-the-art health & safety 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-1638UH 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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## 64" (165 cm) Wide Hybrid LED UV Printer

## SPECIFICATIONS

### Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	2 (Staggered)
Nozzle Configuration	180 nozzles x 8 lines x 2 heads
Minimum Droplet Size	3.7 pl
Head Height	Automatic*
*: Media thickness is measured electronically and the head height is automatically adjusted	
LED UV lamp life	14.250 hours

### 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 (CMMYK) 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.

### Recommended Working Environment

Temperature	20 °C - 32 °C with $\Delta t$ : max. 2 °C/h
Humidity	40 % - 60 % (no condensation) with $\Delta RH$ : max. 5 % RH/h

### Machine Measurements

Width x Depth x Height	2972 x 813 x 1270 mm (roll)
Width x Depth x Height	2972 x 2718 x 1270 mm (rigid)
Weight	202 kg (roll) - 288 kg (rigid)

### 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