



Dual Head LED UV Printer for Flex & Rigid Media

The ValueJet VJ-1638UH is a dual head LED UV hybrid printer delivering increased print & cure performance. 165 cm (64") wide, the VJ-1638UH is all about versatility; it is the ideal tool to expand your business with the widest possibility of commercial print applications. The printer accommodates 1625 mm (63.97") roll media up to 30 kg as well as rigid boards up to 1625 mm x 1200 mm (63,97" x 47,24") up to 15 mm thick and up to 15 kg.

This printer will enable you to maximise your creativity! Next to CMYK, the VJ-1638UH also can be set-up with varnish and white to handle transparent or non-white substrates without losing colour power or to create special print effects and multi-layer printing for graphics with high added value.

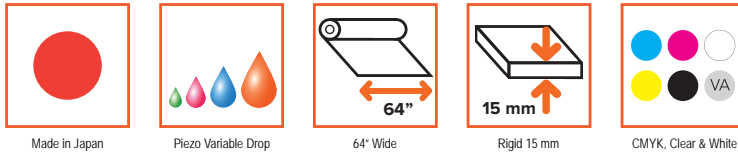
Product Highlights

- 1625 mm (63.97") wide LED UV roll as well as rigid printing
- C, M, Y, K LED UV inks – Optional White & Varnish
- Prints come out dry and ready to finish or deliver
- Low energy consumption – Low heat generation, ideal for heat sensitive media
- 0% VOC - non-HAP - no air purifier needed
- Automatic media thickness measurement & head height adjustment

Application Possibilities

High quality graphics for short viewing distances such as trade show graphics, POP & retail signage, backlit banners, individualised wallpaper & interior decoration, small lot packaging prototypes, banners, posters, etc..





64" (165 cm) Wide Dual-head LED UV Printer

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	2 (staggered setup)
Nozzle Configuration	180 nozzles x 8 lines (each head)
Drop Mass Range (pl)	3.8 to 28
Head Heights	Automatic*
* : Media thickness is measured electronically and 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 *	Ø 150 mm / 2" & 3" / 30 kg
* : Standard non-motorised roll-off system	
Ink Drying System	2 Long life LED UV curing lamps

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	200 (7.87") - 1200 mm (47.24")
Max. Media Thickness	15 mm
Max. Media Weight	15 kg
Ink Drying System	2 Long life LED UV curing lamp

Ink Specifications

Ink Type	LED UV inks - Rigid and Flexible types
Ink Colours / Volume	CMYK + Varnish : 220 ml cassette / 800 ml pack * White : 220 ml cassette / 500 ml pack *

* : 800 ml / 500 ml pack requires optional adapter

Ink Setup	CMYK (CCMMYYKK) CMYK + White + Varnish (CMYK+2xWh+2xVa)
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Compatibility	ABS, Aluminium board, Cardboard, Fluted & corrugated boards, Glass, heat sensitive flex media like Polyolefin-based (PVC-Free) self-adhesive films, Non-woven, PC, PE, PET, PES, PMMA (acrylic), PP, PS, PVC *
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* : Ink adhesion will vary among media type and brand. Individual testing is required in function of your specific application.

Performance

	4-colour setup		6-colour setup	
	CMYK	CMYK only	White only	Layer Print*
1440 x 1440 Uni	2.86 m ² /h	0.72 m ² /h	2.86 m ² /h	0.37 m ² /h
1440 x 1440 Bi	5.68 m ² /h	1.42 m ² /h	5.68 m ² /h	0.73 m ² /h
720 x 1440 Uni	5.72 m ² /h	2.75 m ² /h	5.72 m ² /h	1.39 m ² /h
720 x 1440 Bi	11.35 m ² /h	5.47 m ² /h	11.35 m ² /h	2.75 m ² /h
720 x 1080 Bi	14.23 m ² /h	6.83 m ² /h	14.23 m ² /h	3.45 m ² /h
720 x 720 Bi	22.71 m ² /h	11.27 m ² /h	22.71 m ² /h	5.50 m ² /h

* : CMYK + White or Varnish

Power Consumption

During Printing	< 700 Watt
In Stand-by / Sleep	< 55 W / < 25 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	2983 x 818 x 1261 mm (roll) 2983 x 2730 x 1261 mm (rigid)
Weight	197 kg (printer + stand)

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