MUTOH

ValueJet
VJ-426UF

Desktop A3+ Flatbed LED UV Printer

The ValueJet VJ-426UF is a compact A3+ flatbed 6-colour LED UV printer with integrated vacuum table. Offering a print table area of 483 mm (19") x 329 mm (13"), the VJ-426UF enables direct printing onto objects up to 70 mm thick. The printer will deliver exceptional print quality on a wide variety of solid materials and objects including ABS, Alu-board, PC, PE, PET, PMMA (acrylic), PP, PS, PVC and glass.

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 LED UV inks and varnish are completely VOC-free and do not contain any hazardous air pollutants (non-HAP).

Product Highlights

- Compact desktop A3+ flatbed LED UV printer
- CMYK LED UV inks – optional white and varnish for a luxurious or specialty finish
- Print on a wide variety of products and their prototypes, even 3D objects
- Low energy consumption and low temperatures, ideal for heat sensitive materials
- 0% VOC inks – non-HAP – no air purifier needed
- Ready-to-print! VJ-426UF comes with a Windows driver & Mutoh's Layer Editor Tool to control white & varnish ink layers.

Application Possibilities

The multi-purpose VJ-426UF printer will produce ultra-sharp, high quality output and is specifically targeted at short run items or one-off designs of products and their prototypes, personalised gifts, packaging, souvenirs, awards, specialty industrial items as well as labels, decals, signs, etc..

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Made in Japan | Piezo Variable Drop | A3+ Print Size | 70 mm Media Thickness | CMYK, Clear & White

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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
LED UV Lamp Life	14.250 hours

Media Specifications

Size Print Table	483 mm (19") x 329 mm (12,95")
Max. Print Area	473 mm (18,62") x 319 mm (12,55")
Max. Media Thickness	Up to 70 mm (2,75")
Max. Media Weight	4 kg
Media Drying System	Long life LED UV curing lamp
Vacuum System	Standard integrated - electronically adjustable hold-down strength

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*
	* : 500 ml / 800 ml pack requires optional adapter
Ink Setup	CMYK (CCMMYK) CMYK + White + Varnish (CMYK+Wh+Va)
Ink Consumption *	1.6 ml / table
	* : Average ink consumption at @720 dpi - coverage of 67 %
Compatibility *	ABS, Alu Board, Glass, PC, PE, PET, PMMA (acrylic), PP, PS, PVC, Tyvek®

* : Ink adhesion will vary among media type and brand. The level of required adhesion on the final graphic depends on handling and usage. Individual testing is required in function of your specific application. In some cases the bond can be improved by using and adhesion promoter/primer.

Performance

	4-colour setup	6-colour setup		
Resolution	CMYK	CMYK only	White only	Layer Print*
Speed in m²/h				
1440 x 1440	0,94	0,40	0,94	0,16
720 x 1440	1,88	0,89	1,88	0,35
720 x 1080	2,48	1,26	2,48	0,49
Speed in tables per hour (excl. unloading/loading time) **				
1440 x 1440	6,2	2,7	6,2	1,1
720 x 1440	12,5	5,9	12,5	2,4
720 x 1080	16,4	8,4	16,4	3,4

* : CMYK+Wh+Va / Multi table mode - Table returns to origin for each layer
** : Data size for 1 table: 473 mm x 319 mm = 0,151 m²
Weaving: i-Weave UV - Carriage Movement: Data Width

Power Consumption

During Printing	< 330 Watt
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	1188 x 839 x 545 mm
Weight	72 kg

Distributed by

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