

ValueJet

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 new 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 – non-HAP – no outgassing of prints - no mercury – no lead
- Mutoh Intelligent Interweaving print technology (i2) - Dedicated "UV-weaving"
- 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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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
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
Ink Colours / Volume	CMYK & Varnish - 220 ml cassette White – 220 ml cassette
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. Individual testing is required in function of your specific application

Performance

	4 Colour	6 Colour		
Print Mode	CMYK	CMYK Only	White Only	Layer Print*
Speed in tables per hour (excl. unloading/loading time) **				
1440 x 1440 Uni	6	2	6	1
720 x 1440 Uni	13	6	13	3
720 x 1080 Bi	28	14	28	7

* : CMYK + white + varnish

** : 1 Table corresponds to 0,15 m²

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

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