ValueJet

ValueJet VJ-626UF

Desktop A2 Flatbed LED UV Printer

The ValueJet VJ-626UF is a 6 colour (C, M, Y, K, White & Varnish) desktop A2-size flatbed LED UV printer with integrated vacuum bed, offering a media size of 594 mm (23.39") x 483 mm (19"). Media thickness is automatically measured. The VJ-626UF allows direct printing on a wide variety of flexible and solid materials up to 150 mm thick.

An energy-efficient latest generation LED UV lamp ensures instant dry, ready to use prints and minimum energy consumption. Its reduced working temperatures also allow printing onto heat sensitive substrates. Compared to "classic" UV printing, Mutoh LED UV technology gives you all state-of-the-art health & safety and environmental benefits: no ozone generation, free of heavy metals like mercury and lead. Moreover, Mutoh's LED UV inks and varnish are completely VOC-free, do not contain any hazardous air pollutants (non-HAP) and as such do not need an air purification system.

Product Highlights

- Compact desktop A2 size flatbed LED UV printer
- Automatic table lifting & media thickness measurement
- CMYK LED UV inks - optional white and varnish for a luxurious or specialty finish
- Print on a wide variety of flexible and rigid materials up to 150 mm thick
- Low energy consumption and low temperatures, ideal for heat sensitive materials
- 0% VOC inks - non-HAP – no outgassing of prints – no air purifier required
- Mutoh Intelligent Interweaving print technology (i²) - Dedicated "UV-weaving"

Application Possibilities

The multi-purpose ValueJet 626UF printer will produce ultra-sharp, high quality output and is specifically targeted at short run items or one-off designs of personalised gifts, packaging prototypes, 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)	3.9 to 26.9
LED UV lamp life	14.250 hours

Media Handling

Max. Media Size	594 mm (23.39") x 483 mm (19")
Max. Print Size	584 mm (22.99") x 473 mm (18.62")
Max. Media Thickness	Up to 150 mm (5.91")
Max. Media Weight	6 kg
Media Drying System	Long life LED UV curing lamp
Table Height	Automatic table lift system / obstacle detection laser
Vacuum System	Integrated – Strength electronically adjustable
Compatibility (*)	ABS, Aluminium, Ceramic, Glass, PC, PE, PET, PMMA, PS, PP, PU, PVC

(*) 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 an adhesion promoter/primer.

Ink Specifications

Ink Type	LED-UV inks
Ink Colours / Volume (ml)	CMYK, white & Varnish - 220 (800 CMYKVa or 500 Wh)
Ink Setup	CMYK (CCMMYK) CMYK + White + Varnish (CMYK+Wh+Va)
Ink Consumption *	2,72 ml /table

* : Average ink consumption at @720 dpi - coverage of 67 %

Power Consumption / Noise

During Printing	< 300 Watt
Power Supply	AC 100-120 V / AC 200-240 - 60/50 Hz - ≤ 4.0 A / ≤ 2.0 A
Noise	Printing : < 67.2 dB / Standby : < 47.5 dB

Performance

	4 Colour	6 Colour		
Print Mode	CMYK	CMYK Only	White Only	Layer Print*
Speed in m²/h				
1440 x 1440 Uni	0,94	0,40	0,94	0,16
720 x 1440 Uni	1,88	0,89	1,88	0,35
720 x 1080 Bi	2,48	1,26	2,48	0,49
Speed in tables per hour (excl. unloading/loading time) **				
1440 x 1440 Uni	3,4	1,4	3,4	0,5
720 x 1440 Uni	6,8	3,22	6,8	1,2
720 x 1080 Bi	8,9	4,5	8,9	1,77

*CMYK + white + varnish
** 1 table corresponds to 0,28 m² / 473 mm x 584 mm

Connectivity / Interface

Ethernet	10 BASE-T; 100 BASE-TX

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	1190 x 1535 mm
Height	Unit Only: 605 mm On Stand: 1255 mm
Weight	120 kg (Unit) – 21 kg (Stand)

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