

ValueJet



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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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 |

ValueJet VJ-626UF

SPECIFICATIONS

Performance

| Print Mode | 4 Colour | 6 Colour | | |
|---|----------|-----------|------------|--------------|
| | 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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