XpertJet
XPJ-661UF

Specialty / Industrial ‹

A2+ UV LED Direct to Object Printer

Suited for personalised one-off print products and small lot production, the high quality XpertJet 661UF table top inkjet printer will deliver exceptional print quality onto a wide variety of materials including three dimensional objects up to 15 cm thick. The printer offers a print area of 483 mm x 594 mm and can be setup in either CMYK or CMYK + White + Varnish.

Think of prints on phone covers, gifts, photo products, promotional items such as pens, lighters & USB sticks, souvenirs, awards, small signs, small series production or prototyping of packaging samples, decorative tiles, etc...

Discover the magic of white and varnish inks ! White inks will enable you to print on dark coloured or clear substrates. Special added value finishing like spotvarnish or even stunning special effects such as special structures or embossing are possible with our dedicated varnish inks.

The compact XPJ-661UF printer will fit into any regular office, home based business or small retail environment.

Product Highlights

- Compact table top A2+ flatbed UV LED printer
- Added value personalised prints and bespoke small-lot production of commercial and industrial applications
- Fit for regular offices, home based businesses or small retail environments
- Print area of 483 X 594 mm – 19" x 23.4"
- Prints on objects up to 15 cm thick
- Dual ink type : rigid or flexible inks – 6 colours : CMYK + Wh + Va
- Integrated vacuum table
- Print on white, dark and clear items/objects
- Spotvarnish, structure printing & embossing thanks to varnish inks
- Mutoh proprietary Local Dimming Control Technology
- Multi-language intuitive OLED touch display
- Obstacle detection system & print resume functionality
- Dedicated Intelligent Interweaving technology incorporated
- Uninterrupted production thanks to selected active nozzle blocks
- Automatic table height adjustment to allow automated 2.5 D printing, e.g. to print embossed text
- Large front cover with hydraulic pumps
- Removable / replaceable lamp filter & lamp glass by operator
- Optional rotary printing unit for 360° printing on cylindrical objects

MUTOH

XpertJet
XPJ-661UF

Made in Japan	Piezo Variable Drop	A2+ Print Size	150 mm Media Thickness	CMYK, Clear & White

Desktop A2+ Flatbed LED UV Printer

Mutoh's Proprietary Local Dimming Control Technology - Patent Pending

The XPJ-661UF is equipped with a newly developed segmented 2" wide UV lamp. The UV lamp has 6 different sections. Each lamp section can be individually controlled, enabling production of **multiple varnish effects in the same print table movement**.

Gloss, semi-gloss and matte varnish effects can be produced in one table movement for prints combining CMYK + Varnish or White + Varnish. The result is a substantial productivity boost as well as a minimised risk for dust contamination into glossy printed areas.

Technical Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Head	1 monoblock 8 channel print head
Nozzle Configuration	180 nozzles x 8 lines
Drop Mass Range	3.7 pl to 25.8 pl
LED UV Lamp	2" wide multi-segment lamp - 6 segments Each segment can be individually controlled.

Media Specifications & Handling

Max. Print Area	483 mm (19") x 594 mm (23.4")
Max. Media Thickness	Up to 150 mm
Table Height	Automatic height adjustment
Max. Weight	6 kg
Media Drying System	Long life LED UV curing lamp / 14.250 hours
Vacuum System	Standard - electronically adjustable hold-down strength
360° Printing	Optional rotary printing unit for 360° direct printing on cylindrical objects

Ink Specifications

Ink Type	LED UV inks - Rigid and Flexible types
Ink Colours / Volume	CMYK, White & Varnish - 220 ml cassette
Ink Setup	CMYK (CCMMYK) CMYK + White + Varnish (CMYK+Wh+Va)
Compatibility *	ABS, Alu Composite Board, Glass, PC, PET, Extruded Acrylic, PP, PS, foam PVC, Tyvek®, Wood

*: 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. Challenging substrates like glass, acrylic, PP may require the use of adhesion promoters/primers.

Power Consumption

During Printing	< 300 Watt
Power Supply	AC 100-120 V / AC 200-240 - 60/50 Hz
Operation Noise	During printing : 69 db or less Standby : 49 db or less

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 1627 x 604 mm
Weight	130 kg

Software

Standard Windows driver to allow printing from Powerpoint, Illustrator, CorelDRAW, etc...

Mutoh Layer Editor for multi-layer printing - integrates new features such as variable data printing

Remote printer monitoring from smartphone or tablet via Mutoh Status Monitor

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