MUTOH
MAKES IT POSSIBLE

XpertJet
461UF / 661UF

A3+ size | XPJ-461UF

A2+ size | XPJ-661UF

■Specifications

XpertJet		XPJ 461UF	XPJ 661UF
Printing system		On-demand piezo drive system	
Set media	Size (W×D)	483mm (19") ×329mm (12.95")	483mm (19") ×594mm (23.4")
	Height	up to 70mm (2.75") [with standard table] / up to 150mm (5.9") [without standard table] up to 70mm (2.75") [with optional vacuum table]	0 ~ 150mm (5.9")
	Weight	up to 5kg (11lbs) [with standard table] / up to 8kg (17.6lbs) [without standard table] up to 4kg (8.8lbs) [with optional vacuum table]	6kg (13.2lbs)
Max printable size (W×D)		483mm (19") ×329mm (12.95")	483mm (19") ×594mm (23.4")
Table height adjustment		PG handle (handle 1.5mm / round)	Automatic
Ink	Type	UV LED ink (UH21 ink / US11 ink)	
	Ink set	4 colours (K, C, M, Y) / 6 colours (K,C,M,Y, white, varnish)	
	Capacity	220ml ink cartridge (K,C,M,Y, white, varnish)	
	No. of slot	6	
Print resolution		1440/1080/720dpi (Total 3 modes)	
Interface		Ethernet (10BASE-T / 100BASE-TX)	
Power requirements		AC100-120V±10%, 50/60Hz±1Hz	
Operation noise		Standby: 51dB or less / Printing with standard table: 63dB or less / Printing with optional vacuum table: 70dB or less	Standby: 49dB or less / Printing with vacuum table: 69dB or less
Printable environment		Temperature: 20 32℃ Humidity: 40 60%RH (non condensing) · ·	
Electrical power consumption		Sleep mode: 20W or less / Ready to print: 40W or less / Operation: 195W or less	Sleep mode: 20W or less /Ready to print: 40W or less / Operation: 300W or less
Dimensions (W×D×H) /Weight		1,188mm (46.8") ×972mm (38.2") ×597mm (23.5") [Front cover closed] / weight: 95kg (209lbs) 1,188mm (46.8") ×972mm (38.2") ×1,011mm (39.8") [Front cover opened] 1,188mm (46.8") ×1,025mm (40.4") ×597mm (23.5") [PG handle cover opened]	1,188mm (46.8") ×1,627mm (64.1") ×604mm (23.8") [Front cover closed] / weight: 130kg (287lbs) 1,188mm (46.8") ×1,627mm (64.1") ×1,196mm (47.01") [Front cover opened]
Printer Driver		Bundled	
RIP software		FlexiPRINT SE MUTOH Edition	
Rotary Jig		N/A	Optional
Stand		N/A	Optional

* The vacuum table is optional for XPJ-461UF.
* Specifications are subject to change without notice.
* The printer driver is included in the XPJ-461UF / 661UF. RIP software is optional.
* Ink adhesion will vary among media type and brand. Individual testing is required in function of your specific application.
* As white ink settles at the bottom of cartridge, please be sure to shake lightly once a day before use.

Everything you want in a simple and compact desktop UV LED printer

XpertJet 461UF

A3+
Print size Max.483mm×329mm

MAX 150 mm
Media thickness Max.150mm

CMYK

CMYK White, Varnish

Rigid & Flexible type

Small footprint smart design model XPJ-461UF

Table mechanism for various objects	Wide open cover

70mm/2.75"

150mm/5.9"

Hydraulic damper

Print objects up to 70mm/2.75" thick easily using manual adjustment knob

Removed the table enables printing objects up to 150mm/ 5.90" thick.
*Original jig production is recommended

Expanded open space allows for easy access to position the substrates and maintenance.

XpertJet 661UF

A2+
Print size Max.483mm×594mm

MAX 150 mm
Media thickness 0~150mm

CMYK

CMYK White, Varnish

Rigid & Flexible type

High performance model with enhanced productivity XPJ-661UF

Automatic table lifting	Rotary unit	Original stand

0-150mm/5.9"

Working height 1,222mm/48.1"

Automatic table lifting enables high-precision height adjustment and stabilizes printing quality.

The ability of 360° printing onto cylindrical objects expands range of your applications. (optional)
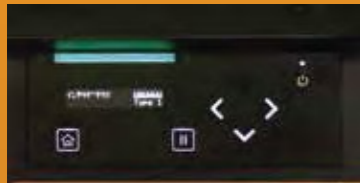
Optimal height for operation with rollaway stand (optional)

Braille

Print tactile 2.5D graphics such as embossed text, braille, and textured decorations. XPJ-661UF is ideal for premium 2.5D printing grater than 1mm thick
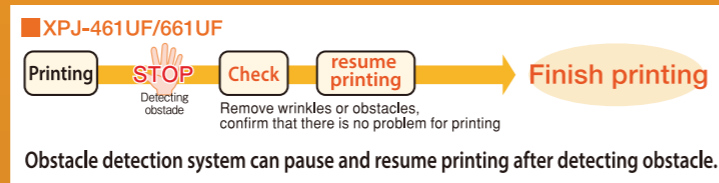(XPJ-461UF needs manual adjustment)

LED touch panel

Beautifully designed, intuitive, high visibility electrostatic touch panel for easy to use operation. Supports 8 languages

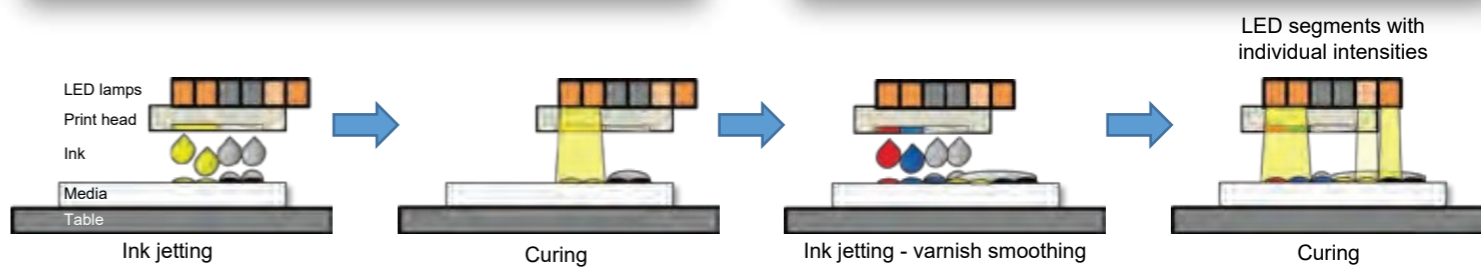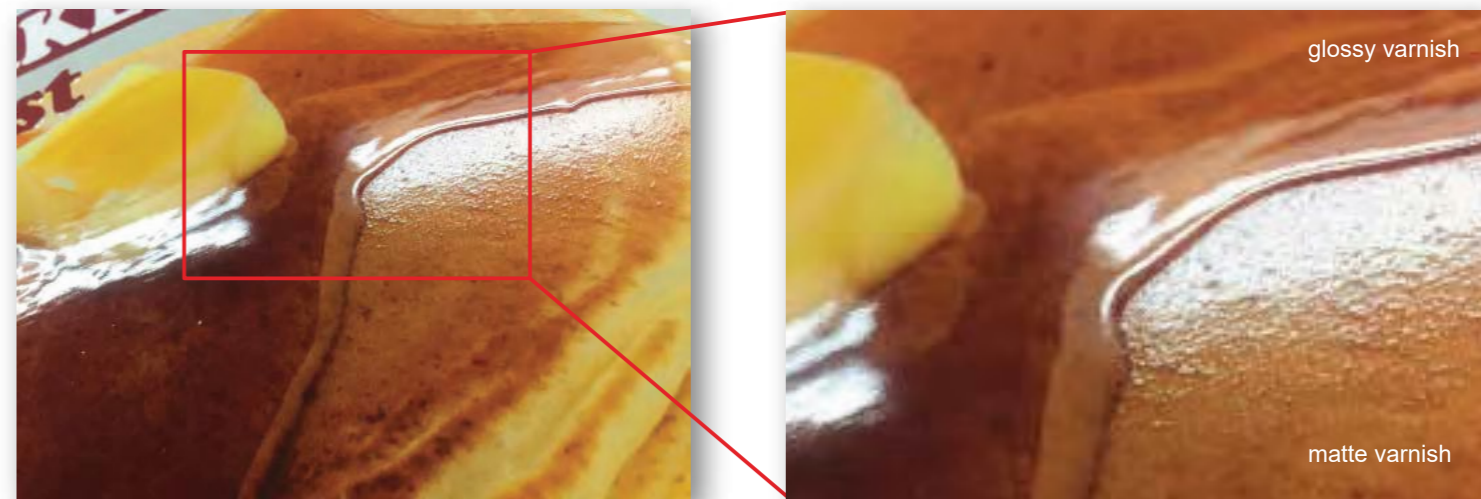## Vacuum table holding media firm

Vacuum table can hold thin media firmly. Control 5 steps of vacuum power directly from the operation panel.
(Optional for the XPJ-461UF)

Obstacle detection system

■ XPJ-461UF/661UF

Printing → STOP (Detecting obstacle) → Check (Remove wrinkles or obstacles, confirm that there is no problem for printing) → resume printing → Finish printing

Obstacle detection system can pause and resume printing after detecting obstacle.

Novelty gifts   Accessories   Art prints   Promotional products

Occasional gifts   Awards   ID badges   Packaging proofs

Local Dimming Control (Patent pending)

UV LED LOCAL DIMMING CONTROL

The XPJ-461UF /661UF are equipped with a newly developed segmented 50mm 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 of dust contamination in the glossy printed area.

glossy varnish

matte varnish

LED segments with individual intensities

LED lamps
Print head
Ink
Media
Table

Ink jetting   Curing   Ink jetting - varnish smoothing   Curing