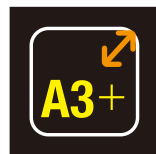




# XpertJet 461UF

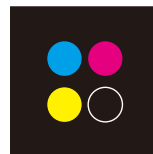
Flatbed LED UV Printer



Print size  
Max.483mm×329mm



Media thickness  
Max.150mm



CMYK



CMYK  
White, Varnish

The XpertJet 461UF, compact flatbed LED UV printer debuts from the XpertJet series, with new features, enhancements and ease of use, to support the professionals.

Based on feedback from many users, the XPJ-461UF enables finer texture adjustment and easily achieve realistic value-added printing such as high glossy finish, decoration, etc. with newly developed MUTOH' s “LED-UV lamp Local Dimming Technology” .

The XPJ-461UF grabs the customer's heart with value-added printing that further enhances product value.



Glossy and matte varnish printing



Rich texture expressions by varnish printing

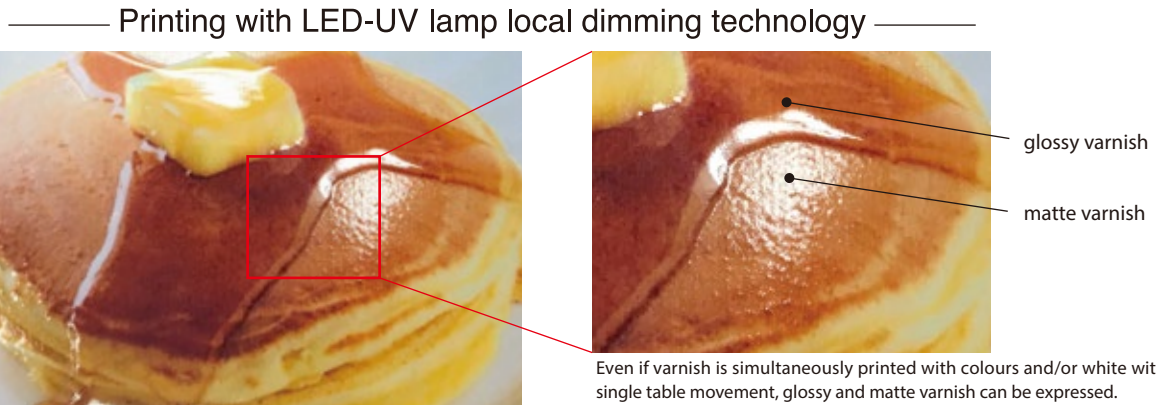


Variable printing

# MUTOH's unique LED-UV lamp local dimming technology

The LED-UV lamp local dimming\* technology (patent pending) produces various rich texture expression. It provides glossy, semi-glossy, and matte varnish printing simultaneously with colours and/or white printing with a single table movement.

\*local dimming=segment control



**NEW LED-UV lamp + LED-UV lamp local dimming technology**  
(Mounted from XPJ series) (Patent pending)

**Shortens printing time and improves productivity. Reduces graining, banding and layer printing misalignment.**

## New designed mechanism ensures excellent user experience

<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>Table mechanism for user friendliness</b></p> <p>Printing onto objects up to 70mm thickness. Optional vacuum table holding thin media is available. Removal table allows printing onto objects up to 150mm thickness. *Original jig is recommended when removing the table.</p>	<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>High precision rail mechanism</b></p> <p>High precision rails on both sides keep the table horizontal and provide consistent print quality.</p>	<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>Expanded opening space</b></p> <p>Newly designed front cover with hydraulic damper ensures safety and improves ease of work operation. Expanded the opening space for ease of use and maintenance.</p>
<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>LED touch panel</b></p> <p>LED display provides high visibility. Electrostatic touch panel improves panel operation.</p>	<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>Print resume function</b></p> <p>Enhanced obstacle detection system can pause and resume the printings to reduce waste of media when detecting obstacle.</p>	<p style="text-align: center; background-color: #cccccc; margin: 0;"><b>Partial nozzle block activation</b></p> <p>Printing can be performed temporarily using only active nozzle blocks when nozzle clogged.</p>

## Enhanced application software

- Output software "Layout and Print Tool2"
- **Variable data printing** New function  
Capability on variable data handling helps operators to achieve work efficiency when printing partial variable prints like a ID card
- **Density test pattern** New function  
Varnish: Easily print matte and glossy varnish by selecting a certain density from the test patterns  
White: Reduce microstructure (mottling) by optimizing ink density
- "MUTOH Windows printer driver" is bundled
- "MUTOH Layer Editor" enables layer printing
- "MUTOH Status Monitor" provides real time monitoring on the printer status

## Improved maintenance environment

The maintenance environment around the LED-UV lamp has been renewed to perform daily maintenance more efficiently. In addition, newly adopted print head improves jetting stability and prevents machine trouble beforehand. Removable/replaceable lamp filter is newly adopted in the lamp unit. The removable lamp glass makes easier to clean the surface.

## Specifications

Printing system		On-demand piezo drive system	
Set media	Size (WxD)	483mm x 329mm	
	Height	up to 70mm (with standard table) / up to 150mm (without standard table) up to 70mm (with optional vacuum table)	
	Weight	up to 5 kg (with standard table) / up to 8kg (without standard table) up to 4kg (with optional vacuum table)	
Max printable size (WxD)		483mm x 329mm	
Height adjustment		PG handle (handle 1.5mm / round)	
Ink	Type	LED-UV ink (UH21 ink / US11 ink)	
	Ink set	4 colours (C, M, Y, K) / 6 colours (C, M, Y, K, white, varnish)	
	Capacity	220ml ink cartridge (C, M, Y, K, 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	
Printable environment		Temperature: 20-32°C Humidity: 40-60%RH (non condensing)	
Electrical power consumption		Sleep mode: 20W or less / Ready to print: 40W or less / Operation: 195W or less	
Dimensions (WxDxH) / Weight		1188 x 972 x 597mm (cover closed) / weight: 95kg	
		1188 x 972 x 1011mm (Front cover opened)	
		1188 x 1025 x 597mm (PG handle cover opened)	
Printer Driver		Bundled	
RIP software		Optional (SAI FlexiSIGN & PRINT MUTOH Edition, ONYX RIP)	

\*The specifications are subject to change without notice.