

printable size  
Max. 1,420mm×700mm



Media thickness  
0~150mm



CMYK  
White, Varnish

# XpertJet 1462UF

55" × 27" / 1,420mm × 700mm FLATBED UV LED PRINTER

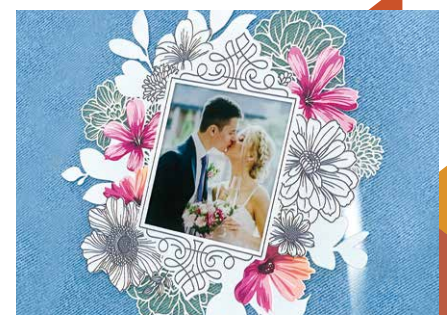
## High productivity and High image quality Ability to print on various media

The XpertJet 1462UF is a high-performance flatbed UV-LED printer with moving gantry. The table unit, which supports media up to 1,420 mm (57.9") × 700 mm (27.5"), a thickness of 150 mm (5.9"), and a weight of 50kg/ m<sup>2</sup>, meets diverse user needs with unparalleled media adaptability.

Equipped with two new developed 4-inch UV-LED lamps, the staggered dual print heads with independent CMYK and white/varnish enable 2-layer printing without speed loss. The highly rigid and precise chassis and MUTOH's unique aluminum rail mechanism enable stable and high quality printing with high ink dot placement accuracy.

In addition to the conventional UH21 ink, a new UV ink, US61 is available for the XpertJet 1462UF. It is a next-generation UV ink which is SVHC (substance of very high concern)-free and offers excellent functionality and compatibility with a wide range of materials while taking into consideration the health of operators and the environment.

The XpertJet 1462UF brings the best "Made in Japan Quality" to various markets such as personalized items, store decoration, sign, industrial products and more.



# High quality and high image quality

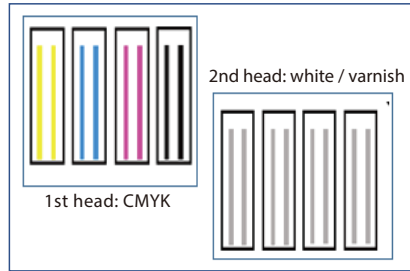
## Two new 4" wide UV-LED lamps

4-inch wide UV-LED lamps are placed on both sides of the print head to achieve high productivity through bi-directional printing. The UV-LED local dimming control technology enables optimal curing for each printing condition.



## Dual print heads in a staggered setup

The first head prints CMYK, the second head prints white & varnish which enable 2-layer printing without speed loss. It is also ideal for braille and 2.5D structure prints.



## Highly rigid & high-precision chassis

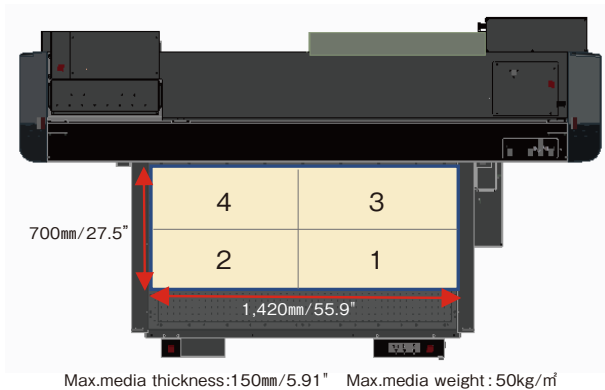
Highly rigid and precise chassis and MUTOH's high precision aluminum rail mechanism deliver high ink dot placement accuracy. It enables stable and high-quality printing.



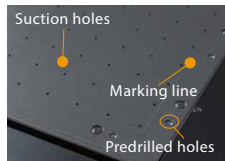
## Ability to print on various media

### 4 zone vacuum table

The vacuum table, which supports printing on materials up to 150mm (5.9") thick or heavy media, can be set to divide the suction area into four sections. It can be used for a wide range of applications from large signage to small item printing to improve work efficiency. The suction force can be selected from four levels (high, medium, low, and off).



## Ease-of-use features



**Vacuum table surface**  
Supports media fixation with marking lines for positioning, predrilled holes for jig mounting, etc. Media can also be secured using magnets.



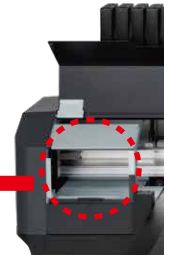
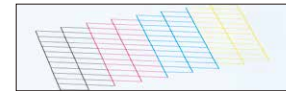
**Foot switch**  
Table vacuum can be turned on and off at the foot of the table.



**Signal tower light**  
The status of the printer can be checked at a glance from a distance.

**Auto-nozzle checking unit and Nozzle area select**  
Automatically detects missing nozzles and performs nozzle cleaning. Nozzle area select temporarily prints using selected area of active nozzles when clogged nozzles fail to recover.

**Simple nozzle check function**  
Even after the jig and media to be printed are set on the table, nozzle check can be performed at any time in a dedicated area next to the print table.



## Next-generation UV-LED ink; US61 C M Y K W VA

### Combines flexibility and scratch resistance while taking consideration into the work environment

US61, a newly developed environmentally friendly next-generation UV ink is available for the XpertJet 1462UF. In compliance with the chemical substance regulations in the EU, which has strict environmental regulations, and in anticipation of future regulations, the US61 ink is free of substances classified as CMR Category 1 (1A, 1B)\* and SVHC (Substances of Very High Concern). This is a UV ink that takes into consideration the health of operators and the environment. In addition, it combines "stretchability" and "scratch resistance" at a high level, which have been trade-offs in conventional UV inks, making it suitable for a wide range of applications.

\*CMR refers to substances that are carcinogenic, mutagenic, or reproductive toxic. Category 1 is classified as substances that are carcinogenic, mutagenic, or reproductive toxic to humans.

### Features of US61 ink

- Flexibility and scratch resistance
- Compatible with a wide range of media
- Reduce stickiness after curing
- Highly opaque white ink



UL GREENGUARD Gold Certification

## Specifications

Printer model	XPJ-1462UF	
Printing system	On-demand piezo drive system	
Print head	Number	2 (staggered)
	Type	UV LED ink (US61/UH21)
Ink	Ink capacity	800ml bag/500ml bag (UH21 white ink only)
	Configuration	6
	Color	CMYKWhVa
Printable area	1,420mm × 700mm (55.9" × 27.5")	
Supported media size	1,420mm × 700mm (55.9" × 27.5")	
Max. media thickness	150mm / 5.9"	

Max. Media Weight	50kg/m <sup>2</sup>
Height adjustment	Automatic
Print resolution	Max.1440dpi
Interface	GB-Ethernet (1000BASE-T)
Dimension W × D × H (mm)	2,770mm × 1,459mm × 1,339mm (109" × 57.4" × 52.7") *front cover is closed and ink bags are not loaded
Weight	500kg/1,102lbs
RIP software	MUTOH genuine RIP software, VerteLith
Optional	Ionizer