MUTOH

XpertJet

XPJ-1462UF

CMYK + Wh + Va | 55"x27" | 150 mm

Specialty / Industrial

1420 x 700 mm Flatbed Direct-to-Object Printer

The Mutoh XpertJet 1462UF is a 6 colour (C, M, Y, K, Wh, Va) UV LED flatbed direct-to-object printer with moving gantry, offering an impressive **1420 mm by 700 mm table size. It can print on items up to 150 mm thick.** Carrying Mutoh's prestigious "Made in Japan Quality" seal, the 1462UF features a sturdy chassis and a **4-zone magnetic vacuum bed supporting weights up to 50 kg/m².**

Say goodbye to limitations and hello to excellence! With two staggered print heads for independent CMYK and White/Varnish printing and two brand new 4" wide UV curing lamps, you'll achieve flawless 2-layer printing without compromising speed.
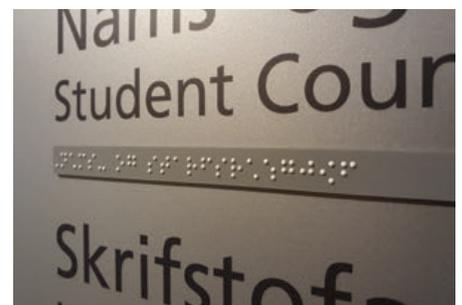
Experience maximum versatility: the XPJ-1462UF enables simultaneous printing of multiple substrate sizes on the same table. Our genuine VerteLith RIP software integrates multiple features dedicated to UV printing : multi page PDF to support variable data, creation of jigs, emboss printing presets and a structure library with 100 different texture patterns. 2.5D printing made easy!

Product Highlights

- 6 colours – C, M, Y, K, White & Varnish
- 1420 mm (55.9") x 700 mm (27.5") table size
- Four zone magnetic vacuum bed - weights up to 50 kg/m²
- Can print on items up to 150 mm (5.91") thick
- Automated media height & obstacle detection
- Two piezo drop on demand inkjet heads, staggered setup for fast multi-layer printing.
- Two new 4" (101.6 mm) multi-segment UV LED curing lamps
- Automated nozzle check unit reduces loss of prints and downtime.
- Bundled with Mutoh genuine VerteLith RIP software
- Next generation UV LED ink – SVHC & CMR free, stretchable, scratch resistant and wide media compatibility

Application Possibilities

The XPJ-1462UF will cater a wide range of requirements, including 2.5D direct-to-object, industrial, packaging, awards and sign & display printing, including ADA compliant braille. An attractive all-in one solution for screenprinters looking to add digital direct-to-object printing to their workflow and industrial printers wanting to add more versatility and colour to their services.

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XPJ-1462UF

High quality and high image quality

Two new 4" wide UV-LED lamps
4-inch UV-LED lamps on both sides of the print head enable faster bidirectional printing. Regardless of the print conditions, Local Dimming Control (LDC) always ensures adequate curing.
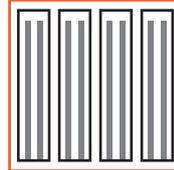
Dual print heads - staggered setup
The first head jets CMYK, the second head white and varnish : seamless 2-layer printing without sacrificing speed. A perfect setup for applications like braille and 2.5D structure prints..

Highly rigid & high-precision chassis
Mutoh's rigid chassis and precise aluminium rail design ensure installation convenience and superior ink dot placement accuracy for stable high-quality printing.

LDC
UV LED LOCAL DIMMING CONTROL

1st head: CMYK
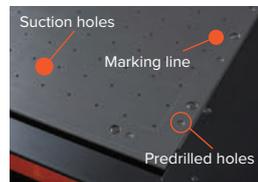
2nd head: white / varnish

Media versatility

4-Zone magnetic vacuum table
The XPJ-1462UF offers both table space and strength, accommodating heavy or thick media. It opens the door to diverse applications, ranging from small items to larger objects, enhancing productivity and reducing delivery times. The vacuum table features 4 suction force levels (strong, medium, low, and off) to effectively secure various media types.

700 mm / 27.5"

1,420 mm / 55.9"

Max. media thickness : 150 mm / 5.91"   Max. media weight : 50 kg/m²

Ease-of-use features

Suction holes

Marking line

Predrilled holes

Vacuum table surface
You can use both the suction holes as well as predrilled holes beyond the print area to fix custom jigs or even use magnets to secure your media.

Auto-nozzle checking unit and Nozzle area select
Detects missing nozzles, attempts recovery via cleaning and activates the Nozzle Area Select function to continue production with limited nozzle area.

Foot Switch
To keep your hands free for substrate manipulation, the vacuum system can be controlled using a robustly designed foot switch.

Signal Tower Light
The status of the printer can be checked at a glance from a distance.

Simple nozzle check function
Even after setting up the jig/media on the table and performing thickness measurement, you can still perform a nozzle check at any time in a dedicated area adjacent to the print table.

Next-generation UV LED inks – US61

C M Y K W VA

Create with peace of mind, knowing you're making a sustainable choice. Experience our next generation SVHC[1] and CMR[2] free US61 inks, gentle on operators and compatible with an extensive range of materials.

[1] Substances of Very High Concern. / [2] CMR category 1 - no carcinogenic, mutagenic nor reproduction toxic substances.

Specifications

Printer model		XPJ-1462UF
Print system		On-demand piezo drive system
Printing head	Number	2（staggered）
Ink	Type	UV LED ink（US61/UH21）
	Ink capacity	800 ml bag / 500 ml bag (UH21 white ink only)
	Configuration	6 channels
	Colours	CMYKWhVa
Printable area		1,420 mm × 700 mm (55.9"×27.5")
Supported media size		1,420 mm × 700 mm (55.9"×27.5")
Max. media thickness		150 mm / 5.9"
Max. Media Weight		50 kg/m²
Height adjustment		Automatic thickness adjustment
Print resolution		Max. 1440 dpi
Interface		GB-Ethernet (1000BASE-T)
Dimensions W×D×H (mm)		2.770 mm x 1.459 mm x 1569 mm (109" x 57.4" x 61.77")
Weight		500 kg / 1,102 lbs
RIP software		MUTOH genuine RIP software, VerteLith
Optional		Ionizer bar

Key Features of US61 ink

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

Distributed by

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