

For Immediate Release

## MUTOH launches 2 compact flatbed LED-UV printers simultaneously with their unique “LED-UV lamp Local Dimming Technology”

MUTOH INDUSTRIES

MUTOH INDUSTRIES LTD. a leading manufacturer of wide-format inkjet printers, affiliated with MUTOH HOLDINGS CO., LTD. today announces the launch of two new models, the “XpertJet 461UF” and “XpertJet 661UF”, which are compact flatbed LED UV printers for the printing industry including personalization items, novelties, and small lot multi-variety applications.



**XpertJet 461UF**

Max. printable size: 483mm x 329mm



**XpertJet 661UF**

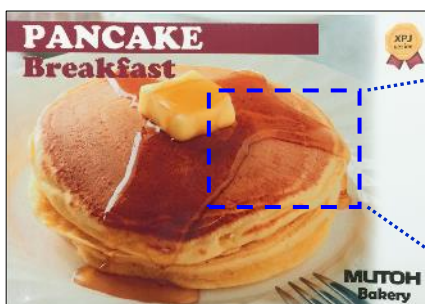
Max. printable size: 483mm x 594mm

The “XPJ-461UF” and “XPJ-661UF” enable 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”. It provides glossy, semi-glossy, and matte varnish printing simultaneously with colours and/or white printing with a single table movement.

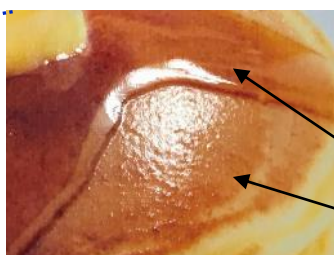
\*LED-UV lamp segment control

Printing time can be shortened, and productivity is improved accordingly. It also reduces graininess, banding and layer printing misalignment at the same time with a single table movement.

< Printing time is approx. half of conventional models >



### Printing with “LED-UV lamp Local Dimming Technology”



Even if varnish is simultaneously printed with colours and/or white with single table movement, glossy and matte varnish can be expressed.

Glossy varnish

Matte varnish

The "XPJ-461UF" and "XPJ-661UF" will also provide users with a comfortable working environment by a new platform design. "XPJ-461UF" is space-saving type and for users who want to keep initial costs down with a small footprint. "XPJ- 661UF" can be utilized as a product for professional users who want to increase productivity.

#### **The main features of the "XPJ-461UF" and "XPJ-661UF"**

- MUTOH's unique "LED-UV lamp Local Dimming technology" produces various rich texture expressions with single table movement. (Patent pending)
- The printable area has been expanded by +10mm compared to the current model, and the media set position is engraved.
- Easy and quick navigation with LED display touch panel
- Two types of MUTOH original UV ink; flex type and rigid type (CMYK, White, Varnish) for various materials and applications
- Variable data printing function that enables partial variable prints like a ID card, is included in standard application.
- Table dimension data is available to customize the original jigs
- Detachable lamp glass and lamp filter which are newly adopted in the LED-UV lamp unit improve the maintenance environment
- Standard "MUTOH Windows printer driver" allows users to print directly without a RIP software
- Supported "MUTOH Status Monitor" that provides real time monitoring on the printer status (improved response time)

#### **Features of XPJ-461UF only**

- Wider front cover and expanded opening space improve the usability of media set and daily maintenance.
- Printing onto objects up to 70mm thickness. Removal of table allows printing onto objects up to 150mm thickness.
- Vacuum table is optional. (attachable by users)

#### **Features of XPJ-661UF only**

- Automatic lifting vacuum table provides stabilized printing quality by its high-precision height adjustment.
- Enables build-up printing of 1mm or more thickness which is ideal for 2.5D printing such as decoration
- Rotary unit for printing on cylindrical objects and original stand are available as optional

Following the launch in Japan and EMEA, "XPJ-461UF" "XPJ-661UF" will be released sequentially in the US and Asia. MUTOH will continue its efforts to provide diverse needs of customers adding LED-UV printers to XpertJet series.

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