XpertJet Direct-to-Object (DTO) Printers

XPJ-461UF

XPJ-661UF

Product Guide

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Mutoh's Gen2 DTO Printers
XpertJet 461UF / 661UF

- Successor models for ValueJet 426UF *(2014)* and ValueJet 626UF *(2017)*
- Released January 2020
- EDP* Award "Best Object Printer 2020"

* European Digital Press Association – 21 leading trade magazines focusing on digital print processes

XpertJet DTO
Industry Leading Features !

- XpertJet DTO printers are equipped with a new 2" multi-segment UV lamp

- Each lamp segment can be individually controlled to create multiple varnish effects **in the same table movement** :

  - ✓ Create semi gloss, gloss and matte varnish effects in one print
  - ✓ Productivity boost
  - ✓ Minimised risk of dust contamination in glossy printed areas

XpertJet DTO
Industry Leading Features !

UV LED LOCAL DIMMING CONTROL

Print size : 210 mm x 148 mm

Glossy varnish

Matt varnish

Conventional Printing
Varnish print is required separately after colour, with an additional table scan for curing
-*Printing time: 15'20"*

UV LED Local Dimming Control
Glossy varnish is simultaneously printed with colour in one single table movement
-*Printing time: 08'50"*

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XpertJet DTO
Industry Leading Features !

- Zero VOC, low odour non HAP CMYK + white + varnish inks :
  - Safe in working environment & after printing
  - No need for forced ventilation or air purifier

- US11 Flexible Inks - GREENGUARD Gold Certificate :
  - Prints certified for indoor applications including offices, classrooms and healthcare environments

- US11 flexible inks – Compliant with European standard on safety of Toys EN 71-3 – part 3 :
  - For customers into toy printing, US11 inks do not contain any forbidden substance to pass local certification for toy production

Mutoh UV LED Technology

Green Credentials

- UV LED LAMP – Does not contain Heavy Metals – produces far less heat vs. conventional UV lamps – no ozone production during curing process

- Widest Media compatibility, including heat sensitive substrates

- Low energy consumption during printing :
(XPJ-461UF : < 195 W / XPJ-661UF : < 300 W)

Mutoh UV LED inks :

- Dry Immediately – no need for outgassing time

- Contain no VOCs – VOCs are not released in the printing room but also not after application

- No air purifier needed

Energy saving

No Heavy Metals

0% VOC

Product Concept

New Hardware Features

Made in Japan

- Brand new cosmetics
- New OLED touch display **1**
- Expanded Print Area (+ 10 mm in both directions)
- Expanded protective window → improved visibility during printing **2**
- Engraved lines in print bed for easy origin detection / object positioning **3**
- Cover opens with hydraulic damper
- New 2" wide multi-segmented UV LED lamp **4**