

Mutoh EMEA prepares for a strong presence at Fespa in Berlin

Fespa Berlin 2022 innovations

Mutoh has built a strong reputation in the market with its robust, high-quality and reliable „Made in Japan“ wide-format digital printers for commercial printing and special applications (outdoor and indoor signs and displays, sublimation and UV). Since 2014, the manufacturer also offers professional A2/A3 desktop UV printers (CMYK, white, varnish) for direct printing on objects and short-run production. World of Print spoke to Mutoh about the highlights at their booth at Fespa in Berlin this year.

In recent years, Mutoh has completely renewed its range of sign and display and dye sublimation printers based on the new XpertJet printer platform. In the first quarter of 2022, the company launched the second generation XpertJet Pro 1341SRP and 1641SRP sign and display printers, which feature new printhead technology and printing algorithms. This is complemented by Mutoh's new powerful VerteLith RIP software.



The XpertJet 1641SRP and 1341SRP offer a significant improvement in terms of print quality and print speed.

Throughout the EMEA region, Mutoh's products are distributed exclusively through a wide network of dealers, certified by its business units Mutoh Europe, based in Belgium, Mutoh Germany and Mutoh North Europe, accompanied by comprehensive services. The company will showcase its latest digital printing innovations at Fespa in Berlin at the end of May in Hall 1.2, Stand C40.

NEW XPERTJET PRO SIGN & DISPLAY PRINTERS

Mutoh will present its new XpertJet Pro 54" and 64" wide sign & display models, featuring brand new head technology, a new weaving algorithm

and Mutoh's genuine VerteLith RIP software. The XpertJet 1641SRP and 1341SRP will deliver a significant improvement in both print quality and print speed. The new printers also integrate automatic alignments to ensure uninterrupted production and consistent quality

The key fact is that users will gain significant quality and speed advantages over previous generations, in all production print modes. Comparing corresponding print modes, the XPJ-1341SR Pro is up to 212 % faster versus the VJ-1324X. The XPJ-1641SR Pro is up to 201 % faster versus the XPJ-1641SR. All achieved by the Mutoh proprietary technologies working together.

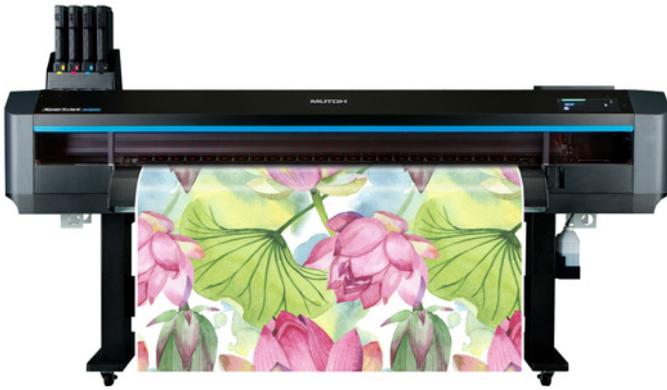
Mutoh XpertJet Pro printers are targeted at high quality volume production of sign & display graphics for long-term outdoor applications and durable prints for indoor use. Thanks to the GREENGUARD Gold certified Mutoh MS31/MS41 inks, output can be used at full room coverage, even in sensitive environments such as schools and hospitals.

XPERTJET 1682SR 64" DUAL HEAD SIGN & DISPLAY PRINTER IN 8 COLOUR SETUP

Mutoh now offers its XpertJet 1682SR



Mutoh now offers its XpertJet 1682SR dual head 64" wide model in 8 colour configuration with orange inks.



The XpertJet 1642WR Pro will deliver sellable high quality production speeds up to 61 m²/h. Top engine speed of the machine is 98 m²/h.

dual head 64" (162 cm) wide model in 8 colour configuration with orange inks (C, M, Y, K, Lc, Lm, Lk, Or). Whilst the 2 x 4 CMYK setup is oriented at volume/speed production, the 8C setup will allow to say yes to a wider range of applications.

The orange ink will allow printing of a new range of reds, oranges and yellows. Thanks to the Lc and Lm inks, the lighter colours - especially skin tones and colour gradients - will come out perfectly. The Light Black ink offers the advantage that grey gradients are printed much better and without any colour shift.

VERTELITH, MUTOH'S GENUINE RIP SOFTWARE

Mutoh's new genuine RIP software, called VerteLith, is a complete 'in the box' print solution. Recently, the VerteLith RIP won an EDP award in the category "Workflow Technologies". Mutoh's VerteLith software is built around the Harlequin Core ensuring fast RIP processing times for both PDF and PostScript files, as well as perfect handling of transparencies and spot colours.



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The VerteLith RIP integrates half-tone screening technology specifically developed for inkjet, called "Clear Tone". This Mutoh proprietary technology will allow seamless production of the best possible gradients and skin tones.

To avoid waste, the software includes powerful preview functionality, supporting soft proofing and on-screen RIP previewing of the actual printed dots before printing.

XPJET 1642WR PRO 64" DUAL HEAD DYE SUBLIMATION PRINTER

The XpertJet 1642WR Pro incorporates two new generation extra wide 1600 nozzle AccuFine print heads, installed in a staggered setup. The new heads will offer best-in-class drop placement accuracy. Combined with Mutoh's new proprietary i-screen weaving technology – Mutoh's fourth generation weaving algorithms - the new print heads will deliver exceptional print quality at high production speeds. The XpertJet 1642WR Pro will deliver sellable high quality production speeds up to 61 m²/h. Top engine speed of the machine is 98 m²/h.

Targeted at the sublimation transfer market, the XpertJet 1642WR Pro dye sublimation printer will deliver high quality graphics for transfer onto all possible flexible and rigid polyester materials. Next to transfer paper, the printer will also print directly onto closed coated polyester fabrics or mi-

xed fibres. The new XpertJet 1642WR Pro comes with Mutoh's new generation DS3-series HC dye sublimation ink. HC stands for 'Increased Colourant', which means reduced ink consumption, faster drying and compatibility with lightweight papers.

XPJET DIRECT-TO-OBJECT PRINTERS

Mutoh's second generation UV desktop printers, XpertJet 461UF and 661UF, are suited for personalised one-off prints and small lot production onto a wide variety of materials including objects up to 15 cm thickness. They can be setup in either CMYK or CMYK + White + Varnish.

The XpertJet A3+/A2+ sized printers feature various product enhancements such as an extended print area, a new multi-language intuitive OLED display and new cosmetics.

The printers integrate a new pioneering innovation called Local Dimming Control technology, resulting in an important productivity and quality boost, as this allows producing multiple varnish effects in one table movement.

The UV desktop printers XPJ-461UF and XPJ-661UF will respond to the increasing demand for added-value personalised prints and bespoke small-lot production of commercial and industrial print applications. Typical applications encompass personalised and/or branded gifts and souvenirs, packaging prototypes, decorative tiles, circular objects (bottles), awards, figurines and models, custom components, small to medium format rigid signage and much more.

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