

October 15th 2025

Introducing the new 1.6m wide eco-solvent printer XpertJet 1641SR Pro II

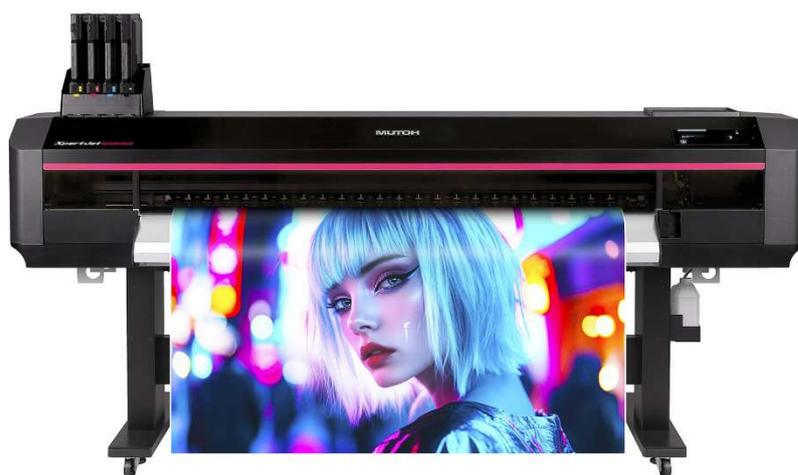
The new AccuFine HD Pro print head together with
the new print control system i-Screen EX System
delivers high image quality and top-class productivity of 17.63 m²/h

MUTOH INDUSTRIES LTD.

MUTOH INDUSTRIES LTD. (Headquarters: Setagaya-ku, Tokyo, President: Yasuhiko Isobe; hereafter referred to as “MUTOH”), is pleased to announce that its 1.6m wide eco-solvent inkjet printer XpertJet 1641SR Pro II, equipped with the new AccuFine HD Pro print head, will go on sale starting October 22nd. Following the launch in Japan, it will be released sequentially in the US, Australia, Asia, and the EMEA.

XpertJet 1641SR Pro II is a single-head model that combines the new AccuFine HD Pro print head with eight nozzle rows that allow for close placement of the same ink color, with the newly developed print control system i-Screen EX System, to achieve both high-definition ink placement and smooth gradation expression, resulting in outstanding image quality. Furthermore, print speed has been improved, achieving productivity of 17.63 m²/h in the Production printing mode, which is top class among four-color models.

XpertJet 1641SR Pro II delivers the highest “Made in Japan quality” to a variety of markets, including indoor and outdoor signage, exhibition graphics, car wrapping, and POP advertising.



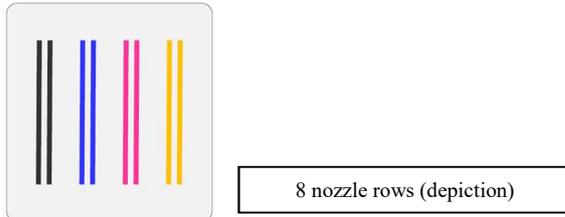
XpertJet 1641SR Pro II

64"/1,625mm wide eco-solvent printer
Single head 4 colors (CMYK)

Main product characteristics

◆ New AccuFine HD Pro print head

The new AccuFine print head, AccuFine HD Pro, features eight rows of ink-jetting nozzles, allowing for close placement of ink droplets of the same color, which was previously not possible, and improving the color accuracy when ink lands on the printing surface. This contributes to improved print quality.



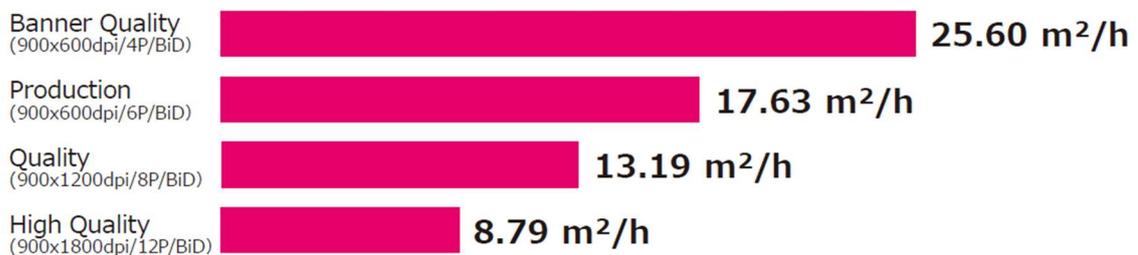
◆ New print control system i-Screen EX System

The new print control system, optimized for AccuFine print heads, further advances the existing i-screen print effect technology, enabling the application of more advanced print effects. This improves color uniformity and gradation expression, resulting in stable, high-quality printing.

◆ Print speed

It achieves a productivity of 17.63 m²/h in the Production printing mode.

4 colors (CMYK), recommended speed modes:



◆ Original input profile MUTOH Wide Color Choice

The original wide color gamut profile MUTOH Wide Color Choice focuses on dark color areas that were previously difficult to reproduce, expanding the range of color reproduction. It maximizes the ink color reproduction, delivering more vivid “reds” and deeper “blacks” than ever before.



Other features

◆ Ease-of-use functions for automation

DropMaster 2 and FEED MASTER

Automatic Bi-D adjustment and Automatic media feed correction

Adjustment and correction for each paper type is automated thanks to both of these functions, reducing operator's workload.



◆ Ease-of-use functions for efficiency

Media Tracker and Nozzle Area Select

The printer is equipped with two efficiency-improving functions that are well-established in the market. The Media Tracker function, which uses barcodes to manage the remaining amount of roll media, allows for efficient media use and reduced waste. The Nozzle Area Select function, which selects the nozzle area where printing is normally performed, allows you to continue printing without downtime even if a nozzle becomes clogged.



◆ Take-up unit

To ensure stable winding performance, we offer three types of take-up units optimized for different media weights.

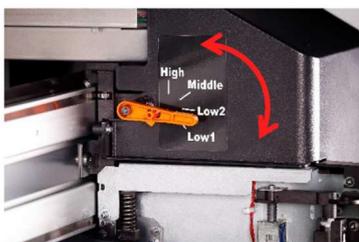
· Supports media up to 30kg, 40kg, and 100kg

*Photo shows the 30kg type



◆ One-touch print head adjustment function

The print head height can be easily adjusted to four levels (1.5mm, 2.0mm, 2.5mm, 4.0mm) by operating the lever. By selecting the print head height that is optimal for the media you are using, compatibility with the media is improved, the risk of contact is reduced, and consistent print quality is achieved.



◆MUTOH genuine eco-solvent ink MS41

The printer uses MS41 eco-solvent ink, which boasts excellent color development, outdoor durability, and ease of maintenance. MS41 ink has earned the UL GREENGUARD Gold certification, a U.S. environmental standard, and is certified to not release harmful chemicals into the surrounding areas. This ink is environmentally- and operator-friendly.



Product specifications

Model		XPJ-1641SR-P2
Print head	Print method	On-demand piezo drive system
	Height adjustment	Low1: 1.5mm, Low2: 2.0mm, Middle: 2.5mm, High: 4.0mm
	Number	1
Media	Roll media width	Maximum: 1,625mm Minimum: 500mm
	Max. thickness	Recommended 1.0mm or less
	Diameter	Φ200mm or less
	Core diameter	2 or 3 inches
	Weight	30kg or less
Maximum printable width		1,615mm
Ink	Type	Eco-solvent ink MS41
	Color	4 colors (Cyan, Magenta, Yellow, Black)
	Capacity	1,000ml ink bag
Interface		Gb-Ethernet (1000BASE-T)
Power supply		Voltage: AC 100V~120V ±10% / AC 200V~240V ±10% Frequency: 50/60Hz ±1Hz
Print environment	Printer operation	Temperature: 20°C~32°C Humidity: 40~60%RH no condensation
	Accuracy guaranteed	Temperature: 22°C~30°C Humidity: 40~60%RH no condensation
Power consumption	Operation	812.0W or less (Peak: 2.3kW or less)
	Ready to print	52.0W or less
Dimensions (W×D×H)		2,770mm x 895mm x 1,611mm (with 1,000ml ink case installed)
Weight		173kg (Printer body: 141kg Stand: 32kg)
RIP software		Genuine RIP software VerteLith

*Specifications are subject to change without notice.

Exhibition information

MUTOH America Inc., MUTOH's overseas sales subsidiary, plans to announce and exhibit XpertJet 1641SR Pro II at the following exhibition:

- Name: PRINTING United Expo 2025
- Place: Orlando, Florida, USA
- Date: October 22nd ~ 24th 2025

MUTOH aspires to be a corporate group that is constantly evolving, creating value, and continuing to provide “reliability” and “trust” to its users. By bringing XpertJet 1641SR Pro II to the market, MUTOH will continue to respond to the diverse needs of its customers.

Contact

MUTOH HOLDINGS CO. LTD.
Legal department public relations
E-mail: muto-legal@mutoh.co.jp
Homepage: <https://www.mutoh-hd.co.jp/en/>