



XpertJet 1641SR Pro

Eco Solvent Inkjet Printer

The best-balanced model for high image quality and high productivity



The MUTOH XpertJet series delivers outstanding print quality and high productivity. The XpertJet 1641SR Pro inherits a platform designed to improve operability and reduce operational workload. It is an uncompromising standard model that balances high image quality and high productivity by adopting a new print head.

The MS41 eco-solvent ink paired with the printer excels in color development, weather resistance, and ease of maintenance. The ink has been certified UL GREENGUARD Gold, making it environmentally and also operator friendly.

The XpertJet 1641SR Pro brings the best "Made in Japan Quality" to various markets such as banners, trade show graphics, indoor and outdoor signs, POP displays, vehicle wrap and more.







MUTOH "Made in Japan Quality"

The integration of three features enables high quality printing

New print head "AccuFine"



"AccuFine" is a new extra wide and high density piezo print head. It achieves high productivity and high image quality thanks to extremely precise ink dot placement.



New print effect "i-screen"

"i-screen" is created by evolving MUTOH's "Intelligent Interweave" printing technology. By arranging the dots in a way that takes into account how they look, this reduces banding for smoother print images.





i-screen



MUTOH genuine RIP software

VerteLith

"VerteLith" optimizes the performance of the

The MUTOH original halftone technology delivers better skin tones with smoother gradation and less variation in color density

MUTOH's unique technologies for automation and efficiency

Automatic Bi-D adjustment "DropMaster 2"

A built-in sensor on the carriage automatically calibrates bi-directional alignments, and saves time and reduces validation in adjustment among different operators.



Nozzle selection function "Nozzle Area Select"

Nozzle area select temporarily prints using selected areas of active nozzles when clogged nozzles fail to recover. It is a reliable function that ensures seamless operation.

Automatic media feed adjustment "FEED MASTER"

By printing a print pattern and reading it with a sensor, paper feed correction is performed automatically.





[After feed correction]

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Media

Tracker

Media roll balance management "Media Tracker"

Media tracker manages the remaining media by printing barcodes before removing a roll in use. It will read the barcode when reloading that roll. Streamlines management of remaining capacity for multiple media.

[Before feed correction]

Automatic nozzle checking unit (optional)

It is available to add a module to the print head that can optically monitor the ink jetting. Automatically detects missing nozzles and performs nozzle cleaning. If nozzles are not recovered, the Nozzle Area Select automatically activates to continue printing.

High media handling and transport

Nozzle

Select

Area

4 step PG setting

Select optimal head height setting to reduce the risk of print head contact and maintain stable print quality.



Specifications

Print head	Print method	On-demand piezo drive system	
	Head height	Low1: 1.5mm, Low 2: 2.0mm, Middle: 2.5mm, High: 4.0mm	
Media	Maximum roll media width	Maximum: 1,625mm Minimum: 500mm	
	Maximum media thckness	Low1:0.3mm, Low2:0.8mm, Middle:1.3mm, High:2.8mm *1mm or less is recommended.	
	Diameter	Φ200mm or less	
Maximum printable width		1,615mm	
Ink	Туре	Eco solvent ink	
	Color	4 colors (Black, Cyan, Magenta, Yellow)	
	Amount	1000ml bag/300ml bag	
Print resolution		Maximum 1200dpi	
Interface		Gb-Ethernet (1000BASE-T)	

Multi-stage pressurizing mechanism

Four levels of pressure applied to the media thanks to adjustable media set lever and pressure arms expand media feed capability. Partial pressure cancel mechanism is effective in preventing media cockling.



Power supply	Printer	Voltage: AC 100V~120V ±10% / AC 200V~240V ±10% Frequency: 50/60Hz ±1Hz
Power supply	heater	Voltage: AC 100V~120V ±10% / AC 200V~240V ±10% Frequency: 50/60Hz ±1Hz
Environmental condition Printer operation		Temperature: 20°C~32°C Humidity: 40%~60% No condensing
Power	Operation	AC100V~120V/AC200V~240V, 1100W or less
consumption	Sleep mode	AC100V~120V/AC200V~240V, 30W or less
External dimensions (W)x(D)x(H)		Printer with stand: 2,770mm x 895mm x 1,428mm (when cover closed) / 1,527mm (when cover opened) When ink case is installed: 2,770mm x 895mm x 1,611mm
Weight		Printer: 141kg Stand: 32kg
RIP Software		VerteLith (MUTOH genuine RIP software)

