MUTOH
Creation, we make it happen ...

XpertJet 1681SR Pro

Eco-Solvent Inkjet Printer



Natural gradation and vivid color expression that you've been looking for!

Single head model compatible with 8 ink colors
Equipped with high-density AccuFine HD Pro print head

Nozzle rows: 8
Nozzle count: 3200



High density nozzles



8-color configuration (CMYK + Lc, Lm, Lk, Or)

Reduce graininess in skin tones and achieve natural gradations with Light inks (Lc, Lm, Lk)

Orange ink covers the warm color gamut, exceling at vivid reproduction of corporate colors and advertisement etc.



Eco-solvent ink MS41

Excellent outdoor durability (equivalent to 3 years)*, abrasion, and chemical resistance
*For Orange ink: 3.8 years when laminated and 1.3 years when not.

Low maintenance burden on operators

Storage stability (2-year shelf life post manufacturing)

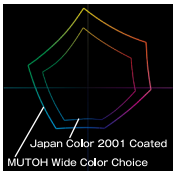
UL GREENGUARD Gold Certified

Original input profile MUTOH Wide Color Choice

MUTOH WIDE COLOR CHOICE

*For more vivid **reds** and deeper **blacks**!*

Introducing MUTOH Wide Color Choice, an input profile that maximizes color reproduction of inkjet printers! MUTOH Wide Color Choice focuses on dark color areas that were previously difficult to reproduce, expanding the color range. It maximizes the performance of MUTOH inks, enabling printing with even better color reproduction than before.



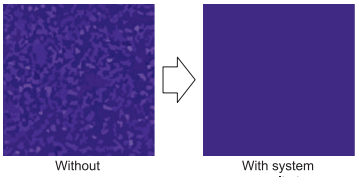
Newest printing control system that realizes high image quality i-Screen EX System

By controlling the screen, you can improve the unevenness of solid dark areas and the streak-like unevenness in the paper feed direction.

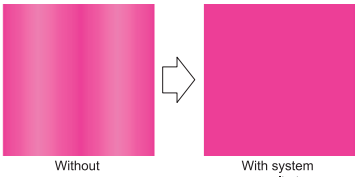
Close-up

*Illustrations are for reference only

Fills in solid dark areas well



Reduces visible unevenness



Print speed

8 colors (C, M, Y, K, Lc, Lm, Lk, Or), recommended modes

Banner (900x600/8P/BiD/460cps)	12.85 ㎡ /h
Production (900x900/12P/BiD/460cps)	8.47 ㎡ /h
Quality (900x900/12P/BiD/320cps)	6.42 ㎡ /h
High Quality (900x1200/16P/BiD/320cps)	4.91 ㎡ /h



Outdoor advertising



Indoor advertising



Banners



Car wrapping

XpertJet 1681SR Pro



W1625mm
Media width
Max.1625 mm

CMYKLcLmLkOr

Main specifications

Print head	Print method	On-demand piezo drive system
	Height adjustment	Low1: 1.5 mm, Low2: 2.0 mm, Middle: 2.5 mm, High: 4.0 mm
	Number	1
Media	Roll media width	Maximum: 1,625 mm Minimum: 500 mm
	Max. thickness	Recommended 1.0 mm or less
	Diameter	Ø200 mm or less
	Weight	30 kg or less
	Core diameter	2 or 3 inches
Maximum printable width		1,615 mm
Ink	Type	Eco-solvent ink MS41
	Color	8 colors (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Light Black, Orange)
	Capacity	1,000 ml ink bag, 300 ml ink bag (Orange only)
Interface		Gb-Ethernet (1000BASE-T)
Power supply		Voltage: AC 100–120 V ±10 % / AC 200–240 V ±10 % Frequency: 50/60 Hz ±1 Hz
Print environment	Printer operation	Temperature: 20–32 ℃ Humidity: 40–60 % no condensation
	Accuracy guaranteed	Temperature: 22–30 ℃ Humidity: 40–60 % no condensation
Power consumption		Operation: 812.0 W or less (Peak: 2.3 kW or less), Ready to print: 52.0 W or less
Dimensions (W×D×H)		2,770 mm × 895 mm × 1,611 mm (with 1,000 ml ink case installed)
Weight		174 kg (Printer body: 142 kg, Stand: 32 kg)
RIP software		Genuine RIP software VerteLith

*Specifications are subject to change without notice.
*XpertJet 1681SR Pro has 8 ink slots. When delivered, clean the printer with 8 bottles of cleaning liquid, then fill with ink.

Optional items

Product name	Model	Details	
Option	IJ-TUP30-01	Take-up unit (Supports up to 30 kg media)	
	VJ16/19-TUP40U	Take-up unit (Supports up to 40 kg media)	
	IJ-TUP100-01	Take-up unit (Supports up to 100 kg media)	
	MEDIA-FLANGE	Roll Media Flange	One-sided 1 piece
	MEDIA-FLANGE-H	Roll Media Flange High Torque	One-sided 1 piece
	IJ-ICA1000BK-01	Ink case 1000 (BK)	4 pieces
	IJ-NZMD-01	Nozzle check unit	

Supplied items

Product name	Model	Details	
MS41 ink	MS41-CY1000U	Cyan (CY)	1,000 ml bag
	MS41-MA1000U	Magenta (MA)	1,000 ml bag
	MS41-YE1000U	Yellow (YE)	1,000 ml bag
	MS41-BK1000U	Black (BK)	1,000 ml bag
	MS41-LC1000U	Light Cyan (LC)	1,000 ml bag
	MS41-LM1000U	Light Magenta (LM)	1,000 ml bag
	MS41-LK1000U	Light Black (LK)	1,000 ml bag
	MS41-OR300U	Orange (OR)	300 ml bag
Cleaner	MS41-CL300U	Cleaner	300 ml bag
Supply	VJ-CB	VJ Cutter blade	1 piece
	RH2 Clean stick	Cleaning stick	100 pieces
	IJ-RWPS-01	Replaceable Wiper Set	2 pieces
	IJ-RWPSH-01	Replaceable Wiper Set H (for PG High)	2 pieces
	DROPPER 6 PACK SET	Dropper 6 pack set	
	IJ-FLABS-02	Flushing pad	3 pieces
	IJ-RLCLNK-01	Rail cleaner kit	
	VJ-ULVA1-ML500U	Maintenance cleaner	500 ml bottle

For more details, please visit the MUTOH Webpage.

NOTE!

Listed company and product names are trademarks or registered trademarks of the respective companies. Some of the images and samples in this catalog are composite images. Product specifications and product appearance are subject to change without notice for improvement reasons. Product specifications and product appearance listed in this catalog are current as of April 2026.
Inkjet printers print at extremely high-resolution dot sizes, so colors may vary slightly after replacing the print head. Also, if you are using multiple printers, please note that colors may vary between each printer. This product cannot print on all media. We recommend that you perform testing before selecting the media.

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For purchase inquiries

www.mutoh-au.com