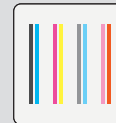




Natural gradation and vivid color expression that you've been looking for!

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, excelling 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



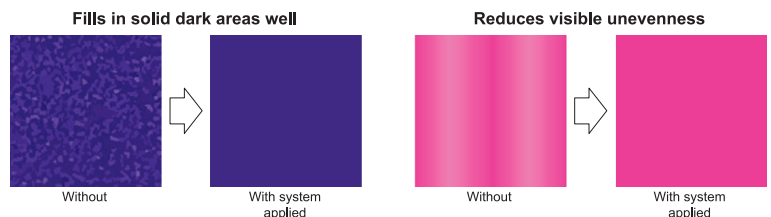
Introducing MUTOH Wide Color Choice, an input profile that maximizes color reproduction of inkjet printers! MUTOH Wide Color Choice focuses on dark color areas that were previously difficult to reproduce, expanding the color range. It maximizes the performance of MUTOH inks, enabling printing with even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



Print speed

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

| | |
|---|-------------------------|
| Banner (900x600/8P/BiD/460cps) | 12.85 m ² /h |
| Production (900x900/12P/BiD/460cps) | 8.47 m ² /h |
| Quality (900x900/12P/BiD/320cps) | 6.42 m ² /h |
| High Quality (900x1200/16P/BiD/320cps) | 4.91 m ² /h |



Outdoor advertising



Indoor advertising



Banners



Car wrapping

XpertJet 1681SR Pro



Media width
Max. 1625 mm



CMYKLCmLkOr

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 °C Humidity: 40–60 % no condensation | |
| | Accuracy guaranteed | Temperature: 22–30 °C 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.

MUTOH
MUTOH INDUSTRIES LTD.

www.mutoh.co.jp/en/



For purchase
inquiries

