

For Immediate Release

**MUTOH introduces two new high-quality and high-resolution
Eco-Solvent Printers "XpertJet 1682SR/1641SR"
Newly designed platform ensures easy maintenance & usability**

MUTOH INDUSTRIES LTD

MUTOH INDUSTRIES LTD, a leading manufacturer of wide-format inkjet printers, affiliated with MUTOH HOLDINGS CO., LTD. today announces the launch of two new high-quality, high-production eco-solvent printers the "XpertJet 1682SR/1641SR".

The new platform of "XpertJet" series printers, paired with MUTOH's new "MS41" eco-solvent ink provides improved usability and reduces operational workload which will ensure high-quality prints, high production output, and user-friendly operation.



Dual-head model : XPI-1682SR

Single head model : XPI-1641SR

XpertJet

The "XpertJet 1682SR" is a high-speed eco-solvent printer equipped with a staggered dual print heads capable to produce outstandingly smooth gradations with a 7-colour ink set (CMYK, Lc, Lm, Lk). The "XpertJet 1641SR" is a 4-colour ink set (CMYK) single head model that offers an excellent balance of performance, image quality and an affordable price range.

The new platform from MUTOH has been renewed with an updated modern look featuring a sleek black design as well as added features to overall enhance the user experience and output quality. MUTOH's unique "multi-stage pressurizing mechanism" enhances media feed stability for various media by selecting the mode such as "high" for slippery media, "default (middle)" for standard PVC sheets and synthetic papers, and "low" for thin and soft media. Furthermore, media cockling can be minimized by canceling multiple pressure rollers individually.

The features of the "XpertJet 1682SR" and "XpertJet 1641SR" printers

- **High Precision Aluminum Rail Mechanism** - for high quality and stable printing
- **Automatic Bi-Directional alignment with built-in colour sensor**- save time by automatically calibrating printer alignments, increasing ease of use
- **Multi-stage pressurizing mechanism** - enhances media feed stability for various media
- **Internal LED lighting** - illuminates work area to easily monitor print status
- **LED warning indicators** – for each ink cartridge slot, showing remaining ink levels
- **New LED touch panel** - user friendly touch panel which only displays keys necessary for desired functions
- **MUTOH Status Monitor (MSM)** - checks the printer's operation status in real time. **MSM mobile** provides monitoring with a smartphone or tablet
- **New media feed flange** - allows operators easy media loading. When the flanges have been mounted in advance, it becomes easy and quick exchanges multiple rolls.

The MUTOH's new eco-solvent ink "MS41" ensures easy maintenance and provides a larger colour gamut, outstanding durability and improved dot gain in high density area. It is available in CMYK, Lc, Lm, Lk in a 1L bag.

The "XpertJet 1682SR" delivers high-quality printing even with reduced resolution thanks to the 7-colour configuration.

Following the launch in Japan, "XpertJet 1682SR" and "XpertJet 1641SR" will be released sequentially in the US, EMEA and Asia.

MUTOH delivers the new large-format "XpertJet" series of printers to the market and will continue its efforts to provide user-friendly operation, quality and value to customers.

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<Product Specifications>

| Model Name | | XPJ-1682SR | XPJ-1641SR |
|---------------------------------|--------------------------|--|--|
| Print head | Print method | On-demand piezo drive system | |
| | Head Height | Three-level adjustment of Low 1.5mm, Mid. 2.5mm, and High 4.0mm | |
| | Number | 2 staggered | 1 |
| Media | Maximum roll media width | Maximum: 1625mm Minimum: 500mm | |
| | Maximum media thickness | 0.3mm (the head height is set to Low) 1.3mm (the head height is set to Mid) 2.8mm (the head height is set to High) | |
| | Diameter | Φ150 mm or less | |
| | Tube diameter | 2 inches or 3 inches | |
| | Weight | 30 kg or less | |
| Maximum printable width | | 1615mm | |
| Maximum print length | | 1500m | |
| Ink | Type | Eco-solvent ink | |
| | Colour | 4-color (Black, Cyan, Magenta, Yellow) 7-color (Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Light Black) | 4-color (Black, Cyan, Magenta, Yellow) |
| | Amount | 1000ml ink bag | |
| Print resolution | | Maximum 1440dpi | |
| Interface | | Gb-Ethernet (1000BASE-T) | Ethernet(10BASE-T, 100BASE-TX) |
| Power supply | Printer | Voltage: AC 100V~120V ±10% / AC 200V~240V ±10% Frequency: 50/60Hz ±1Hz | |
| | 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 condensation | |
| | Accuracy Guaranteed | Temperature: 22°C~30°C Humidity: 40%~60% No condensation | |
| Power consumption | Operation | AC100V~120V/AC200V~240V, 1100W or below | |
| | Sleep Mode | AC100V~120V/AC200V~240V, 30W or below | |
| External dimensions (W)x(D)x(H) | | Main body: 2770mmx895mmx1428mm(cover closed),1527mm(cover opened)/(when installing ink bag cases:1611mm) | |
| Weight | | Main body: 146kg Stand: 32kg | Main body: 142kg Stand: 32kg |
| RIP software | | FlexiSIGN & PRINT MUTOH Edition, ONYX | |

*Specifications are subject to change without notice

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