Built for Professionals

XpertJet
1682SR / 1641SR
Eco-Solvent Printers

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The "XpertJet 1682SR/1641SR" are high-quality and high-production eco-solvent printers. 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.

The XpertJet 1682SR is a high-speed eco-solvent printer equipped with 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 (CMYK), single head model that offers an excellent balance of performance, image quality and an affordable price range.

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

Outdoor sign

Vehicle wrap

banner

MUTOH "Made in Japan Quality"

1. High Precision Aluminum Rail Mechanism - for high quality and stable printing
2. Multi-stage pressurizing mechanism - enhances media feed stability for various media
3. New 7 colour eco-solvent ink - provides high image quality and high productivity
4. Automatic Bi-Directional alignment with built-in colour sensor- save time by automatically calibrating printer alignments, increasing ease of use
5. 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.
6. MUTOH Status Monitor (MSM) - checks the printer's operation status in real time. MSM mobile provides monitoring with a smartphone or tablet
7. New LED touch panel - user friendly touch panel which only displays keys necessary for desired functions
8. New cover design - allows high usability for front access to ink cartridge holders, LAN cable and power cable
9. Internal LED lighting - illuminates work area to easily monitor print status

Front access

High Precision Aluminum Rail Mechanism

Internal LED lighting

Multi-stage pressurizing mechanism

LED touch panel

New media feed flange

XpertJet		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	Width	Maximum 1625mm / Minimum 500mm	
	Max. thickness	Low: 0.3 mm Mid: 1.3 mm High: 2.8 mm	
	Diameter	Φ150 mm or less	
	Tube diameter	2 inches or 3 inches	
	Weight	30 kg or less	
Maximum print width		1615mm	
Maximum print length		1500m	
Ink	Type	Eco-solvent ink	
	Colour	4-colour (K·C·M·Y) / 7-colour (K·C·M·Y·Lc·Lm·Lk)	4-colour (K·C·M·Y)
	Amount	1000ml ink bag	
Print resolution		Max.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	
Environment condition	Printer Operation	Temperature: 20℃~32℃ Humidity: 40%~60% No condensation	
	Accuracy Guaranteed	Temperature: 22℃~30℃ Humidity: 40%~60% No condensation	
Power consumption	Operation	AC100V-120V±10% / AC200V-240V±10%, 1100W or below	
	Sleep Mode	AC100V-120V±10% / AC200V-240V±10%, 30W or below	
External dimensions (W) x (D) x (H)		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	

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