



Sign & Display



64" Sign & Display Printer for Quality & Speed

The 64" (162 cm) wide XpertJet 1641SR Pro sign & display printer will deliver everything you have come to expect from a Mutoh wide format printer – a robustly built and reliable printer, delivering you **high quality output – first time, every time.**

The successor to the XpertJet 1641SR model, the XPJ-1641SR-P has our new AccuFine extra wide piezo print head on board, delivering best in class drop placement accuracy and i-screen, our new weaving algorithm which suppresses banding even further. The VerteLith RIP integrates Mutoh proprietary Clear Tone Screening, delivering the best gradients and skin tones, free of any noise.

The Mutoh MS41 sign & display inks have obtained GREENGUARD Gold certification at the highest level meaning output can be used at full room coverage, even in sensitive environments such as schools and hospitals.

Product Highlights

- 64" / 162 cm wide sign & display printer
- New AccuFine extra wide print head
- New i-screen weaving suppresses banding even further
- New VerteLith Clear Tone Screening delivers best gradients and skin tones
- Quality Up : best in class drop placement accuracy
- Speed Up : up to 201 % faster vs. XpertJet 1641SR
- Unrivalled user assistance : multiple automated features delivering increased efficiency and productivity.
- GREENGUARD Gold certified MS41 inks – highest level!
- Motorised take up systems : 30, 40 & 100 kg

Application Possibilities

High quality volume production of sign and display graphics, for long-term outdoor applications and durable prints for indoor use : signage, stickers & labels, interior décor, soft signage, fine art, ...





64" Wide



Piezo Variable Drop



Indoor / Outdoor



Quality Up



Speed Up

Specifications

Maximum Media Width	1625 mm – 64"
Maximum Print Width	1615 mm – 63.58"
Number of Print Heads	1 AccuFine print head
Resolutions	300 x 600 dpi until 1200 x 1200 dpi
Variable Head Height	4 levels: 1.5, 2.0, 2.5, 4.0 mm
Media Thicknesses	0.3, 0.8, 1.3, 2.8 mm
Productivity	
On self-adhesive PVC	10.9 m ² /h
On banner/tarps	15.5 m ² /h
Top Speed	41.8 m ² /h
Inks	MS41: 4 colours CMYK – GREENGUARD Gold
	UV durability without lamination up to 3 years outdoor ^{*1}
Ink Containers	300 ml & 1 liter disposable ink packs
RIP	VerteLith™ - Mutoh Genuine RIP software
Weight	173 kg
Dimensions (WxDxH) mm	2770 x 895 x 1428 mm

^{*1} For heavy duty applications where mechanical stress or environmental impact is involved (floor, vehicle and marine graphics), lamination is required. Stabilisation is required prior to lamination.

Unrestricted Level of Use



Our MS41 sign & display inks have obtained GREENGUARD Gold certification at the highest level for building products and interior finishes. Prints can be used at full room coverage, even in sensitive environments such as schools and hospitals.

The Three Key Building Blocks of XpertJet 1641SR Pro



- > NEW extra wide piezo print head
- > 33 % wider, 11 % more nozzles
- > Increased optical resolution
- > Best-in-class dot placement accuracy
- > Improved nozzle stability & dot quality



From the inventors of Intelligent Interweaving

- > Fourth generation weaving algorithm
- > Overall higher print quality
- > Banding free output over wider speed range



- > Mutoh genuine RIP software
- > Optimises performance of 1641SR Pro
- > Mutoh proprietary Clear Tone Screening for better gradients and skin tones, even in 4-colour setup
- > Extensive features list to tackle any sign & display job

High User Assistance for Uninterrupted Production

The XPJ-1641SR Pro delivers the highest level of user assistance thanks to the integrated sensor which enables multiple automated adjustments (bi-dir alignment, media feed adjust, tracking of remainder media on a roll). These automated features will deliver increased efficiency and avoid waste. Users can also disable nozzle areas on the head in case of blocked nozzles to continue production. With the optional automatic nozzle check unit, the printer will automatically detect missing nozzles and take appropriate action to continue production, without user intervention.



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