



Sign & Display



64" Sign & Display Printer for Quality & Speed

The 64" (162 cm) wide XpertJet 1682SR Pro twin head 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.**

Delivering sellable production speeds up to 35 m²/h, the XPJ-1682SR-P has two AccuFine HD 3200 nozzle piezo print heads on board, delivering best in class drop placement accuracy and i-screen, Mutoh's new weaving algorithms which suppress banding even further. The VerteLith RIP integrates Mutoh proprietary Clear Tone Screening, delivering the best gradients and skin tones, free of any noise.

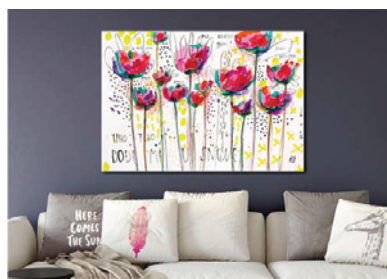
Our pioneering quick dry MS51 series sign and display CMYK ink set is hazard free and free of gBL. The MS51 inks fulfill the requirements of today's sign professionals with regards to long time outdoor and indoor signage applications.

Product Highlights

- 64" / 162 cm wide sign & display printer
- Two AccuFine HD 3200 nozzle print head
- Hazard free no gBL sign & display inks
- Quality Up : best in class drop placement accuracy
- Speed Up : up to 176 % faster vs. XpertJet 1682SR
- i-screen weaving suppresses banding even further
- VerteLith Clear Tone screening delivers best gradients and skin tones
- Multiple automated adjustments for uninterrupted production
- 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 : vehicle wraps and graphics, signage, stickers & labels, interior décor, soft signage, point-of-sale displays, 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	2 AccuFINE HD 3200 nozzle print heads
Drop Mass Range	3.44 pl - 17.71 pl
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	Typical production speeds between 9.7 m ² /h (1200 x 1200 dpi) and 35 m ² /h (600 x 600 dpi)
Top Speed	67.6 m ² /h
Inks	MS51: 4 colours CMYK – Hazard-free no gBL UV durability without lamination up to 3 years outdoor ^{*1}
Ink Containers	1 liter disposable ink packs
RIP	VerteLith™ - Mutoh Genuine RIP software
Weight	Printer : 141 kg / Stand : 32 kg
Dimensions (WxDxH) mm	2770 x 895 x 1428 mm (cover closed) 2770 x 895 x 1527 mm (cover open) 2770 x 895 x 1611 mm (Ink Cases installed)

^{*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.

MS51 Hazard Free no gBL inks

Mutoh's MS51 CMYK inks are cost-effective quick dry sign & display inks. The MS51 inks offer market leading health and safety features : they do not carry any danger or hazard symbols, are gBL free and allow ozone free printing. As such, they can be used in regular offices, home based businesses or small retail environments.



Our MS51 sign & display inks have obtained GREENGUARD Gold certification at the highest level for building products and interior finishes.

The Three Key Building Blocks of XpertJet 1682SR Pro



- > NEW extra wide piezo print heads
- > 33 % wider, 2.2 times more nozzles*
- > Increased optical resolution
- > Best-in-class dot placement accuracy
- > Improved nozzle stability & dot quality

* vs XPJ-1682SR



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 1682SR 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-1682SR 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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