



Sign & Display



8 Colour Sign & Display Printer

The 64" (162 cm) wide XpertJet 1682SR Pro twin head 8 colour 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 15 m²/h, & top speeds up to 37.1 m²/h, the printer is equipped with two AccuFine HD 3200 nozzle piezo heads and has been specifically developed for high quality volume production of indoor and outdoor sign & display graphics.

Configured in 8 colour setup (C, M, Y, K, Lc, Lm, Lk, Or - GREENGUARD Gold certified inks) the XPJ-1682SR Pro will allow you to say yes to a wider range of applications. The orange ink will allow you to produce a new range of reds, oranges and yellows. Thanks to the Light Cyan and Light Magenta inks, the lighter colours - especially skin tones and colour gradients - will come out perfectly. The Light Black ink offers the advantage that grey gradients are printed much better and without any colour shift.

Product Highlights

- 64" / 162 cm wide sign & display printer
- Two AccuFine HD 3200 nozzle print heads
- 8 colour channels - CMYK, Lc, Lm, Lk, Or
- MS41 GREENGUARD Gold certified inks
- Quality Up : best in class drop placement accuracy
- Speed Up : up to 189 % 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 sign & 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, ...





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	2.5 pl - 17.5 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 3.0 m ² /h (1200 x 1200 dpi) and 15.2 m ² /h (600 x 1200 dpi)
Top Speed	37,1 m ² /h (600 x 600 dpi)
Inks	MS41: 8 colours C, M, Y, K, Lc, Lm, Lk, Or UV durability without lamination up to 3 years outdoor ^{*1}
Ink Containers	300 ml or 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}Durability test performed using CMYK ink set. 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 1682SR Pro

AccuFINE

- > 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

i-screen

From the inventors of Intelligent Interweaving

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

VerteLith

- > 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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