



Sign & Display



8 Colour Sign & Display Printer

Creating durable prints on coated and uncoated substrates up to 1625 mm (63.97”), Mutoh’s 8-colour XpertJet 1682SR printer has been specifically developed for high quality volume production of sign and display graphics.

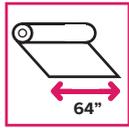
The printer produces posters, backlit signage, wall coverings, point-of-sale displays, fine art reproductions, vehicle graphics, stickers and much more.

The XPJ-1682SR can be configured in both 2 x 4 CMYK or in 8C (C, M, Y, K, Lc, Lm, Lk, Or) setup. Whilst the 2x4 setup is oriented at volume/speed production, the 8C setup 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 Lc and Lm 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

- Piezo drop on demand printer - 162 cm / 64”
- 8 colour channels : CMYK, Lc, Lm, Lk, Or or 2x4 CMYK
- Excellent user experience ranking : illuminated print platform, new multi-language intuitive OLED display and enhanced media handling & transport
- Multiple automated adjustments (bidirectional alignment, media feed adjust, tracking of remainder media on a roll)
- Mutoh VerteLith genuine RIP software standard included
- Dual Ink Type – new generation MS41 inks and award winning UMS11 inks
- GREENGUARD Gold certified MS41 inks
- Motorised take up systems : 30, 40 & 100 kg
- For starters or established print shops needing extra versatility and flexibility as well as for businesses focusing on the combination of speed production and top quality print work.





64" Wide



Piezo Variable Drop



CMYK + Lc + Lm + Lk + Or



UX Ranking



Indoor / Outdoor



KEY SPECIFICATIONS

XpertJet 1682SR

Print Head	2 piezo heads (staggered)
Nozzle Configuration	180 nozzles x 8 lines/head
Drop Volume Range (pl)	3.5 to 35
Resolutions	360x360, 360x720, 720x720, 720x1080, 720x1440 & 1440x1440 dpi
Head Heights	Low: 1.5 mm / Middle : 2.5 mm / High : 4.0 mm
Media Thickness (*1)	0.3 / 1.3 / 2.8 mm
Media Width	minimum 500 mm (19.69") up to 1625 mm (63.97")
Max. Print Width	1615 mm (63.58")
Media Measurements (*2)	Ø 150 mm / 2" or 3" / 30 kg
Ink Types / Volumes	MS41 inks - 300 ml & 1L packs / UMS11 inks - 1L packs
RIP Software	Included - VerteLith RIP Software
Take-up System	Included - 30 or 40 kg motorised torque winder or 100 kg feed & take-up system

(*1) Maximum media thickness is specified per head height. (*2) Standard non-motorised roll-off system.

PERFORMANCE ¹

	XpertJet 1682SR	
Colour Setup	C M Y K Lk Lc Lm Or	C M Y K C M Y K
Production Sweet Spot	4.8 – 7.6 m ² /h	9.6 – 15.0 m ² /h
Speed Range ²		
Fast Production Range ³	5.3 - 17.0 m ² /h	11.5 - 33.1 m ² /h
Maximum Speed ⁴	48.1 m ² /h	87 m ² /h

- 1 To discover the XpertJet's performance in function of your application, please contact a Mutoh Certified Distributor for a demonstration.
- 2 The indicated speed range can be used for worry free printing, allowing the broadest type of work and graphics selection ranging from poster to small detailed stickers for short viewing distances.
- 3 Speedy output for selective production. Media, application & print viewing distance dependent.
- 4 Maximum speed (360 x 360). Applicability to be judged on individual basis.



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.

High User Assistance for Uninterrupted Production

The XPJ-1682SR 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.



- > Mutoh genuine RIP software
- > Optimises the performance of the 1682SR
- > 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



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