



JETSCI M Series

High Speed Industrial Inkjet Systems
Monochrome Variable Data Printing

• Innovative • Flexible • Affordable • Profitable

Seamless integration on to
existing Web Press, Sheetfed or
Offline Substrate Carriers

- 72mm print width/module
- Resolution (Native) of 360 dpi
- Black, spot color, varnish, security inks etc.
- 8 Grey Levels
- Speed upto 180m/min
- Low cost of ownership
- Fast ROI

Ideal solution for VDP

Integrated with Konica Minolta 1024i Inkjet Printhead, Standard equipment has an industrial controller built Monotech Systems' own manufactured, JETSCI M Series, prints variable data accurately and economically at high speeds. Barcodes, text, numbers, images and other printed variable data comes out very sharp and of highest level of quality with 100% readability & scanability. Systems can be integrated easily to customer's existing production line and they can upgrade their conventional printing setup with digital production system.

and designed according to the 24 X 7 production environment with pre-installed advanced VDP software to print data in real time. Bespoke projects can be undertaken where the systems can be configured as per customer's requirements like number of colors, higher speeds, resolutions and print widths.

Key Applications

- Barcodes & 2-D/QR codes
- Variable text
- Logical and sequential numbers
- Logos and variable images
- OMR and litho codes
- Custom fonts & symbols
- Micro text and security features
- Full or part page variable data
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Technical Specifications

Printhead	Konica Minolta 1024i Series (Piezo DOD)
Print Width mm	Multiple of 72mm
Print Resolutions	180, 360, 720 DPI
Speed	Upto 180m/min (Inks, resolution and printhead type dependent)
Drop Volume	13 pL (8 Grey Levels)
Ink Type	UV Curable, Water Based Dye/Pigment
Ink Tanks	2-10 Litres (Custom Sizes Available)
Standard Color	Monochrome
Ink Options	Black, C, M, Y, Spot, White, Varnish, Security inks
Recommended Substrates	Paper, Coated, Glossy, Films, Plastics, Polyester, Aluminium Foils, Labels, PVC, Carton, PET, Tyvek etc.
VDP Software Input Format	BMP, JPEG, PNG, TIFF, CSV, TXT, XLS, Database File, PDF Printing (Optional)
Controller Configuration	Industrial PC with 64 - Bit Windows 7, 16/32/64 GB RAM, 256 GB SSD (Configurable)
Optimum Temp & Humidity Range	18 - 30 degree C / 40-60 percent
Air Supply Requirements	Compressed clean & dry air, 6-8 (Required in some configurations)
Electrical Requirements	220-240 V, 50 Hz, 10 A (Only for Inkjet System)



Above specifications are standard and does not apply to all systems. Please discuss the country specific applicants and electrical requirements with our sale representatives and consult our technical team before making any site preparation.



You Tube Channel (Videos):
JETSCI Global



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