JETSCI X 1 / X 2 Series

High Speed Industrial Inkjet Systems
Monochrome Variable Data Printing

• Innovative • Flexible • Affordable • Profitable

Seamless integration on to ultra high speed Narrow & Wide Web presses

- **43mm print width/module**
- **Resolution (Native): 1200 dpi**
- **Black, spot color, security inks etc**
- **Speed upto 300m/min**
- **Low cost of ownership**

ULTRA HIGH SPEED 300m/min

Ultra High Speed and Quality Solution for VDP

Integrated with Fujifilm Dimatix Samba Inkjet Printhead, Monotech System's own manufactured, JETSCI X 1 / X 2 Series, prints variable data accurately and economically at Ultra high speeds specially to address the requirements of Rotogravure and News Printing presses. Barcodes, text, numbers, images and other printed variable data comes out very sharp and of highest level of quality with 100% readability & scanability. Customer's can convert existing conventional printing process to digital production line by retrofitting inkjet solution.

Standard equipment has an industrial controller built 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.

Key Applications

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

Samba

Technical Specifications

Print Head	Fujifilm Dimatix Samba
Print Width	Multiple of 43 mm
Print Resolutions	300, 600, 1200 DPI
Speed	Upto 300m/min (Inks, Resolution and Print Head type dependent)
Drop Volume	2.4 pL (Grey scale / Binary mode)
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, 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
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.

Labels

Tickets

Business Forms

Flexible Packaging

Packaging

Newspaper/Magazine

Plastic Cards

Wide Web Applications

CE

You Tube Channel (Videos):
JETSCI Global

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