JETSCI RL 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

- **Most economical solution for VDP**
- **33mm print width/module**
- **Resolution (Native) of 300 dpi**
- **Black, spot color, security inks**
- **Speed upto 100 m/min**
- **Lowest cost of ownership**

Revolutionary Low Cost Inkjet Imprinting System

Integrated with RICOH Inkjet Printhead, Monotech Systems' own manufactured, JETSCI RL 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.

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 like number of color, higher speeds, resolutions and print widths.

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Key Applications

- Barcodes & 2-D/QR codes
- Variable text
- Logical and sequential numbers
- Logos and variable images
- OMR and litho codes
- Custom fonts & symbols

Technical Specifications

Printhead	RICOH Gen 4 (Piezo DOD)
Print Width mm	Multiple of 33mm
Print Resolutions	Upto 300, 600 DPI
Speed	Upto 100m/min (Inks, resolution and printhead type dependent)
Drop Volume	7-35 pL (6 Grey Levels)
Ink Type	Aqueous (Water based) Dye/Pigment
Ink Tanks	2-10 Litres (Custom Sizes Available)
Standard Color	Monochrome
Recommended Substrates	Uncoated Paper, Porous/Absorbent
VDP Software Input Format	BMP, JPEG, PNG, TIFF, CSV, TXT, XLS, Database File
Controller Configuration	Industrial PC
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	110-240 V, 50-60 Hz, 10 A (Only for Inkjet System)

Above specifications are standard and does not apply to all systems. Please discuss the applications & requirements with our sales representative and consult our technical team before making any site preparation.
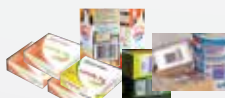
Labels

Tickets

Business Forms

Packaging

Envelopes

Plastic Cards

You Tube Channel (Videos):
JETSCI Global

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