Industrial Inkjet Ltd

Making inkjet work

Superfast Inkjet

High Speed Variable Data Print Module

160m/min from 72 to 422mm wide

Increase your profitability by enabling short run or even personalised labels and brand protection features
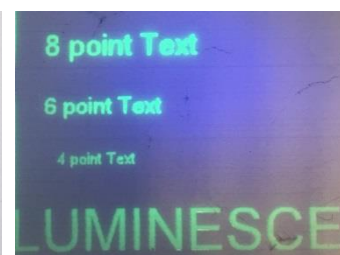
Turn a conventional press digital at a fraction of the cost of a digital press

Ideal for high quality late stage label and packaging customisation. As with all IIJ digital modules, this unit can be integrated onto most flexo presses with no more difficulty than existing analogue technology.

Using the latest high speed printheads from Konica Minolta, the MonoPrint XPi can achieve the high standards of print quality, reliability and longevity that customers have come to expect from IIJ at high speed.

The MonoPrint XPi is suitable for a wide range of applications:

- Variable Data Labels & Tags
- Secondary Packaging
- Addressing / Transactional Print
- Security Printing

Major Features

High Speed

Utilising the high productivity of Konica Minolta's KM1024i printheads, the MonoPrint XPi is as fast as many Flexo presses. In addition, the innovative imaging software and hardware give unrivalled high speed variable data capabilities. Due to its flexibility on speed and resolution, the speed of print is easily matched to the application.

High Flexibility

The MonoPrint XPi can utilise a wide range of ink solutions, and is compatible with most inkjet inks. Also, as the system can be tailored to each customer's requirements, integration is much simpler.

High Reliability

As with all IIJ products the MonoPrint XPi has excellent simplicity of overall design, and is designed and tested for reliability.

Innovative Design

Due to its compact footprint existing equipment can be converted to digital. This also allows lower media control tolerance. The open design allows easy maintenance and simple operation.

Competitive Price

With a low capital cost compared to an Inkjet press, and significantly lower cost of ownership than comparable systems, the return on investment will be much faster. This is driven by high reliability, long lasting printheads and the use of high quality inks to reduce ink usage.

Knowledge and experience

IIJ's team of inkjet system experts work closely with customers to ensure the right solution for each application.

Specifications

	720 x 720 dpi *	360 x 360dpi	360 x 720 dpi
Standard Print Widths	72; 142; 212; 282; 352; 422mm		
Maximum Speed	80m/min	108m/min	160m/min
Grey Levels	2	4	2
Apparent Resolution (dpi)	720	623	529
Smallest Drop Size	14pl		
Printhead Technology	Konica Minolta KM1024iMHE-D		
Input File Formats	BMP, JPG, TIFF, PDF,CSV		
Power Requirements	230V single phase 50Hz/110v single phase 60Hz		
Ink Types	UV & Waterbased		
Typical Expected Printhead Life	3 to 5 years		

*Hardware configuration is different to the other print modes