



MonoPrint Modules



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**Small** 72/75mm print swath

Compact and ideal for lane printing, product decoration or track and trace applications.

Medium 142 to 371mm print swath

Perfect for narrow web applications such as variable data on to labels, white underprint, covert security printing, RFID tag printing, mailing and addressing.

Large 422 to 668mm print swath

For document printing, flexible packaging, general security printing, décor and point of sale.

Extra Large widths available on request

High Speed Variable Data Print Module

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

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

Productivity

Utilizing the high productivity of Konica Minolta's KM1024i, KM1280i and KM1800i printheads, together with innovative imaging software and hardware, the MonoPrint range gives high speed variable data capabilities. Due to its flexibility on speed and resolution, the speed of print is easily matched to the application. Using the MonoPrint XPi, speeds of up to 300 m/min are achieved, perfect for high speed coding of packaging or documents. For those who need a little more resolution, the impressive Monoprint HiQ series can handle 600dpi data up to 200 m/min.

We are known and recognized for our high quality, reliable, high speed systems, tailored to the exacting demands of our customers.

High Reliability

As with all IJJ products the MonoPrint range has excellent simplicity of overall design, and is designed and tested for reliability. IJJ prides itself that the print engine operates with minimum intervention and downtime, allowing our customers to make the most of their high productivity.

Compact, Innovative Design

Due to the compact footprint of the IJJ design, these engines can be used when and where the application demands. This makes it much easier to add digital functionality to existing equipment. The open design also allows easy maintenance and simple operation.

High Flexibility

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

The MonoPrint is suitable for a wide range of applications:

- Variable Text
- Low Migration ink
- White
- Spot Varnish
- Security inks (IR-readable, or UV-fluorescent)



MonoPrint Range

MonoPrint Range	MonoPrint i 360 x 360 dpi	MonoPrint i 360 x 720 dpi	MonoPrint MiQ 450 x 450 dpi	MonoPrint MiQ 450 x 900 dpi	MonoPrint HiQ 600 x 600 dpi	MonoPrint HiQ 600 x 1200 dpi
Standard Print Widths	72 to 633mm		72 to 633mm		75 to 668mm	
Maximum Speed	54m/min	80m/min	60m/min	85m/min	65m/min	100m/min
Grey Levels	4	2	3	2	4	2
Smallest Drop size (pl)	14		10		3.5	
Printhead Technology	Konica Minolta KM1024i MHE-D		Konica Minolta KM1280i MH		Konica Minolta KM1800i-SHC	
Ink Types	Covert, UV, Waterbased					
Input File Formats	BMP, CSV, JPG, PDF, TIFF					
Power Requirements	230V single phase 50Hz/110V single phase 60Hz					

Perfect for applications that demand high speed and quality

IIJ's HiQ range offers unrivalled quality and speed for security coding applications. IIJ has hardware solutions for high speed splice avoidance as well as software solutions and partnerships with vision system suppliers that allow a complete solution for the customer, often fitted to a conventional press to produce a hybrid solution.



KONICA MINOLTA

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IJJ works together with its customers in a consultative fashion. We are experts in applying inkjet printing to new markets and applications. Our team understands your needs and goals. We have the experience to quickly find and implement print solutions.

IJJ is a 'teaching' company. We love to teach our customers about inkjet and share our knowledge. We want our customers to become inkjet experts and to get the most out of inkjet in their business.

Our print systems are exceptionally reliable and robust. We have installed over 1000 lines worldwide. Our Service team provides prompt, efficient support whenever it is needed.

Our Sales staff and the team of engineers behind them manage each and every customer project. We ensure that we dedicate the time and resource required to make your project a success.

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