



iDataPrint™ Freedom Series Inkjet Print Solutions

Driven by the iDataPrint™ Universal Controller

The FS-1200 family of print modules brings high-speed/high-resolution variable data inkjet printing to your production environment without the high cost of printhead refurbishment! iDataPrint™ FS-1200 configurable inkjet system with a print width ranging from 1.7 inches up to 27 inches wide and a print speed up to 1000FPM.

Drop in replacement for legacy ink jet systems or integrated into your existing production printing and finishing equipment to provide variable data printing (VDP) capabilities including high-quality text, barcodes, graphics, logos, maps, etc. on mail, labels, envelopes and packaging.

The Freedom Series 1200dpi Printbar allows you to choose from a wide variety of available inks including Dye based, Pigment based, Latex, or UV curable. High-performance black and spot colors are also available.



The FUJIFILM Dimatix, Inc. SAMBA® printheads used in the FS-1200 are made of silicon, like computer chips. Their unique monolithic design reduces the number of moving parts resulting in greatly increased reliability.

- 1200 dpi with 2,048 individual nozzles per 1.7" printhead
- Drop sizes as small as 2.7 picoliters (pL)
- Industry leading printhead life
- Parallelogram shaped printheads for seamless stitching



Freedom to select different drop sizes and print resolution (dpi) enables you to fine tune print quality for different substrates and control how much ink is required for your application. You have the power to reduce operating cost or increase print quality on an individual job.

Standard printbar widths include:

- 1.7 inch
- 3.3 inch
- 5 inch
- 6.7 inch
- 10 inch
- 13.5 inch
- 17 inch
- 27 inch
- Custom widths available



The included bulk ink delivery system provides a continuous supply of ink to the printhead. REDIJET® recirculation technology ensures that the printbars are always primed and ready to go.

- Faster start-up time
- Outstanding reliability

Additionally, the cabinet houses the industrial grade print controller computer and power supplies as well as the liquid cooling system.

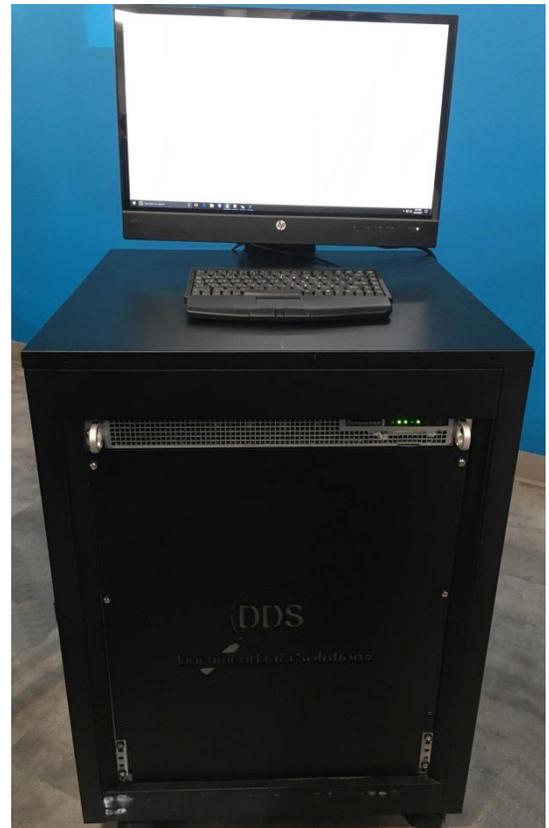
Additional Features:

- The updated iDataPrint™ App allows you to synchronize FS-1200 technology with existing legacy CIJ printers
- Optional iDataTAQ™ programmable encoder/trigger interface provides downstream delay control for complex multiple ribbon and duplexing applications
- Automated pen-to-paper height adjustment with splice avoidance capability
- Automated nozzle cleaning option available

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