MJRvision

PROBLEM SOLVED

Full Color, Wide Format Print

FC108



- Full Color CMYK TIJ 4.0 Print Technology
- 4.25” to 8.5” Print Height
- 1200 dpi Print Quality
- Advanced Micro-Recirculation
- Up to 600 ft per minute
- Small Footprint

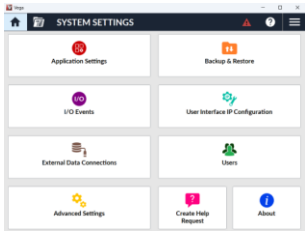
High Speed… High Resolution… CMYK

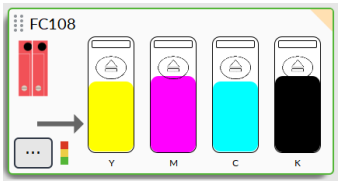
The FC108 delivers cost-effective, high-quality, variable color printing for a wide range of applications. From packaging, coding and marking, and mailing to graphics, barcodes, 2D codes, and unlimited customization, the FC108 is built for flexibility. Its compact design fits easily into production environments while still offering print widths of up to 8.5" when using two heads. With a simple design and HP's Micro-Recirculation technology, the FC 108 keeps maintenance minimal and uptime high.



Intuitive Software

The FC108 is powered by Norwix's Vega software—designed to be incredibly easy to use from day one. Its intuitive interface allows operators to create, edit, and run jobs with minimal training, reducing setup time and eliminating complexity. Despite its simplicity, Vega seamlessly connects to external systems, pulling data in real time from remote databases and packaging equipment.

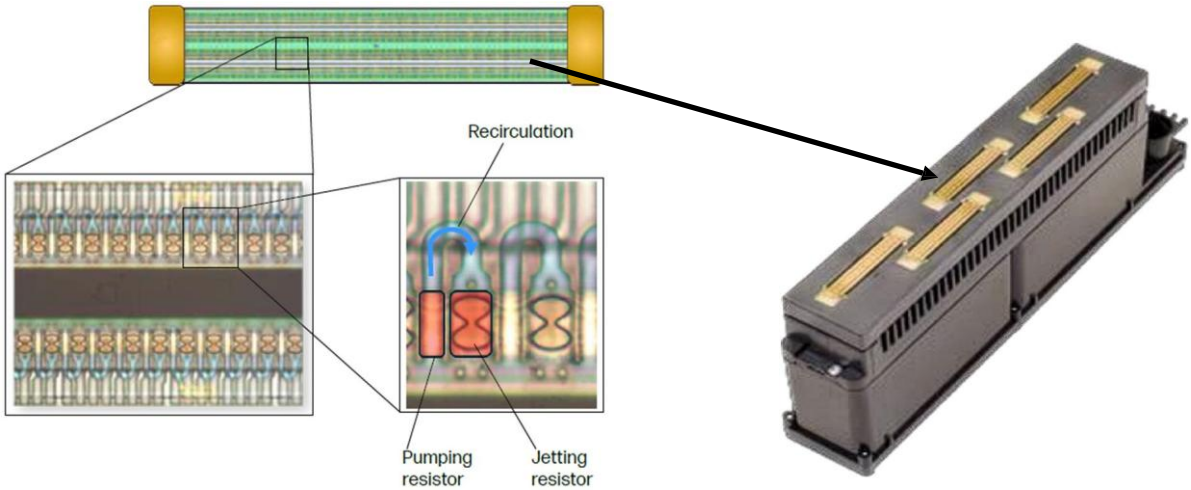


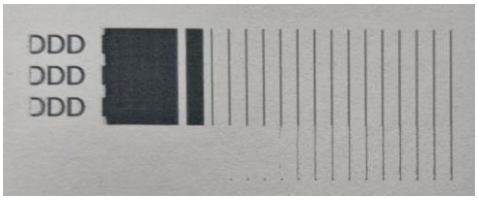


Decap Issues and Harsh Environments? SOLVED

Micro-Recirculation

The FC108 printhead features integrated recirculation by using dedicated thermal micropumps for each nozzle instead of an external system. By firing specific resistors to create a circular flow within U-shaped ink channels, the technology ensures a continuous supply of fresh ink past every nozzle. This Micro-Recirculation eliminates moving parts and prevents nozzle clogging or defects, even after extended idle periods.





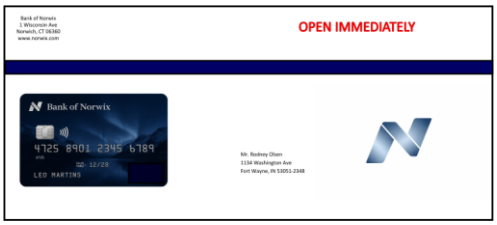
Without Micro-Recirculation



With Micro-Recirculation

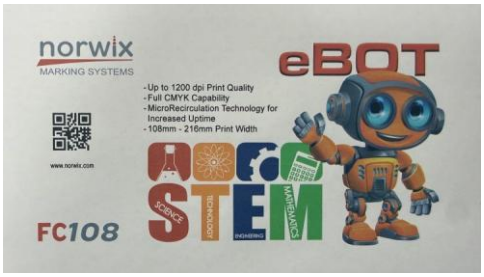
User Applications:

- E-commerce
- Direct to product
- Mailers
- Labeling
- Regulation markings
- Pharma / Medical
- Personalization
- Paper bags
- Case coding







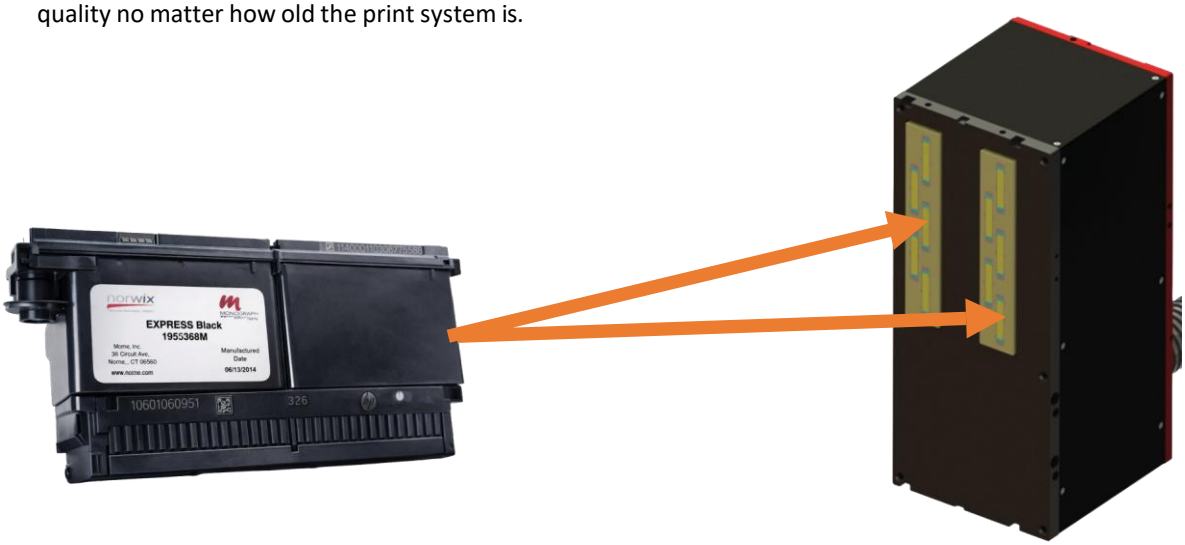


Upgrade to the Latest TIJ 4.0 Technology

HP TIJ 4.0 technology represents a major advancement in industrial printing—delivering high-speed capability, exceptional print quality up to 1200 DPI, and the proven reliability of HP's trusted platform. Designed for bulk ink operation, TIJ 4.0 ensures consistent performance, maximum uptime, and efficient, low-maintenance production. Its versatility makes it ideal for a wide range of industrial applications, including packaging, coding and marking, mailing, and graphics. The FC108 harnesses the full power of HP TIJ 4.0 in a compact, easy-to-use system, it delivers high throughput, outstanding print quality, and dependable operation in demanding production environments. The FC108 enables true CMYK color output in a single pass—unlocking unlimited possibilities for branding, customization, and high-impact imaging.

New Cartridge = New Print Head

With HP TIJ 4.0's quick disconnect (QD) cartridges each cartridge replacement effectively delivers a brand new, integrated printhead. This ensures consistent print quality without the need for calibration, tools or complex servicing. The QD cartridge takes just seconds to replace insuring easy of use for operators. Anyone that's operated traditional industrial printer knows that over time things happen to printheads, nozzles get clogged or damaged and eventually print quality deteriorates. No more… With each change of HP's QD cartridges, you get a fresh print head. It's day one print quality no matter how old the print system is.



FC108—Performance

Horizontal Resolution (DPI)	Max Speed	
	ft/min	m/min
600	600	183
1200	300	91

Characteristic	FC108
Print Width	108mm—216mm
Maximum Resolution	600 dpi
Drop Size	7 pl
Jetting Frequency	72kHz
Throw Distance	Up to 7mm *
Nominal QD life	15L (Application Dependent)

Printable Items	Lot Codes, Datecodes, Alphanumeric, Barcodes, Bitmaps, PDF
Barcode Printing	EAN-13/EAN 8, UPC-A, Code128, ITF-14, ITF-2of5, Code39, Cryptocode, GS1 Datamatrix, QR (114 barcode support included)
Print Density	User Configurable (12.5% - 100%)
Umbilical Length	3m
Ink Types	Aqueous (Black and CMYK)
Bulk Solution	(4) 775ml Bulk Supply
Electrical Interface	Ethernet, I/O, Sensor, Encoder, Stack Light
Voltage	115V to 240V
Languages	English, Spanish, German, French, Korean, Chinese, Portuguese
Data File Support	CSV, TXT, MDB, XLS, XLSX, ACCDB
Daisy Chain	Daisy Chain multiple to build larger systems
Communications	1GB Ethernet

Dimensions

