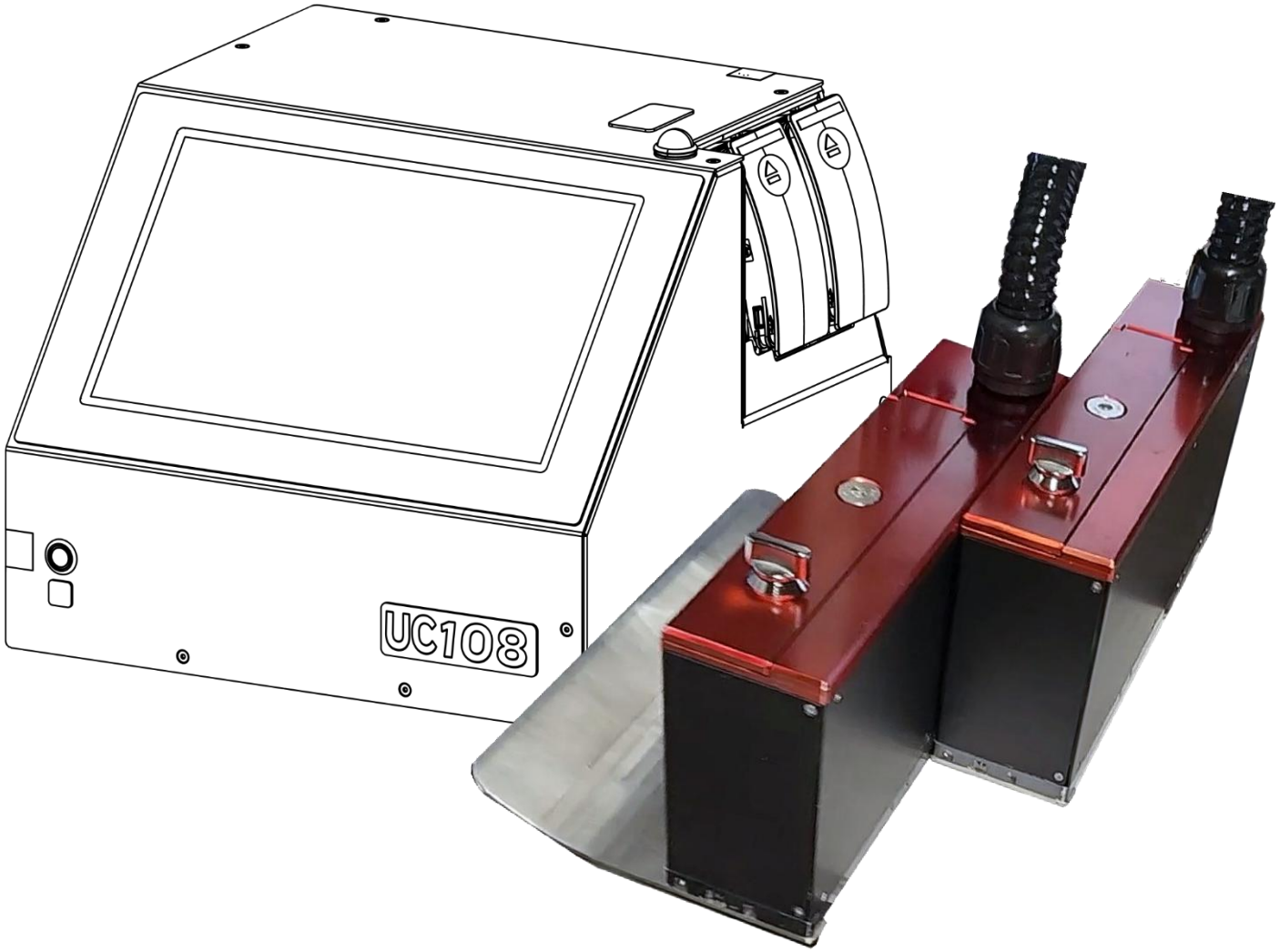
MJRvision

PROBLEM SOLVED

PROUDLY Made in USA

High Speed, High Resolution

PC108



- TIJ 4.0 Print Technology
- 108mm to 216mm Print Height
- 1200 dpi Print Quality
- All-in-One Compact Design
- Lowest Operational Costs
- A Fraction of the Cost of Comparable Piezo Systems

High Quality, High Performance

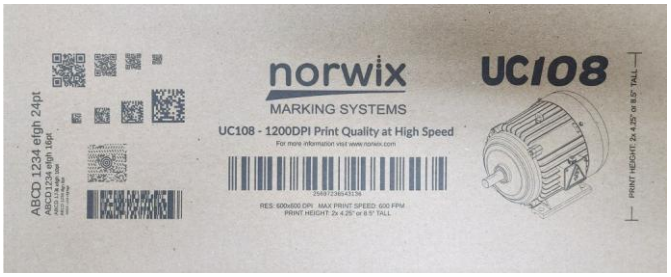
The PC108 is a TIJ 4.0 based print head with a maximum width of 216 mm (8.5 inches). It features a native resolution of 1200 dpi and impressive throughput speeds of up to 180 m/min at a 600/600 configuration. This print head incorporates HP's micro- recirculation technology, which minimizes print head servicing and reduces decap issues.

With its All-in-One design and compact size, the PC108 is easy to integrate into nearly any production line. It produces high-quality prints including alphanumeric characters, date codes, lot codes, graphics, barcodes, and more. The Vega embedded software ensures that the system is user-friendly, requiring minimal training or experience for operators, with a design that effectively blends control and monitoring into an intuitive interface.

Stunning Print Quality

Designed to provide outstanding print quality for a wide range of printing needs, it is capable of producing high-definition, laser- sharp prints for alphanumeric characters, date codes, lot codes, graphics, barcodes, and more. With a maximum print resolution of 1200 dpi, the PC108 ensures that the printed content is clear, precise, and meets all labeling requirements, past, present and, very importantly, future.

- **Tall, seamless images**
- **Meets Future needs for high density, 2D Barcodes**
- **Variable Print Resolution up to 1200dpi**



Intuitive Software

Norwix enterprise-level Vega software is a top performer in industrial printing systems. Its extremely powerful, intuitive, and simple-to-use interface makes it an obvious choice in a packaging environment. It can quickly integrate into external systems, retrieving template data from remote databases and other packaging equipment. Print Template Design, Monitoring, and Management are all conducted from the 11.6 inch industrial color touch screen for instant accessibility.

- **Feature rich latest software**
- **Powerful template creation with support for alphanumeric, graphics, and latest barcode symbology**
- **Static and Dynamic data support**

Advanced Print Technology

PC108, powered by the latest HP TIJ 4.0 technology, a revolutionary advancement generations ahead of competing coding technologies. Engineered for Bulk ink operations, the PC108 ensures maximum reliability, unmatched uptime, and significantly reduced ink costs.

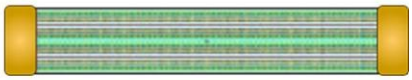
Experience superior print quality with higher resolution, high speed, and increased throw distance. With every print cartridge change, you receive a brand-new print head, guaranteeing continuous peak performance. Maximize your uptime and efficiency.

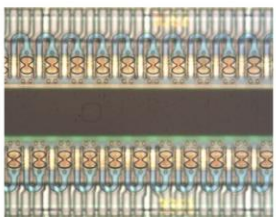


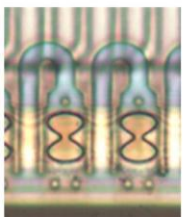
Advanced Micro-Recirculation

Micro-recirculation methodology used in the UC1018 print heads addresses the issue of ink drying out when the heads are not in use for either short or long periods. This approach minimizes print head maintenance and decap issues, making it an ideal solution for production processes that involve frequent starts and stops.









High Technology, High Performance

108mm TIJ4.0 Printheads

3.0m Umbilical

Carries ink and electrical signals.

Dual 775ml Bulk Ink Supply

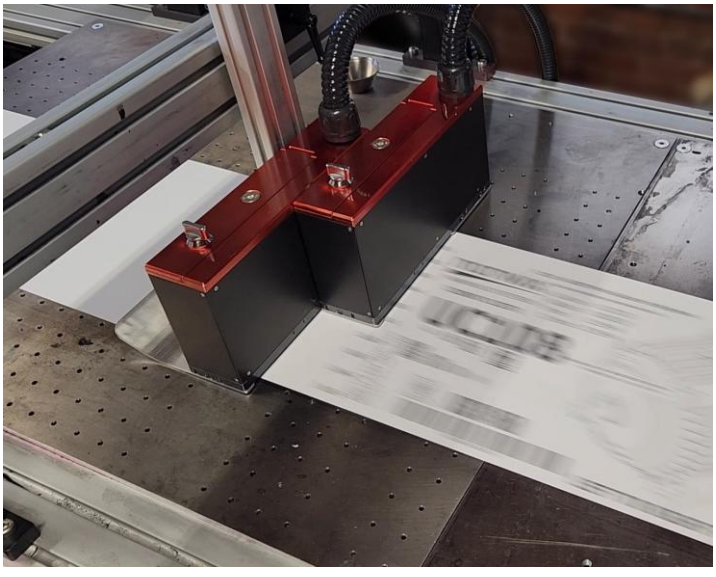
A large bulk capacity ensures minimal operational costs with little operator intervention. Changeover of the Bulk Cartridge takes only seconds.

PC108 Enclosure

Integrated controller with 11.6" color touchscreen, and Vega software installed.

Vega Software

With its intuitive interfaces and solid, dependable functionality, Norwix enterprise level Vega software is a high performer in the industrial printing systems arena. Create and manage print templates, and monitor production in real time.





PC108—Performance

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

Characteristic	C108
Print Width	108mm—216mm
Maximum Resolution	600 dpi
Drop Size	6 pl
Jetting Frequency	72 kHz
Throw Distance	Up to 7mm *
QD life	15L-80L Application Dependent

** Print Speed 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 Spot Colors)
Bulk Solution	Dual 775ml Bulk Supply
Electrical Interface	Ethernet, I/O, Sensor, Encoder, Stack Light
Voltage	115V to 240V
Software Included	Vega from Norwix
Connectivity	SQL, Remote Host, ERP
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

