



Linx 8830 Continuous Inkjet Printer

The Linx 8830 delivers industrial-grade coding solutions with up to 3 lines of print, designed to reduce total cost of ownership while maximizing production line efficiency. Its sealed printhead design and stainless steel construction ensure reliable operation in demanding manufacturing environments.



Low Operating Costs

Solvent consumption as low as 3.5ml per hour, single-part ink changes, and printhead cleaning intervals up to 3 months minimize fluid costs and downtime.



Built-In Reliability

Sealed printhead protects critical components, 8-hour reserve capacity prevents stoppages, and IoT-enabled PrinterNet provides remote monitoring and fast fault resolution.



Error-Free Coding

Customizable touchscreen with product images, one-touch fluid refills during printing, and step-by-step setup guides ensure consistent, accurate codes every time.

Key Performance Features

- Print speeds up to 7.28 m/s for single-line applications
- Character heights from 1.8mm to 20.1mm
- Mk11 Midi and Midi Plus printhead options (62µm and 75µm nozzles)
- Extended shutdowns up to 3 months without flushing
- IP55 environmental protection rating
- 7-inch color touchscreen with solvent-resistant cover



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Technical Specifications & Configuration

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Print Capabilities

Mk11 Midi: 62µm nozzle, 1.8-20mm character height, 6.25 m/s max speed

Mk11 Midi Plus: 75µm nozzle, 2.1-20.1mm character height, 7.28 m/s max speed

Up to 3 lines of print with recommended substrate distance of 12-20mm

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Service & Maintenance

Easi-Change Service Module with 12-month intervals (9,000 hours for dye-based inks, 6,000 hours for soft pigmented)

Automatic printhead flushing every 3 months for dye-based inks, monthly for soft pigmented inks

Durable ink pump requires no scheduled changes

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Software Features

Message storage for up to 1,000 codes, drag-and-drop editing, product image selection, and password-protected user profiles

PrintSync automatic formatting, QuickSwitch barcode scanning, and multi-language support with custom keyboards

USB backup, Ethernet connectivity, and PLC integration via Simple Communications Protocol

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Physical Specifications

Stainless steel construction, IP55 rated, 24kg weight including fluids

Operating range: 5-45°C, 90% max humidity (non-condensing)

Power: 100-230V, 50/60Hz, 38W typical consumption, 100W rating

CE, EAC, NRTL, FCC certified

Printhead Options



- Standard 2m conduit (4m optional)
- 90° printhead configuration available
- Positive air purge for dusty/humid environments
- 60mm minimum bend radius (static), 180mm (dynamic)

Ink & Connectivity

Ink Range: MEK base (dye/soft pigmented), mixed base (MEK-free), ethanol base (MEK-free)

Connections: Product detector, shaft encoder, USB, Ethernet, external alarm outputs (24V and volt-free options)

Barcodes: ITF 2 of 5, Code 39, Code 128, EAN 13/8, UPCA, Pharmacode, Data Matrix, QR Code