

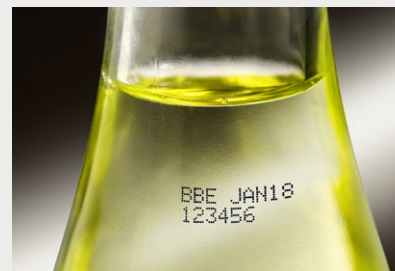
# Linx 8900

## Maximum Efficiency, Minimal Effort

- Simple operation
- Reliability for increased uptime
- Improved production line efficiencies



CONTINUOUS INK  
JET PRINTERS



**The Linx 8900 printer makes operation, reliability and efficiency easier than ever. So you can spend more time coding, and increasing output from your production line.**

With Linx reliability built-in, this coder will operate continually in your production environment and also help reduce delays from production line stoppages. Real-time output and line stoppage reporting also helps you to maximise your production and add value back to your business.

### Simple operation

- Large, icon-driven high-resolution touch screen, with at-a-glance production-rate visibility
- Customisable top screen, on-screen message prompts for faster, accurate code setup

- Store multiple line settings for added flexibility
- Simple, one-touch, fluid cartridge refills during printing - no mess, no tools, no mistakes
- Self-service with an on-screen Wizard which guides operators through the service process - for a quick, engineer-free service in around 30 minutes, with up to 6000 hours or 12 months between services

### Increased uptime reliability

- Linx's industry-leading printhead is completely sealed for continual reliable operation - typically requires cleaning only once every three months
- Quick, clean starts every time with Autoflush - less manual printhead cleaning, so less solvent waste and maintenance time required

- Automatic fluid checking and long eight hour fluid refill warnings - less unplanned downtime and less printer monitoring
- Seasonal shutdown mode - printer is ready to print first time, even after extended shutdown, with no need for expensive printer flushing.

### Production line efficiencies

- On-screen production rates with output and line stoppage logs - simple to transfer via USB for reporting and analysis
- Accurate, real-time output measurement on screen, e.g. batch counts and output/hour rates, with real-time on/off target indication
- Customisable logs provide precise reasons for any production line holdups - identify efficiency improvements on your line



code



check



capture



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# Technical Specifications Linx 8900

## Controllers

### Front Elevation



### Side Elevation



### Printhead



## Print speeds and sizes

Printhead	Mk11 Midi
Lines of print supported	1 or 2
Character height range	1.8 to 8.8mm
Maximum number of characters per second	1333

## Hardware features

- Easi-Change® Service Module, change interval: up to 12 months (6,000 hours)\*
- Unique automatic printhead flushing – typical cleaning interval 3 months (100 starts and stops)
- Printhead jet-speed control and temperature sensing for consistent printing in changing ambient temperatures
- Mistake-proof, mess-free ink and solvent refilling while printing (0.5 litre ink cartridge, 1 litre solvent cartridge)
- 10-inch full colour touch screen with tough, solvent-resistant polymer cover
- Durable ink pump with no scheduled changes required
- Extended shutdowns (up to 3 months) without printer flushing or draining
- Robust, flexible dual-tube conduit for static and moving printhead applications

## Software features

- Single-press start print, pause print and jet shutdown
- Auto power-off after jet shutdown
- Simple WYSIWYG message creation and editing with drag-and-drop field positioning and zoom function for long messages
- Total print count, message count and batch count
- WYSIWYG message store display and message style selection
- Password-protected functions, with customisable user profiles
- Message creation/editing while printing
- On-screen output rate measurement, estimated job completion time, on/off target indication
- On-screen production stoppage logging tool, customisable stoppage event descriptions, auto detection of stoppages
- Output, production line stoppage and message print history log exported using USB port
- On-screen fluid level indicators, 8 hour running from fluid refill warning to printer stop
- On-screen help and diagnostics information
- Multiple operator languages (user selectable) with on-screen keyboards, secondary keyboard for multi-language printing
- Simple line speed and shaft encoder setup wizard, for installation on new production lines
- Message store and printer settings backup, copy and restore using USB storage device

## Message printing facility

- Text, symbols and numbers
- Prompted fields for one-step message editing with customisable on-screen prompts
- Height, width and delay functions for easy code sizing and positioning
- Automatic formats for printing dates and times (using the printer's internal clock)
- Automatic date forward function. Add number of seconds, minutes, hours to the current time, or number of days, weeks or months to the current date
- Sequential numbering, forward and backward counting, variable intervals
- Number of messages stored: up to 1000 using internal printer memory (depending on message content), more can be stored using a USB storage device
- Bold character printing (up to 9 times)
- Rotated character (tower) printing
- Shift coding (message content changes automatically at defined times)
- Graphics and logos can be imported into the printer as bitmap files using the USB port
- Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)

## Printhead specifications

- 2m conduit
- Positive air purge to printhead (provides improved reliability in dusty or humid environments)

## Ink range

- Linx MEK base (dye-based)
- Linx mixed base (MEK-free, dye based)
- Linx ethanol base (MEK-free, dye based)

## Connections/interfacing for

- Product detector
- Shaft encoder/second product detector
- External single-stage alarm output (24v)
- USB
- Ethernet
- Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)
- Dual alarm output (Volt-free and 24V output)
- RS232

## Physical characteristics

Base and enclosure	Stainless steel
IP55 environmental protection rating**	•
Mounting options	Static stand, mobile stand, bench, wall mount bracket
Operating temperature range	5-45°C (0-50°C for Linx 1240 ink type)
Humidity range (r.h., non-condensing)	90% max
Power supply	100-230V, 50/60Hz
Power consumption	38W (typical when printing)
Power rating	150 W
Weight	24kg (including fluids and printhead)

## Regulatory approvals

- GS • CE • EAC • NRTL • FCC

Key: • standard ◦ option

\*interval may be adjusted in certain environments and applications to provide reliable running between service module changes  
\*\*IP rating is independently verified – certificates available on request

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



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