

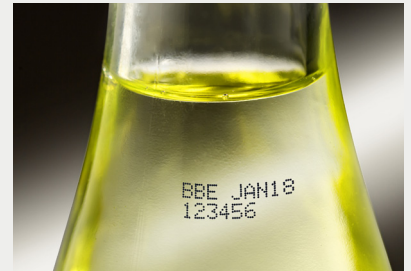
# Linx 8910

## Maximum Efficiency, Minimal Effort

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



CONTINUOUS INK  
JET PRINTERS



**The Linx 8910 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 18 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
- Designed for both primary and secondary coding requirements – with a carton coding 20mm high print option.



code



check



capture



care 24x7



# Technical Specifications Linx 8910

## Controllers

### Front Elevation



### Side Elevation



### Printhead



Print speeds and sizes	
Printhead	Mk11 Midi
Lines of print supported	1, 2 or 3
Character height range	1.8 to 20mm
Maximum number of characters per second	2222
Recommended distance from printhead to substrate	12mm (35mm for carton coding messaging style)

Hardware features	
<ul style="list-style-type: none"> <li>Easi-Change® Service Module, change interval: up to 18 months (9,000 hours)*</li> <li>Unique automatic printhead flushing – typical cleaning interval 3 months (100 starts and stops)</li> <li>Printhead jet-speed control and temperature sensing for consistent printing in changing ambient temperatures</li> <li>Mistake-proof, mess-free ink and solvent refilling while printing (0.5 litre ink cartridge, 1 litre solvent cartridge)</li> </ul>	<ul style="list-style-type: none"> <li>10-inch full colour touch screen with tough, solvent-resistant polymer cover</li> <li>Durable ink pump with no scheduled changes required</li> <li>Extended shutdowns (up to 3 months) without printer flushing or draining</li> <li>Robust, flexible dual-tube conduit for static and moving printhead applications</li> </ul>

Software features	
<ul style="list-style-type: none"> <li>Single-press start print, pause print and jet shutdown</li> <li>Auto power-off after jet shutdown</li> <li>Simple WYSIWYG message creation and editing with drag-and-drop field positioning and zoom function for long messages</li> <li>Total print count, message count and batch count</li> <li>WYSIWYG message store display and message style selection</li> <li>Password-protected functions, with customisable user profiles</li> <li>Message creation/editing while printing</li> <li>On-screen output rate measurement, estimated job completion time, on/off target indication</li> </ul>	<ul style="list-style-type: none"> <li>On-screen production stoppage logging tool, customisable stoppage event descriptions, auto detection of stoppages</li> <li>Output, production line stoppage and message print history log exported using USB port</li> <li>On-screen fluid level indicators, 8 hour running from fluid refill warning to printer stop</li> <li>On-screen help and diagnostics information</li> <li>Multiple operator languages (user selectable) with on-screen keyboards, secondary keyboard for multi-language printing</li> <li>Simple line speed and shaft encoder setup wizard, for installation on new production lines</li> <li>Message store and printer settings backup, copy and restore using USB storage device</li> </ul>

Message printing facility	
<ul style="list-style-type: none"> <li>Text, symbols and numbers</li> <li>Prompted fields for one-step message editing with customisable on-screen prompts</li> <li>Height, width and delay functions for easy code sizing and positioning</li> <li>Automatic formats for printing dates and times (using the printer's internal clock)</li> <li>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</li> <li>Sequential numbering, forward and backward counting, variable intervals</li> </ul>	<ul style="list-style-type: none"> <li>Number of messages stored: up to 1000 using internal printer memory (depending on message content), more can be stored using a USB storage device</li> <li>Bold character printing (up to 9 times)</li> <li>Rotated character (tower) printing</li> <li>Shift coding (message content changes automatically at defined times)</li> <li>Graphics and logos can be imported into the printer as bitmap files using the USB port</li> <li>Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)</li> <li>Simple Communications Protocol (YAML based scripts) and Linx Remote Communications interface for connection to PCs or PLCs using Ethernet port or optional RS232 port</li> </ul>

Printhead specifications	
<ul style="list-style-type: none"> <li>2m conduit</li> <li>4m conduit</li> <li>6m conduit</li> </ul>	<ul style="list-style-type: none"> <li>Positive air purge to printhead (provides improved reliability in dusty or humid environments)</li> </ul>

Ink range	
<ul style="list-style-type: none"> <li>Linx MEK base (dye-based)</li> <li>Linx mixed base (MEK-free, dye based)</li> <li>Linx ethanol base (MEK-free, dye based)</li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

Connections/interfaces for	
<ul style="list-style-type: none"> <li>Product detector</li> <li>Shaft encoder/second product detector</li> <li>External single-stage alarm output (24v)</li> <li>USB</li> <li>Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)</li> <li>Dual alarm output (Volt-free and 24V output)</li> <li>RS232</li> </ul>

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	
<ul style="list-style-type: none"> <li>GS • CE • EAC • NRTL • FCC</li> </ul>	

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.

