

# Linx 10 PRINTER



LINX

**Affordable. Reliable. Hassle-free.**

Designed for single shift production, the Linx 10 is a unique, affordable continuous ink jet printer that prints up to three lines of traceability information onto a wide range of packaging materials.

Its economical design reduces installation and running costs, and its robust construction provides long-lasting reliability and consistent performance.

Easy to operate with minimal manual intervention, the Linx 10 delivers hassle-free operation and prints clear and durable codes.

## Affordable

- **Low initial cost**, a printer purpose designed to provide a simple, affordable traceability coding solution
- **Low installation cost**, the Linx 10 can be placed on any level surface or fixed directly to your production line
- **Low running costs** delivered by easy self-service to reduce maintenance costs, and economical design to help you save up to 20%\* on solvent usage and 30%\* on ink consumption

## Reliable

- **Continual reliable operation** delivered by a sealed and adjustment-free printhead that requires minimal cleaning to maintain optimal print quality
- **Error-free operation** with simple drop-in refill cartridges that cannot be mixed up and built-in error-proofing for code creation
- **Reduce downtime** with Linx PrinterNet, a secure cloud-based service option, that enables you to monitor and control your printer and receive remote technical support for fast fault resolution and advice

## Hassle-free

- **Minimal interventions** with automatic printhead cleaning, automatic adjustment to changing temperatures and long filter change intervals
- **Simple to set up** with step-by-step on-screen guides and easy setup on your line so you can start coding quickly
- **Intuitive User Interface**, a colour touch screen with easy-to-understand icons and unique code selection using your product images



# Linx 10

## PRINthead



## SIDE ELEVATION



## TOP ELEVATION



## FRONT ELEVATION



## Technical Specifications

### PRINthead OPTIONS

Lines of print supported: 3  
 Message height range: 1.8 mm to 8.8 mm (20 mm high carton coding available with Enhanced Features option)  
 Character width range: 1.7 mm to 7.3 mm  
 Maximum line speed: 1 line 2.66 m/s, 2 lines 1.54 m/s, 3 lines 0.83 m/s  
 Maximum number of characters per second: 700  
 Maximum message length: > 1 m  
 Recommended distance from printhead to substrate: 12 mm

### HARDWARE FEATURES

Easi-Change® Service Module, change interval: up to 18 months/4,000 hours  
 Printhead flushing: Typical cleaning interval 1 month (35 starts and stops)  
 Fluid cartridges: Cartridge system with RFID  
 Fluid low warning: Up to 2 hours warning from fluid 'low' to 'empty'  
 Operation angle: Allows tilt up to +/- 2 degrees in operation. Supports printing from top, side and bottom. Transportation can tolerate 45 degrees  
 Mobility: Easy to carry, light weight design that can easily be moved between production lines  
 Display: 7 inch, high brightness back-lit, full colour touch screen with tough, solvent resistant polymer cover  
 Alerts: Audio indicator of error conditions and screen alarm as a screen saver  
 Gear pump: Durable with no scheduled changes required  
 Extended shutdowns: Up to 4 weeks possible without printer flushing or draining

### SOFTWARE FEATURES

Step by step message creation and editing  
 Single press print start, print pause and printer shutdown  
 Password protected functions with custom profiles for secure, mistake-proof operation  
 Job selection using real product images  
 On-screen help and diagnostics  
 Live message preview  
 On-screen instructions for changing Service Module, ink and solvent refilling and other functions

31 languages  
 PrintSync® automatic font and message format, based on style selected and line speed  
 On-screen help and diagnostics information  
 PrintSync® automatic font and message format selection, based on message style selected and production line speed  
 On-screen keyboards  
 Message store and printer settings back up, copy and restore using USB storage device

### MESSAGE PRINTING FACILITIES

Text, symbols and numbers  
 Bold character printing (up to 10 times)  
 Upper-case and lower-case text  
 Rotated character (tower) printing  
 Variable character height and width  
 Product image message selection  
 Graphics and logos can be imported into the printer as Bitmap files using the USB port  
 Automatic formats for printing dates and times (using the printer's internal clock)  
 Sequential numbering, forward and backward counting, variable intervals  
 Automatic date forward function. Add any number of seconds, minutes, hours to the current time, or any number of days, weeks or months to the current date  
 'Production Schedule' function, to print a sequence of messages automatically, with different triggering and repeat print options  
 Number of messages stored: up to 1000 using internal printer memory (depending on message content), more can be stored using a USB storage device  
 Barcode printing with Enhanced Features option (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)  
 Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)

### PRINthead CHARACTERISTICS

Nozzle size: 62 µm  
 Conduit: Flexible and durable dual tube conduit, solvent resistant  
 Printhead: Mark 13. Stainless steel cover tube (suitable for use with magnetic and non-magnetic conveyors)

\*ink saving is based on comparison with industry standard 70-micron nozzles. Solvent saving is based on comparison between Linx 10 and L101 ink at 20°C and other competitor models' published data

### INK RANGE

Linx Black fast-drying ink 1240 (MEK base)  
 Linx Black ink L101 (MEK-free)

### CONNECTIONS/INTERFACING

Product detector  
 External 24 volt alarm output  
 Optional shaft encoder  
 USB port for message and printer settings back up and restore, remote communications interface (with Enhanced Features option) and wifi connection for Linx PrinterNet

### ACCESSORIES/OPTIONS

A conveyor mounting bracket  
 Carry handle and printhead holder will be available as factory fit option  
 Enhanced Features option includes barcode printing, remote communications interface software and carton coding print formats

### PHYSICAL CHARACTERISTICS

Enclosure: Stainless steel  
 IP environmental protection rating: IP55  
 Mounting options: Conveyor mount, trolley with Linx 10 adaptor, bench or table  
 Operating temperature range: 5-45°C  
 Humidity range (relative humidity, non-condensing): 10-90%  
 External power supply: 100-230V, 50/60 Hz  
 Power consumption: 32W (typical while printing)  
 Weight (including fluids and printhead): 11 kg  
 Conduit: 1.3 m  
 Conduit management: Simply fixed in place on printer during transport  
 Handle: Optional

### REGULATORY APPROVALS

• CE • EAC • UL • CAN/CSA • FCC



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