

# LINX 10 PRINTER



## 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.

LINX



### 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

### PRINTING SPEEDS AND SIZES

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

### 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
- Simple line speed and shaft encoder set up wizard, for installation on new production lines
- 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
- 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)

### PRINthead CHARACTERISTICS

- Nozzle size: 62µm
- 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, 50/60Hz
- Power consumption: 32W (typical while printing)
- Weight (including fluids and printhead): 11kg
- Conduit: 1.3m
- Conduit management: Simply fixed in place on printer during transport
- Handle: Optional

### REGULATORY APPROVALS

- CE • EAC • UL • CAN/CSA • FCC

