

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.



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