LINX 10 PRINTER

Simple. Affordable. Reliable.

Designed for single shift production, the Linx 10 continuous ink jet printer prints up to three lines onto any substrate.

Easy to operate with minimal manual intervention, quick product changeovers and error-free code selection.

Economical design saves you cost, and its robust construction provides you with the long-lasting reliability and consistent performance you expect from Linx.

Simple

- **Easy to set up** with on-screen guides for simple setup on your line to start coding quickly
- **Compact and portable** with one of the smallest footprints on the market
- **Intuitive User Interface** with a colour touch screen and unique code selection using your product images

Affordable

- **Low running costs** delivered by the economical design and ink range to help you save up to 20%* on solvent usage and 30%* on ink consumption
- **Self-service is quick and easy** following on-screen instructions and can be planned around your production schedule
- **Reduce downtime with Linx PrinterNet**, a secure cloud-based service, that enables you to monitor and control your printer and production

Reliable

- **Robust construction** with a stainless-steel enclosure and an IP55 rating, suitable for wash down applications
- **Sealed and adjustment-free printhead** requires minimal cleaning to maintain optimal print quality
- **Error-free operation** with simple drop-in refill cartridges during printing and error-proofing for code creation

LINX

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
- 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 12 months/2,000 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

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 RANGE

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

*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

CONNECTIONS/INTERFACING

- Product detector
- External 24 volt alarm output
- Optional shaft encoder
- USB port for message and printer settings back up and restore, and wifi connection for Linx Printernet

ACCESSORIES/OPTIONS

- A conveyor mounting bracket
- Carry handle and printhead holder will be available as factory fit option

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

• GS • CE • EAC • NRTL • FCC

MP42173/05

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