LINX TT 1000 PRINTER



The Linx TT Series of thermal transfer overprinters provides an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

Designed to deliver a low total cost of ownership and increase your production line output, the Linx TT Series printers are particularly suitable for printing consistent, error free best before dates, batch codes, barcodes, ingredients, logos and other product information.

With an advanced motor drive, enabling operation without compressed air, the Linx TT Series printers print up to 1000 mm/s at widths up to 107mm.

Low total cost of ownership

- **Operates without compressed air** reducing installation and operating costs while maintaining consistent print quality
- **Increased range of printers and ribbons** to better meet your application and production line printing needs
- **Optimise ribbon usage** with a choice of 3 ribbon saving modes

Increased uptime

- **Quick and easy ribbon change** with a lightweight, simple, push button cassette system
- **Minimal ribbon change intervals and increased production line efficiency** with ribbon lengths up to 1,200m
- **Optimal number of user maintainable parts** that are easy to replace

Ease of use

- **Easy to set and maintain print quality** with electronic pressure control
- **Easy ribbon replacements** with a simple cassette system designed to minimise errors
- **Easy printer operation** delivered by a responsive, intuitive graphic user interface

LINX

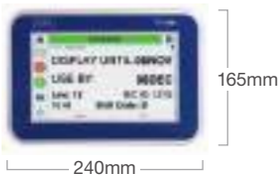
ELIXIR
INDUSTRIAL EQUIPMENT INCORPORATED

Linx TT 1000

CONTROLLER TOP ELEVATION



CONTROLLER FRONT ELEVATION



PRINTER 53MM



(225mm including clearance)

PRINTER 107MM



(225mm including clearance)

RIBBON CASSETTE



Technical Specification

PERFORMANCE

- Intermittent and continuous mode in the same printer
- Printhead characteristics:
  53mm, 300dpi, 12 dots/mm;
  107mm, 300dpi, 12 dots/mm
- Print area - intermittent motion mode:
  Up to 53mm (W) x 75mm (L) (53mm)
  Up to 107mm (W) x 75mm (L) (107mm)
- Print area - continuous motion mode:
  Up to 53mm (W) x 300mm (L) (53mm)
  Up to 107mm (W) x 300mm (L) (107mm)
- Maximum throughput*:
  Up to 700 prints per minute (53mm)
  Up to 450 prints per minute (107mm)
- Ribbon width:
  20mm - 55mm (53mm)
  55mm - 110mm (107mm)
- Maximum ribbon length:
  1200m
- Ribbon gap between messages:
  0.5mm nominal
- Print speed* - intermittent motion mode:
  10mm/sec - 800mm/sec (53mm)
  10mm/sec - 600mm/sec (107mm)
- Print speed* - continuous motion mode:
  1mm/sec - 1000mm/sec (53mm)
  1mm/sec - 1000mm/sec (107mm)
- Cable length between printer and power supply unit: 3 metres (5m option)

GENERAL FEATURES

- 8.0” WVGA (800x480) LCD touch screen graphic user interface including WYSIWYG print preview
- Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection
- Lightweight, simple, push button cassette design
- On-board diagnostics including printhead health
- 3 levels of password protection
- Multiple operator languages

*Print speeds and throughput are substrate, application and set-up dependent

PROGRAMMING AND PRINTING FEATURES

- Linx CLARiSOFT® message design software
- Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support)
- Barcodes EAN-8, EAN-13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix, QR, RSS (including 2D composite codes)
- Fixed/variable/merged text and numeric fields
- User enterable text and numeric fields
- Auto incrementing/decrementing text, counters and barcodes
- Basic shape drawing
- Flexible date/time formats
- Auto best before date calculation
- Formats for shift coding
- Multiple graphic formats supported - any size up to maximum print area
- Link fields to databases
- Field orientation 0°, 90°, 180°, 270°
- Mirror image, image rotation, and inverse printing
- Real time clock functions
- User configurable drop down lists fields
- Radial, intermittent stripes and interleaved images ribbon save functionality

MOUNTING OPTIONS

- Universal bracket system for integrating printer into intermittent and continuous motion packaging machinery

RIBBON RANGE OPTIONS

- Wax / Resin or Resin ink
- Range of colours, lengths and widths

CONNECTIONS/INTERFACING FOR

- External inputs (fully software configurable):
  3 PNP inputs
- External outputs (fully software configurable):
  2 relay outputs and 2 PNP +24v outputs
- RS232
- Ethernet
- USB memory stick support
- Binary and ASCII communications
- Host PC Mode (remote database) using CLARiNET® (option)
- Claricom CLARiNET® coder independent network management software (option)
- Link up to four TT 1000 printers to a single user interface

PHYSICAL CHARACTERISTICS

- Air supply: No compressed air required
- Humidity range: 85% max
- Power supply: 100 - 240VAC, 50/60Hz
- Operating temperature: 0° - 40°C

REGULATORY APPROVALS

- CE
- NRTL
- FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

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