

# LINX TT 500 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 bi-directional stepper motors delivering more prints per ribbon



## Increased uptime

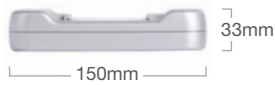
- ✓ Quick and easy ribbon change with a lightweight, simple, push button cassette system
- ✓ Minimal ribbon change intervals and increased production line efficiency with ribbon lengths up to 700m
- ✓ Optimal number of user maintainable parts that are easy to replace



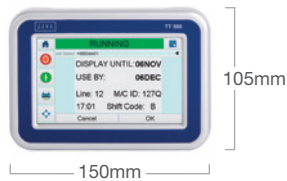
## Ease of use

- ✓ 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

**CONTROLLER  
TOP ELEVATION**



**CONTROLLER  
FRONT ELEVATION**



**PRINTER**



**RIBBON CASSETTE**



## Technical Specification

### PERFORMANCE

Intermittent and continuous mode in the same printer

Printhead characteristics:  
32mm, 200dpi, 8 dots/mm

Print area - intermittent motion mode:  
Up to 32mm (W) x 47mm (L)

Print area - continuous motion mode:  
Up to 32mm (W) x 100mm (L)

Maximum throughput\*:  
150 prints per minute

Ribbon width:  
20mm - 33mm

Maximum ribbon length:  
700m

Print speed\* - intermittent motion mode:  
50mm/sec - 300mm/sec

Print speed\* - continuous motion mode:  
40mm/sec - 500mm/sec

Cable length between printer and power supply unit: 3 metres (5m option)

### GENERAL FEATURES

5.0" 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 and QR

Fixed/variable 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 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):  
2 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 500 printers to a single user interface

### PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz, 2A

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.