
# Linx TT5 and TT10

## Thermal transfer overprinters

If you are coding onto flexible film packaging, labels or gloss card, the Linx TT Series of thermal transfer overprinters will deliver high resolution images, while minimising downtime and improving productivity and efficiency.

The Linx TT5 has a standard ribbon width (up to 55mm) and is particularly suitable for printing best before dates and batch codes. The Linx TT10, with its wider ribbon (up to 110mm) is perfect for printing longer messages such as ingredients, logos and marketing information. Both models are ideal for a wide variety of applications, especially within the snack food, confectionery and pharmaceutical sectors. The Linx TT5 is also available with IP55/65 protection for use in washdown environments.

### Increased production line uptime

- The Linx TT5 and TT10 use motors rather than clutches to control ribbon tension, minimising the risk of ribbon breaks
- The ribbon cassette design ensures that changing ribbons is quick and simple
- Less maintenance and faster ribbon changeover means increased uptime
- The Linx TT5 has a 1200m ribbon, resulting in fewer ribbon changes and increased production line efficiency.

### Lower cost of ownership

- No expensive labels or ribbons to buy – Bi-directional motors drive both ribbon unwind and re-wind reels, creating more prints per ribbon and leaving only a 0.5mm gap between messages
- Use of consumables is efficient, and no overprinting occurs.

### Easy to use

- Easy to use colour touch screen results in fewer errors and hassle-free operation
- Intuitive graphic user interface allows preview of messages before coding
- Three levels of password protection for added security
- An extensive on-board diagnostics package to optimise productivity.

### Exceptional flexibility

- The Linx TT5 and TT10 design allows you to switch easily between intermittent and continuous printing modes, as well as left or right hand operation
- Prevents the need for additional coder investment when production requirements change
- Both models fit into many existing coder brackets, enabling straightforward retro fitting to your production line.



# Linx TT5 and TT10

**CONTROLLER TOP ELEVATION**


**CONTROLLER FRONT ELEVATION**


**TT5 WASHDOWN PRINTER**


**TT5 PRINTER**


**TT10 PRINTER**


**RIBBON CASSETTE**

## Technical Specifications

### PERFORMANCE

- Unique solid-state ribbon drive
- Intermittent motion
- Continuous motion
- Printhead characteristics:
  55mm, 300dpi, 12 dots/mm (TT5)
  110mm, 300dpi, 12 dots/mm (TT10)
- Print area - intermittent motion mode:
  53mm (W) x 75mm (L) (TT5)
  107mm (W) x 75mm (L) (TT10)
- Print area - continuous motion mode:
  53mm (W) x 135mm (L) (TT5)
  107mm (W) x 200mm (L) (TT10)
- Ribbon width:
  20mm - 55mm (TT5)
  55mm - 110mm (TT10)
- Maximum ribbon length:
  1200m (TT5), 700m (TT10)
- Print speed - intermittent motion mode:
  50mm/sec - 800mm/sec (TT5)
  50mm/sec - 700mm/sec (TT10)
- Print speed - continuous motion mode:
  0mm/sec - 1000mm/sec (TT5)
  0mm/sec - 800mm/sec (TT10)
- Cable length between printer and controller:
  3 metres
- High throughput modes configurable by software
- *Print speeds and throughput are resolution, substrate, application and set-up dependent*

### GENERAL FEATURES

- 8.4" TFT SVGA (800 x 600) touch screen operator interface
- Full-colour LCD touch panel interface with WYSIWYG print preview
- Clutchless bi-directional ribbon drive
- Simple ribbon webbing
- 3 levels of password protection
- On-board diagnostics
- On-board memory, compact flash and/or expansion card
- Off-line set up and parameter storage
- Multiple operator languages
- Job selection and database support as standard

### PROGRAMMING AND PRINTING FEATURES

- Linx CLARiSOFT® image design software
- Full downloadable font support for Windows TrueType (including multiple languages and Unicode support)
- Fixed, variable and merged text fields
- Link fields to databases
- Flexible date/time formats
- Formats for shift coding
- Field orientation 0°, 90°, 180°, 270°
- Mirror image printing, image rotation
- Real time clock functions
- Auto best before date calculation and concession management
- Scaleable text including rotation, mirror and inverse printing
- Multiple graphic formats supported - any size up to maximum print area
- Barcodes EAN 8, EAN 13, UPC-A, UPC-E Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix QR Model 2, RSS (including 2D composite codes)
- Text blocks
- Auto incrementing/decrementing text, counters and barcodes
- Basic shape drawing
- User configurable drop down lists fields
- 512MB message store memory
- Ribbon save functionality (3 types)

### MOUNTING OPTIONS

- Universal bracket system for integrating coder into packaging machinery

### RIBBON RANGE OPTIONS

- Wax / Resin ink
- Resin ink
- Range of colours available on request

### 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 comms protocols and Windows drivers
- Host PC Mode (remote database) using Linx CLARiNET® (option)
- Linx CLARiNET® coder independent network management software (option)
- Master/slave unit - link up to four coders to a single controller and user interface (option)
- Web server capability - fully integrate user interface into packaging machinery (option)
- ZPL emulation for label design programs (option)

### PHYSICAL CHARACTERISTICS

- Air supply: 6 Bar, 90psi, uncontaminated 1.0ml/cycle (max)
- Humidity range: 85% max
- Power supply: 90-264V
- Operating temperature: 5°- 40°C
- IP55 environmental protection rating (EN 60529:1991/IEC60529:1989):
  TT5 Washdown Controller (option)
- IP65 environmental protection rating (EN 60529:1991/IEC60529:1989):
  TT5 Washdown Printer (option)

### REGULATORY APPROVALS

- MET NRTL
- CE mark
- FCC

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

For more information email **sales@linxglobal.com** or visit **www.linxglobal.com**