



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 2.17") and is particularly suitable for printing best before dates and batch codes. The Linx TT10, with its wider ribbon (up to 4.33") 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 3937 ft 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 0.02" 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:

2.16" (W) x 2.95" (L) (TT5)

4.33" (W) x 2.95" (L) (TT10)

Print area - intermittent motion mode:

2.09" (W) x 2.95" (L) (TT5)

4.21" (W) x 2.95" (L) (TT10)

Print area - continuous motion mode:

2.09" (W) x 5.31" (L) (TT5)

4.21" (W) x 7.87" (L) (TT10)

Ribbon width:

0.79" - 2.17" (TT5)

2.17" - 4.33" (TT10)

Maximum ribbon length:

3937ft (TT5), 22.97ft (TT10)

Print speed - intermittent motion mode:

1.97"/sec - 31.5"/sec (TT5)

1.97"/sec - 27.56"/sec (TT10)

Print speed - continuous motion mode:

0"/sec - 39.37"/sec (TT5)

0"/sec - 31.5"/sec (TT10)

Cable length between printer and controller:

9.84 ft

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 32°F, 194°F, 356°F, 518°F

Mirror image printing, image rotation

Real time clock functions

Auto test 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: 41°F - 104°F

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.