# Linx TT5 Washdown

## 55mm Ribbon width for Basic Batch Code Applications

• For washdown environments
• Clutchless ribbon drive to minimise the risk of ribbon breaks



**Tired of additional covers or moving your thermal printer off the factory floor? There's no need for this with the Linx TT5 Washdown. It's ready in seconds!**

The Linx TT5 Washdown is IP65 rated to make cleanups and maintenance easier and quicker than before. Ideal for coding onto flexible film packaging, the Linx TT5 Washdown will deliver high resolution print whilst enhancing productivity to increase your profits.

Its Ingress Protection (IP) rating is designed specifically for applications where hygiene standards are important or for particle filled air environments such as food, confectionery and pharmaceutical industries. It retains the same features and benefits as the Linx TT5 thermal transfer overprinter, such as a standard ribbon width (of up to 55mm), and is particularly suited to printing best before dates and batch codes.

### For washdown environments

• The simple and quick change of the standard print cassette with the IP cassette means the Linx TT5 Washdown is ready for water jets in seconds.

### Increased production line uptime

• The Linx TT5 Washdown 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 Washdown has a 1000m ribbon, resulting in fewer ribbon changes and increased production line efficiency

### 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

• An extensive on-board diagnostics package to optimize productivity

### Lower cost of ownership

• 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

### Exceptional flexibility

• The printer design allows you to switch easily between intermittent and continuous printing modes

• Prevents the need for additional coder investment when production requirements change

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# Technical Specifications Linx TT5 Washdown

**THERMAL TRANSFER OVERPRINTERS**

## Controllers

### Controller

244mm
92mm
230mm

### Washdown Printer

183mm
181mm
119mm
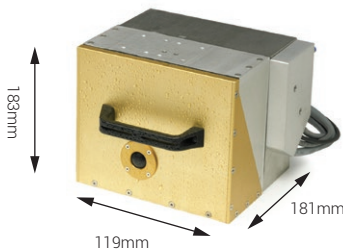
### Ribbon Cassette

| Performance | | |
|---|---|---|
| Unique solid-state ribbon drive | • | |
| Intermittent motion | • | |
| Continuous motion | • | |
| Printhead | 55mm, 300dpi, 12 dots/mm | |
| Print area – intermittent motion mode | 53mm (W) x 75mm (L) | |
| Print area – continuous motion mode | 53mm (W) x 135mm (L) | |
| Ribbon width | 20mm – 55mm | |
| Maximum ribbon length | 1000 metres | |
| Print speed - intermittent motion mode | 50mm/sec – 800mm/sec | |
| Print speed - continuous motion mode | 0mm/sec – 1000mm/sec | |
| Cable length between printer and controller | 3 metres | |
| High throughput modes configurable by software | • | |
| Print speeds and throughput are substrate, application and set-up dependant | | |

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

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

| Connections/Interfacing | |
|---|---|
| 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) | ○ |
| Coder independent network management software | ○ |
| Master/slave unit – link up to four coders to a single controller and user interface | ○ |
| Web server capability – Fully integrate user interface into packaging machinery | ○ |
| ZPL emulation for label design programs | ○ |

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

| Options | |
|---|---|
| Universal bracket system for integrating coder into packaging machinery | ○ |

| Ribbon range | |
|---|---|
| Wax / resin ink | • |
| Resin ink | • |
| Range of colours available on request | ○ |

| Regulatory approvals |
|---|
| • MET NRTL  • CE mark  • FCC  • C-Tick |

**Key:** • standard  ○ option    Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

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