

Linx IJ350 & IJ370



Does your current large character printer require regular cleaning to achieve high print quality?

With patented self-cleaning technology, the Linx IJ350 and IJ370 high definition printers optimise uptime and ensure crisp print quality on every carton. No mess, no fuss and no stopping!

The compact, detachable display of the Linx IJ350 and IJ370 enables flexible and easy installation. The icon-based touch screen has a simple user interface, which guarantees quick, simple and training-free operation.

The Linx IJ350 prints messages up to 53mm high, and the Linx IJ370 prints up to 70mm high. Both are perfect for large character coding onto a wide range of porous materials.

Self-cleaning printhead

- Fully enclosed self-cleaning technology keeps all printhead nozzles clean, all the time – no downtime and no manual intervention needed
- Unique nozzle protection system guards against dust, damage or poor carton presentation – preventing damage to the printer and ensuring clear, accurate text, logos and barcodes every time
- Innovative ink recirculation system means every drop of ink is used – so consumables cost less: there's no waste and no mess

Error-free coding

- Integrated software guides the user to select the correct data for the printed message – so coding is error-free

- Our simplest ever touch-screen user interface makes operation easy – with attractive icons, print preview and colour-coded status bar which provides instant feedback
- Intuitive printer control means minimal training is required and operator errors are unlikely

Detachable display

- Compact, detachable display can be installed easily on the production line
- Choice of cable lengths – for maximum flexibility during installation
- Vertical screen configuration means the display is visible from across the factory – you can see printer status from a distance, at a glance



Linx IJ350 & IJ370

Dimensions (mm)

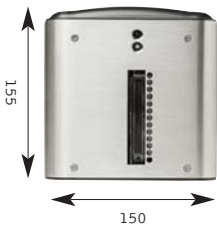
3D View



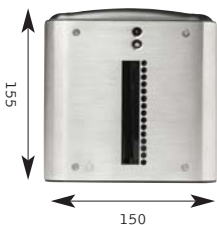
Side Elevation



IJ350 Front Elevation



IJ370 Front Elevation



Detachable Display Unit (DDU)



Performance

| | Linx IJ350 | Linx IJ370 |
|---|---|---|
| Printer | • | • |
| Patented self-cleaning micro-purge system | • | • |
| Unique enclosed printhead | • | • |
| Detachable display unit | • | • |
| Printhead | 53 mm, 7 dots/mm (180 dpi) | 70 mm, 7 dots/mm (180 dpi) |
| Print area | 53 mm (H) x 2000 mm (L) | 70 mm (H) x 2000 mm (L) |
| Print speed (at highest resolution) | 5.0 mm/s to 550 mm/s | 5.0 mm/s to 550 mm/s |
| Throw distance from nozzle to substrate – maximum | 5.0 mm | 5.0 mm |
| Throw distance from nozzle to substrate – optimum | 2.0 mm | 2.0 mm |
| Character height range | 1.4 mm to 53 mm | 1.4 mm to 70 mm |
| Cable length between printer and display unit | 1 m (standard) 3 m (option) | 1 m (standard) 3 m (option) |
| Printer orientation | Horizontal orientation (printing onto vertical substrates) | Horizontal orientation (printing onto vertical substrates) |

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

General features

- 6.5" TFT VGA touch screen operator interface
- Full-colour LCD interface with WYSIWYG message display
- High visibility colour-coded status indicator
- Clear icons and simple option menu layout
- User-adjustable self-cleaning cycle frequency
- Automatic ink reclaim and recycling
- Simple ink refill with uninterrupted printing
- On-board system diagnostics with user-friendly guidance messages
- Off-line set up and parameter storage
- Multiple operator languages
- Job selection and database support as standard

Programming and printing facilities

- 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, EAN 128, Code 128, ITF, Databar (RSS) (including 2D composite codes), PDF417, Data Matrix
- Text blocks
- Auto incrementing/decrementing text, counters and barcodes
- Basic shape drawing
- User configurable drop down lists fields for maximum line flexibility
- 512 MB message store memory (Compact Flash upgradeable)

Options

Universal gantry for integrating coder onto conveyor systems •

Ink range

Pigmented oil-based inks, suitable for a wide range of porous materials
Ink packaging

Linx Black ink LC8520
(non-toxic, suitable for food packaging)
Unpressurised canisters 2 sizes: Low/medium throughput
High throughput

Connections/Interfacing for

| | |
|--|---|
| External inputs | 3 PNP inputs (Print signal, line selection, print gating) |
| External outputs (fully software configurable) | 1 relay output and 2 PNP +24 V outputs |
| RS232/422 point-to-point communications | • |
| Ethernet 10/100 Base TX network | • |
| USB memory stick support | • |
| Binary and ASCII comms protocols and Windows drivers | • |
| Host PC Mode (remote database) using CLARINET™ | ○ |
| CLARINET coder independent network management software | ○ |
| Master/slave unit – link up to four coders to a single controller and user interface | ○ |
| CODESOFT® label design software support | ○ |
| ZPL emulation for label design programs | ○ |

Physical characteristics

| | |
|---|------------------------------------|
| Printer and detachable display unit | High impact ABS with steel chassis |
| Air supply | 6 bar, 90 p.s.i., uncontaminated |
| Power supply | 90 V to 264 V AC, 47 Hz to 63 Hz |
| Power rating | 50 W (average), 140 W (maximum) |
| Operating temperature range | +10°C to +35°C |
| Operating humidity range (non-condensing) | 10% to 80% |
| Weight | Approximately 5 kg |

Regulatory approvals

- CE mark
- FCC
- UL60950:2000 (3rd edition)
- RoHS / WEEE

Key • standard ○ option

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



For more information, contact Reynolds Group Limited, P.O. Box 13 579, Onehunga, Auckland 1643, New Zealand.
Telephone +64 9 622 3500 24-Hour Hotline 0800 263 464 Fax +64 9 622 3501 email sales@rgl.co.nz www.rgl.co.nz

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