

# Linx IJ350 & IJ370



## Where is the waste in your current case coding process? Is it in expensive labels, wasted ink, or excessive downtime?

The Linx IJ350 and IJ370 high definition printers offer you significant savings of up to 80% compared to labelling, and the innovative ink recirculation system ensures no ink is wasted in printhead cleaning; every drop is used. With patented self-cleaning technology, the Linx IJ350 and IJ370 optimise uptime and ensure crisp print quality on every carton.

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 and simple operation with minimal training required.

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

### Lowest running costs

- No ink wasted in printhead cleaning – the innovative ink recirculation system means every drop of ink is used – there's no waste and no mess
- No expensive labels or ribbons to buy
- Reduced stock of pre-printed boxes

### Minimal production downtime

- 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

### Error-free coding

- Integrated software guides the user to select the correct data for the printed message – so coding is error free
- Intuitive printer control means minimal training is required

### Simple to set up and use

- Our simplest ever touch-screen user interface makes operation easy – with attractive icons, print preview and colour-coded status bar which provides instant feedback
- Compact, detachable display can be installed easily on the production line
- Vertical screen configuration means the display is visible from across the factory – you can see printer status from a distance, at a glance
- Choice of cable lengths – for maximum flexibility during installation.



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# Linx IJ350 & IJ370

## Dimensions (mm)

3D View



Side Elevation



IJ350 Front Elevation



IJ370 Front Elevation



Detachable Display Unit (DDU)



## Performance

Printer	Linx IJ350	Linx IJ370
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
- Automatic ink reclaim and recycling
- 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
- Message back-up to USB memory stick
- Printer Cloning
- 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
- Scalable text including rotation, mirror and inverse printing
- Multiple graphic formats supported – any size up to maximum print area
- Filter change warning
- Image stitching supported
- 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, QR Codes
- 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)

## Mounting options

- Universal gantry for integrating coder onto conveyor systems
- Range of fully adjustable floor mounted and free-standing gantries

## 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
- CLARINET coder independent network management software
- Host PC Mode (remote database) using CLARINET™
- 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
- 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: 0°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.

\* The printer should be left switched on at all times when printing in low temperature environments (0°C to +5°C). The recommended printer warm-up time at these temperatures is 30 minutes.

[www.linxglobal.com](http://www.linxglobal.com)



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