Linx IJ355 & IJ375

Large character printers

Are expensive labels, pre-printed boxes and wasted ink driving up your production costs?

The Linx IJ355 and IJ375 high definition printers represent the most efficient method to code cartons, with excellent print quality and minimum down time. Print high-resolution barcodes, logos and text. Switch from waxjet printers and avoid long warm-up times and peeling codes.

Reliability and quality

- The robust nozzle protection system maintains the printhead in optimum condition, and helps to minimise downtime
- Print quality is maintained by the ReFRESH® system, which automatically keeps print nozzles clear
- High adhesion ink for porous and semi-porous surfaces of cardboard cartons used across distribution chains. Printed codes remain legible even after extensive handling
- Typical applications include packaging and large POS boxes.

Reduce consumable costs

- No expensive labels or ribbons to buy – no need for pre-printed boxes
- Low running costs with the ReFRESH system – automatically recycles ink and ensures every drop of ink is used for printing
- Instant change of message size and content – no more wasted labels and pre-printed boxes.

Easy to use

- Large, easy to use colour touch screen
- Message preview – check that the correct message is printed
- Print status – see at a glance that printing is on track
- Simple mess-free ink change using canisters – no need to stop the printer to refill
- Compact and easy-to-install unit.

Compatibility and control

- Control access with different operator user levels
- Compatible with a range of line control and message creation software
- Master/slave unit – link up to four coders to a single controller and user interface
- Send messages and print jobs via Ethernet, USB stick, RS232
- Populate your message from an external database
- Printer cloning on USB to move printer set-ups between production lines.

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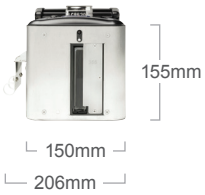
SIDE ELEVATION

IJ355 & IJ375 FRONT ELEVATION



DETACHABLE DISPLAY UNIT (DDU)

Technical Specifications

PERFORMANCE

Print area (Linx IJ355):
53 mm (H) x 2000 mm (L) (2.1" x 78")

Print area (Linx IJ375):
70 mm (H) x 2000 mm (L) (2.8" x 78")

Character height range (Linx IJ355):
1.4 mm to 53 mm, text, graphics, barcodes

Character height range (Linx IJ375):
1.4 mm to 70 mm, text, graphics, barcodes

General features: patented Linx ReFRESH system, enclosed printhead, detachable display unit

Resolution: 180 DPI 7 ink dots per mm. Suitable for text, graphics and barcodes such as GS1-128, ITF-14, SSCC-18, EAN13, UPC-A, UPC-E, EAN8, DataMatrix, Code 128, I 2 of 5, Code 39, PIC and others as required

Print speed at highest resolution (barcodes):
5.0 – 550 mm/s

Print distance (distance from printer face):
0.5 – 4.0 mm

Cable length between printer and display unit:
1 m (standard), 3 m (option)

Printer orientation: horizontal, printing onto vertical surfaces

MESSAGE CREATION AND MANAGEMENT

Interfaces: colour 6-inch icon driven interface with message review, print job management, and printing status

Messages composed using: BarTender®, Codesoft®, Linx Clarinet® software, ZPL® emulation for other message creation and management software, Windows® printer driver.
Prompted fields for user entry of dates, batch codes etc.
Database access using Clarity configuration manager

Storage: USB memory for messages storage, printer cloning. On-board 512MB

Production line automation: printer and print jobs can be controlled by binary and text command language. Off-line set-up and parameter storage on PC

Languages: Arabic, Bulgarian, Chinese (Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish and Turkish

Quality and diagnostics: printer status feature supports fault prevention and maintains uptime. Fluid ID Number (FIN) used to ensure correct ink is used. ReFresh system can be adjusted to suit the production environment. Additional single button press to clean printhead nozzles – maintains print quality in challenging environments

CONNECTIONS / INTERFACING

Inputs / outputs: for beacons, print triggers etc.

Multiple coding: master/slave unit – link up to four coders to a single user interface

Communications: RS232, Ethernet

PHYSICAL CHARACTERISTICS

Ink range: Linx Black ink LC8520, Linx Red ink LC8530. Pigmented oil-based inks, suitable for a secondary packaging and other porous materials

Ink delivery: non-pressurized, non-drip ink canister can be changed during printing

Brackets: fully adjustable floor-mounted bracketry, or bracketry for integrating coder onto conveyor systems

Air supply: from a dry, uncontaminated 6 bar air supply

Power supply: 100-240VAC, 50-60 Hz, 1.5 A

Power rating: 50 W (average), 140 W (maximum)

Operating temperature range: 5°C to +35°C. 0°C to +5°C with 30 minute warm-up time

Operating humidity range (non-condensing): 10% to 80%

Weight: 5.6 kg

REGULATORY APPROVALS

• CE • UL • CAN/CSA • FCC • EAC

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