



# 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.



## Linx IJ355 & IJ375

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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