Linx **IJ470**

Large Character Inkjet Printer

Product Overview



Making printing one less thing to worry about

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Discover the Linx IJ470

Reduce operating costs



Lowest cost for secondary coding

Low cost-per-code

Reduce costs versus print-and-apply systems, hand-applied labels and pre-printed boxes. The IJ470 prints high-resolution text, logos, barcodes and 1D & 2D GS1 codes directly onto outer cases, with a built-in cost-per-code calculator.



Reduce storage and waste costs

Direct coding

Labels, ribbons and pre-printed packaging require storage and add costs. Direct coding frees up storage, production space, reduces labour, eliminates backing paper waste, and lowers spend on adhesives, ribbons and scrapped materials.

Eliminate unplanned downtime



No ink warm-up needed

Oil-based inks

Start printing immediately, avoiding delays caused by ink warm-up. The Linx IJ470 enables instant printing at any time, supporting flexible, on-demand production without interruption.



Built for real production environments

Robust printer enclosure

The stainless steel and anodised aluminium enclosure is designed to protect critical components and eliminate downtime caused by damage in handling and regular use.



No blocked nozzles

ReFRESH® system

To reduce unplanned downtime, the ReFRESH system automatically performs micro-purges to keep print nozzles clean and maintain print quality. It also filters and recycles purged ink for reuse, lowering costs and reducing refills.



Correct codes, made easier

Error-free messages from external sources

Integration with message software

Integrate the IJ470 easily with line control and message creation software, to reduce errors. Messages can be populated from external databases to help ensure the correct code is printed every time.



Simple message creation

Intuitive user interface

Quickly set up and edit messages using the intuitive printer touchscreen. View the printer status and message previews at a glance, then adjust size and content instantly to reduce setup time and wasted product.



GS1® ready

On-screen GS1 code creation

Easily create GS1-compliant 2D codes, and other barcodes, on the IJ470's printer interface.



Production flexibility

Multi-message printing

Leader & follower units

Increase print area and print on both sides of every carton using leader and follower units. Connect up to 4 printers and control them from a single user interface.



The right ink for your application

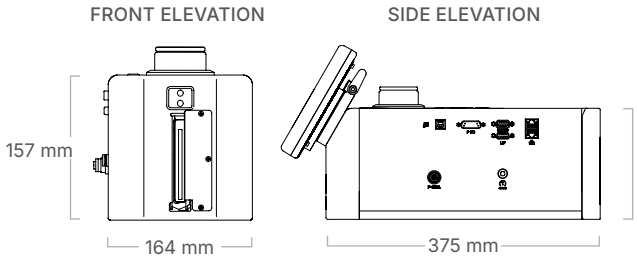
High adhesion inks

Codes remain clear and durable, even after extensive handling. Choose from black mineral oil or mineral oil-free ink, or red mineral oil-free ink, for cardboard boxes and other porous or semi-porous materials. No peeling labels, rub-off, flaking or rework.



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Technical Specifications

		LINX IJ470
PRINT AREA		70 mm (H) x 2000 mm (L) (2.8″ x 78″)
CHARACTER HEIGHT RANGE		1.4 mm - 70 mm
RESOLUTION		180 dpi, 7 ink dots/mm
MAXIMUM PRINT SPEED*	**BARCODES**	0.6 - 66 m/min (2.0 to 216 ft/min)
	ALPHANUMERIC TEXT	up to 132 m/min (433 ft/min)
PRINT DISTANCE (FROM PRINTER FACE)		0.5 - 4.0 mm
CABLE LENGTH (PRINTER TO DISPLAY UNIT)		1 m, 3 m (option)
PRINTER ORIENTATION		Horizontal, printing onto vertical surfaces
PRINTHEAD CLEANING		Linx ReFRESH® system which can be adjusted to suit the production environment
		Single button press to clean printhead nozzles
PRINT CAPABILITIES	**CREATE ON UI**	Text, Symbols, Numbers, Graphics, Logos, Barcodes (EAN128 including GS1-128, ITF-14 including I2of5, EAN 8, EAN13, UPC-A, UPC-E, Code 128 A, B & C, Code39, Dotcode, Dotcode GS1, QR, QR GS1, Data Matrix, Data Matrix GS1)
	SOFTWARE REQUIRED	Barcodes (PDF417, Micro PDF417, DataBar RSS14, GS1 DataBar Expanded)
MESSAGE CREATION		Create and edit messages on the user interface, including 2D barcodes
		CLARiSOFT®, CLARiNET® software, ZPL® emulation for other message creation and management software, Windows® printer driver
		Prompted fields for user entry of dates and batch codes
		Database access using CLARiTY configuration manager
		Scan2Run to enable message selection with a scanner
PRODUCTION LINE AUTOMATION		Printer and print jobs can be controlled by binary and text command language.
		Offline setup and parameter storage on PC
USER INTERFACE		8″ high-response TFT-LCD touchscreen Detachable display unit (DDU) can be mounted to the printer body or a bracket
		On-screen diagnostics, message creation and review, print job management and printer status
		Control access with different operator user levels
STORAGE		8GB on-board memory
		USB memory for message storage and printer cloning
LANGUAGES		English, Arabic, Bulgarian, Chinese (Mandarin), Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Vietnamese
INK		Non-pressurised, non-drip ink canisters can be replaced during printing
		Pigmented oil-based inks, 365 ml and 175 ml canister volumes available
		Fluid ID Number (FIN) used to ensure correct ink is used
CONNECTIONS		Leader/follower units; link up to four printers to a single user interface
		1 x Product detector input, 1 x DB15 interface integrated shaft encoder input, Job select inputs, 24VDC output, 3 configurable inputs and outputs for driving relay control or beacon, 1 x DB9 interface for sharing product detect and encoder signal between printers, Ethernet, RS232
ENCLOSURE		Stainless steel and anodised aluminium
OPERATING TEMPERATURE RANGE		5-40 °C with no warm-up required. 0-5 °C with 30 minute warm-up time
HUMIDITY RANGE		10% to 80% relative humidity, non-condensing
AIR SUPPLY		6 Bar, 90 psi, dry, uncontaminated / Regulated to 4.5 Bar, 65 psi
POWER SUPPLY		100-240 VAC, 50/60 Hz, 2.1-1.2 A
POWER CONSUMPTION		50 W maximum
WEIGHT		6.7 kg (printer with display screen, excluding ink)
MOUNTING OPTIONS		Fully adjustable floor or conveyor mount
REGULATORY APPROVALS		CE UL CAN/CSA FCC TUV
WARRANTY		12 months, including printhead

*Speeds are message density dependent

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