

LINX 8300 PRINTER



Superior Reliability. Simple Operation. Consistent Performance.

The Linx 8300 continuous ink jet printer prints up to three lines of traceability codes on porous and non-porous materials, and delivers consistent, reliable performance with minimal maintenance.

The printer's simple design allows quick and easy set up, so you can print clearly and accurately on your products with fast drying inks, to give long-lasting batch, date and other product information.

Its robust design makes the Linx 8300 suitable for a wide range of environments, with purpose-designed accessories for easy installation on your production line.



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Superior Reliability

- ✓ **Reliable and hassle-free operation** delivered by consistent printer performance at a wide range of temperatures
- ✓ **Flexible service** with minimal service interventions to fit around your production schedule, helping to reduce maintenance cost
- ✓ **Clean starts** provided whenever you need to print with automatic printhead cleaning, controlled by you



Simple Operation

- ✓ **Quick and easy code setup and selection** using a large, high-resolution, colour touch screen with icons which are easy to understand and operate
- ✓ **Simple message changes** for fast editing when changing batches or products, no need to re-type messages or navigate through multiple screens
- ✓ **Easy fluid refills** completely mess-free and mistake-free fluid refills during printing using septum sealed cartridges



Consistent Performance

- ✓ **Future-proof capability** enabling you to print up to 420 products a minute with clear and readable codes
- ✓ **Long-lasting printed codes** on a wide range of materials with a range of fast drying inks
- ✓ **Consistent print quality** achieved by automatically adapting to changing environmental conditions

LINX

Linx 8300

PRINTHEAD



SIDE ELEVATION



FRONT ELEVATION



TOP ELEVATION



Technical Specifications

PRINT SPEEDS AND SIZES

Nozzle size:	60 µm, 70 µm
Lines of print:	Up to 3
Character height range:	2 to 7.5 mm
Maximum speed for single line print (5 dot high characters):	2.5 m/s
Maximum speed for two line print (7 dot high characters):	0.83 m/s
Recommended distance from printhead to substrate:	12mm

HARDWARE FEATURES

- Automatic printhead flushing
- Printhead jet-speed control for consistent printing in changing ambient temperatures
- Mistake-proof, mess-free ink and solvent refilling while printing (0.75 litre cartridges)
- 8-inch full colour touch screen, solvent proof
- Flexible conduit for easy printhead positioning
- Recommended service interval: 3,000 hours

SOFTWARE FEATURES

- Automatic printhead cleaning with fast start and stop option
- Simple message creation and editing with drag-and-drop field positioning
- Total print count, message count and batch count
- Password-protected functions, with configurable user access
- Message editing while printing
- Message creation/editing while printing
- On-screen output rate measurement
- On-screen fluid level indicators
- On-screen alerts and printer status information
- Message and line setting backup, copy and restore using USB storage device

MESSAGE PRINTING FACILITIES

- Text, symbols and numbers
- One-step message editing with protected fields, for fast, mistake-proof editing
- Height, width and delay functions for easy code sizing and positioning
- Automatic formats for printing dates, times and date rounding (using the printer's internal clock)
- Automatic date forward function
- Sequential numbering, forward and backward counting, variable intervals
- One-touch sequential number reset option from the home screen
- Number of messages stored: up to 100 using internal printer memory (depending on message content), more can be stored using a USB storage device
- Bold character printing (up to 3 times)
- Variable character spacing
- Inverted and reversed printing
- Shift coding (message content changes automatically at defined times)
- Graphics and logos can be imported into the printer using the USB port
- Barcode printing: 2D Data Matrix, GS1, EAN 8 and 13, Code 128 A, B and C, UCC/EAN 128, Code 39, Interleaved 2 of 5, UPC A and E

PRINTHEAD OPTIONS

- 2m conduit
- 3m conduit (option)

INK RANGE

- Linx MEK base (dye-based)

CONNECTIONS/INTERFACING FOR

- Product detector
- Shaft encoder
- USB – for message and printer settings backup and transfer and logo download to the printer

PHYSICAL CHARACTERISTICS

- Printhead cover tube and enclosure: Stainless steel
- IP43 environmental protection rating
- Bench or table mounting
- Operating temperature range: 5-45°C
- Humidity range (r.h., non-condensing): 90% max
- Power supply: 100-240V, 50/60Hz
- Power consumption: 70W
- Weight: 16kg (including fluids)

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