Linx 7300 Solver

Do you need to minimise your ink jet printer running costs, and maximise coding reliability?

The Linx 7300 Solver is designed to reduce solvent consumption by up to 40%*, delivering less waste and lower running costs. All Linx printers are designed to minimise total cost of ownership and maximise reliability. In addition, the Linx 7300 Solver has a purpose built ink system which intelligently adapts to the production environment, providing even more efficient solvent usage without compromising reliability.

Lowest running costs

- Provides lowest solvent consumption, even at low operating temperatures unlike other ink jet printer brands
- Dynamically adjusted service interval of up to 6000 hours, with no expensive ink modules to change
- No ink tank changes between services.

Minimised production downtime

- Does not require a solvent cooling system unlike other solvent reduction devices – no risk of condenser or cooling fan failure
- FullFlush™ system automatically cleans and dries the printhead and conduit at every shutdown, minimising manual cleaning
- Fast, mistake-proof refills with the new SureFill™ system.

Error-free coding

- QuickSwitch™ software allows fast and easy message changes using a barcode scanner
- Integral USB port enables trouble-free transfer of message content and set up data between printers.

Future proof features

- Data Matrix and 3-line printing provided as standard, with optional 4 or 5-line printing
- Wide range of message formats available, including logos and barcodes

*Solvent reduction is up to 40% compared to a standard Linx printer. Savings may be even greater compared to other continuous ink jet brands.

On average, the Linx 7300 Solver uses less than 4ml of solvent per hour, at 20°C, when using MEK based (Methanol free) inks.

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Linx 7300 Solver

Dimensions (mm)

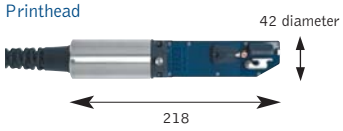
Top Elevation

Front Elevation

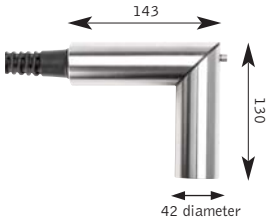
Side Elevation

(Including clearance at back of printer)

Printhead



Midi SRRA Printhead



Print speeds and printhead options

Printhead	Micro	Mini	Ultima*	Midi*
Lines of print supported	1,2,3 or 4	1 or 2	1,2 or 3	1,2,3,4 or 5
Character height range	1.1 to 8.0 mm	1.4 to 6.7 mm	1.8 to 7.8 mm	1.8 to 12 mm
Maximum speed: single line print, wide pitch, High Performance print option	8.41 m/s	6.83 m/s	6.25 m/s	6.28 m/s
Maximum number of characters per second	2222	2667	2222	1905
High Performance (HP) print option	o	o	o	o

*For certain inks, Ultima A and Midi A printheads replace Ultima and Midi printheads, to provide reliable performance. Print speeds are unchanged.

General features

- Single button startup and shutdown
- Simple menu-driven WYSIWYG message creation and editing
- SureFill™ mistake proof refill system and on-screen fluid level indicators
- Integral QWERTY keyboard (full size) and ¼ VGA back-lit colour display, printer status indicators (4 LEDs)
- USB port for copy and back up of message and printer settings
- FullFlush™ automatic printhead and conduit flush
- Auto power-off
- Automatic diagnostics
- Multiple operator languages (user selectable)
- Dynamically adjusted service interval
- Password-protected functions
- Dynamic message and logo storage capacity

Programming and printing facilities

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo creation and editing, on-screen
- QuickSwitch™ message selection and editing using barcode scanner
- Barcodes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A
- Data Matrix 2D codes
- Bold factor (up to 10 times)
- Height, width and delay functions for easy code sizing and positioning
- Standard and user-definable formats for shift coding
- Remote communications interface
- Real-time clock functions
- Automatic date forward function
- Batch coding and counting
- Sequential numbering and message
- Dynamic reverse and invert printing for traversing lines
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options
- o LogoJet PC-based message and logo creation software

Printhead options

- 2m conduit
- o 90° printhead configuration
- o Midi Short Reach Right Angled (SRRA) printhead, length 130mm
- o Positive air purge to printhead
- o Cutaway printhead cover tube
- o Magnetic shielded cover tube

Ink range

Linx MEK base (dye-based/ soft pigmented)	•
Linx mixed base	•

Connections/interfacing for

- Shaft encoder
- Primary and secondary product detectors
- External single stage alarm output
- USB
- RS232
- o External multi-stage alarm output
- o Ethernet
- o Parallel I/O
- o Multiple printer triggering from single product detector/shaft encoder
- o Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)

Physical characteristics

Base and enclosure	Stainless steel
IP55 environmental protection rating (EN 60529:1991/IEC60529:1989)	•
IP65 environmental protection rating (EN 60529:1991/IEC60529:1989)	o
Mounting options	Bench or console
Operating temperature range	5 – 45°C
Humidity range (r.h., non-condensing)	90% max
Power supply	100-230V, 50/60Hz
Power rating	200W
Weight	21kg

Regulatory approvals

TÜV/GS	•
CE mark	•
FCC	•

Key • standard o option

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