

# Linx 7900 Solver



## Do you need to minimise your ink jet printer running costs, while maximising your coding reliability?

The Linx 7900 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 the total cost of ownership and maximise reliability. However, the Linx 7900 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

- Lowest solvent consumption especially at low operating temperatures unlike other ink jet printer brands
- Intelligent ink system enables up to 9000 hours between scheduled service intervals

- 18 month printer warranty from installation at no extra cost.

### Increased production uptime

- Does not require a solvent cooling system unlike other solvent reduction devices – there is no risk of condenser or cooling fan failure
- FullFlush® system automatically cleans and dries the printhead and conduit at every shutdown
- SureFill® enables fast, mistake-free refills, every time.

### Quick and simple code setup

- QuickSwitch® Plus software allows simple and accurate code changes using a bar code scanner
- PrintSync® automatic print format selection – assigns the best message type for optimum print quality
- Linx Insight® enables remote monitoring from a smart phone, plus message download and control from a PC

- Mistake-free message editing is provided by customisable on-screen prompts, to reduce coding errors.

### QuickSwitch Plus

- Automated code set up using a barcode scanner, or data from a PC or PLC
- Automatically selects a message, edits message content and sets print parameters such as print orientation, height and width, and position on pack
- Sets date offset
- Reduce your coding errors and speed up product changeovers.

\*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 7900 solver uses less than 4ml of solvent per hour at 20°C when using MEK based (Methanol free) inks, and the Ultima and Midi printheads.



THINKING ALONG YOUR LINES

# Linx 7900 Solver

Dimensions (mm)

Top Elevation



Front Elevation



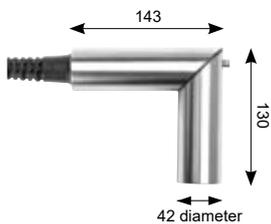
Side Elevation



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				

\*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 1/4 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
- Saving remote field data over a power cycle
- Linx Insight remote printer control and status view
- Auto power-off
- Automatic diagnostics
- Multiple operator languages (user selectable)
- Dynamically adjusted service interval up to 9000 hours
- Password-protected functions
- Dynamic message and logo storage capacity
- Prompted fields
- QuickSwitch Plus automated code setup software
- PrintSync print format selection software
- Print History log

## 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
- Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A, GS1 128 linear bar code
- 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
- LogoJet PC-based message and logo creation software

## Printhead options

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

## Ink range

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

## Connections/interfaces for

- Shaft encoder
- Primary and secondary product detectors
- External single stage alarm output
- USB
- RS232
- Ethernet
- External multi-stage alarm output
- Parallel I/O
- Multiple printer triggering from single product detector/shaft encoder
- 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**	•
IP65 environmental protection rating**	•
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 consumption	60W (typical when printing)
Power rating	200W
Weight	21kg

## Regulatory approvals

- GS • CE • EAC • UL • CAN/CSA • FCC

Key • standard ◦ option \*Independently verified – certificates available on request

www.linxglobal.com



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