

# Linx 6900 Solver



## Does your current ink jet coder consume too much solvent, increasing your running costs?

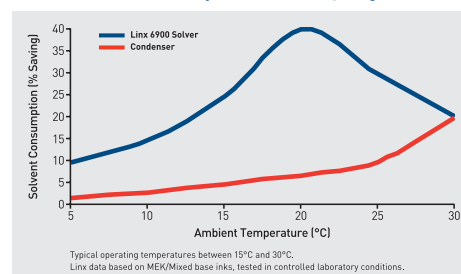
The Linx 6900 Solver is designed to reduce solvent consumption by up to 40%\*, delivering less waste and lower running costs. All Linx printers are designed to minimise total cost of ownership and maximise reliability. In addition, the Linx 6900 Solver has a purpose built ink system which intelligently adapts to the production environment, providing even more efficient solvent usage without compromising reliability.

Key advantages of the Linx 6900 Solver compared to other ink jet printers are:

- Reduced solvent consumption at low operating temperatures unlike other ink jet solvent reduction systems
- Automatic printhead cleaning, recycles solvent within the printer – minimises manual printhead cleaning and solvent waste
- Does not require a solvent cooling system unlike other solvent reduction devices – no risk of condenser or cooling fan failure
- Single pump design – reduces the risk of component failure and associated maintenance costs compared to printers with several pumps
- No need to drain or change the ink tank between scheduled filter changes unlike other printers – reduces cost and waste

- Easy to use, mess free operation – minimises coding errors and delivers clean operation
- Available with a choice of printed drop sizes – helps to reduce ink consumption whilst providing clear, readable printed codes
- Ink viscosity is controlled without the need to heat ink in the printhead – reduces solvent loss from evaporation

### Linx 6900 Solver vs Competitor Printers (using condensers)



\*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 6900 Solver uses less than 4ml of solvent per hour, at 20°C, when using MEK based (Methanol free) inks.



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## Linx 6900 Solver

### Dimensions (mm)

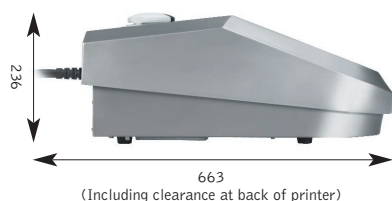
Top Elevation



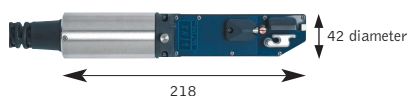
Front Elevation



Side Elevation



Printhead



### Performance

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
Proportional and high speed fonts	•	•	•	•
Standard Speed (SS) print option	•	•	•	•
High Performance (HP) print option	○	○	○	○

### General features

- Single button startup and shutdown
- Simple menu-driven WYSIWYG message creation and editing
- On-screen fluid level indicators
- Integral QWERTY keyboard (full size)
- 1/4 VGA back-lit colour display
- Auto printhead flush
- Auto power-off
- Full diagnostic package
- Multiple operator languages (user selectable)
- Printer status indicators (4 LEDs)
- 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
- LogoJet PC-based message and logo creation software
- Barcodes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A
- Data Matrix 2-D codes, including GS1 128
- 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
- Sequential messages
- Dynamic reverse and invert printing for traversing lines
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options

### Printheads

- Ultima (optimised for 1 to 3 lines of text/graphics)
- Midi (optimised for up to 5 lines of text/graphics)
- Mini
- Micro
- 90° printhead configuration
- 2m conduit
- Positive air purge to printhead
- Cutaway printhead cover tube
- Magnetic shielded cover tube

### Ink range

- Linx MEK base (dye-based) •
- Linx mixed base •

### Connections/interfacing for

- Shaft encoder •
- Primary and secondary product detectors •
- External single stage alarm output •
- RS232 •
- External multi-stage alarm output ○
- Ethernet ○
- Parallel I/O ○
- Multiple printer triggering from one master product detector and/or shaft encoder input† •
- Multiple printer triggering from primary product detector, secondary product detector and shaft encoder inputs† ○
- Volt-free contact alarm connection (e.g. for use with external mains-driven alarm) ○

### Physical characteristics

- Base and enclosure •
- IP55 environmental protection rating (EN 60529:1991/IEC60529:1989) •
- IP65 environmental protection rating (EN 60529:1991/IEC60529:1989) ○
- Mounting options •
- 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 •
- RoHS •
- FCC •

Key † requires cabling to link printers • standard ○ option

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