Linx 5900

Do you need a coder you can upgrade as your requirements change?

The Linx 5900 is designed to grow as your business requirements grow. Great for your current coding needs, it comes with optional upgrade features so you can enhance production line integration and message control as and when you need it.

Future-proof your production line

- Get 3-line coding, USB message sharing and store up to 1,000 messages as standard
- Increase your print speeds as your production requirements change
- Message control with the LinxInsight® upgrade for remote monitoring from your smartphone or PC
- Add quick and accurate code changes with a barcode scanner and Linx QuickSwitch® technology

- Improve integration across your production line by connecting and controlling several printers from your PC, using parallel I/O and Ethernet connectivity.

Keep your costs low

- Rely on predictable maintenance scheduling with service intervals of up to 6,000 hours
- With fewer parts to change during services than other printers, and less printhead maintenance, benefit from lowest-in-class annual maintenance costs
- Save time creating and editing messages with the large colour user interface, featuring prompted coding fields for fast editing, and easy message creation
- Reduce errors, downtime and the risk of using incorrect fluids with the SureFill® mistake-proof refill system.

Keep your line running

- IP55-rated with a smooth, stainless steel enclosure and no doors to open when refilling – for reliable operation even in washdown environments
- FullFlush® self-cleaning technology keeps the printhead clean and your production line moving without disruption
- Experience less downtime with an adjustment-free printhead, no exposed wires and minimal maintenance required.

Linx 5900 Solver

Save up to 40% on solvent consumption
- Lowest solvent consumption, especially at low temperatures, compared to other ink jet printers.

No solvent cooling system required
- Unlike other solvent reduction devices there is no risk of condenser, Peltier or fan failure.
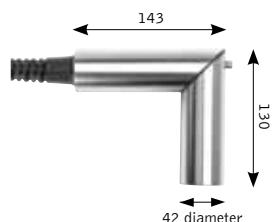
Linx 5900

Dimensions (mm)

Top Elevation

600

490

Front Elevation

240

490

Side Elevation

240

663
(Including clearance at back of printer)

Printhead

42 diameter

218

Midi SRRA Printhead

143

130

42 diameter

Print speeds and printhead options

Printhead	Mini	Ultima*	Midi*	Ultima plus	Midi plus
Nozzle size	50 μm	62 μm	62 μm	75 μm	75 μm
Lines of print supported	1 or 2	1,2 or 3	1, 2 or 3	1,2 or 3	1, 2 or 3
Character height range	1.4 to 4.6 mm	1.8 to 7.8 mm	1.8 to 8.8 mm	2.1 to 9.5 mm	2.1 to 10.7 mm
Maximum speed: single line print, wide pitch, Super High Speed (SHS) print option	6.83 m/s	6.25 m/s	6.28 m/s	7.28 m/s	2.10 m/s
Maximum number of characters per second	2667	2222	1905	2133	821
High Speed (HS) and Super High Speed (SHS) print options	○	○	○	○	
Linx 5900	○	●	○	○	○
Linx 5900 Solver (for lowest solvent consumption)	○	●	○		
Linx 5900DC (for dairy coding)	○	●	○	○	○
Linx 5900BC (for wet bottle coding)		●	○		

*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
- 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 6000 hours (dependent on ink type and environment)
- Password-protected functions
- Dynamic message and logo storage capacity (up to 1000 typical messages)
- Prompted fields
- Robust conduit for static and moving printhead applications

Programming and printing facilities

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo import as bitmap using USB port
- ○ QuickSwitch® message selection and editing using bar code scanner
- Bold factor (up to 10 times)
- Height, width and delay functions for easy code sizing and positioning
- Shift coding
- Remote communications interface
- Real-time clock functions
- Automatic date forward function
- Batch coding and counting
- Sequential numbering and messages
- ○ Dynamic reverse and invert printing for traversing lines (5900DC only)
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options
- ○ LogoJet PC-based message and logo creation software
- 5900BC - bottle coder

Printhead options

- 2m conduit
- 4m conduit (not available with 5900 Solver)
- ○ 90° printhead configuration
- ○ Positive air purge to printhead
- ○ Cutaway printhead cover tube
- ○ Magnetic shielded cover tube
- ○ Midi Short Reach Right Angled (SRRA) printhead (not available on 5900BC), length 130mm

Ink range

	Linx 5900	Linx 5900 Solver	Linx 5900BC	Linx 5900DC
Linx MEK base (dye-based)	●	●	● (1058)	●
Linx mixed base (MEK-free)	●	●		●
Linx ethanol base (MEK-free)	●			●
Linx MEK soft pigmented	●			●

Connections/interfacing 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**	●
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
- NRTL
- FCC

Key   ● standard   ○ option   **Independently verified – certificates available on request

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