# Linx 7900

#### Reduce code errors and increase your productivity, with a range of automatic setup features.

The Linx 7900 range of printers offer advanced additional features as standard, providing value for money with no hidden costs.

#### Quick and simple code setup

- QuickSwitch<sup>®</sup> Plus software allows simple and accurate code changes using a barcode scanner
- PrintSync<sup>®</sup> automatic print format selection – assigns the best message type for optimum print quality
- Linx Insight<sup>®</sup> enables remote monitoring from a smart phone, plus message download and control from a PC
- Print History log records which messages have been printed and when, plus frequency.



#### Lowest running costs

- Intelligent ink system enables up to 9000 hours<sup>\*</sup> between scheduled service intervals
- 18 month warranty<sup>\*</sup> on printer from installation at no extra cost
- Mistake-free message editing is provided by customisable on-screen prompts, to reduce coding errors.

#### Increased production uptime

- FullFlush<sup>®</sup> system automatically cleans and dries the printhead and conduit at every shutdown
- SureFill<sup>®</sup> enables fast, mistake-free refills, everytime.

#### Additional standard features

- Ethernet port for easy connectivity to the web or factory systems
- Prints up to 3 lines of text, logos, barcodes and 2D Data Matrix codes, with 5 line upgrade available



- RS232 connectivity for line integration
- Connectivity for two product detectors and shaft encoder, for easy installation with conveyors and other equipment
- Low fluid consumption with a range of versatile inks, to reduce running costs and emissions.

#### **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.

\*Excludes Spectrum/FG variants



### Linx 7900

#### Dimensions (mm)

#### Top Elevation



Front Elevation



Side Elevation



(Including clearance at back of printer)





| Print speeds and printhead options<br>Printhead  | Micro   | Mini               | Ultima*   | Midi*   | Midi EC   | Ultima plus   | Midi plus        |
|--|---|--------------------|---|---|---|---|------------------|
| ines of print supported  | 1,2,3 or 4  | 1 or 2             | 1,2 or 3  | 1,2,3,4 or 5  | 1, 2 or 3   | 1,2 or 3  | 1,2,3,4 or 5     |
| Character height range   | 1.1 to 8.0 mm   | 1.4 to 6.7 m       |   |   | 1.8 to 10.5 mm  | 2.1 to 9.5 mm   | 2.1 to 13.8 m    |
| Aaximum speed: single line print, wide   | 8.41 m/s  | 6.83 m/s           |   | 6.28 m/s  | 6.28 m/s  | 7.28 m/s  | 2.10 m/s         |
| itch, High Performance print option  |   |                    |   |   |   |   |                  |
| laximum number of characters per second  | 2222  | 2667               | 2222  | 1905  | 1905  | 2133  | 821              |
| ligh Performance (HP) print option   | 0   | 0                  | 0   | 0   | 0   | ٥   |                  |
| .inx 7900  | 0   | 0                  | •   | 0   |   | ٥   | 0                |
| inx 7900 Spectrum (for pigmented inks)   |   |                    |   |   |   | •   | 0                |
| inx 7900 Solver (for lowest solvent consumption)   | 0   | 0                  | •   | 0   |   |   |                  |
| inx 7900 Swift (for high speed lines)  |   | •                  |   |   |   |   |                  |
| inx 7900FG (for Food Grade inks)   |   |                    |   |   | •   |   |                  |
| inx 7900BC (for wet bottle coding)   |   |                    | •   | ٥   |   |   |                  |
| For certain inks, Ultima A and Midi A printheads replace Ul  | tima and Midi prin  | theads, to p       | provide reliable perf   | ormance. Print speed  | ls are unchanged.   |   |                  |
| Single button startup and shutdown<br>Simple menu-driven WYSIWYG message creation<br>SureFill® mistake-proof refill system and on-screen<br>Integral QWERTY keyboard (full size) and 1/4 VC<br>colour display, printer status indicators (4 LEDs)<br>USB port for copy and back up of message and<br>FullFlush® automatic printhead and conduit flush<br>Saving remote field data over a power cycle<br>Linx Insight® remote printer control and status vi<br>Auto power-off<br><b>Programming and printing facilities</b><br>Fixed and variable text<br>Upper and lower case characters<br>Graphics/logo printing<br>Logo creation and editing, on-screen<br>QuickSwitch® message selection and editing usi<br>Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39<br>UPC-A, GS1 128 linear barcode<br>Data Matrix 2D codes<br>Bold factor (up to 10 times)<br>Height, width and delay functions for easy code s<br>Standard and user-definable formats for shift coo<br>7900FG: Egg coder configuration matches servi<br>life, and provides reliable operation in barn envir   | fluid level indic<br>SA back-lit<br>printer settings<br>ew<br>ng bar code sc<br>, Code 128,<br>izing and positi<br>ding<br>ce interval to flu | anner              | Multiple c<br>Dynamic<br>(not avail<br>Password<br>Dynamic<br>Promptee<br>QuickSwi<br>PrintSync<br>PrintSync<br>Real-time<br>Automatii<br>Batch coo<br>Sequentii<br>Dynamic<br>Rotated o<br>Message<br>Timed-mu<br>Flexible p<br>LogoJet<br>7900 Swi  | tch Plus automat<br>print format sele   | ice interval up to<br>m, FG)<br>ons<br>o storage capac<br>ed code setup si<br>ction software<br>interface<br>metion<br>messages<br>t printing for trav<br>printing<br>si<br>ge and logo creat<br>r coding onto sin  | 9000 hours<br>ity<br>oftware<br>versing lines<br>ation software<br>nall print areas                               |                  |
| 7900 Spectrum: Inverse Image barcodes and tex  | t e.g. white on   | black              |   |   |   |   |                  |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration   |   | black              | Magnetic<br>Midi Shor   | printhead cover t<br>shielded cover tu<br>t Reach Right Ang<br>Solver), length 13   | ube<br>ube<br>gled (SRRA) print   |   |                  |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead  | rs)   |                    | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13  | ube<br>ibe<br>jled (SRRA) print<br>30mm   | thead   | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range  |   |                    | Magnetic<br>Midi Shor   | shielded cover tu<br>t Reach Right Ang  | ube<br>ube<br>gled (SRRA) print   | thead<br>Linx 7900BC  | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)   | rs)   | 7900 Linx          | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13  | ube<br>ibe<br>jled (SRRA) print<br>30mm   | thead   | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base   | rs)<br>Linx   | 7900 Linx          | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13  | ube<br>ube<br>gled (SRRA) print<br>30mm<br>Linx 7900 Swift  | thead<br>Linx 7900BC  | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base   | rs)<br>Linx   | 7900 Linx<br>• (so | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver  | ube<br>ube<br>gled (SRRA) print<br>30mm<br>Linx 7900 Swift  | thead<br>Linx 7900BC  | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx MEK base High Opacity pigmented inks   | rs)<br>Linx   | 7900 Linx<br>• (so | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver  | ube<br>ube<br>gled (SRRA) print<br>30mm<br>Linx 7900 Swift  | thead<br>Linx 7900BC  | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base   | rs)<br>Linx   | 7900 Linx<br>• (so | Magnetic<br>Midi Shor<br>(for 7900)   | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver  | ube<br>ube<br>gled (SRRA) print<br>30mm<br>Linx 7900 Swift  | thead<br>Linx 7900BC  | Linx 7900F       |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(7900 Spectrum</li> <li>oft pig*mented)</li> <li>•</li> <li>•</li></ul>    | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•  | ube<br>ibe<br>gled (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,* 1405)<br>output<br>rom single produ   | lhead<br>Linx 7900BC<br>(1058)  |                  |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx ethanol base<br>inx EX base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characterisftics   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(7900 Spectrum</li> <li>oft pig*mented)</li> <li>•</li> <li>•</li></ul>    | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>Jbe<br>Jed (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,* 1405)<br>output<br>rom single produced<br>nnection<br>mains-driven ala   | lhead<br>Linx 7900BC<br>(1058)  |                  |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characteristics<br>Base and enclosure   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(7900 Spectrum</li> <li>oft pig*mented)</li> <li>•</li> <li>•</li></ul>    | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>Jbe<br>Jed (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ-<br>nection<br>mains-driven ala<br>Stainless steel  | lhead<br>Linx 7900BC<br>(1058)<br>uct   |                  |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx thanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characteristics<br>Jase and enclosure<br>P55 environmental protection rating"  | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>jled (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ<br>nnection<br>mains-driven ala<br>Stainless steel<br>ilable with 7900  | thead<br>Linx 7900BC<br>(1058)<br>Juct<br>Irm)<br>Spectrum)   | •                |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx thanol base<br>inx thanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characterisfics<br>Base and enclosure<br>P55 environmental protection rating"   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>jed (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ-<br>mection<br>mains-driven ala<br>Stainless steel<br>liable with 7900<br>ctrum, not availa  | thead<br>Linx 7900BC<br>(1058)<br>Juct<br>arm)<br>Spectrum)<br>ble with 7900Fd                                    | •                |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx tethanol base<br>inx tethanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characteristics<br>base and enclosure<br>P55 environmental protection rating"<br>P65 environmental protection rating"<br>Automatical Solutions  | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>be<br>led (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,* 1405)<br>output<br>rom single produ-<br>mection<br>mains-driven ala<br>Stainless steel<br>ilable with 7900<br>ctrum, not availa<br>Bench or consol  | Ihead<br>Linx 7900BC<br>(1058)<br>Joct<br>Irm)<br>Spectrum)<br>ble with 7900F0<br>e                               | •                |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx ethanol base<br>inx EX base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characterisfics<br>Base and enclosure<br>P55 environmental protection rating"<br>P65 environmental protection rating"<br>P65 environmental protection rating"<br>P65 environmental protection rating"  | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>Jbe<br>Jed (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ-<br>mains-driven ala<br>Stainless steel<br>ilable with 7900<br>ctrum, not availal<br>Bench or consol<br>45°C (FG: 0 – 4   | Ihead<br>Linx 7900BC<br>(1058)<br>Joct<br>Irm)<br>Spectrum)<br>ble with 7900F0<br>e                               | •                |
| Printhead options<br>2m conduit<br>4m conduit (not available with Solver or FG printe<br>90° printhead configuration<br>Positive air purge to printhead<br>nk range<br>inx MEK base (dye-based/soft pigmented)<br>inx mixed base<br>inx ethanol base<br>inx MEK base High Opacity pigmented inks<br>inx Food Grade inks<br>Connections/interfacing for<br>Shaft encoder<br>Primary and secondary product detectors<br>External single stage alarm output<br>USB<br>RS232<br>Ethernet<br>Physical characteristics<br>Base and enclosure<br>P55 environmental protection rating"<br>P65 environmental protection p | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>ube<br>ube<br>ube<br>led (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ-<br>mection<br>mains-driven ala<br>Stainless steel<br>liable with 7900<br>ctrum, not availa<br>Bench or consol<br>45°C (FG: 0 – 4<br>90% max                                | thead<br>Linx 7900BC<br>(1058)<br>Juct<br>spectrum)<br>ble with 7900F0<br>e<br>0°C)                               | •                |
| Printhead options 2m conduit 4m conduit (not available with Solver or FG printe 90° printhead configuration Positive air purge to printhead nk range inx MEK base (dye-based/soft pigmented) inx mixed base inx MEK base High Opacity pigmented inks inx Food Grade inks Connections/interfacing for Shaft encoder Primary and secondary product detectors External single stage alarm output USB RS232 Ethernet Physical characteristics base and enclosure P55 environmental protection rating" P65 environmental protection pr   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>jled (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ<br>mection<br>mains-driven ala<br>Stainless steel<br>ilable with 7900<br>ctrum, not availal<br>Bench or consol<br>45°C (FG: 0 – 4<br>90% max<br>00-230V, 50/60ł                           | thead<br>Linx 7900BC<br>(1058)<br>Just<br>uct<br>urm)<br>Spectrum)<br>ble with 7900Fe<br>e<br>0°C)<br>Hz          | •<br>G printers) |
| Printhead options 2m conduit 4m conduit (not available with Solver or FG printe 90° printhead configuration Positive air purge to printhead nk range inx MEK base (dye-based/soft pigmented) inx mixed base inx ethanol base inx ethanol base inx MEK base High Opacity pigmented inks inx Food Grade inks Connections/interfacing for Shaft encoder Primary and secondary product detectors External single stage alarm output USB RS232 Ethernet Physical characteristics Base and enclosure P55 environmental protection rating" P65 environmental protection rating" P65 environmental protection rating" Power supply Power consumption   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>be<br>led (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ-<br>mection<br>mains-driven ala<br>Stainless steel<br>liable with 7900<br>ctrum, not availa<br>Bench or consol<br>45°C (FG: 0 – 4<br>90% max<br>00-230V, 50/600<br>printing, excludi | thead<br>Linx 7900BC<br>(1058)<br>Just<br>uct<br>urm)<br>Spectrum)<br>ble with 7900Fe<br>e<br>0°C)<br>Hz          | •<br>G printers) |
| Printhead options 2m conduit 4m conduit (not available with Solver or FG printe 90° printhead configuration Positive air purge to printhead nk range inx MEK base (dye-based/soft pigmented) inx mixed base inx MEK base High Opacity pigmented inks inx Food Grade inks Connections/interfacing for Shaft encoder Primary and secondary product detectors External single stage alarm output USB RS232 Ethernet Physical characteristics base and enclosure P55 environmental protection rating" P65 environmental protection pr   | rs)<br>Linx   | 7900 Linx<br>• (so | <ul> <li>Magnetic</li> <li>Midi Shor</li> <li>Midi Shor</li> <li>(for 7900,</li> <li>(for 7900 Spectrum</li> <li>oft pigmented)</li> <li>•</li> <li>•</li></ul> | shielded cover tu<br>t Reach Right Ang<br>Solver), length 13<br>Linx 7900 Solver<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | ube<br>be<br>jled (SRRA) print<br>30mm<br>Linx 7900 Swift<br>(1240,*1405)<br>output<br>rom single produ<br>mection<br>mains-driven ala<br>Stainless steel<br>ilable with 7900<br>ctrum, not availal<br>Bench or consol<br>45°C (FG: 0 – 4<br>90% max<br>00-230V, 50/60ł                           | thead<br>Linx 7900BC<br>(1058)<br>Jot<br>arm)<br>Spectrum)<br>ble with 7900F(<br>e<br>0°C)<br>Hz<br>ng FG and Spe | •<br>G printers) |

Regulatory approvals

•GS •CE •EAC •UL •CAN/CSA •FCC

Key  $\$  standard  $\$  option  $\$  Independently verified – certificates available on request

## www.linxglobal.com





For more information, contact Linx Printing Technologies Ltd, Linx House, 8 Stocks Bridge Way, Compass Point Business Park, St Ives, Cambridgeshire PE27 5JL, UK. Telephone +44 (0)1480 302100 email sales@linxglobal.com www.linxglobal.com

HINKING ALONG YOUR LINES

Linx, SureFill, QuickSwitch, FullFlush, Linx Insight, PrintSync and Logojet are registered trademarks of Linx Printing Technologies Ltd. © Linx Printing Technologies Ltd 2020.

Т

## 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<sup>®</sup> system automatically cleans and dries the printhead and conduit at every shutdown
- SureFill<sup>®</sup> enables fast, mistake-free refills, every time.

#### Quick and simple code setup

- QuickSwitch<sup>®</sup> Plus software allows simple and accurate code changes using a bar code scanner
- PrintSync<sup>®</sup> automatic print format selection

   assigns the best message type for optimum print quality
- Linx Insight<sup>®</sup> 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  $20^{\circ}$ C when using MEK based (Methanol free) inks, and the Ultima and Midi printheads.



## LINX THINKING ALONG YOUR LINES

### Linx 7900 Solver

#### Dimensions (mm)

#### Top Elevation

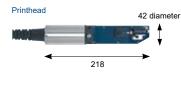


Front Elevation

240

Side Elevation







| 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<br>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   | •   | ō                        | ۰                     | ۰                |  |
| For certain inks, Ultima A and Midi A printheads replace Ultima and            | Midi printheads,  | to provide reliable per  | formance. Print spee  | ds are unchanged |  |
| General features   |   |                          |                       |                  |  |
| Single button startup and shutdown   | . Auto  | matic diagnostics        |                       |                  |  |
| Simple menu-driven WYSIWYG message creation and editing                        | <ul> <li>Multiple operator languages (user selectable)</li> </ul> |                          |                       |                  |  |
| SureFill mistake proof refill system and on-screen fluid level indicators      |   |                          |                       |                  |  |
| Integral QWERTY keyboard (full size) and 1/4 VGA back-lit                      | . Pass  | word-protected functi    | ons                   |                  |  |
| colour display, printer status indicators (4 LEDs)                             | • Dyna  | amic message and log     | o storage capacity    |                  |  |
| USB port for copy and back up of message and printer settings                  | . Pror  | npted fields             |                       |                  |  |
| FullFlush automatic printhead and conduit flush                                | . Quic  | kSwitch Plus automat     | ed code setup softwa  | ire              |  |
| Saving remote field data over a power cycle                                    | • Print   | Sync print format sele   | ection software       |                  |  |
| Linx Insight remote printer control and status view                            |   | History log              |                       |                  |  |
| Auto power-off   |   |                          |                       |                  |  |
| Programming and printing facilities  |   |                          |                       |                  |  |
| Fixed and variable text  |   | ote communications i     | nterface              |                  |  |
| Upper and lower case characters  |   | -time clock functions    |                       |                  |  |
| Graphics/logo printing   |   | matic date forward fu    |                       |                  |  |
| Logo creation and editing, on-screen   |   | h coding and counting    |                       |                  |  |
| . QuickSwitch message selection and editing using barcode scanner              |   | uential numbering and    | •                     |                  |  |
| Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128,                       |   | amic reverse and inve    |                       | ng lines         |  |
| UPC-A, GS1 128 linear bar code   |   | ted character ('tower'   | -                     |                  |  |
| Data Matrix 2D codes   |   | sage creation/editing    | whilst printing       |                  |  |
| Bold factor (up to 10 times)   |   | ed-message function      |                       |                  |  |
| . Height, width and delay functions for easy code sizing and positionin        | -   | ble print trigger optior |                       |                  |  |
| . Standard and user-definable formats for shift coding                         | 。 Log   | oJet PC-based messa      | ige and logo creation | software         |  |
| Printhead options  |   |                          |                       |                  |  |
| 2m conduit   | 。Posi   | tive air purge to printh | lead                  |                  |  |
| 。90° printhead configuration   |   | way printhead cover      |                       |                  |  |
| 。Midi Short Reach Right Angled (SRRA) printhead, length 130mm                  | 。Mag  | netic shielded cover t   | ube                   |                  |  |
| Ink range  |   |                          |                       |                  |  |
| Linx MEK base (dye-based/ soft pigmented)                                      |   |                          |                       |                  |  |
| Linx mixed base  |   |                          |                       |                  |  |
| Connections/interfacing for  |   |                          |                       |                  |  |
| Shaft encoder  | 。Exte   | rnal multi-stage alarm   | output                |                  |  |
| <ul> <li>Primary and secondary product detectors</li> </ul>                    |   | illel I/O                |                       |                  |  |
| External single stage alarm output   |   | iple printer triggering  | rom single product    |                  |  |
| USB  |   | ctor/shaft encoder       | -                     |                  |  |
| . RS232  | 。Volt-  | free contact alarm co    | nnection              |                  |  |
| . Ethernet   | (e.g.   | for use with external    | mains-driven alarm)   |                  |  |
| Physical characteristics   |   |                          |                       |                  |  |
| Base and enclosure   |   |                          | Stainless steel       |                  |  |
| IP55 environmental protection rating"  |   |                          | •                     |                  |  |
| IP65 environmental protection rating"  |   |                          | 0                     |                  |  |
| Mounting options   |   |                          | Bench or console      |                  |  |
| Operating temperature range  |   |                          | 5 – 45°C              |                  |  |
| Humidity range (r.h., non-condensing)  |   |                          | 90% max               |                  |  |
| Power supply   |   | 1                        | 00-230V, 50/60Hz      |                  |  |
| Power consumption  |   | 60W                      | (typical when printin | g)               |  |
| Power rating   |   |                          | 200W                  |                  |  |
| Weight   |   |                          | 21kg                  |                  |  |

•GS •CE •EAC •UL •CAN/CSA •FCC

Key  $\$  standard  $\$  option  $\$  -Independently verified – certificates available on request

THINKING ALONG YOUR LINES

### www.linxglobal.com





For more information, contact Linx Printing Technologies Ltd, Linx House, 8 Stocks Bridge Way, Compass Point Business Park, St Ives, Cambridgeshire PE27 5JL, UK. Telephone +44 (0)1480 302100 email sales@linxglobal.com www.linxglobal.com

# Linx 7900 Spectrum

**Pigmented ink printer** 

#### Do you require a high-contrast pigmented ink printer to reliably code onto dark substrates?

The Linx 7900 Spectrum provides reliable printing, while delivering consistent high contrast coding with pigmented inks, onto surfaces such as plastic cabling, rubber tubing and coloured glass.

#### Increased production uptime

- Automatic ink mixing, without the need for operator intervention – delivers consistent code quality
- The unique FullFlush<sup>®</sup> system automatically cleans and dries the printhead and conduit at every shutdown, minimising manual cleaning
- The new SureFill<sup>®</sup> system offers fast, mistake-proof refills

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

#### Lowest running costs

- No need to leave the printer switched on, and no need to drain before extended shutdowns – saves cost and time
- · No ink tank changes between services
- Low solvent consumption, with no need for mechanical ink stirrers or expensive factory air.

#### Quick and simple code setup

- QuickSwitch<sup>®</sup> Plus software allows fast and easy code changes using a barcode scanner
- PrintSync<sup>®</sup> automatic print format selection

   assigns the best message type for optimum print quality
- Linx Insight<sup>®</sup> enables remote monitoring from a smart phone, plus message download and control from a PC.

#### Additional standard features

- Prints up to 3 lines of text, logos, barcodes and 2D Data Matrix codes, with 5 line upgrade available
- Wide range of print speeds to maximise productivity.

#### 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.







## LINX THINKING ALONG YOUR LINES

## Linx 7900 Spectrum

#### Dimensions (mm)

#### Top Elevation



Front Elevation



Side Elevation





| Printhead   | Ultima plus   | Midi plus      |  |  |
|---|---|----------------|--|--|
| Lines of print supported  | 1,2 or 3  | 1,2,3,4 or 5   |  |  |
| Character height range  | 2.1 to 9.5 mm   | 2.1 to 13.8 mm |  |  |
| Maximum speed: single line print, wide                                    | 7.28 m/s  | 2.10 m/s       |  |  |
| pitch, High Performance print option                                      |   |                |  |  |
| Maximum number of characters per second                                   | 2133  | 821            |  |  |
| High Performance (HP) print option  | ۰   |                |  |  |
| General features  |   |                |  |  |
| Single button startup and shutdown  | . Auto power-off  |                |  |  |
| Simple menu-driven WYSIWYG message creation and editing                   | . Automatic diagnostics   |                |  |  |
| SureFill mistake-proof refill system and on-screen fluid level indicators | . Multiple operator languages (user selectable)   |                |  |  |
| , Integral QWERTY keyboard (full size) and 1/4 VGA back-lit               | Password-protected functions  |                |  |  |
| colour display, printer status indicators (4 LEDs)                        | Dynamic message and logo storage capacity   |                |  |  |
| , USB port for copy and back up of message and printer settings           | . Prompted fields   |                |  |  |
| FullFlush automatic printhead and conduit flush                           | . QuickSwitch Plus automated code s   | etup software  |  |  |
| Saving remote field data over a power cycle                               | PrintSync print format selection software   |                |  |  |
| Linx Insight remote printer control and status view                       | Print History log   |                |  |  |
| Programming and printing facilities                                       |   |                |  |  |
| Fixed and variable text   | . Remote communications interface   |                |  |  |
| Upper and lower case characters   | Real-time clock functions   |                |  |  |
| , Graphics/logo printing  | Automatic date forward function   |                |  |  |
| Logo creation and editing, on-screen                                      | Batch coding and counting   |                |  |  |
| QuickSwitch message selection and editing using barcode scanner           | Sequential numbering and messages   |                |  |  |
| Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128,                  | Dynamic reverse and invert printing for traversing lines  |                |  |  |
| UPC-A, GS1 128 linear bar code  | Dynamic reverse and invert printing for traversing lines     Rotated character ('tower') printing               |                |  |  |
| , Data Matrix 2D codes  | Message creation/editing whilst printing  |                |  |  |
| Bold factor (up to 10 times)  | . Timed-message function  |                |  |  |
| Height, width and delay functions for easy code sizing and positioning    | Flexible print trigger options  |                |  |  |
| Standard and user-definable formats for shift coding                      | <ul> <li>Plexible print trigger options</li> <li>LogoJet PC-based message and logo creation software</li> </ul> |                |  |  |
| Inverse Image barcodes and text e.g. white on black                       | <ul> <li>Programmable pre-set ink mix times</li> </ul>  |                |  |  |
| Printhead options   | 5 FF  |                |  |  |
| , 2m conduit  | Positive air nurge to printheed   |                |  |  |
| , 2m conduit  | <ul> <li>Positive air purge to printhead</li> <li>Cutaway printhead cover tube</li> </ul>                       |                |  |  |
|   | 。Cutaway printhead cover tube   |                |  |  |
| 。90° printhead configuration  | 。Magnetic shielded cover tube   |                |  |  |
| Ink range   |   |                |  |  |
| Linx MEK base soft pigmented inks   | •   |                |  |  |
| Linx MEK base High Opacity pigmented inks                                 | •   |                |  |  |
| Connections/interfacing for   |   |                |  |  |
| , Shaft encoder   | 。External multi-stage alarm output  |                |  |  |
| Primary and secondary product detectors                                   | 。Parallel I/O   |                |  |  |
| External single stage alarm output  | $_{\circ}$ Multiple printer triggering from single product  |                |  |  |
| , USB   | detector/shaft encoder  |                |  |  |
| RS232   | 。Volt-free contact alarm connection   |                |  |  |
| Ethernet  | (e.g. for use with external mains-driven alarm)   |                |  |  |
| Physical characteristics  |   |                |  |  |
| Base and enclosure  | Stainle   | ss steel       |  |  |
| IP65 environmental protection rating"                                     |   | •              |  |  |
| Mounting options  | Bench o   | r console      |  |  |
| Operating temperature range   | 5 – 45°C  |                |  |  |
| Humidity range (r.h., non-condensing)                                     |   | max            |  |  |
| Power supply  |   | /, 50/60Hz     |  |  |
|   | 200W  |                |  |  |
| Power rating  | 20  | OW             |  |  |

•GS •CE •EAC •UL •CAN/CSA •FCC

Key  $\$  standard  $\$   $_{\circ}$  option  $\$  "Independently verified – certificates available on request

## www.linxglobal.com



MP42143/03



## THINKING ALONG YOUR LINES

For more information, contact Linx Printing Technologies Ltd, Linx House, 8 Stocks Bridge Way, Compass Point Business Park, St Ives, Cambridgeshire PE27 5JL, UK. Telephone +44 (0)1480 302100 email sales@linxglobal.com www.linxglobal.com

Linx, SureFill, QuickSwitch, FullFlush, Linx Insight, PrintSync and Logojet are registered trademarks of Linx Printing Technologies Ltd. © Linx Printing Technologies Ltd 2020.