Linx 5900BC

Does your bottling line suffer from regular downtime or poor quality coding? In a fast-paced and competitive industry you need a wet bottle coding solution that doesn't let you down.

The Linx 5900BC is a total ink jet coding solution for bottling plants. Its comprehensive range of features ensures your bottles are coded exactly as you want them to be, using inks that stay put – even in the most challenging production environments.

Best for Bottling

- Ideal for glass, PET and PLA, Linx Black bottling ink 1058 penetrates condensation and provides excellent print quality right up to the point it is removed in caustic bottle washers

- The unique, integrated printhead and air knife system ensures that the print area is kept dry prior to printing. Code quality remains consistent throughout, even during production changeovers and daily line adjustments

- Reliable operation in washdown environments – IP55 rated with a smooth, stainless steel enclosure and no doors to open when refilling.

Keep your line running, and your costs low

- FullFlush® self-cleaning technology keeps the printhead clean and your production line moving without disruption, even in humid or cold production environments

- Less downtime – with an adjustment-free printhead, no exposed wires and minimal maintenance required

- Quick message creation and editing – with the large colour user interface featuring prompted coding fields

- Low annual maintenance costs – with fewer parts to change during services than other printers.

Future-proof your production line

- Three-line coding, USB message sharing and store up to 1000 messages as standard

- Increase your print speeds as your production requirements change

- Add message control with the Linx Insight® 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.

THINKING ALONG YOUR LINES

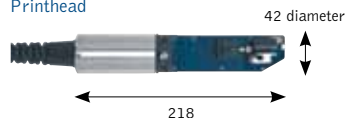# Linx 5900BC

Dimensions (mm)

Top Elevation

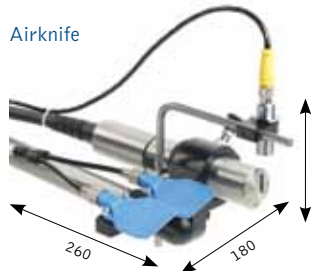600

490

Front Elevation

240

490

Side Elevation

240

663
(Including clearance at back of printer)

Printhead

42 diameter

218

Airknife

160

260   180

*Including clearance

Print speeds and printhead options

Printhead	Ultima A	Midi A
Nozzle size	62 µm	62 µm
Lines of print supported	1, 2 or 3	1, 2 or 3
Character height range (using 5 to 25 high fonts)	1.8 to 7.8 mm	1.8 to 8.8 mm
Maximum speed: single line print, wide pitch	6.25 m/s	6.28 m/s
Maximum number of characters per second	2222	1905
Super High Speed (SHS) print formats	●	●

Ink range
● Linx Black bottling ink 1058, MEK base, combipack supplied

Airknife
● Airknife mounts direct to Linx gantry accessory range or conveyor
● Ensures repeatable drying and fast product changes
● Requires compressed factory air regulated to 4 bar (58 p.s.i) on an 8 mm tube

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
● Automatic diagnostics
● Multiple operator languages (user selectable)
● Password-protected functions
● Dynamic message and logo storage capacity (up to 1000 typical messages)
● Prompted fields
● Robust conduit for static and moving printhead applications
● Auto power-off

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
● 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
● Ultima A (62µm)
○ Midi A (62µm)
● 2m conduit
○ 4m conduit
○ Positive air purge to printhead (improves performance in humid or dusty environments)
○ Cutaway printhead cover tube
○ Magnetic shielded cover tube

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

Accessories
● Linx printhead washstation, FA62068
● Linx stacker trolley with gantry

Regulatory approvals
● GS
● CE
● EAC
● NRTL
● FCC

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

www.linxglobal.com

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