

Linx 4900BC

Complete wet bottle coding solution



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

The Linx 4900BC is a total ink jet coding solution for the bottling industry. This package ensures that your bottles are coded exactly where you want them, using inks that stay put, delivered by the most reliable ink jet printer for challenging environments.

The stickiest ink for your bottles

Linx Black bottling ink 1058 penetrates condensation and provides good print quality and permanence right up to the point of its removal in caustic bottle washers. Ideal for glass, PET and PLA.

Most consistent printing with special purpose air knife

Condensation forming on cold fill bottles usually presents a challenge for coders. The Linx 4900BC coding solution includes a unique integrated printhead and air knife system to ensure that the print area on the bottle is dried prior to printing. This controlled process ensures that printing always occurs on the dried area.

Code quality is consistent, even between production changeovers and daily line adjustments.

Linx 4900BC – the toughest printer in the market

The Linx 4900BC ink jet printer is the most reliable ink jet printer available. It has a fully sealed printhead system with autoflush routines to eliminate blockages on equipment shutdown and give trouble-free startups.

To support continuous running, Linx printers can also be filled cleanly without stopping or opening the printer.



LINX

THINKING ALONG YOUR LINES

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Dimensions (mm)

Top Elevation



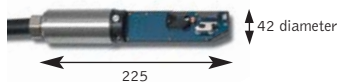
Front Elevation



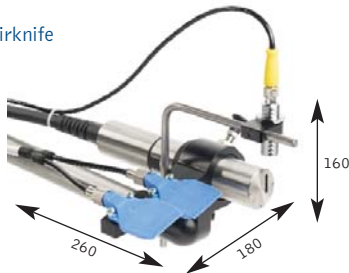
Side Elevation



Printhead



Airknife



*Including clearance

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Performance

Lines of print supported	1 or 2
Character height range	2.1 to 7.7mm
Maximum speed: single line print, wide pitch	6.25 m/s
Maximum number of characters per second	2222
Maximum message length (number of characters)	682

Ink range

Linx Black bottling ink 1058, MEK base, combipack supplied FA91058/C	•
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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
- Menu-driven message creation and editing
- Integral QWERTY keypad (full size)
- WYSIWYG message display
- High brightness back-lit LCD display with adjustable contrast (black on white, 256x64 pixels)
- Mistake proof mess free ink and solvent refilling
- Auto printhead and conduit flush
- Auto power off
- Choice of operator languages (26)
- Printer status indicators (4 LEDs)
- Full on-screen diagnostics
- Password protected functions

Programming and printing facilities

- Fixed and variable text
- Upper-case and lower-case characters
- Bold factor up to 9 times
- Character height, width and delay functions
- Automatic formats for shift coding, dates and times
- Flexible date and time format options
- Real-time clock functions
- Automatic date forward function
- Graphics/logo printing
- No. of message types: up to 9
- Batch coding and counting
- Sequential numbering
- Reverse printing
- Timed-message function
- LogoJet PC-based message and logo creation software

Memory capacity

Message storage capacity (number of messages)	Up to 50
Logo storage capacity on PROM (number of logos)	Up to 100

Printhead options

- Ultima A (62µm)
 - 90° printhead configuration
 - 2m conduit
 - 4m conduit
- Positive air purge to printhead
- Cutaway printhead cover tube
- Magnetic shielded cover tube

Connections/interfacing for

Shaft encoder	•
Product detector	•
External single stage alarm output	•
RS232	•
External Parallel Input/Output module	◦
Volt-free contact alarm connection	◦
LogoJet software	◦

Printer characteristics

Stainless steel base and cover	•
Environmental protection rating (EN60529:1991 / IEC60529:1989)	IP55
Mounting options	Bench or console
Operating temperature range	5 – 45°C
Humidity range (relative humidity, non-condensing)	10 – 90%
Power supply	100 – 230V 50/60Hz
Power rating	200W
Weight	20kg

Accessories

Linx printhead washstation, FA62068	•
Linx stacker trolley with gantry	•

Regulatory approvals

TÜV/GS	•
CE mark	•
FCC	•

Key • standard ◦ option



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