

Linx 9900 Series



9900 | 9910 | 9920 | 9940 | 9940 Spectrum

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 CODING · LABELING · INSPECTION



Making printing one less thing to worry about

Putting you first since 1987

From the very beginning, Linx has been built around you. Since 1987, we've earned a reputation for delivering reliable coding and marking solutions by listening to our customers and understanding their needs.

Every step of our journey has been shaped by your feedback, your challenges, and your expectations —because putting you first is not just what we do, it's who we are.

Built on trust, evolved for you

Linx has long been recognised for producing reliable, easy-to-use CIJ printers that our customers trust.

This product is the next evolution—developed directly from customer feedback and designed to solve the challenges you face every day. It retains everything you love about Linx: dependable performance, intuitive operation, and proven quality.

Now enhanced with features to maximise uptime and simplify coding—making printing one less thing to worry about.



Discover the
Linx 9900
Series



Linx 9900 Series
continuous ink jet printer

Linx Iris®
vision system

Linx SureClean®
printhead wash
station

The Linx 9900 Series



Linx 9900
Reliable everyday coder



Linx 9910
Flexible coder for higher
throughput



Linx 9920
Increased print capability
with less maintenance



Linx 9940
Fast coding in demanding
applications



Linx 9940 Spectrum
High contrast coding on
dark products

Production managers have enough worries.



Linx has created the **9000 Series** so printing is not one of your worries.

No more worries

about lost production time

The Linx 9000 Series eliminates unplanned downtime with automatic printhead cleaning and backup battery power.



No more worries

about slow changeovers

The Linx 9000 Series maximises your changeover efficiency with fast line changes on battery power and easy connectivity options.



No more worries

about rework, rejects or fines

The Linx 9000 Series ensures every code is present and correct with a simple vision system and intuitive interface.



No more worries

about operating costs

The Linx 9000 Series reduces running costs on ink, solvent and printer maintenance.



Making printing one less thing to worry about

Automatic printhead cleaning to **eliminate downtime**

- 1** Insert the printhead and select the wash cycle
- 2** SureClean cleans the printhead with 11 precisely positioned jets
- 3** SureClean dries the printhead to prevent faults



Eliminate unscheduled downtime

Linx SureClean® wash station

11 precisely positioned jets clean critical printhead components and a built-in fan dries it, all in less than 5 minutes. Proactive cleaning with SureClean prevents unplanned stoppages caused by ink build-up by cleaning the printhead thoroughly and consistently.



Improve operator safety

Remove manual cleaning

Unlike manual cleaning, Linx SureClean's enclosed unit eliminates operator contact with cleaning fluid, ensuring safe and simple use. It also uses the precise amount of fluid required, reducing waste compared to manual methods.



Before



After

Clean multiple printers

Portable device

Easily move the SureClean wash station on its compact, wheeled stand to clean multiple printers. Lightweight and portable, it offers both mains and battery power options for flexible use.



Reliable printhead by design



No printhead damage

The most robust printhead

Sealed critical components protect against liquids and harsh environments, with a robust cover tube for added impact protection. Maintenance-free internal parts and curved plates reduce charge concentration and ink build-up.



Built-in automatic cleaning

AutoFlush cycle

Unique start/stop cleaning routine prevents blocked nozzles, eliminating one of the major causes of unplanned downtime. A smooth transition from solvent to ink prevents ink splashes, reducing daily maintenance with zero solvent waste.



Printhead cleaning reminders

Customisable cleaning alert

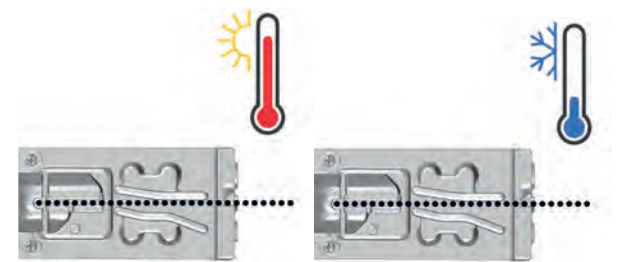
Eliminate unscheduled downtime from common faults by setting custom printhead cleaning reminders. Set reminders by running hours or calendar days to fit your schedule.



Temperature aware

Automatic jet-speed control

Printhead jet-speed control and temperature sensing for consistent printing in changing ambient temperatures.



Built-in battery power for **maximum uptime**



Fast restarts
even after sudden loss of power

Linx PrintProtect® battery backup

Avoid delayed restarts and blocked printheads if power is suddenly lost. In the case of power interruption or a pulled plug, printing will continue for up to 3 minutes. If power is not restored, a full shutdown routine will run to prevent blocked nozzles.



No missed prints
even when power is interrupted

Linx PrintProtect battery for continuous printing

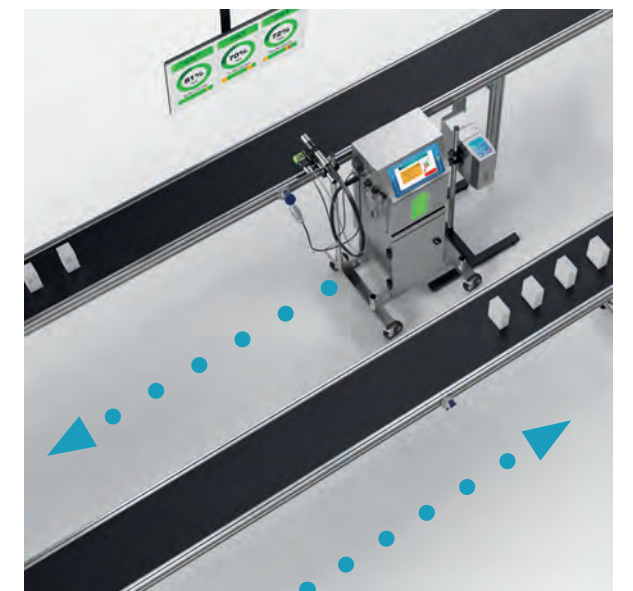
Keep printing for up to 3 minutes, even if power is lost or intermittent. No settings are lost, no need to restart the printer, and no missed prints.



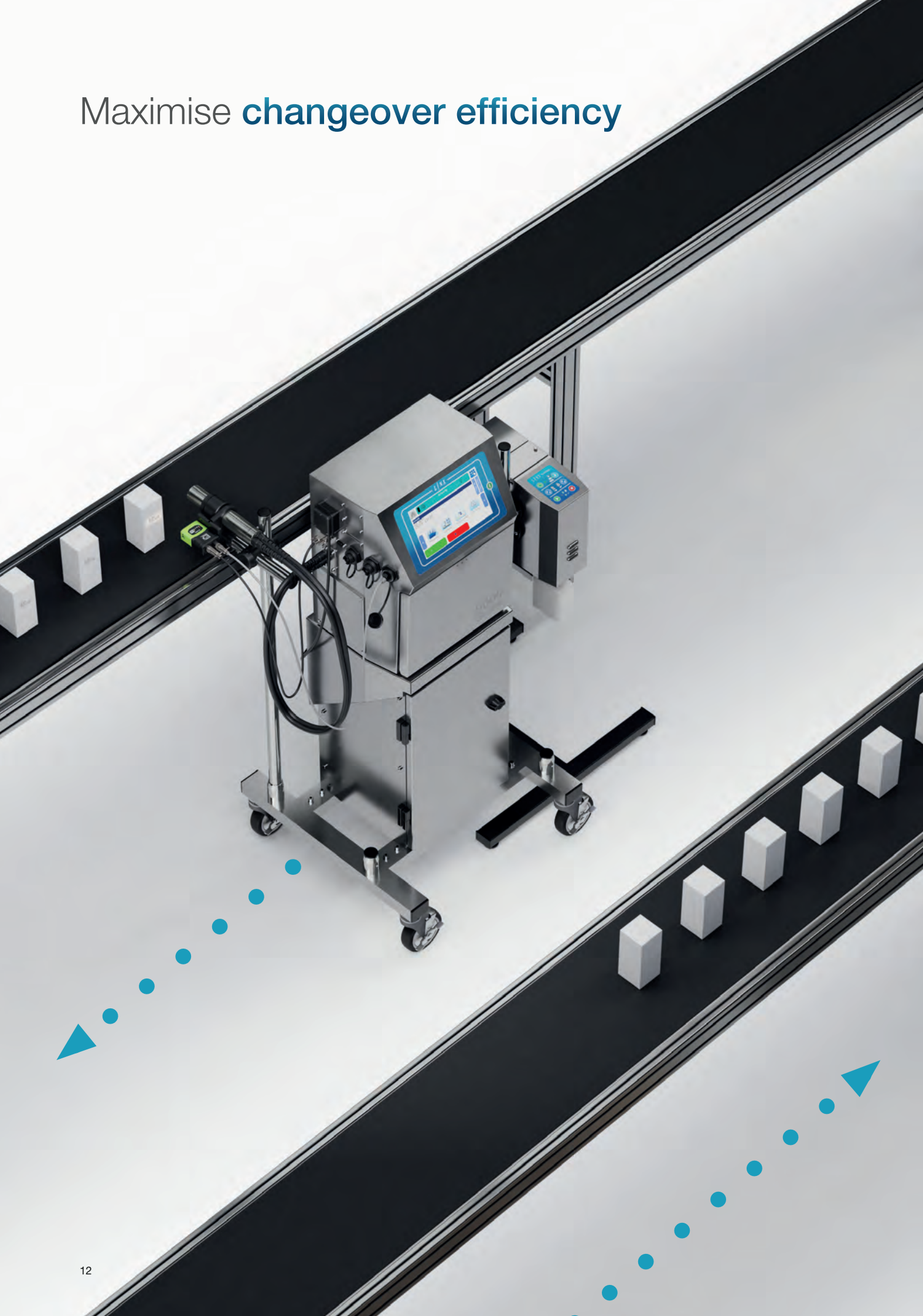
Save time on changeovers

Linx PrintProtect for line moves

Save time on moving the 9900 Series printer between lines, no need to wait for shutdown and restart. Get up to 9 minutes to move the printer, with the jet running on battery power, and start printing again immediately.



Maximise **changeover efficiency**



Error-free messages
from external devices

Linx QuickSwitch®

Change messages in real-time from external production devices or a barcode scanner using Linx QuickSwitch, for fast changeovers and no errors.



Fast message changes from a PC

Linx Message Studio™

Create, edit and switch messages in seconds, using the Linx Message Studio PC application, for fast product changeovers. Send messages to the printer over the network or using a USB drive.



Mistake-proof code selection

Product picture select

No need for operators to remember the code requirements for different products; save them to the printer with an easily identifiable product photo for mistake-proof selection.



Rapid, repeatable setup

Stored line settings

Save time by storing up to 50 previously used line settings for quick and efficient changeovers. No need to reconfigure for perfect print. The saved settings can also be saved onto a USB drive to transfer between printers.



Integrated vision system for code confidence

CORRECT CODE

26 NOV

25276 14:25

Linx Iris will detect:

ABSENT CODE	MISSING CHARACTERS	MISSING PART CHARACTERS	TRUNCATED TEXT	OVERLAPPING CHARACTERS
DISTORTED CHARACTERS	TEXT NOT MATCHING	INVALID DATE	INCORRECT POSITIONING	INCORRECT POSITIONING



Every code present and correct

Linx Iris® vision system

Ensure every product is printed with the correct code and in the correct position, no need for manual code inspection. If a missing or failed code is detected, the printer's alarm outputs can be configured to alert you or stop the production line.



No rework or rejects

Code quality inspection

Linx Iris ensures that each product is marked with a code that aligns with your quality standards, helping to minimise waste and rework while safeguarding your customer's trust. Set pass criteria and quality level on the printer interface to prevent incorrect failures.

QUALITY LEVEL 5

26 NOV
25276 14:25

QUALITY LEVEL 4

26 NOV
25276 14:25

QUALITY LEVEL 3

26 NOV
25276 14:25

QUALITY LEVEL 2

26 NOV
25276 14:25

QUALITY LEVEL 1

26 NOV
25276 14:25

Easy to set up and use

No external computer or power source required

The Linx Iris vision system connects directly to the 9900 Series printer and requires no additional hardware or software for installation, training or use. You can train a new code using the camera with simple on-screen guides and view detected codes and pass/fail rate on the printer screen.



Simple interface to **prevent errors**



Easy to use screen

Intuitive icon-led user interface

Message selection and printer operation is easy with the icon-led interface. Highly responsive touchscreen even when wearing gloves, and an alcohol and solvent-resistant protective membrane for worry-free cleaning.



Ready in your language

Quick language selection

Enable operators of any nationality to use the Linx 9900 Series printer easily. Switch the language of any screen or instruction instantly with an easily accessible language selector.



GS1® ready

Unique GS1 Data Matrix code builder

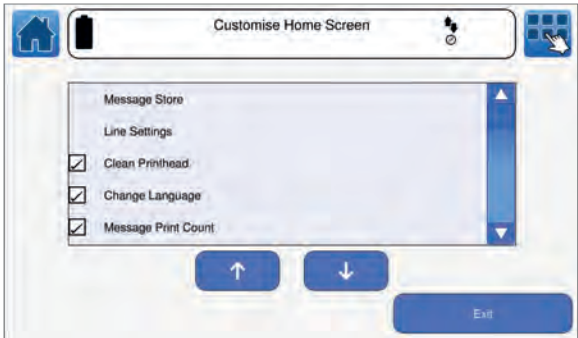
Create error-free GS1-compliant Data Matrix codes using the Linx 9900 Series' mistake-proof, step-by-step GS1 builder tool on the printer interface.



Mistake-free message creation

Prompted text fields

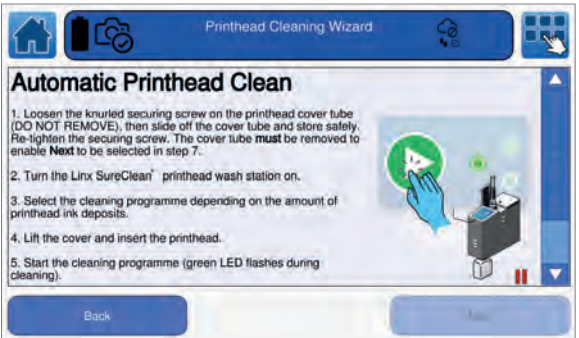
Ensure that all message data is correctly entered using the customisable prompt fields for standard messages, such as batch codes or dates, with minimum and maximum character limits and limited date ranges.



Most common functions at your fingertips

Customisable home screen

Quick access to what you need directly from the home screen to fit around your production requirements. For mistake-free operation, lock certain functions from operators with a supervisor level password.



No training required

On-screen guided maintenance wizards

Enable operators to complete routine maintenance without training, simply follow the instructions and diagrams on the screen.

Reduce running costs



Use 48% less ink

50 micron printhead

Reduce ink use by up to 48% with the 50 micron printhead (option). Using the Linx durable printhead design, the MK11 Mini printhead is capable of printing smaller characters and 2D codes for more print, less ink.



42% solvent reduction

Active Airflow Control technology

Reduce solvent consumption by up to 42% with built-in Active Airflow Control (AAC) technology for lower running costs and fewer printer refills.



Without AAC

With AAC

Reduce scheduled maintenance

EasiChange® service module

Service the Linx 9900 Series in 30 minutes with only 0.5 litres of ink changed. It can be completed on an engineer visit or self-served to fit your schedule. With up to 24 months between services you can be confident that maintenance is kept to a minimum.



Reduce repair costs

Components fit for life

Fit-for-life pump and individually replaceable ink system parts reduce repair and replacement costs of key components over the lifetime of the printer.

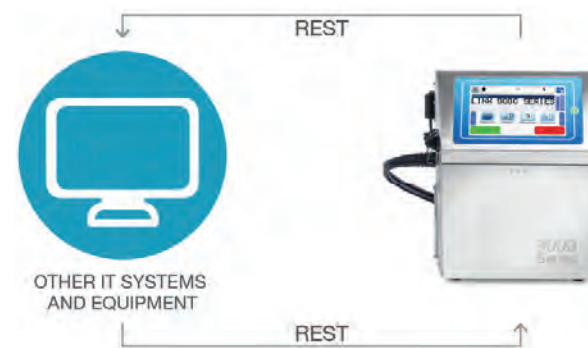


Other important features

Connect with IT systems

Linx REST API

Easily develop applications to integrate IT systems and equipment systems with Linx 9900 Series printers for automated code set up with the simple, human-readable protocol.



Never stop printing

Extra long fluid refill warnings

Continuously monitor the ink and solvent and receive a warning 12 hours before the fluid runs out, with a live countdown of the remaining printing duration. Refills can be done at any time without interrupting printing.



Monitor anytime, anywhere

Linx PrinterNet®

Check print job status and production insights remotely from a PC, tablet or smartphone. Set up real-time email notifications for printer errors or low fluid levels. Collect data on your production line to plan efficient changeovers and improvements.



Switch off for longer

Extended shutdowns

Shut down the printer for up to 3 months without flushing and draining on restart, ideal for holiday shutdowns or secondary lines.



Linx 9940 Spectrum for high opacity inks

Less cleaning, more coding

Linx 9940 Spectrum

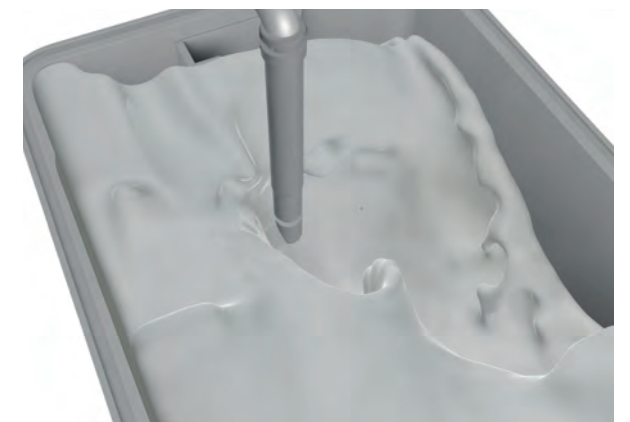
Power down the Linx 9940 Spectrum for up to a month without flushing or draining, then resume printing immediately. With no daily cleaning and a service interval twice that of other pigmented printers, you'll benefit from reduced maintenance and increased uptime.



High-quality opaque print

Unique Vortex® mixing tank

Ensure clear, opaque print every time. The Vortex mixing tank, with unique contoured shape, collects and re-disperses the pigment in the ink continuously, for high contrast coding.



Reduce nozzle blockages

PureFlow® 5x filtration

Reduce the risk of blockages in the printhead, without loss of opacity, by using the powerful Linx PureFlow continuous filtration system which filters the ink 5 times.



Ideal for cable and extrusion

Metre marking and super-fast print

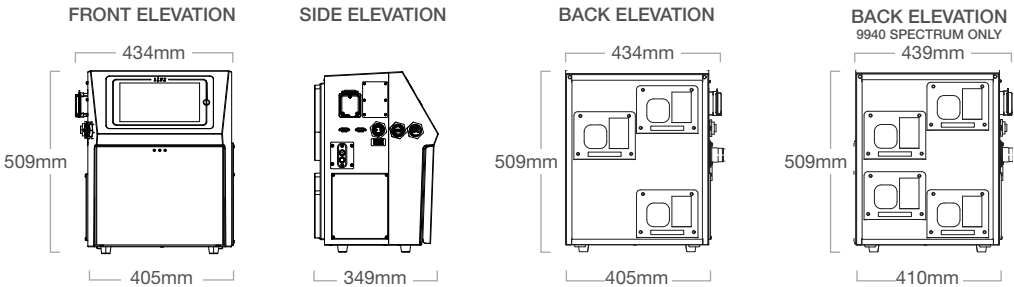
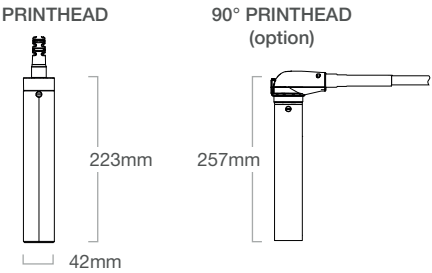
Accurate metre marking helps to maintain consistent, traceable markings along the full length of cable and extruded plastics. For fast-moving products, the Super-fast tower print style produces clear characters at speeds up to 10 m/s.



Linx 9900 Series

9900 | 9910 | 9920 | 9940 | 9940 Spectrum

Technical Specifications



		LINX 9900	LINX 9910	LINX 9920	LINX 9940	LINX 9940 SPECTRUM
LINES OF PRINT		Up to 3			Up to 6	
MK11 MINI PRINTHEAD (50 µm)						
CHARACTER HEIGHT RANGE			1.2mm to 9mm	1.2mm to 11.2mm	1.2mm to 11.2mm	1.2mm to 9mm
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)		4.39 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)		1.57 m/s (0.43mm drop pitch)	2.19 m/s (0.43mm drop pitch)	2.44 m/s (0.43mm drop pitch)	2.44 m/s (0.43mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	(STANDARD)	4mm (8mm available up to 16 dot high printing only)				
MK11 MIDI PRINTHEAD (62 µm)						
CHARACTER HEIGHT RANGE		1.8 to 8.8mm	1.8 to 20mm			1.8 to 16mm
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)	2.83 m/s (0.37mm drop pitch)	6.25 m/s (0.47mm drop pitch)	6.25 m/s (0.47mm drop pitch)	7.50 m/s (0.47mm drop pitch)	7.50 m/s (0.47mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)	1.41 m/s (0.37mm drop pitch)	2.09 m/s (0.37mm drop pitch)	2.46 m/s (0.43mm drop pitch)	2.65 m/s (0.43mm drop pitch)	2.65 m/s (0.43mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	(STANDARD)	12mm				
	(CARTON CODING MESSAGE STYLE)	35mm				
MK11 MIDI PLUS PRINTHEAD (75 µm)						
CHARACTER HEIGHT RANGE		2.1 to 10.7mm	2.1 to 20mm			2.1 to 17mm
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)	2.83 m/s (0.44mm drop pitch)	7.28 m/s (0.57mm drop pitch)	7.28 m/s (0.57mm drop pitch)	9.10 m/s (0.57mm drop pitch)	9.10 m/s (0.57mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)	1.41 m/s (0.44mm drop pitch)	2.02 m/s (0.44mm drop pitch)	2.38 m/s (0.52mm drop pitch)	2.56 m/s (0.52mm drop pitch)	2.56 m/s (0.52mm drop pitch)
	SUPER-FAST TOWER PRINT (5 DOT HIGH)				10 m/s (0.63mm drop pitch)	10 m/s (0.63mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	(STANDARD)	20mm				
	(CARTON CODING MESSAGE STYLE)	45mm				
	(HIGH SPEED CABLING)					5mm
PRINTHEAD		Unique AutoFlush automatic printhead flushing and conduit clearing				
		2m conduit. 4m conduit (option), 6m conduit (option (not available on MK11 Mini printhead or 9940 Spectrum)). 60mm minimum bend radius in static applications. 180mm minimum bend radius in dynamic applications.				
		90° printhead with 270° degree adjustable positioning (option), Hydrogen Peroxide resistant conduit (option)				
		Positive air purge for dusty or humid environments (option)				
		Air dryer (provides improved reliability for certain inks at high humidity and temperature) (option)				
SERVICING OPTIONS		Self-service or engineer visit				
EASI-CHANGE® MODULE SERVICE INTERVAL	DYE BASED	Up to 18 months (13,000 hours)		Up to 24 months (17,400 hours)		
	SOFT PIGMENTED	Up to 12 months (6,000 hours)				
	HARD PIGMENTED					Up to 12 months (8,000 hours)
SERVICE MONITORING				On-screen system monitoring, to measure key ink system and environmental parameters, to help avoid unscheduled stoppages		
EXTENDED SHUTDOWNS WITHOUT FLUSHING OR DRAINING		Up to 3 months				Up to 28 days
LINX PRINTPROTECT® BATTERY		Contains rechargeable Lithium-ion battery as standard				
LINX IRIS® VISION SYSTEM		Compatible with all models (option), refer to Linx Iris Technical Specifications				
LINX SURECLEAN® WASH STATION		Compatible with all models (option), refer to Linx SureClean Technical Specifications				
USER INTERFACE		10-inch full colour touch screen with tough, solvent-resistant polymer cover				
PUMP		Fit-for-life ink pump with no scheduled changes required				
PRODUCTION MEASUREMENT TOOLS		Linx PrinterNet® printer health and production monitoring with remote control (VNC) (option)				
		Total print count, message count and batch count. On-screen output rate measurement and production stoppage log. Downloadable onto USB device				

	LINX 9900	LINX 9910	LINX 9920	LINX 9940	LINX 9940 SPECTRUM
USER INTERFACE FUNCTIONS	Password-protected functions, with customisable user profiles				
	Quick operator language selection from all screens, secondary keyboard for multi-language printing				
	Simple on-screen guidance wizards for multiple functions including line speed and shaft encoder setup, printhead cleaning, and fluid refill				
MESSAGE CREATION	Prompted fields for one-step message editing with customisable on-screen prompts, Automatic date forward function (Add seconds, minutes, or hours to current time, or days, weeks, or months to current date), Height, width and delay functions for easy code sizing and positioning, Shift coding (message content changes automatically at defined times)				
		'Production Schedule' function, to print a sequence of messages automatically, with different triggering and repeat print options			
	Message selection, creation and editing from a PC using Linx Message Studio®				
	GS1 Data Matrix code builder				
MEMORY	Up to 1000 messages can be stored using internal printer memory, more can be stored on a USB storage device				
	Up to 4 line settings can be stored, with individual line names		Up to 50 line settings can be stored, with individual line names		
	Message, line and printer settings backup, copy and restore using USB storage device				
MESSAGE SELECTION	QuickSwitch® message selection, remote field update and message select-and-populate text field, using barcode scanner				
	Message selection using product images				
PRINT CAPABILITIES	Text, Symbols, Numbers, Dates, date rounding (using the printer's internal clock), Times, Graphics, Logos				
	Rotated character (tower) printing, Inverted printing, Bold character printing (up to 9 times)				
	Variable character spacing and inverse image printing, for improved readability and vision system recognition				
	Sequential numbering (forward and backward counting, variable intervals)				
		Sequential numbering (multiple number ranges, alphanumeric sequencing)			
	One-touch sequential number reset option from the printer screen, and reset using external trigger				
	Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, GS1 Data Matrix, QR, RM4SCC-Type C)				
	Dynamic orientation for printing on traverse applications (option)		Dynamic orientation for printing on traverse applications		
	Accurate marking at regular intervals i.e. 'metre marking', with rollback to detect lines running backwards and high precision calculation options				
	Sequential text fields, increment and reset sequences using external triggers, optional one-touch sequence reset from the printer screen				
INK AND SOLVENT	On-screen fluid level indicators, up to 12 hour running from fluid refill warning to printer stop				
	Mistake-proof, mess-free ink and solvent refills while printing (0.5 litre ink cartridge, 1 litre solvent cartridge)				
	Dye based black and colours. Soft pigmented colours				Hard pigmented white and colours
		Active Airflow Control for lower solvent consumption and reduced emissions (option (not available on 6m printheads))			
CONNECTIONS	Multiple protocols to connect with other equipment including REST interface, Extended QuickSwitch and RCI				
	2 x D-type connectors for Product Detector, Shaft encoder/Second product detector, Quadrature encoders for direction applications, and Vision camera				
	Alarm connector for External single stage alarm output (24v)				
	Ethernet for Linx Remote Communications Interface (RCI), Extended QuickSwitch®, REST, Linx Message Studio and Linx PrinterNet				
	USB for Graphics and logos import, Data backup, Barcode scanner and Wi-Fi Connection for Linx PrinterNet				
	RS232 (option), Parallel I/O (option), Volt-free contact alarm connection (option), Multi-stage Alarm output (24v and volt free) (option)				
BASE & ENCLOSURE	Stainless Steel				
ENVIRONMENTAL PROTECTION RATING	IP55			IP65	
OPERATING TEMPERATURE RANGE	5-45°C (0-50°C for Linx 1240, 1010, 1014 and 3240 ink types)				5-45°C
HUMIDITY RANGE (R.H., NON-CONDENSING)	90% max				
POWER SUPPLY	100-230V, 50/60Hz				
POWER CONSUMPTION	38W (typical when printing)				
POWER RATING	120W				
WEIGHT	23.2kg (including fluids and 2m printhead)				25.1kg (including fluids and 2m printhead)
REGULATORY APPROVALS	GS CE UL CAN/CSA FCC BIS				

Linx 9900 Series



Linx Iris®



Linx SureClean®



Making printing
one less thing
to worry about

Linx PrinterNet®



Linx Ink Range



DE KONINGH



CODING · LABELING · INSPECTION

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