



PRINT JET®

LINX 9840 SPECTRUM PRINTER



High Contrast Coding on Dark Products

The Linx 9840 Spectrum is a high-performance continuous inkjet (CIJ) printer specially engineered for high-opacity pigmented inks and demanding industrial coding applications. Designed to deliver exceptional print contrast on dark and difficult substrates, the 9840 Spectrum combines advanced ink management technology with industry-leading uptime features, making it ideal for cable, extrusion, automotive, electronics, and industrial manufacturing environments.

At the heart of the system is the unique Vortex® mixing tank and PureFlow® 5x filtration technology, which continuously re-disperses pigments and filters ink to minimise nozzle blockages while maintaining excellent print opacity and consistency. The printer can remain powered down for up to 28 days without flushing or draining, significantly reducing maintenance and enabling fast restarts. With super-fast tower printing speeds up to 10 m/s and accurate metre marking capability, the Linx 9840 Spectrum is perfectly suited for high-speed cable and extrusion applications.

The 9840 Spectrum also incorporates Linx's intelligent uptime technologies, including AutoFlush® automatic printhead cleaning, Battery backup, QuickSwitch® message selection, and optional Linx Iris® vision inspection for code verification. Its robust MK11 printhead design, extended service intervals, and intuitive touchscreen interface help manufacturers achieve maximum productivity with minimal operator intervention. The Linx 9840 Spectrum delivers reliable, durable, and highly visible codes even in the harshest production environments — making printing one less thing to worry about.

Less cleaning, more coding

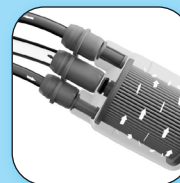


Power down the Linx 9840 Spectrum for up to a month without flushing or draining, then resume printing immediately. With no daily cleaning and a service interval twice that of other pigmented printers, you'll benefit from reduced maintenance and increased uptime.



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.



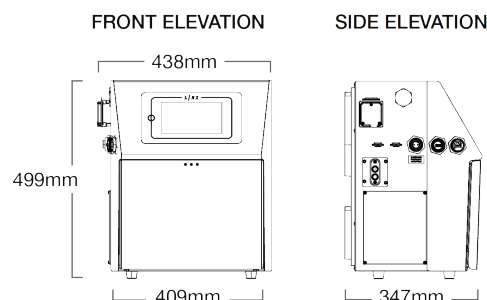
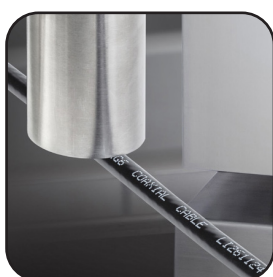
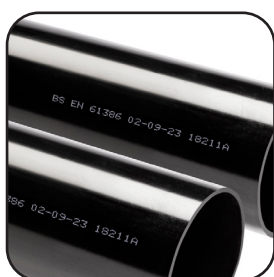
PureFlow® 5x filtration

The SureClean wash station cleans and dries the printhead, allowing any operator to perform cleaning easily and safely. No contact with cleaning fluid, no training required.



Metre marking & 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.



Technical Specifications

Lines Of Print	Up to 6
Available Nozzle Sizes	75 µm
Character Height	2.1 to 17mm
Maximum Speed -Single Line Print (5 Dot High)	9.10 m/s Super-fast tower print 10 m/s
Maximum Speed -Two Line Print (7 Dot High)	2.56 m/s Super-fast tower print 10 m/s
Printhead	2m conduit. 4m conduit (option), 90° printhead (option), Positive Air (option for dusty environments), Air dryer (option for humid environments)
Extended Shutdowns without Flushing/Draining	Up to 3 months
Easi-Change® Module Service Interval:	up to 12 months (8,000 hours)
Linx Printprotect® Battery	Contains rechargeable Lithium-ion battery as standard
Linx Iris Vision System	Compatible with all models (optional hardware), refer to Linx Iris Technical Spec.
Linx Sureclean Printhead Wash Station	Compatible with all models (optional hardware), refer to Linx SureClean Technical Spec.
User Interface	7-inch full colour touch screen with tough, solvent-resistant polymer cover
Linx PrinterNet®	Linx PrinterNet printer health and production monitoring with remote control (VNC) (option)
Linx Message Studio™	Create, save, edit and switch messages from a computer, Compatible with all models
Gs1® Code Builder	As standard
Memory	Up to 1000 messages can be stored using internal printer memory, more can be stored on a USB storage device. 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
Print Capabilities	Text, Symbols, Numbers, Sequential numbering, Dates, Times, Rotated character (tower) printing, Inverted printing, Graphics, Logos, Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA,Pharmacode, Data Matrix, QR, RM4SCC-Type C), Dynamic orientation and Traverse printing (option)
Ink And Solvent	12 hour fluid refill warning. Mistake-proof, mess-free ink and solvent refills while printing (0.5 litre ink cartridge, 1 litre solvent cartridge). Hard pigmented white and colours
Connections	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 and Linx PrinterNet USB for Graphics and logos import, Data backup, Barcode scanner and Wi-Fi Connection for Linx PrinterNet. Options: Volt-free contact alarm connection, Multi-stage Alarm output
Enclosure & Environmental Protection Rating	Stainless Steel & IP55
Operating Temperature Range	5-45°C
Humidity Range(R.h., Non-Condensing)	90% max
Power Supply	100-230V, 50/60Hz
Power Consumption & Power Rating	38W (typical when printing) & 120W
Weight	23kg (including fluids and 2m printhead)
Regulatory Approvals	CE UL CAN/CSA FCC BIS



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