

PACKTRONIC

EXCELLENCE IN TRACEABILITY

TECHNOLOGY THAT LEAVES ITS MARK



Product Catalogue

Developed by Packtronic (Pty) LTD

Vesion 1@102026

The Packtronic team brings over 3 decades of knowledge and expertise in all aspects of laser, thermal inkjet and continuous inkjet coding & marking systems, just to name a few.

The company started after discovering an increasing demand for quality certified marking and coding systems.

The company has grown to become a leader in the field, offering high-powered laser coding machines, continuous Inkjet printers, thermal transfer over printers, laser fume extractors and innovative thermal inkjet printing technologies.



Installations

Our technical specialists will install your marking systems promptly and efficiently. We provide quick commissioning, preventing lost time for your production line.



Services

Continue to run your production at peak conditions, prevent potential faults / errors and extend the longevity of your printer / laser by scheduling regular services.



Breakdowns

Our technical team will be able to assist remotely for quick fixes or arrive on site around the local area in less than 4 hours and regionally within 24-48 hours.



Training

Our team provides on-site training after installation and focuses on ensuring customers understand their systems for effortless coding & marking.



We are proud distributors of the following brands:



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ABOUT OUR COMPANY



Save Our Details

Packtronic – Coding and Marking Solutions is a leading provider of advanced product identification, traceability and marking technologies across South Africa and the African continent. With over three decades of industry experience, we are recognised as a trusted partner to manufacturers seeking reliable, efficient and future-ready coding solutions.

Founded in 1995, Packtronic has built a reputation for excellence by delivering world-class systems backed by expert technical support and a customer-first philosophy. Our solutions are designed to optimise production efficiency, ensure regulatory compliance and enhance brand integrity across multiple industries.

From food and beverage to pharmaceuticals, automotive, packaging, and electronics, Packtronic empowers businesses with precision-driven technology that performs in the most demanding production environments.



Our Mission

To empower industries with reliable, innovative coding and marking solutions that optimise production efficiency, enhance traceability, and ensure compliance with global standards.



Our Vision

To shape the future of industrial product identification by being Africa's most trusted partner in coding and marking technology — driven by innovation, sustainability, and exceptional customer service.

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INNOVATIVE CODING AND MARKING SYSTEMS

Packtronic offers a comprehensive range of industrial marking solutions designed to meet the unique needs of modern manufacturing environments. Our systems are engineered for speed, durability, accuracy and seamless integration into existing production lines.

» Laser Coding Solutions

Our laser coding systems deliver permanent, tamper-proof markings with zero consumables. Using advanced CO₂, Fibre and UV laser technologies, these systems provide high-speed, high-contrast codes on a wide range of substrates.

» Packtronic Laser Range

Designed for heavy-duty industrial environments, our In-House Laser Range delivers unmatched power, reliability and precision. These systems are engineered for demanding applications requiring deep engraving, permanent marking and ultra-high speed.

» Continuous Inkjet Systems

CIJ printers are built for high-speed, non-contact printing on virtually any material. These systems are highly versatile and perform exceptionally well in fast-paced production environments.

» Thermal Inkjet Systems

Our Rynan Thermal Inkjet printers offer compact, cost-effective and high-resolution coding for both primary and secondary packaging lines.

INDUSTRIES, LEADERSHIP & SUPPORT



Save Our Details

Customer Support and Service Excellence

What truly distinguishes Packtronic is its unwavering commitment to customer support. The company offers comprehensive **24/7 technical assistance**, ensuring minimal downtime and rapid response when issues arise. From consultation and site surveys to installation, training, maintenance, and upgrades, Packtronic supports clients at every stage of their operational journey.

Leadership That Inspires Excellence

Packtronic is led by Managing Director Johan Calitz, a visionary entrepreneur with over 30 years of experience in business strategy, operations, and industrial technology. He founded the company to deliver premium coding and marking solutions to African industries, with a strong focus on customer success.

Under his leadership, Packtronic has become one of Africa's most respected coding and marking solution providers, representing global brands and developing proprietary laser technologies. His focus on innovation and operational excellence continues to drive the company's growth.

Conclusion

Packtronic – Coding and Marking Solutions is more than a technology provider; it is a long-term partner committed to helping businesses operate more efficiently, accurately, and competitively. Through innovation, expertise, and customer-focused service, Packtronic continues to shape the future of product identification and traceability across South Africa and beyond.

For organisations seeking reliable coding and marking solutions backed by experience, precision and dedicated support, Packtronic stands ready to



Coding & Marking Technologies

Understanding TIJ, PIJ, TTO, CIJ and Laser Coding

Choosing the right coding technology depends on the substrate, print content, production speed, environment, maintenance requirements and total operating cost. **This guide explains the practical differences between the five most common industrial coding technologies.**

Quick Comparison

Technology	How it prints	Best suited to	Key advantage
TIJ	Thermal energy ejects ink from a cartridge	Cartons, labels, porous and selected non-porous surfaces	High-resolution print with simple maintenance
PIJ	Piezo electric crystal flexes to eject ink droplets	Wide-format coding, graphics, text and high-volume secondary packaging	Large print area and flexible ink delivery
TTO	Heated printhead transfers ribbon ink onto flexible packaging	Films, labels, pouches and flow-wrap packaging	Excellent print quality on moving flexible webs
CIJ	Continuous stream of ink droplets is electrically charged and deflected	Fast production lines and varied product surfaces	High speed and ability to print on many substrates
Laser	Focused laser beam marks the surface without ink	Permanent marking on suitable plastics, glass, metals, films and coated materials	Permanent, consumable-free coding

1. Thermal Inkjet (TIJ)



How it works

TIJ uses small resistors inside an ink cartridge to heat the ink rapidly. The resulting pressure creates a bubble that forces a precise droplet through the nozzle and onto the product or packaging.

Key strengths

- High-resolution text, barcodes, QR codes, logos and variable data
- Compact printheads and easy integration into production lines
- Cartridge-based system means quick ink changes and relatively low routine maintenance
- Well suited to cartons, labels, paper and many coated or non-porous materials when the correct ink is selected

Typical applications

Primary and secondary packaging, pharmaceutical cartons, food packaging, labels, batch and date coding, barcodes and traceability data.

We are proud distributors of the following brands:



What to consider

It is ideal when print quality, simplicity, and clean operation are priorities. Ink choice and substrate compatibility are important, and very harsh or dusty environments may require additional protection.

2. Piezo Inkjet (PIJ)



How it works

PIJ uses a piezo electric crystal that changes shape when an electrical charge is applied. This mechanical movement creates pressure that ejects ink droplets through the printhead nozzles. Unlike TIJ, the ink is not heated during the droplet-generation process.

Key strengths

- Can support larger print heights and wider print areas
- Suitable for text, logos, barcodes and graphics
- Can use bulk ink systems, making it attractive for high-volume applications
- Flexible droplet control can provide strong print quality at industrial speeds

Typical applications

Large-character coding, cartons, cases, corrugated packaging, graphics and high-volume secondary packaging.

What to consider

PIJ is often selected where a larger print area or bulk-ink system is required. Printheads and ink delivery systems require proper maintenance and protection from contamination.

3. Thermal Transfer Overprinting (TTO)



How it works

TTO uses a digitally controlled thermal printhead to heat selected points on an ink-coated ribbon. The heated ink transfers from the ribbon onto the packaging material as it passes beneath the printhead.

Key strengths

- Very sharp text, barcodes and graphics
- Excellent for flexible packaging and films
- Can print variable information such as dates, batch numbers, ingredients and prices
- Available for intermittent and continuous-motion packaging machines

Typical applications

Flow wrappers, vertical and horizontal form-fill-seal machines, pouches, sachets, labels and flexible films.

What to consider

TTO is one of the best choices for high-quality variable coding on flexible packaging. It requires ribbon consumables, and performance depends on matching the ribbon grade to the packaging film.

We are proud distributors of the following brands:



4. Continuous Inkjet (CIJ)

How it works

CIJ continuously circulates pressurised ink through a nozzle to form a stream of droplets. Selected droplets are electrically charged and deflected onto the product while unused ink is returned to the system for recirculation.

Key strengths

- Very high line speeds and continuous operation
- Prints on a wide range of shapes, materials and orientations
- Non-contact printing works well on moving products
- Specialist inks are available for applications such as plastics, cables, glass and other difficult substrates

Typical applications

Beverage bottles, cans, food products, cables, pipes, extrusion, automotive components, cosmetics, pharmaceuticals and general industrial production.

What to consider

CIJ is highly versatile and reliable for fast manufacturing lines. It typically requires ink and solvent consumables and more routine servicing than cartridge-based TIJ systems.



5. Laser Coding

How it works

Laser coders use a focused beam of light to create a mark by removing, changing, or reacting with the surface of the material. Depending on the application, CO₂, fibre or UV laser technology may be used.

Key strengths

- Permanent and highly durable codes
- No ink, ribbon or solvent consumables
- Excellent for text, barcodes, logos and serialisation
- Suitable for high-speed applications when correctly specified
- Very low routine consumable requirements

Typical applications

Bottles, films, labels, plastics, metals, glass, cartons and other laser-compatible materials.

What to consider

Laser is ideal when permanent coding and low consumable use are important. The material must be tested for laser compatibility, and installation normally requires guarding, extraction and appropriate laser-safety controls.

Which Technology Should You Choose?

Choose TIJ when you need high-resolution, clean cartridge-based printing on packaging and labels.

Choose PIJ when you need a larger print area, bulk ink supply or graphics on cartons and secondary packaging.

Choose TTO when you are coding directly onto flexible packaging film on a packaging machine.



We are proud distributors of the following brands:



Choose CIJ when you need reliable, high-speed non-contact coding on products with varied shapes and surfaces.

Choose Laser when you require a permanent code and want to minimise ink, ribbon and solvent consumables.

The correct coding solution should always be selected after evaluating the substrate, required

We are proud distributors of the following brands:





PACKTRONIC

EXCELLENCE IN TRACEABILITY

THERMAL INKJET PRINTERS



Product Catalogue

Developed by Packtronic (Pty) LTD

THERMAL INKJET PRINTERS (TIJ)



Packtronic Handheld

The Packtronic Half-Inch/One-Inch Handheld offers precision marking in a compact, lightweight design. This versatile printer is perfect for smaller text applications, providing crystal-clear codes on various substrates. Its half-inch print height makes it ideal for detailed marking requirements while maintaining excellent portability.



RYNAN R10H

The R10H one-inch handheld coding printer is built for robust production environments, delivering consistent, high-quality printing on cartons, labels, films, and plastics. Its compact design fits easily into tight spaces and existing production lines.



RYNAN B1040 Pro & Max

The most compact, reliable and robust Thermal Inkjet Coder for packaging printing on the market.

The RYNAN B1040 has been a trusted product amongst RYNAN's customers for its cost-efficiency and low downtime.

This high-resolution variable data printer is compact, user-friendly and easy to set up on production lines.



RYNAN R10e Series

The R10e is a versatile, compact printer designed for small-character coding on cartons, labels, and flexible films. Engineered for high-resolution, precise printing, it delivers clear and consistent codes with minimal maintenance, making it ideal for high-volume production lines.



RYNAN R20e Series

The R20e Thermal Inkjet Printer is a high-performance coding solution designed to meet the demands of modern production environments. Built for precision, reliability, and efficiency, the R20e Thermal Inkjet Printer delivers consistent, high-resolution printing on a wide variety of substrates, including cartons, plastics, labels, and flexible packaging.



RYNAN R60 Series

Experience revolutionary coding and marking.

The 10-inch touchscreen controller supports a large 6-inch print height (152.4mm) and offers high-speed printing up to 76m/min at 300 dpi.

Enjoy precise and efficient coding on various substrates with user-friendly operation and seamless integration.

Available with different printheads as the R60 Max, R60 Reach & R60 Pro.



RYNAN R-HMI & i-TIJ

Powerful compact industrial printer for smart inkjet printing, designed for versatile production line coding. Supporting the effective i-PRO, i-MAX, i-REACH and i-REACH XL printheads, it delivers reliable industrial printing solutions. From high-speed to challenging substrates, the i-TIJ series caters to a wide range of packaging applications, engineered for standalone operations or seamless integration into diverse production lines using H-MCS centralised control.

Handheld Inkjet Coding Printers



Packtronic offers professional-grade handheld inkjet coding solutions designed for versatile marking applications. Our printer range includes half-inch and one-inch models, each engineered to deliver precise, high-quality prints on various surfaces. Whether you need simple date coding or complex variable data printing, our intuitive systems provide reliable performance for manufacturing, packaging, and logistics operations.

1

Intuitive Operation

4.3-inch touch screen with user-friendly interface for effortless navigation and print preview.

2

Positioning Plate

Auxiliary positioning for small or uneven surfaces, ensuring accurate print placement.

3

Conveyor Adaptable

Automatic continuous printing mode with speeds up to 60m/min at 300 dpi for high-volume production.

4

One Item One Code

Database integration for batch input of unique barcodes and QR codes for traceability.

Half Inch Printer (0.5"/12.7mm)

Compact design for 1-5 lines of text, ideal for smaller marking areas and basic coding requirements.

One Inch Printer (1"/25.4mm)

Enhanced capacity for 1-10 lines of text, perfect for detailed product information and complex coding needs.

Technical Specifications

Our handheld inkjet printers are engineered with advanced features to meet diverse industrial marking requirements. Both models support multiple languages, various ink types, and flexible printing modes. The comprehensive specifications below detail the capabilities of each printer model, helping you select the optimal solution for your application needs.

Feature	Half Inch Printer	One Inch Printer	Premium Models
Print Height	12.7mm max	25.4mm max	12.7mm / 25.4mm
Printable Lines	1-5 lines	1-10 lines	1-5 / 1-10 lines
Resolution	300/600 dpi	300 dpi	300/600 dpi
Ink Type	Water-based	Water-based	Water-based / Fast Dry Solvent
Cartridge Capacity	42ml	42ml	42ml
Continuous Work Time	>8 Hours	>8 Hours	>8 Hours
Product Weight	450g	460g	450-460g

Printing Content

Text, numbers, barcodes, QR codes, logos, pictures, dates, time stamps, counters, and group printing supported.

LanguageSupport

33 languages including English, Spanish, German, Arabic, Chinese, Japanese, Korean, French, Portuguese, and more.

Ink Colors Available

Water-based: Black, Cyan, Magenta, Yellow, Green. Fast Dry Solvent: Black, White, Cyan, Magenta, Yellow, Green, Invisible.

60m

Max Print Speed

Per minute in photoelectric mode

2-5mm

Ink Throw Distance

Optimal printing distance range

512M

Storage Capacity

Premium models for extensive data



Operating Environment: Temperature 5-35°C, Humidity 10%-80%. Power Supply: AC100-240V / DC9V/2A. Working modes include handheld and continuous operation with photoelectric sensor integration.



R10H



Wi-Fi Enabled. Industrial Grade. Seamless Integration



R10H

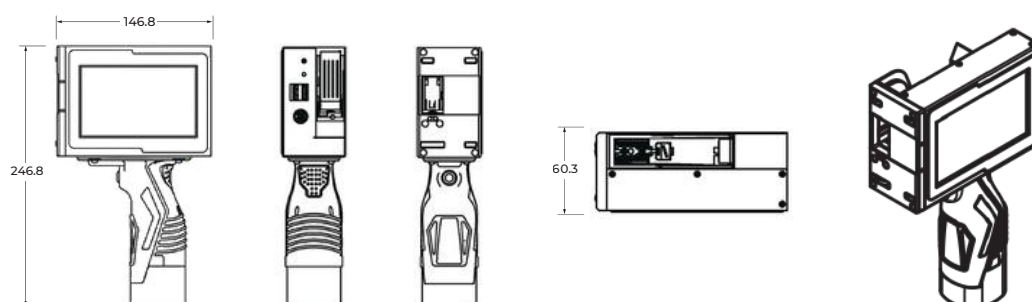


TECHNICAL SPECIFICATIONS

Printing Technology	One-Inch TIJ
Handheld Dimensions	146.8 x 60.3 x 246.8mm
Handheld Weight	744g w/o Battery, 962g w Battery
Operating Time	Up to 8 Hours
Battery Capacity	3000mAh
Interface Screen	5" LCD Capacitive Touchscreen
Resolutions	Max 300 x 600 DPI
Print Speed	30m/min
Density	3 levels
Throw Distance	Up to 5mm

FEATURES

Wide Range Of Print Types	• Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 25.4mm
External Connections	• USB 2.0 • Wi-Fi via USB
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	• Free design in template up to 1 inch (25.4mm) • XML-based communication for direct integration with Software NiceLabel • Backup & Restore of Printer Settings • POD (Print online data) via USB Wi-Fi Connection • Remote access via USB Wi-Fi connection
Printable Characters	Windows TrueType Fonts
Print Languages	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Type	Solvent Base Ink, Water Base Ink
Operating Environment	Temperature 10 - 40oC, Humidity 40 - 80%, Non-condensing





B1040 SERIES

Compact Variable Data TIJ Printer

For High Speed and Large Print Height



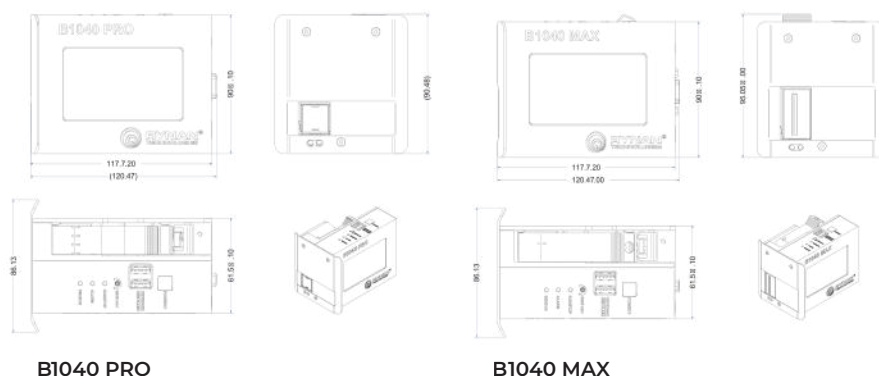
TECHNICAL SPECIFICATIONS

	B1040 PRO	B1040 MAX
Printing Technology	HP TIJ 2.5	1-Inch TIJ
Product Dimensions	120.6 x 86.1 x 90.5mm	120.6 x 86.1 x 95mm
Printhead Dimensions	644.7g	650.5g
Display	3.5" LCD Screen	3.5" LCD Screen
Power Supply	AC 100V-240V, 50/60Hz, DC 24V 2.5A	AC 100V-240V, 50/60Hz, DC 24V 2.5A
Resolution	Max 600 DPI	Max 300 DPI
Print Speed	Up to 76m/min at 300 DPI	Up to 40m/min at 300 DPI
Print Density	3 levels	3 levels
Throw Distance	5mm	5mm

FEATURES

WideRangeOfPrint Types	• Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database	• Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database
	1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)	1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 12.7mm	Maximum 25.4mm
External Connections	Built-In sensor	Built-In sensor
Template Length	1.5m	1.5m
Database	TXT, CSV	TXT, CSV
Advanced Features	Free design in template up to 12.7mm	Free design in template up to 25.4mm
Printable Characters	Windows true fonts	Windows true fonts
Print Languages	English (default), Vietnamese, Thai, Turkish, Chinese (PRC), Korean, Russian, Japanese, Hebrew, Spanish, Portuguese and Arabic	English (default), Vietnamese, Thai, Turkish, Chinese (PRC), Korean, Russian, Japanese, Hebrew, Spanish, Portuguese and Arabic
System Languages	English (Default), German, Vietnamese, Simplified Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish	English (Default), German, Vietnamese, Simplified Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish

DIMENSIONS



B1040 PRO

B1040 MAX



R10e Series

Cost Effective Touch Screen Controller

For High Speed and Large Print Height



R10e REACHE

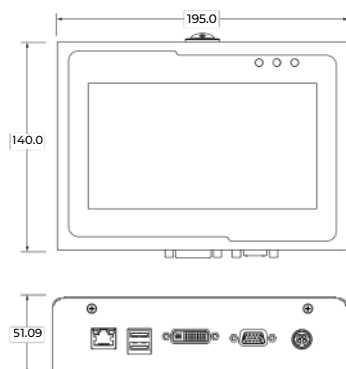


TECHNICAL SPECIFICATIONS

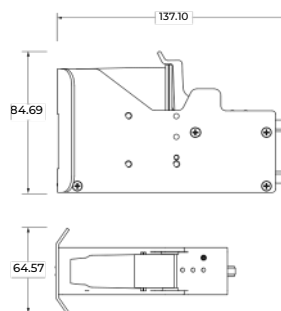
Printing Technology	Funai TIJ
Controller Dimensions	195 x 151.7 x 51mm
Printhead Dimensions	135.9 x 64.57 x 84.65mm
Controller Weight	1,100g
Print Head Weight	338.79g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 300 x 600 DPI
Print Speed	45m/min @ 300x200 DPI
Density	3 levels
Throw Distance	Up to 10mm
Data Cable	DVI 1.8m Standard

FEATURES

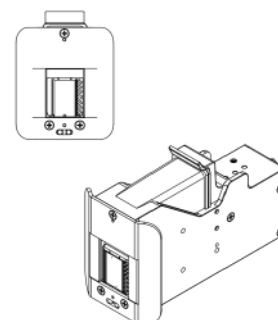
Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date - Julian Date - Shiftcode - Image - Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 13.5mm
External Connections	- Built in sensor, DVI Port - External Sensor, Encoder and Alarm beacon
Template Length	1.5m @ 300x200 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 0.53 inch (13.5mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45. Upgrade to the PRO version to use this feature
Printable Characters	Windows true fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Type	Solvent Base Ink
Ink Security Technology	Private Smartchip
Operating Environment	Temperature 10 - 40°C, Humidity 40 - 80%, Non-condensing



R10e Controller



REACHE Printhead



R10e PROe

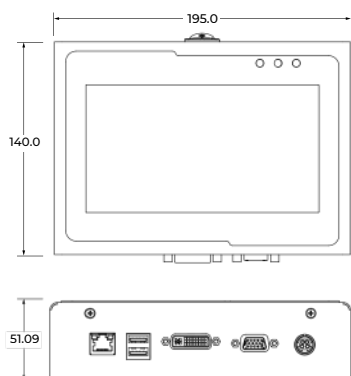


TECHNICAL SPECIFICATIONS

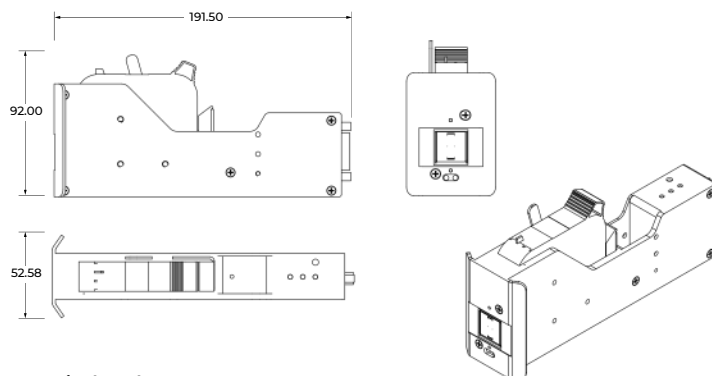
Printing Technology	HP TIJ 2.5
Controller Dimensions	195 x 151.7 x 51mm
Printhead Dimensions	190.3 x 52.58 x 91.96mm
Controller Weight	1,100g
Print Head Weight	402.97g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 600 x 600 DPI
Print Speed	76m/min @ 300x300 DPI
Density	3 levels
Throw Distance	Up to 5mm
Data Cable	DVI 1.8m Standard

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date - Julian Date - Shiftcode - Image - Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 12.7mm
External Connections	- Built in sensor, DVI Port - External Sensor, Encoder and Alarm beacon
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 0.5 inch (12.7mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45. Upgrade to the PRO version to use this feature
Printable Characters	Windows true fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Type	Solvent Base Ink, Water Base Ink, UV Ink
Ink Security Technology	Private Smartchip
Operating Environment	Temperature 10 - 40°C, Humidity 40 - 80%, Non-condensing



R10e Controller



PROe Printhead

R10e MAXe

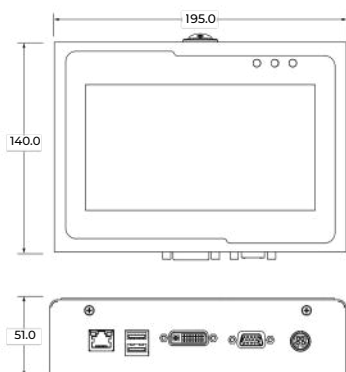


TECHNICAL SPECIFICATIONS

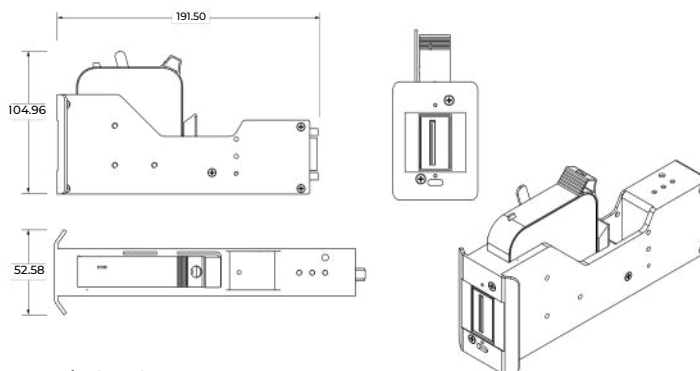
Printing Technology	One-Inch TIJ
Controller Dimensions	195 x 151.7 x 51mm
Printhead Dimensions	190.4 x 52.58 x 104.96mm
Controller Weight	1,100g
Print Head Weight	390.77g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 300 x 600 DPI
Print Speed	76m/min @ 300x300 DPI
Density	3 levels
Throw Distance	Up to 5mm
Data Cable	DVI 1.8m Standard

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date 1 D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix) - Julian Date - Shiftcode - Image - Database
Printable Height	Maximum 25.4mm
External Connections	- Built in sensor, DVI Port - External Sensor, Encoder and Alarm beacon
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 1 inch (25.4mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45. Upgrade to the PRO version to use this feature
Printable Characters	Windows true fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Type	Solvent Base Ink, Water Base Ink
Ink Security Technology	Private Smartchip
Operating Environment	Temperature 10 - 40°C, Humidity 40 - 80%, Non-condensing



R10e Controller



MAXe Printhead

Comparison Table

Specifications	R10e PROe	R10e MAXe	R10e REACHe
Printing technology	TIJ 2.5	1 Inch TIJ	Brady TIJ
Controller dimensions	195 × 151.7 × 51 mm	195 × 151.7 × 51 mm	195 × 151.7 × 51 mm
Printhead dimensions	190.3 × 52.58 × 91.96 mm	190.4 × 52.58 × 104.96 mm	135.9 × 64.57 × 84.65 mm
Controller weight	1,100 g	1,100 g	1,100 g
Printhead weight	402.97 g	390.77 g	338.79 g
Display	7-inch LCD touchscreen	7-inch LCD touchscreen	7-inch LCD touchscreen
Power supply	DC 24V 2.5A, 60W	DC 24V 2.5A, 60W	DC 24V 2.5A, 60W
Resolution	Max 600 DPI	Max 300 DPI	Max 300 DPI
Print speed	Up to 76 m/min at 300 DPI	Up to 76 m/min at 300 DPI	Up to 45 m/min at 300 DPI
Density	3 levels	3 levels	3 levels
Throw distance	Up to 5 mm	Up to 5 mm	Up to 10 mm
Printable height	Max 12.7 mm	Max 25.4 mm	Max 13.5 mm

Features	Details
Print types	Text, counter, box/lot, date and time, expiry date, Julian date, shift code, image, database, and 1D and 2D barcodes.
Barcode formats	Code 11, Code 39, Code 128, EAN, QR, Datamatrix and GS1 Datamatrix.
Printable height	PROe: Max 12.7 mm · MAXe: Max 25.4 mm · REACHe: Max 13.5 mm.
External connections	Built-in sensor, external sensor, encoder and alarm beacon.
Template length	1.5 m.
Database formats	TXT, CSV, SQL, SQLite and MySQL.
Template design	Free design in template.
Real-time printing	Supported on all models.
Print preview	WYSIWYG (what you see is what you get).
USB functionality	Data upload, backup and recovery via USB.
Device integration	POD (Print Online Data): integration with PLC, camera and checkweigher via RJ45.
Model-specific template design	PROe: Up to 12.7 mm · MAXe: Up to 25.4 mm · REACHe: Up to 13.5 mm.
Printable characters	Windows TrueType Fonts.
Print languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic.
System languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others).



R20e Series

Cost Effective Touch Screen Controller



R20e REACHE

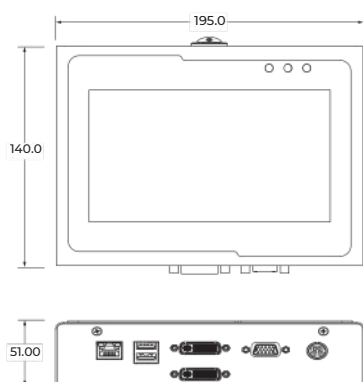


TECHNICAL SPECIFICATIONS

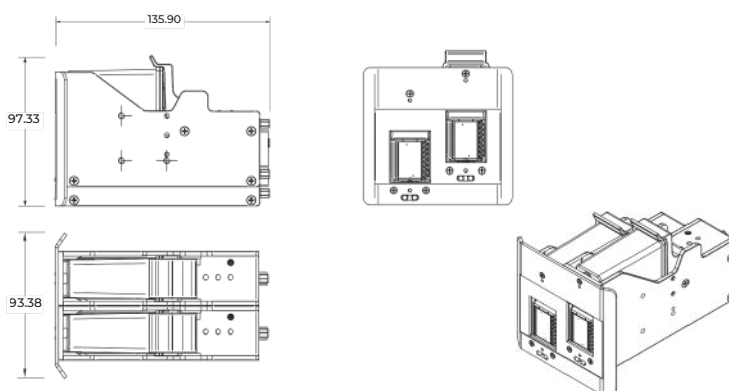
Printing Technology	Brady TIJ
Controller Dimensions	195 x 148 x 51mm
Printhead Dimensions	135.9 x 64.57 x 84.65mm
Controller Weight	1,215g
Print Head Weight	338.79g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 300 x 600 DPI
Print Speed	45m/min @ 300x200 DPI
Density	3 levels
Throw Distance	Up to 10mm
Data Cable	DVI 1.8m Standard

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date - Julian Date - Shiftcode - Image - Database 1 D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 27mm (2 Printheads)
External Connections	- Built in Sensor, DVI Port - External Sensor, Encoder and Alarm Beacon
Template Length	1.5m @ 300x200 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 1.06 inch (27mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45.
Printable Characters	Windows True Fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Types	Solvent Based, Water Based
Operating Environment	Temperature 10 - 40oC, Humidity 40 - 80%, Non-Condensing



R20e Controller



REACHE Printhead (Stitched)

R20e PROe

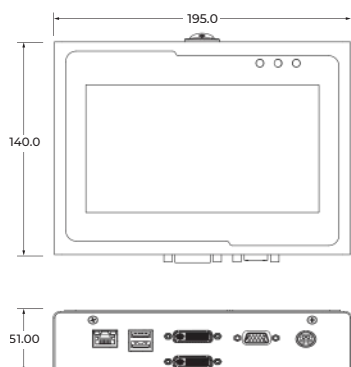


TECHNICAL SPECIFICATIONS

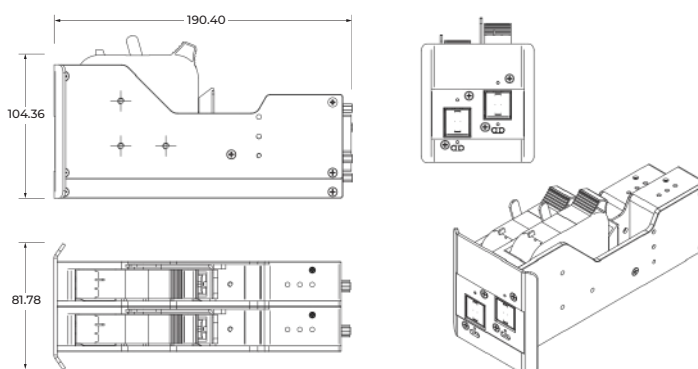
Printing Technology	HP TIJ 2.5
Controller Dimensions	195 x 148 x 51mm
Printhead Dimensions	190.3 x 52.58 x 91.96mm
Controller Weight	1,215g
Print Head Weight	402.97g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 600 x 600 DPI
Print Speed	76m/min @ 300x300 DPI
Density	3 levels
Throw Distance	Up to 5mm
Data Cable	DVI 1.8m Standard

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date - Julian Date - Shiftcode - Image - Database
	1 D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 25.4mm (2 Printheads)
External Connections	- Built in Sensor, DVI Port - External Sensor, Encoder and Alarm Beacon
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 1 inch (25.4mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print Online Data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45.
Printable Characters	Windows True Fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Types	Solvent Based, Water Based, UV Curable
Operating Environment	Temperature 10 - 40°C, Humidity 40 - 80%, Non-Condensing



R20e Controller



PROe Printhead (Stitched)

R20e MAXe

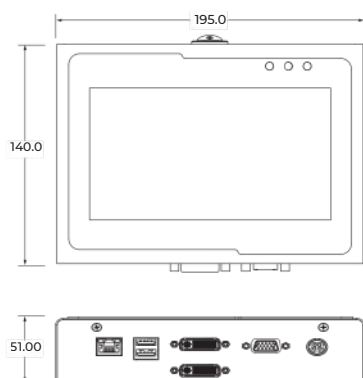


TECHNICAL SPECIFICATIONS

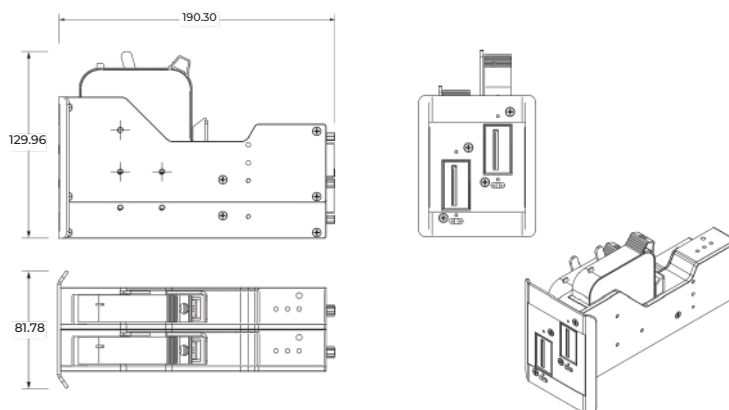
Printing Technology	One-Inch TIJ
Controller Dimensions	195 x 148 x 51mm
Printhead Dimensions	190.4 x 52.58 x 104.96mm
Controller Weight	1,215g
Print Head Weight	390.77g
Display	7" LCD Resistive Touch Screen
Power Supply	DC 24V 2.5A, 60W
Resolutions	Max 300 x 600 DPI
Print Speed	76m/min @ 300x300 DPI
Density	3 levels
Throw Distance	Up to 5mm
Data Cable	DVI 1.8m Standard

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix) - Julian Date - Shiftcode - Image - Database
Printable Height	Maximum 50.8mm (2 Printheads)
External Connections	- Built in Sensor, DVI Port - External Sensor, Encoder and Alarm Beacon
Template Length	1.5m @ 300x300 DPI
Database	TXT, CSV, SQL, SQLite and MySQL
Advance Features	- Free design in template up to 2 inch (50.8mm) - Real-time Printing - WYSIWYG (what you see is what you get) - Data Upload, Backup & Recovery via USB - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45.
Printable Characters	Windows True Fonts
Print Languages (27 Languages)	English (default), Simplified Chinese (PRC), Traditional Chinese (ROC), Czech, Spanish, Greek, Hindi, Hungarian, Hebrew, Farsi, Japanese, Korean, Urdu, Portuguese, Russian, Arabic, Slovak, Thai, Vietnamese, Turkish (and others)
System Languages (33 Languages)	English (default), German, Vietnamese, Korean, Russian, Simplified Chinese, Turkish, Portuguese, Spanish, Polish, Greek, Italian, Hebrew, Thai, French, Traditional Chinese ROC, Arabic, Czech, Dutch, Indonesian, Japanese, Bengali, Bulgarian, Croatian, Albanian, Finnish, Hungarian, Macedonian, Romanian, Serbian, Slovenian, Slovak, Ukrainian
Ink Types	Solvent Based, Water Based
Operating Environment	Temperature 10 - 40oC, Humidity 40 - 80%, Non-Condensing



R20e Controller



MAXe Printhead (Stitched)

Comparison Table

Specifications	R20e PROe	R20e MAXe	R20e REACHE
Printing technology	TIJ 2.5	1 Inch TIJ	Brady TIJ
Controller dimensions	195 × 148 × 51 mm	195 × 148 × 51 mm	195 × 148 × 51 mm
Printhead dimensions	190.4 × 81.78 × 85.6 mm	190.4 × 81.78 × 98.2 mm	135.9 × 93.38 × 86.8 mm
Controller weight	1,215 g	1,215 g	1,215 g
Printhead weight	799 g	786.2 g	647.2 g
Display	7-inch LCD touchscreen	7-inch LCD touchscreen	7-inch LCD touchscreen
Power supply	DC 24V 2.5A, 60W	DC 24V 2.5A, 60W	DC 24V 2.5A, 60W
Resolution	Max 600 DPI	Max 300 DPI	Max 300 DPI
Print speed	Up to 76 m/min at 300 DPI	Up to 76 m/min at 300 DPI	Up to 45 m/min at 300 DPI
Density	3 levels	3 levels	3 levels
Throw distance	Up to 5 mm	Up to 5 mm	Up to 10 mm
Printable height	25.4 mm / 2 heads	50.8 mm / 2 heads	27 mm / 2 heads

Features	Details
Print types	Text, counter, box/lot, date and time, expiry date, Julian date, shift code, image, database, and 1D and 2D barcodes.
Barcode formats	Code 11, Code 39, Code 128, EAN, QR, Datamatrix and GS1 Datamatrix.
External connections	Built-in sensor, external sensor, encoder and alarm beacon.
Template length	1.5 m.
Database formats	TXT, CSV, SQL, SQLite and MySQL.
Template design – all models	Free design in template.
Real-time printing	Supported on all models.
Print preview	WYSIWYG (what you see is what you get).
USB functionality	Data upload, backup and recovery via USB.
Device integration	POD (Print Online Data): integration with other devices, including PLC, camera and checkweigher, via RJ45.
R20e PROe template design	Free design in template up to 25.4 mm / 2 heads.
R20e MAXe template design	Free design in template up to 50.8 mm / 2 heads.
R20e REACHe template design	Free design in template up to 27 mm / 2 heads.
Printable characters	Windows TrueType Fonts.
Print languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic.
System languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others).



R60 Series

10" Controller For 6 High Speed TIJ Printheads

For High Speed and Large Print Height



R60 REACH



TECHNICAL SPECIFICATIONS

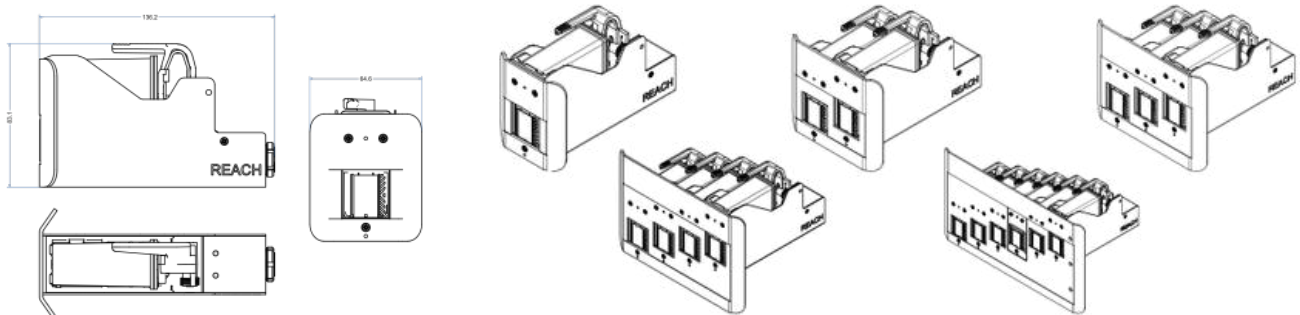
Printing Technology	Funai TIJ
Controller Dimensions	305.6x 200.9 x 64.2 mm
Printhead Dimensions	136.2 x 64.6 x 83.1 mm (1 Printhead) 136.2 x 99.5 x 95.5 mm (2 Printheads) 136.2 x 134.4 x 107.9mm (3 Printheads) 136.2 x 166.7 x 120.2 mm (4 Printheads) 136.2 x 145.1 x 251.3 mm (5 Printheads)
Controller Weight	2750g
Print Head Weight	430g
Display	10" LCD Touch Screen
Power Supply	AC 100V-240V, 50/60Hz, DC 24V 9.2A
Resolutions	Max 300 DPI
Print Speed	Up to 45m/min at 300x200 DPI
Density	3 levels
Throw Distance	Up to 10mm

FEATURES

Wide Range Of Print Types	- Text, Counter - Box/Lot - Datetime - Expiry Date - Julian Date - Shiftcode - Image - Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 81mm / 6 heads
External Connections	External Sensor, Encoder and Alarm beacon
Template Length	Standard 2m, Support up to 10m
Database	TXT, CSV
Advance Features	- Free design in template up to 81mm (6 head) - POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher...) via RJ45 - Real-time Printing - WYSIWYG (what you see is what you get) - Data upload, Backup & Recovery via USB
Printable Characters	Windows true fonts - Free design in template up to 81mm (6 head)
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)

REACH PRINthead COMBINATION

Choice of up to 6 independent printheads



R60 PRO



TECHNICAL SPECIFICATIONS

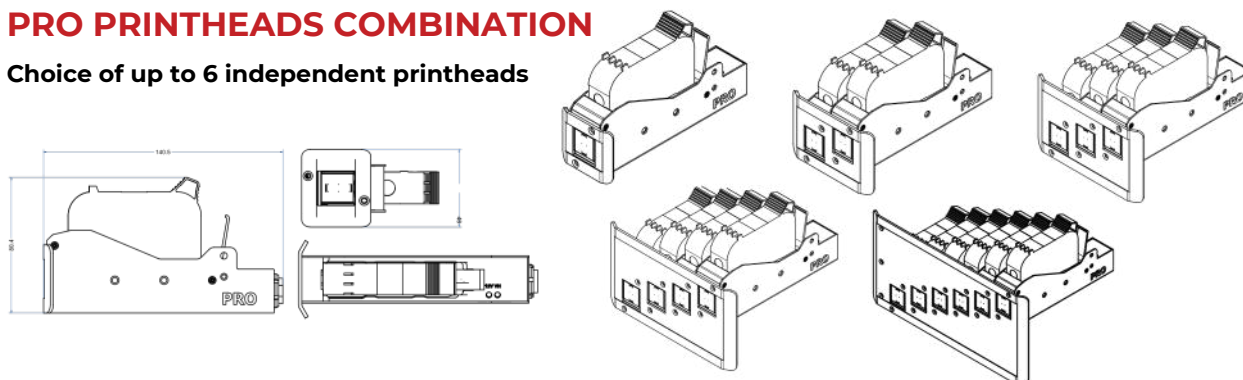
Printing Technology	HP TIJ 2.5
Controller Dimensions	305.6 x 200.9 x 64.2 mm
Printhead Dimensions	140.5 x 46 x 80.4 mm (1 Printhead) 140.5 x 80.7 x 92.8 mm (2 Printheads) 140.5 x 111.9 x 105.2 mm (3 Printheads) 140.5 x 142.9 x 117.6 mm (4 Printheads) 140.5 x 209.9 x 142.7 mm (6 Printheads)
Controller Weight	2,750g
Printhead Weight	234.2g
Display	10" LCD Touch Screen
Power Supply	AC 100V-240V, 50/60Hz, DC 24V 9.2A
Resolution	Max 600 DPI
Print Speed	Up to 76m/min at 300 DPI
Print Density	3 levels
Throw Distance	5mm

FEATURES

Wide Range Of Print Types	• Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database 1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 76.2mm / 6 printheads
External Connections	External Sensor, Encoder and Alarm Beacon
Template Length	1.5m
Database	TXT, CSV
Advanced Features	• Free design in template up to 76.2mm (3-inches) • POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45 • Real-time Printing • WYSIWYG (what you see is what you get) • Data upload, Backup & Recovery via USB
Printable Characters	Windows true fonts - Free design in template up to 76.2mm (3-inches)
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic (and others)
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)

PRO PRINTHEADS COMBINATION

Choice of up to 6 independent printheads



R60 MAX



TECHNICAL SPECIFICATIONS

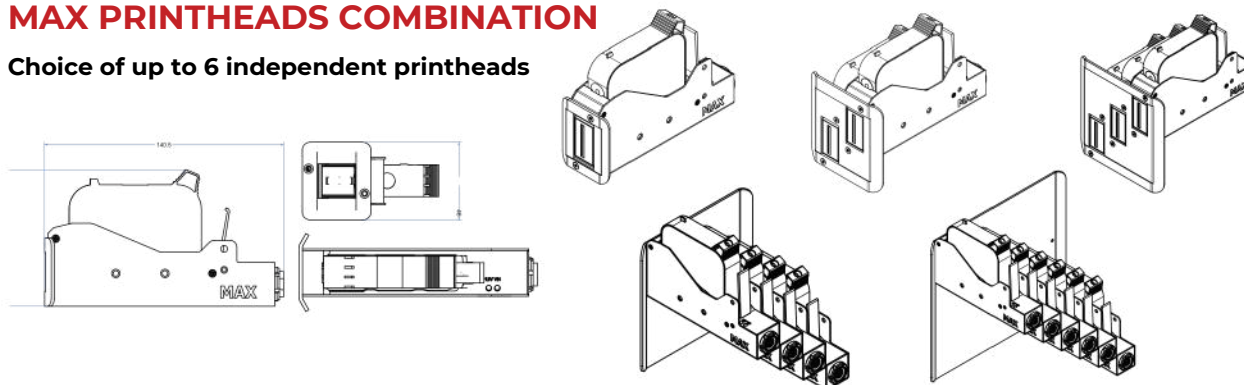
Printing Technology	1-Inch TIJ
Controller Dimensions	305.6x 200.9 x 64.2 mm
Printhead Dimensions	140.5 x 45.9 x 94.5 mm (1 Printhead) 140.5 x 80.8 x 119.5 mm (2 Printheads) 140.5 x 107.8 x 144.3 mm (3 Printheads) 140.5 x 135.8 x 169 mm (4 Printheads) 140.5 x 203.5 x 219.2 mm (6 Printheads)
Controller Weight	2,750g
Print Head Weight	279g
Display	10" LCD Touch Screen
Power Supply	AC 100V–240V, 50/60Hz, DC 24V 9.2A
Resolution	Max 300 DPI
Print Speed	Up to 40m/min at 300 DPI
Print Density	3 levels
Throw Distance	5mm

FEATURES

Wide Range Of Print Types	• Text, Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database
	1D & 2D Barcodes (Code 11, Code 39, Code 128, EAN, QR, Datamatrix, GS1 Datamatrix)
Printable Height	Maximum 152.4mm / 6 printheads
External Connections	External Sensor, Encoder and Alarm Beacon
Template Length	1.5m
Database	TXT, CSV
Advanced Features	• Free design in template up to 152.4 mm (6 Inches) • POD (Print online data) Integrate with other devices (PLC, Camera, Checkweigher) via RJ45 • Real-time Printing • WYSIWYG (what you see is what you get) • Data upload, Backup & Recovery via USB
Printable Characters	Windows true fonts - Free design in template up to 152.4mm (6 Inches)
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic (and others)
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others)

MAX PRINTHEADS COMBINATION

Choice of up to 6 independent printheads



Specifications	R60 PRO	R60 MAX	R60 REACH
Printing technology	TIJ 2.5	1 Inch TIJ	Brady TIJ
Controller dimensions	305.6 × 200.9 × 64.2 mm	305.6 × 200.9 × 64.2 mm	305.6 × 200.9 × 64.2 mm
Printhead dimensions — 1 head	140.5 × 46 × 80.4 mm	140.5 × 45.9 × 94.5 mm	136.2 × 64.6 × 83.1 mm
Printhead dimensions — 2 heads	140.5 × 80.7 × 92.8 mm	140.5 × 80.8 × 119.5 mm	136.2 × 99.5 × 95.5 mm
Printhead dimensions — 3 heads	140.5 × 111.9 × 105.2 mm	140.5 × 107.8 × 144.3 mm	136.2 × 134.4 × 107.9 mm
Printhead dimensions — 4 heads	140.5 × 142.9 × 117.6 mm	140.5 × 135.8 × 169 mm	136.2 × 166.7 × 120.2 mm
Printhead dimensions — 6 heads	140.5 × 209.9 × 142.7 mm	140.5 × 203.5 × 219.2 mm	136.2 × 145.1 × 251.3 mm
Controller weight	2,750 g	2,750 g	2,750 g
Display	10-inch LCD touchscreen	10-inch LCD touchscreen	10-inch LCD touchscreen
Power supply	AC 100–240V, 50/60Hz; DC 24V, 2.5A	AC 100–240V, 50/60Hz; DC 24V, 2.5A	AC 100–240V, 50/60Hz; DC 24V, 2.5A
Resolution	Max 600 DPI	Max 300 DPI	Max 300 DPI
Print speed	Up to 76 m/min at 300 DPI	Up to 76 m/min at 300 DPI	Up to 45 m/min at 300 DPI
Density	3 levels	3 levels	3 levels
Throw distance	Up to 5 mm	Up to 5 mm	Up to 10 mm
Printable height	Max 76.2 mm / 6 heads	Max 76.2 mm / 6 heads*	Max 81 mm / 6 heads

Features	Details
Print types	Text, counter, box/lot, date and time, expiry date, Julian date, shift code, image, database, and 1D and 2D barcodes.
Barcode formats	Code 11, Code 39, Code 128, EAN, QR, Datamatrix and GS1 Datamatrix.
External connections	External sensor, encoder and alarm beacon.
Template length	1.5 m.
Database formats	TXT, CSV, SQL, SQLite and MySQL.
Device integration	POD (Print Online Data): integration with other devices, including PLC, camera and checkweigher, via RJ45.
Real-time printing	Supported on all models.
Print preview	WYSIWYG (what you see is what you get).
USB functionality	Data upload, backup and recovery via USB.
R60 PRO template design	Free design in template up to 76.2 mm (6 heads).
R60 MAX template design	Free design in template up to 152.4 mm (6 heads).*
R60 REACH template design	Free design in template up to 81 mm (6 heads).
Printable characters	Windows TrueType Fonts.
Print languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic.
System languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Turkish, Portuguese, Spanish, Polish, Greek and Italian (and others).



i-TIJ

Ultimate Flexibility



RYNAN I-TIJ

High Resolution Printng. Ultimate Flexability

The RYNAN i-TIJ series is a compact industrial printer engineered for standalone operations with multiple control options via H-MCS, enabling seamless intergrations into diverse production lines with reliable high-speed and high-quality performance.



The RYNAN i-TIJ series delivers speed, quality, and flexibility. Ideal for printing on packaging, QR codes, barcodes, and other industrial applications.

RYNAN I-TIJ

- Compact and mobile design for flexible integration
- Multi-line management via H-MCS software platform
- Seamless integration into existing production lines
- Robust and durable for industrial environments



COMPARISON TABLE

Technical Specifications	i-PRO	i-MAX	i-REACH	i-REACH XL
Printing Technology	TIJ 2.5	1 Inch TIJ	Brady TIJ	Brady TIJ
Product Dimensions	205.5 × 50.4 × 77 mm	205.5 × 50.4 × 77 mm	216.2 × 57 × 92.6 mm	216.2 × 57 × 92.6 mm
Product Weight	506 g	499 g	509 g	509 g
Display	10" HMI LCD screen (optional); remote control via web browser	Same	Same	Same
Power Supply	DC 24V-2.5A 60W	DC 24V-2.5A 60W	DC 24V-2.5A 60W	DC 24V-2.5A 60W
Resolution	Max 600 DPI	Max 300 DPI	Max 300 DPI (Zion); Max 600 DPI (Yellowstone)	Max 300 DPI (Sedona/Denali)
Print Speed	76 m/min	76 m/min	60 m/min	45 m/min
Throw Distance	Up to 5 mm	Up to 5 mm	Up to 10 mm	Up to 10 mm
Density	3 levels	3 levels	3 levels	3 levels
Printable Height	Max 12.7 mm	Max 25.4 mm	Max 13.5 mm (Zion/Yellowstone)	Max 27 mm (Sedona/Denali)
Free Design	Template up to 12.7 mm	Template up to 25.4 mm	Template up to 13.5 mm	Template up to 27 mm

RYNAN I-TIJ

Features	Details — All Models
Wide Range of Print Types	Text • Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database • 1D & 2D Barcodes
Barcode Types	Code 11 • Code 39 • Code 128 • EAN • QR • Datamatrix • GS2 Datamatrix
Connections	Dual built-in internal sensors • Ethernet RJ45 • GX20 • Encoder • Alarm beacon • Input & Output NPN • RS232 • RS485
Template Length	1.5 m
Operating Environment	Temperature: 10–40°C • Humidity: 40–80%, non-condensing
Advanced Features	POD (Print online data); integration with PLC, Camera and Checkweigher via RJ45 • Speed detection with dual sensors
Third-Party Software	Loftware NiceLabel
Print Modes	Continuous mode • Sensor mode • Sensor repeat mode
Printable Characters	Windows TrueType Fonts
Print Languages	English (default) • Vietnamese • Chinese (PRC) • Turkish • Korean • Russian • Japanese • Hebrew • Spanish • Thai • Portuguese • Arabic
System Languages	English (default) • German • Vietnamese • Chinese • Korean • Russian • Portuguese • Spanish • Polish • Greek • Italian • Other languages



PACKTRONIC

EXCELLENCE IN TRACEABILITY

PIEZO PRINTERS

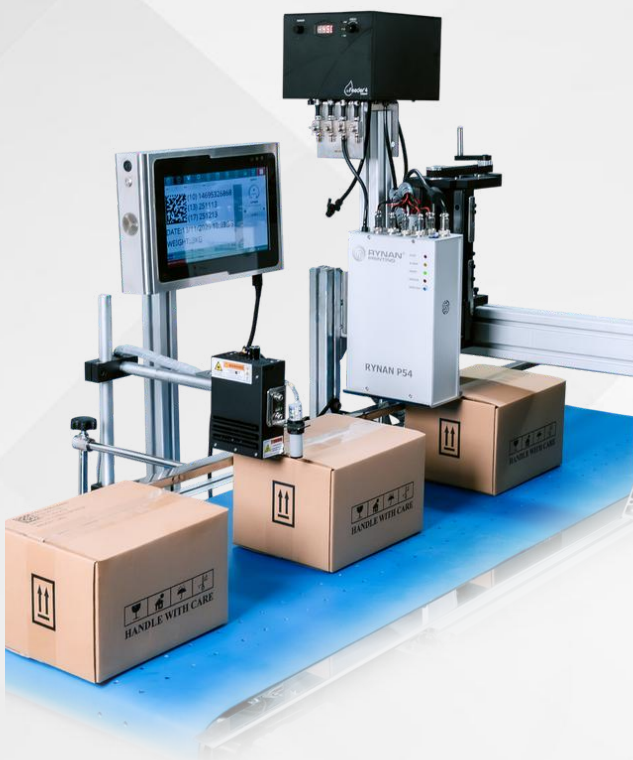


Product Catalogue
Developed by Packtronic (Pty) LTD

RYNAN P54

High Speed Printing, Industrial Reliability

The RYNAN P54 advanced industrial printing system is powered by Ricoh Gen5/Gen6 printheads. It features a separate ink system, with viscosity control heating, proprietary ink, and a flexible design supporting both horizontal and vertical printing. Designed for standalone operation, it offers multiple control options via H-MCS and seamless integration into diverse production systems.



The RYNAN P54 delivers speed, quality, and durability. It is ideal for printing on packaging, QR codes, barcodes, and other industrial applications.

RYNAN P54

- Compact with Ricoh Gen5/Gen6 printheads
- Multi-line management via H-MCS software platform
- Horizontal and vertical printing with lifting mechanism
- Viscosity control with integrated heating



RYNAN P54

Technical Specifications	RYNAN P54
Printing Technology	Piezoelectric Inkjet
Product Dimensions — Controller	224.5 × 76 × 125 mm
Product Dimensions — Ink Supply	125 × 100 × 243 mm
Product Weight — Controller	1,570 g with printhead
Product Weight — Ink Supply	2,335 g without inks
Ink Types	UV-curable inks • Solvent-based inks • Aqueous-based inks
Power Supply	DC 24V-20A 480W
Compatibility	RICOH GEN5 • RICOH GEN6
Density	Gen 5: 5 levels • Gen 6: 3 levels
Throw Distance	Up to 3 mm

RYNAN P54

Features	Details
Wide Range of Print Types	Text • Counter • Box/Lot • Datetime • Expiry Date • Julian Date • Shiftcode • Image • Database • 1D & 2D Barcodes
Barcode Types	Code 11 • Code 39 • Code 128 • EAN • QR • Datamatrix • GS1 Datamatrix
Printable Height	Max 54.1 mm
Connections	2 × USB 2.0 • Ethernet RJ45 • Spare IO (3 Input, 4 Output) • RS232 • RS485
Operating Environment	Temperature: 10–40°C • Humidity: 40–80%, non-condensing
Online Data Printing	POD (Print online data); integration with PLC, Camera and Checkweigher via RJ45
Printing Orientation	Horizontal & vertical printing with lifting mechanism
Ink Viscosity Control	Integrated heating
Messages Capability	8 GB on disk available for use
Rotary Encoder	Yes
Printable Characters	Windows TrueType Fonts
Print Languages	English (default) • Vietnamese • Chinese (PRC) • Turkish • Korean • Russian • Japanese • Hebrew • Spanish • Thai • Portuguese • Arabic
System Languages	English (default) • German • Vietnamese • Chinese • Korean • Russian • Portuguese • Spanish • Polish • Greek • Italian • Other languages



PACKTRONIC

EXCELLENCE IN TRACEABILITY

CONTINUOUS INKJET



Product Catalogue
Developed by Packtronic (Pty) LTD

CIJ PRINTERS



Continuous Ink Jet (CIJ) systems are used to print variable information, such as dates or batch codes, on individual products as they move along the production line - regardless of porosity, size, shape or texture.

Benefits of CIJ printers over other manufacturing printing solutions include:

- Can print on almost any materials - at most speeds, and downward, side on or from underneath/and in any orientation.
- Good printing tolerance – even when surfaces are not flat or still (eg. wobbling bottles), and are 10mm or more away from the printhead.
- Relatively low capital costs & a wide range of inks available – including low evaporation, low taint and a wide spectrum of colors.

LINX 9000 Series

The Linx 9000 Series is a range of reliable industrial continuous inkjet (CIJ) printers designed for high-speed production environments. These printers produce clear, consistent codes on materials such as plastic, glass, metal, cartons, cables and flexible packaging.

Ideal for printing batch numbers, expiry dates, product codes, logos and barcodes, the Linx 9000 Series offers easy operation, reduced maintenance and dependable performance.

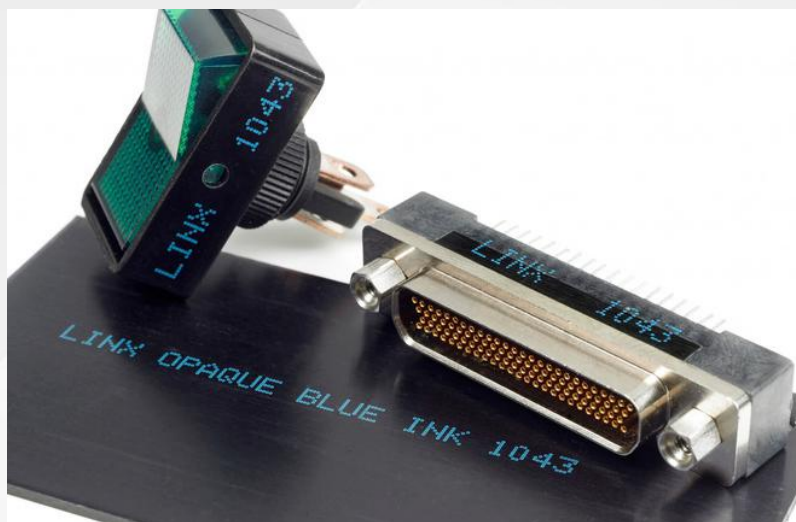
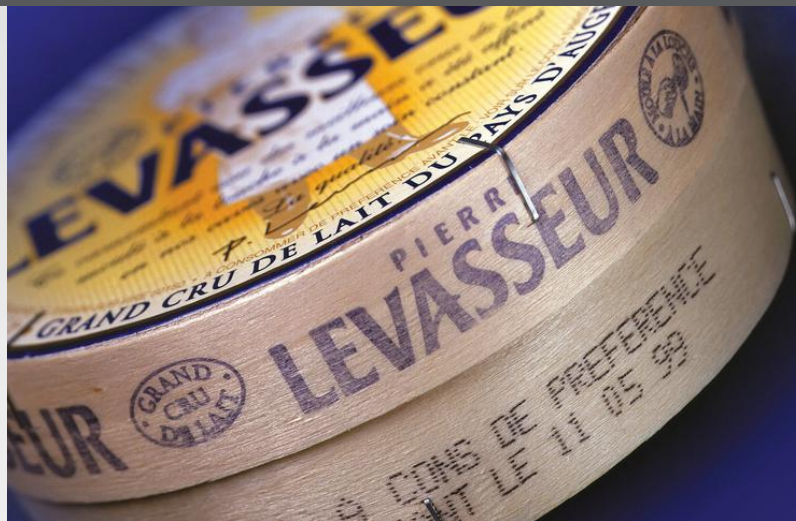
Key features:

- High-speed, non-contact printing
- Prints up to six lines of text
- Clear text, numbers, logos and barcodes
- Large, user-friendly touchscreen
- IP55 or IP65-rated stainless-steel enclosure
- Extended service intervals on selected models
- Automatic printhead cleaning
- Fast start-up and shutdown
- Low ink and solvent consumption
- Remote monitoring with Linx PrinterNet
- Wide range of inks for different applications



Exclusive to LINX CIJ printers - Linx PrinterNet enables you to remotely access your Linx printers to control them, anytime, anywhere - keeping you connected to your line. Ask one of our sales representatives for more information.





Linx 9000 Series

9810 | 9920 | 9930 | 9940 | 9940 Spectrum

9900 | 9910 | 9920 | 9940 | 9940 Spectrum

Eliminate unplanned downtime



Automatic printhead cleaning

Linx SureClean® wash station

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.



Never forget to clean

Customisable maintenance reminders

Reduce unplanned stoppages and improve print quality by scheduling maintenance with customisable printhead cleaning alerts.



Trouble-free restarts after power loss

Linx PrintProtect® battery backup

Eliminate delayed restarts with built-in power loss protection. The battery backup allows up to 3 minutes of continued printing, followed by a full shutdown if power isn't restored, ensuring the printer is ready on startup.

Maximise changeover efficiency



Fast line changes

Linx PrintProtect® battery

Save production time by moving the printer without stopping the jet. The Linx PrintProtect battery allows up to 9 minutes to relocate the printer and resume printing immediately.



Error-free messages from external devices

Linx Message Studio™ and QuickSwitch®

Create, edit and change messages from a PC with Linx Message Studio. Change messages in real-time from external production devices or a barcode scanner using Linx QuickSwitch, for fast changeovers and no errors.



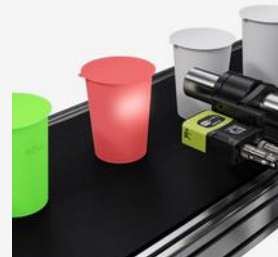


Every code present and correct

Eliminate rework and rejects

Linx Iris[®] vision system

Check every code as it's printed; check presence, position, characters and quality to prevent rework and rejects. The Linx Iris vision system is easy to set up and use, no external power or laptop needed, simply connect the two cables directly to the printer.



Simple to use for any operator

Intuitive user interface

Change the language in seconds to prevent operator errors. Customise the home screen with frequently used functions and restrict access with a supervisor lock.



GS1[®] Ready

Unique GS1 code builder

Create error-free GS1-compliant Data Matrix codes using the Linx 9000 Series' mistake-proof, step-by-step GS1 code builder tool on the printer interface.

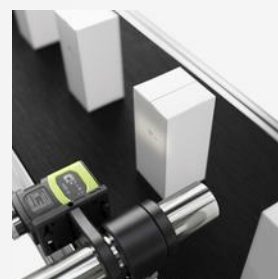


Reduce running costs

Use 48% less ink

50 micron printhead

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



42% solvent reduction

Active Airflow Control technology

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



Linx **9800** Series

9810 | 9820 | 9830 | 9840 | 9840 Spectrum

Product Overview



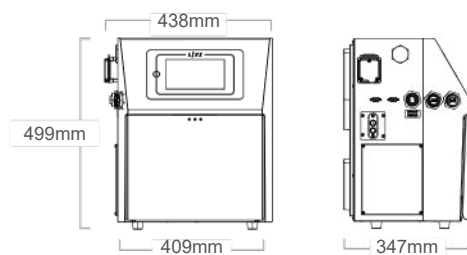
9800 Series

9810 | 9820 | 9830 | 9840 | 9840Spectrum

Technical Specifications

FRONT ELEVATION

SIDE ELEVATION



	LINX 9810	LINX 9820	LINX 9830	LINX 9840	LINX 9840 SPECTRUM
LINES OF PRINT	Up to 2	Up to 3		Up to 6	
AVAILABLE NOZZLE SIZES	62 µm	50 µm, 62 µm, 75 µm			
CHARACTER HEIGHT MAXIMUM	1.8 to 9mm	1.2 to 20.1mm	1.2 to 20.1mm	1.2 to 20.1mm	1.2 to 17mm
SPEED - SINGLE LINE PRINT (5 DOT HIGH)	2.92 m/s	7.28 m/s	7.28 m/s	9.10 m/s Super-fast tower print 10 m/s	9.10 m/s Super-fast tower print 10 m/s
MAXIMUM SPEED - TWO LINE PRINT (7 DOT HIGH)	1.46 m/s	2.46 m/s	2.46 m/s	2.65 m/s	2.65 m/s
PRINthead	2m conduit	2m conduit. 4m conduit (option), 90° printhead (option), Positive Air (option for dusty environments), Air dryer (option for humid environments)			
SERVICING OPTIONS	Self-service or engineer visit				Engineer visit only
EASI-CHANGE®MODULE SERVICE INTERVAL:	up to 12 months (6,000 hours)*	up to 12 months (6,000 hours) – dye-based inks, soft pigmented inks*	up to 12 months (9,000 hours) – dye-based inks, up to 12 months (6,000 hours) – soft pigmented inks	up to 18 months (13,000 hours) – dye-based inks, up to 12 months (6,000 hours) – soft pigmented inks	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 (option), refer to Linx Iris Technical Specifications				
LINX SURECLEAN® PRINthead WASH STATION	Compatible with all models (option), refer to Linx SureClean Technical Specifications				
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			
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 reverse 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)				
	Dye-based blacks and colours	Dye-based and soft pigmented, blacks and colours			Hard pigmented white and colours
		Active Airflow Control for lower solvent consumption and reduced emissions (option)			
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	Stainless Steel				
ENVIRONMENTAL PROTECTION RATING	IP55				
OPERATING TEMPERATURE RANGE	5-45°C (0-50°C for Linx 1240 ink type)				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	21.1kg (including fluids and 2m printhead)				23kg (including fluids and 2m printhead)
REGULATORY APPROVALS	GS CE UL CAN/CSA FCC BIS				

*Dependent on printhead nozzle size

See printer brochure for more details on the wide range of printing capabilities available

Linx 9900 Series

9900 | 9910 | 9920 | 9940 | 9940 Spectrum

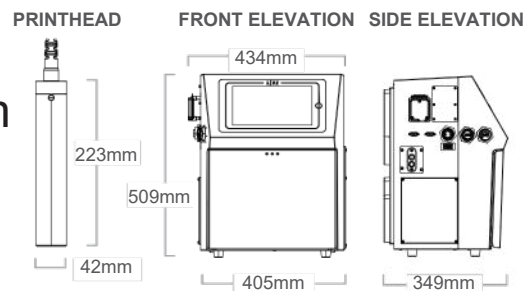
Product Overview



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		
AVAILABLE NOZZLE SIZES	62 µm, 75 µm	50 µm, 62 µm, 75 µm			
CHARACTER HEIGHT	1.8 to 10.7mm	1.2 to 20mm	1.2 to 20mm	1.2 to 20mm	1.2 to 17mm
MAXIMUM SPEED - SINGLE LINE PRINT (5 DOT HIGH)	2.83 m/s	7.28m/s	7.28m/s	9.10 m/s Super-fast tower print 10 m/s.	9.10 m/s Super-fast tower print 10 m/s
MAXIMUM SPEED - TWO LINE PRINT (7 DOT HIGH)	1.41 m/s	2.09 m/s	2.46 m/s	2.65 m/s	2.56 m/s
PRINTHEAD	2m conduit. 4m conduit (option), 6m conduit (option (not available on MK11 Mini or 9940 Spectrum), 90° printhead (option), Hydrogen Peroxide resistant conduit (option), Positive Air (option for dusty environments), Air dryer (option for humid environments)				
SERVICING OPTIONS	Self-service or engineer visit				
EASI-CHANGE® MODULE SERVICE INTERVAL:	up to 18 months (13,000 hours) – dye-based inks, up to 12 months (6,000 hours) – soft pigmented inks	up to 24 months (17,400 hours) – dye-based inks, up to 12 months (6,000 hours) – soft pigmented inks			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 (option), refer to Linx Iris Technical Specifications				
LINX SURECLEAN® PRINTHEAD 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				
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				
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 reverse printing (option)		Dynamic orientation and reverse printing		
			Sequential text		
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)				
	Dye based and soft pigmented, blacks and colours				Hard pigmented white and colours
		Active Airflow Control for lower solvent consumption and reduced emissions (option (not available on 6m printheads))			
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: RS232, Parallel I/O, Mains driven alarm, Multi-stage Alarm output				
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				

*Dependent on printhead nozzle size

See printer brochure for more details on the wide range of printing capabilities available

9000 Series Linx Printhead



Reliable by design

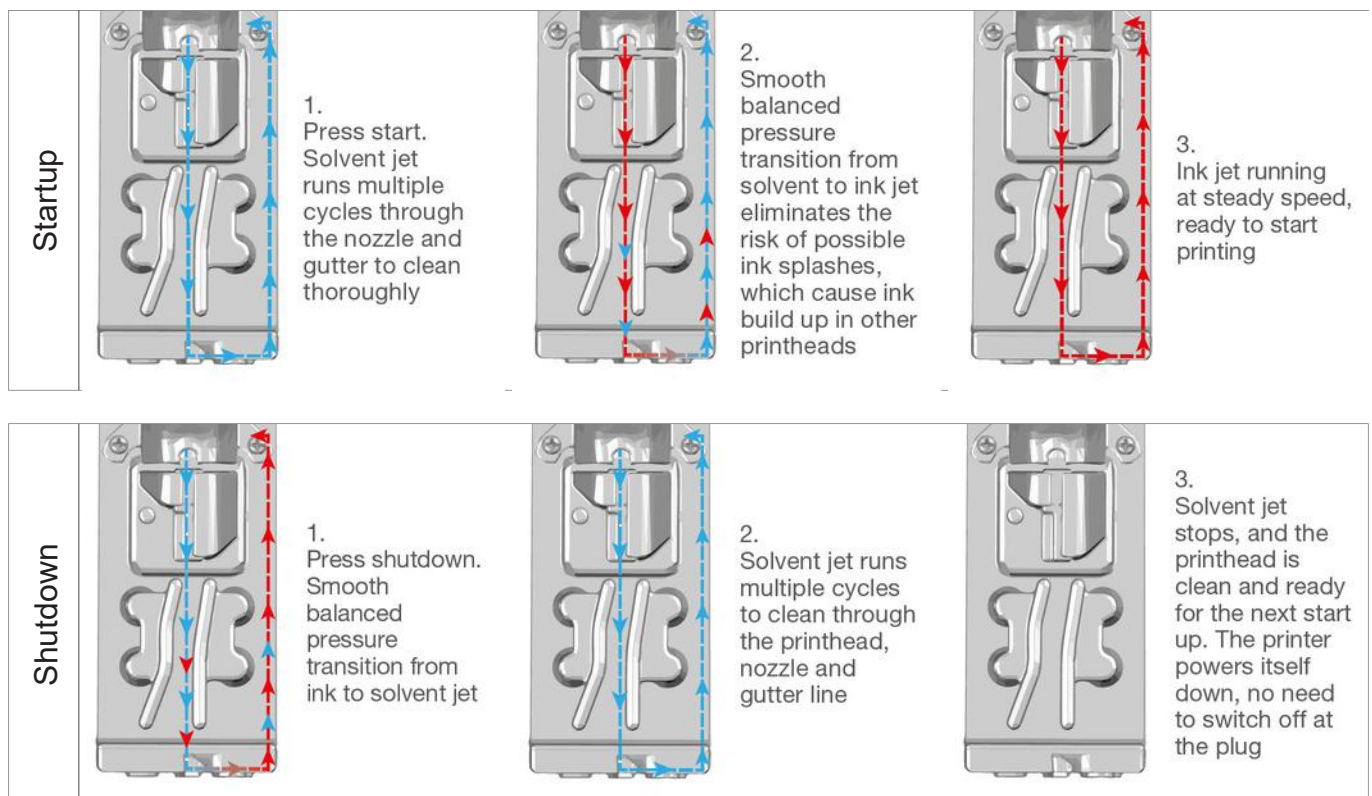
Linx 9000 Series MK11 Printhead

The Linx CIJ printhead is designed to take care of itself by reducing hands-on intervention, risk of damage and unexpected interruptions; as a result, it helps to eliminate some of the most common causes of unplanned downtime to maintain production flow. Furthermore, its robust design and high quality construction give you added confidence in long-term performance, which is why every Linx printhead is backed by a 3-year warranty as standard.

Built-in automatic cleaning

AutoFlush cycle

Automatically prevent blockages at every startup and shutdown; the unique Linx AutoFlush cleaning routine automatically cleans the printhead nozzle and gutter line from the inside, to prevent ink buildup and eliminate unplanned downtime. It uses no additional solvent, great for you and the environment.



Watch how AutoFlush works

■ Solvent
 ■ Smooth Transition
 ■ Ink

No printhead damage

The most robust printhead

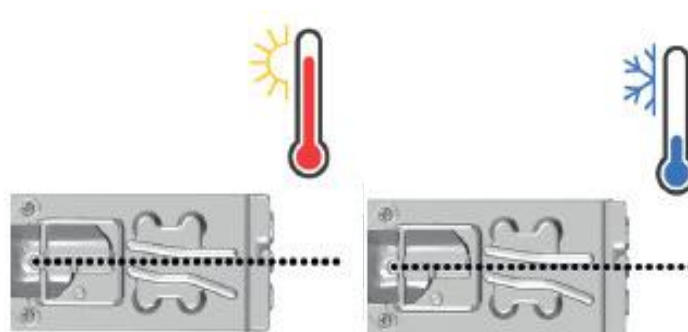
Sealed critical components protect against liquids and harsh environments, with a robust cover tube for added impact protection. The internal parts require no adjustment or replacement, no complicated nozzle changes, and curved plates reduce charge concentration and ink build-up.



Clear and legible print

Automatic sensing

The printhead automatically senses changing environmental conditions, allowing the system to make instant adjustments for consistent print quality.



No manual cleaning

Clean, thorough, safe

Protect your printhead and operators with the Linx SureClean® automatic wash station, preventing downtime caused by ink build-up. 11 jets clean the critical components, and a built-in fan dries the head for immediate restarts. Operators can achieve a thorough, safe clean in 5 minutes—with no training or contact with cleaning fluids.



Suitable for any application

Mounting and conduit options

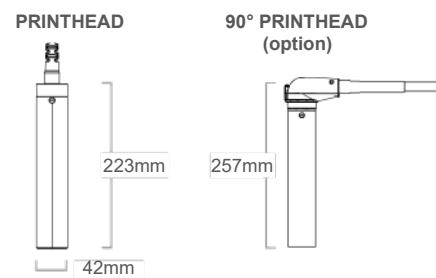
Mount the Linx printhead easily in any direction, without losing print quality, with the range of Linx printhead mounting accessories. Easily mount the Linx Iris vision camera and sensors directly to the printhead cover tube. Choose from three conduit lengths, hydrogen peroxide resistant option or a right angled printhead, ideal for confined spaces.



Linx 9000 Series

MK11 Printhead

Technical Specifications



PRINTHEAD		Unique AutoFlush automatic printhead flushing and conduit clearing	
		2m conduit. 4m conduit (option), 6m conduit (option (not available on MK11 Mini printhead)). 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)	
		3-year printhead warranty as standard	
LINX SURECLEAN® WASH STATION		Compatible with all straight printheads (option)	
LINES OF PRINT		Up to 6	
MK11 MINI PRINTHEAD (50 µm)			
CHARACTER HEIGHT RANGE		1.2mm to 11.2mm	
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)	6.28 m/s (0.43mm drop pitch)	
	TWO LINE PRINT (7 DOT HIGH)	2.44 m/s (0.43mm drop pitch)	
MK11 MIDI PRINTHEAD (62 µm)			
CHARACTER HEIGHT RANGE		1.8 to 20mm	
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)	7.50 m/s (0.47mm drop pitch)	
	TWO LINE PRINT (7 DOT HIGH)	2.65 m/s (0.43mm drop pitch)	
MK11 MIDI PLUS PRINTHEAD (75 µm)			
CHARACTER HEIGHT RANGE		2.1 to 20mm	
MAXIMUM SPEED	ONE LINE PRINT (5 DOT HIGH)	9.10 m/s (0.57mm drop pitch)	
	TWO LINE PRINT (7 DOT HIGH)	2.56 m/s (0.52mm drop pitch)	
	SUPER-FAST TOWER PRINT (5 DOT HIGH)	10 m/s (0.63mm drop pitch)	
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, multiple number ranges, alphanumeric sequencing)	
		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	
		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		Dye based black and colours, soft pigmented colours, hard pigmented white and colours	

Refer to product Technical Specifications for the print capabilities and options for each 9000 Series printer model



PACKTRONIC

EXCELLENCE IN TRACEABILITY

THERMAL TRANSFER OVERPRINTING



Product Catalogue

Developed by Packtronic (Pty) LTD

TTO PRINTERS



Our range of thermal transfer overprinters (TTO) provide an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

This includes printing onto plastics, film packaging, labels, gloss card, and other flexible materials requiring consistent, error-free best-before dates, batch codes, barcodes, ingredients, logos, and other product information.

TTO Printer features & benefits:

- Operates without compressed air reducing installation and operating costs while maintaining consistent print quality.
- Large range of ribbons to better meet your application and production line printing needs.
- Optimised ribbon usage with bi-directional stepper motors delivering more prints per ribbon.
- Lightweight, simple, push-button ribbon cassette system for quick and easy ribbon changes.
- Optimal number of user-maintainable parts that are easy to replace.
- Easy to set and maintain print quality with electronic pressure control.
- Simple cassette system minimises errors during ribbon replacements.
- Easy to use colour touch screen - fewer errors and hassle-free operation.

LINX TT500

The Linx TT 500 is a simple printer designed for printing onto flexible materials including bags, pouches, labels and flow wrap, ideal when coding areas up to **32mm x 100mm**.

LINX TT750

The Linx TT 750 is a simple printer designed for printing onto flexible materials including bags, pouches, labels and flow wrap, ideal when coding areas up to **53mm x 200mm**.

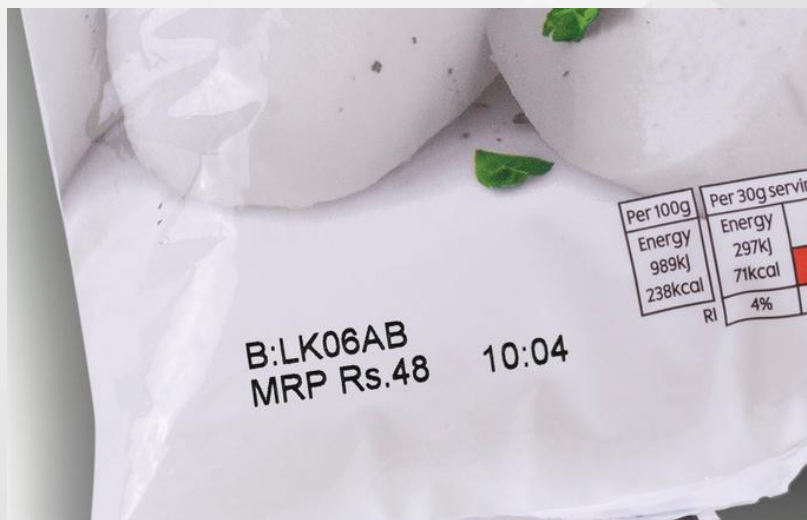
LINX TT1000

The Linx TT 1000 is a simple printer designed for printing onto flexible materials including bags, pouches, labels and flow wrap, ideal when coding areas up to **107mm x 300mm**.

Packtronic supplies a wide range of TTO printer ribbons at affordable prices. Speak to one of our sales representatives and ensure you receive the best quality ribbons we recommend for your LINX printers.

TTO print examples:





LINX TT 500 PRINTER



The Linx TT Series of thermal transfer overprinters provides an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

Designed to deliver a low total cost of ownership and increase your production line output, the Linx TT Series printers are particularly suitable for printing consistent, error free best before dates, batch codes, barcodes, ingredients, logos and other product information.

With an advanced motor drive, enabling operation without compressed air, the Linx TT Series printers print up to 1000 mm/s at widths up to 107mm.



Low total cost of ownership

- ✓ **Operates without compressed air** reducing installation and operating costs while maintaining consistent print quality.
- ✓ **Increased range of printers and ribbons** to better meet your application and production line printing needs.
- ✓ **Optimize ribbon usage** with bi-directional stepper motors delivering more prints per ribbon.



Increased uptime

- ✓ **Quick and easy ribbon change** with a lightweight, simple, push button cassette system.
- ✓ **Minimal ribbon change intervals and increased production line efficiency** with ribbon lengths up to 700m.
- ✓ **Optimal number of user maintainable parts** that are easy to replace.



Ease of use

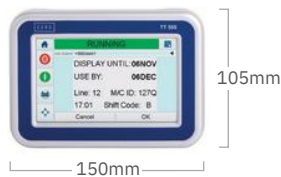
- ✓ **Easy to set and maintain print quality** with electronic pressure control.
- ✓ **Easy ribbon replacements** with a simple cassette system designed to minimize errors.
- ✓ **Easy printer operation** delivered by a responsive, intuitive graphic user interface.

Linx TT 500

CONTROLLER TOP ELEVATION



CONTROLLER FRONT ELEVATION



PRINTER



RIBBON CASSETTE



Technical Specification

PERFORMANCE

Intermittent and continuous mode in the same printer.

Printhead characteristics:

32mm, 200dpi, 8 dots/mm

Print area - intermittent motion mode:

Up to 32mm (W) x 47mm (L)

Print area - continuous motion mode:

Up to 32mm (W) x 100mm (L)

Maximum throughput*:

150 prints per minute

Ribbon width:

20mm - 33mm

Maximum ribbon length:

700m

Print speed* - intermittent motion mode:

50mm/sec - 300mm/sec

Print speed* - continuous motion mode:

40mm/sec - 500mm/sec

Cable length between printer and power supply

unit: 3 metres (5m option)

GENERAL FEATURES

5.0" WVGA (800x480) LCD touch screen graphic user interface including WYSIWYG print preview.

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection.

Lightweight, simple, push button cassette design.

On-board diagnostics including printhead health.

3 levels of password protection.

Multiple operator languages.

*Print speeds and throughput are substrate, application and set-up dependent.

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software.

Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support).

Barcodes EAN-8, EAN-13, UPC-A, UPC-E and QR

Fixed/variable text and numeric fields.

User enterable text and numeric fields.

Auto incrementing/decrementing text, counters and barcodes.

Basic shape drawing.

Flexible date/time formats.

Auto best before date calculation .

Formats for shift coding.

Multiple graphic formats supported - any size up to maximum print area.

Link fields to databases.

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing.

Real time clock functions.

User configurable drop down lists fields.

Radial ribbon save functionality.

MOUNTING OPTIONS

Universal bracket system for integrating printer into intermittent and continuous motion packaging machinery.

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink.

Range of colours, lengths and widths.

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):
2 PNP inputs.

External outputs (fully software configurable):
2 relay outputs and 2 PNP +24v outputs
RS232.

Ethernet.

USB memory stick support.

Binary and ASCII communications.

Host PC Mode (remote database) using CLARINET® (option).

Claricom CLARINET® coder independent network management software (option).

Link up to four TT 500 printers to a single user interface.

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz, 2A

Operating temperature: 0° - 40°C

REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



LINX TT 750 PRINTER



The Linx TT Series of thermal transfer overprinters provides an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

Designed to deliver a low total cost of ownership and increase your production line output, the Linx TT Series printers are particularly suitable for printing consistent, error-free best before dates, batch codes, barcodes, ingredients, logos, and other product information.

With an advanced motor drive, enabling operation without compressed air, the Linx TT Series printers print up to 1000 mm/s at widths up to 107mm.



Low total cost of ownership

- ✓ **Operates without compressed air** reducing installation and operating costs while maintaining consistent print quality.
- ✓ **Increased range of printers and ribbons** to better meet your application and production line printing needs.
- ✓ **Optimise ribbon usage** with a choice of 3 ribbon saving modes.



Increased uptime

- ✓ **Quick and easy ribbon change** with a lightweight, simple, push button cassette system.
- ✓ **Minimal ribbon change intervals and increased production line efficiency** with ribbon lengths up to 1,200m.
- ✓ **Optimal number of user maintainable parts** that are easy to replace.



Ease of use

- ✓ **Easy to set and maintain print quality** with electronic pressure control.
- ✓ **Easy ribbon replacements** with a simple cassette system designed to minimize errors.
- ✓ **Easy printer operation** delivered by a responsive, intuitive graphic user interface.

Linx TT 750

CONTROLLER TOP ELEVATION



CONTROLLER FRONT ELEVATION



PRINTER



RIBBON CASSETTE



Technical Specification

PERFORMANCE

Intermittent and continuous mode in the same printer.

Printhead characteristics:

32mm, 300dpi, 12 dots/mm;
53mm, 300dpi, 12 dots/mm

Print area - intermittent motion mode:

Up to 32mm (W) x 75mm (L) (32mm)
Up to 53mm (W) x 75mm (L) (53mm)

Print area - continuous motion mode:

Up to 32mm (W) x 200mm (L) (32mm)
Up to 53mm (W) x 200mm (L) (53mm)

Maximum throughput*:

250 prints per minute

Ribbon width:

20mm - 35mm (32mm)
20mm - 55mm (53mm)

Maximum ribbon length:

Up to 1200m

Ribbon gap between messages:

0.5mm nominal

Print speed* - intermittent motion mode:

Minimum: 40mm/sec full print quality;
10mm/sec draft mode print quality

Maximum: 750mm/sec

Print speed* - continuous motion mode:

Minimum: 40mm/sec full print quality;
1mm/sec draft mode print quality

Maximum: 750mm/sec

Cable length between printer and power supply

unit: 3 metres (5m option)

GENERAL FEATURES

8.0" WVGA (800x480) LCD touch screen graphic user interface including WYSIWYG print preview.

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection.

Lightweight, simple, push button cassette design.

On-board diagnostics including printhead health.

3 levels of password protection.

Multiple operator languages.

*Print speeds and throughput are substrate, application and set-up dependent.

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software.

Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support).

Barcodes EAN-8, EAN-13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix, QR, RSS (including 2D composite codes).

Fixed/variable/merged text and numeric fields.

User-enterable text and numeric fields.

Auto incrementing/decrementing text, counters and barcodes.

Basic shape drawing.

Flexible date/time formats.

Auto best-before-date calculation.

Formats for shift coding.

Multiple graphic formats supported - any size up to maximum print area.

Link fields to databases.

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing.

Real-time clock functions.

User configurable drop-down lists fields.

Radial, intermittent stripes, and interleaved images ribbon save functionality.

MOUNTING OPTIONS

Universal bracket system for integrating printer into intermittent and continuous motion packaging machinery.

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink.

Range of colours, lengths and widths.

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):
3 PNP inputs.

External outputs (fully software configurable):
2 relay outputs and 2 PNP +24v outputs
RS232

Ethernet.

USB memory stick support.

Binary and ASCII communications.

Host PC Mode (remote database) using CLARiNET® (option)

Claricom CLARiNET® coder independent network management software (option)

Link up to four TT 750 printers to a single user interface.

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required.

Humidity range: 85% max.

Power supply: 100 - 240VAC, 50/60Hz.

Operating temperature: 0° - 40°C.

REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



Linx TT series

Ideal for coding onto flexible packaging



LINX TT 1000 PRINTER



The Linx TT Series of thermal transfer overprinters provides an ideal printing solution onto flexible packaging across a wide variety of industrial applications.

Designed to deliver a low total cost of ownership and increase your production line output, the Linx TT Series printers are particularly suitable for printing consistent, error free best before dates, batch codes, barcodes, ingredients, logos and other product information.

With an advanced motor drive, enabling operation without compressed air, the Linx TT Series printers print up to 1000 mm/s at widths up to 107mm.



Low total cost of ownership

- ✓ **Operates without compressed air** reducing installation and operating costs while maintaining consistent print quality.
- ✓ **Increased range of printers and ribbons** to better meet your application and production line printing needs.
- ✓ **Optimise ribbon usage** with a choice of 3 ribbon saving modes.



Increased uptime

- ✓ **Quick and easy ribbon change** with a lightweight, simple, push button cassette system.
- ✓ **Minimal ribbon change intervals and increased production line efficiency** with ribbon lengths up to 1,200m.
- ✓ **Optimal number of user maintainable parts** that are easy to replace.



Ease of use

- ✓ **Easy to set and maintain print quality** with electronic pressure control.
- ✓ **Easy ribbon replacements** with a simple cassette system designed to minimize errors.
- ✓ **Easy printer operation** delivered by a responsive, intuitive graphic user interface.

Linx TT 1000

CONTROLLER TOP ELEVATION



CONTROLLER FRONT ELEVATION



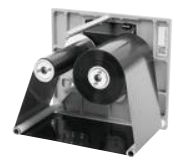
PRINTER 53MM



PRINTER 107MM



RIBBON CASSETTE



Technical Specification

PERFORMANCE

Intermittent and continuous mode in the same printer.

Printhead characteristics:

53mm, 300dpi, 12 dots/mm;
107mm, 300dpi, 12 dots/mm

Print area - intermittent motion mode:

Up to 53mm (W) x 75mm (L) (53mm)
Up to 107mm (W) x 75mm (L) (107mm)

Print area - continuous motion mode:

Up to 53mm (W) x 300mm (L) (53mm)
Up to 107mm (W) x 300mm (L) (107mm)

Maximum throughput*:

Up to 700 prints per minute (53mm)
Up to 450 prints per minute (107mm)

Ribbon width:

20mm - 55mm (53mm)
55mm - 110mm (107mm)

Maximum ribbon length:

1200m

Ribbon gap between messages:

0.5mm nominal

Print speed* - intermittent motion mode:

10mm/sec - 800mm/sec (53mm)
10mm/sec - 600mm/sec (107mm)

Print speed* - continuous motion mode:

1mm/sec - 1000mm/sec (53mm)
1mm/sec - 1000mm/sec (107mm)

Cable length between printer and power supply.

unit: 3 metres (5m option)

GENERAL FEATURES

8.0" WVGA (800x480) LCD touch screen graphic user interface including WYSIWYG print preview.

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection.

Lightweight, simple, push button cassette design.

On-board diagnostics including printhead health.

3 levels of password protection.

Multiple operator languages.

*Print speeds and throughput are substrate, application and set-up dependent.

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software.

Full downloadable font support for Windows® TrueType® (including multiple languages and Unicode support).

Barcodes EAN-8, EAN-13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix, QR, RSS (including 2D composite codes).

Fixed/variable/merged text and numeric fields.

User enterable text and numeric fields.

Auto incrementing/decrementing text, counters and barcodes.

Basic shape drawing.

Flexible date/time formats.

Auto best before date calculation.

Formats for shift coding.

Multiple graphic formats supported - any size up to maximum print area.

Link fields to databases.

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing.

Real time clock functions.

User configurable drop down lists fields.

Radial, intermittent stripes and interleaved images ribbon save functionality.

MOUNTING OPTIONS

Universal bracket system for integrating printer into intermittent and continuous motion packaging machinery.

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink.

Range of colours, lengths and widths.

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):
3 PNP inputs.

External outputs (fully software configurable):
2 relay outputs and 2 PNP +24v outputs
RS232.

Ethernet.

USB memory stick support.

Binary and ASCII communications.

Host PC Mode (remote database) using CLARINET® (option).

Claricom CLARINET® coder independent network management software (option).

Link up to four TT 1000 printers to a single user interface.

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz

Operating temperature: 0° - 40°C

REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



Linx TT series

Ideal for coding onto flexible packaging



Comparison Table

Features	TT500	TT750	TT1000
Printhead width options	32 mm	32 mm or 53 mm	53 mm or 107 mm
Print resolution	200 dpi	300 dpi	300 dpi
Maximum print area — intermittent mode (W × L)	32 × 47 mm	32 × 75 mm or 53 × 75 mm	53 × 75 mm or 107 × 75 mm
Maximum print area — continuous mode (W × L)	32 × 100 mm	32 × 200 mm or 53 × 200 mm	53 × 300 mm or 107 × 300 mm
Maximum prints per minute	150	250	700 with 53 mm head; 450 with 107 mm head
Print speed — intermittent mode	50–300 mm/sec	40–750 mm/sec	10–800 mm/sec with 53 mm head; 10–600 mm/sec with 107 mm head
Print speed — continuous mode	40–500 mm/sec	40–750 mm/sec	1–1,000 mm/sec
Maximum ribbon length	700 m	1,200 m	1,200 m
Ribbon widths	20–33 mm	20–35 mm with 32 mm head; 20–55 mm with 53 mm head	20–55 mm with 53 mm head; 55–110 mm with 107 mm head
Touchscreen size	5-inch colour touchscreen	8-inch colour touchscreen	8-inch colour touchscreen
Printing modes	Intermittent and continuous	Intermittent and continuous	Intermittent and continuous
Compressed air required	No	No	No



PACKTRONIC

EXCELLENCE IN TRACEABILITY

LASER CODING PRINTERS



Product Catalogue
Developed by Packtronic (Pty) LTD

LINX LASER CODERS



Linx laser marking machines and coding systems are ideal for high print volumes - such as food, drink, and pharmaceutical products - while providing permanent traceability.

Linx laser coders offer any orientation coding alongside full touch-screen control, low maintenance costs and zero consumables, providing an affordable and effective solution.

Benefits of Laser Coders over other manufacturing printing solutions include:

- Zero consumables.
- Full touch-screen control.
- Low maintenance.
- Any-orientation 3-axis coding.
- Static marking capability.
- Code logos, barcodes, data matrix & more.



SL3

The Linx SL3 Laser Coder is affordable, enabled by a single laser coding unit with flexible configurations to meet your needs.

Simple to install and easy to maintain, the Linx SL3 provides an ideal marking solution onto a wide range of products.

With its IP54 rated enclosure and proven laser technology, the Linx SL3 operates reliably in manufacturing environments, maximizing production output.



CSL10

The Linx CSL10 is a high specification, 10 W CO2 scribing laser coder. Designed to be economical yet versatile, it is suitable for a wide range of laser marking applications.

Produces complex variable codes and dynamic messages, even on high speed lines for quality coding on a wide range of materials. With a detachable marking head and connectors for easy installation.



CSL30

The Linx CSL30 laser coder produces sharp codes on fast lines, and even on hard-to-mark materials such as glass and rubber.

It's been designed to keep up with your coding requirements as they change - line speed, code complexity, or material types - with no additional investment needed.



CSL60

The Linx CSL60 Laser System marks complex codes at a high resolution onto high-speed lines.

The 60 W laser power combined with a powerful processor allows coding onto hard to mark materials such as glass and rubber.

Full system IP65 rating makes it a reliable coding solution for harsh production environments such as beverage, automotive or extrusion.

LINX SL3 LASER CODER



Affordable

- ✓ **Compact, complete laser coder in a single unit**
that meets your coding needs at an affordable price.
- ✓ **Operates without any consumables**
to minimize your running costs.
- ✓ **Flexible user interface**
options to control your laser.



Robust

- ✓ **IP54 stainless steel and anodized aluminum enclosure**
to withstand your manufacturing environment.
- ✓ **Established and proven laser tube and marking head technology**
provide reliability and confidence.
- ✓ **Operates without interconnections**
improving laser reliability through eliminating possibilities of interconnection failure or damage.



Simple

- ✓ **Multiple mounting positions and orientations**
support simple and compact installations.
- ✓ **Single unit installation**
reduces production line space usage and installation time.
- ✓ **Easy and minimum maintenance**
increases production time and reduces running costs.

Affordable. Robust. Simple.

The Linx SL3 Laser Coder is affordable, enabled by a single laser coding unit with flexible configurations to meet your needs.

Simple to install and easy to maintain, the Linx SL3 provides an ideal marking solution onto a wide range of products.

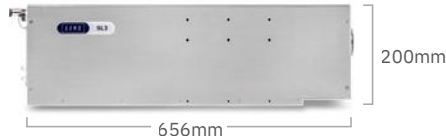
With its IP54-rated enclosure and proven laser technology, the Linx SL3 operates reliably in manufacturing environments, maximizing production output.

Linx SL3 Scribing Laser Coding System

TOP ELEVATION



SIDE ELEVATION



FRONT ELEVATION



Technical Specifications

LASER DETAILS

Laser type: sealed RF excited CO ₂
Max. Nominal Laser output (10.6µm): 30W
Laser wave length: 10.6µm (Standard), 9.3µm (PET), 10.2µm (Laminated Plastic, card)
Laser tube warranty: 2 years
Laser tube life (average)***: 50,000hrs

PERFORMANCE

Maximum Line Speed: 360 m/min *
Maximum marking speed :1300 characters/sec *
Number of lines of text: Only limited by character size and marking field size
Character height: Up to marking field size
Print rotation [°]: 0 to 360

LASER HEAD & LENS OPTIONS

Marking ellipse [mm]: 51 x 80; 76 x 120; 102 x 162
Marking distance [mm]: 92; 141; 190
Head mounting options: down (90°) or straight (0°)
Pilot Laser: available as standard
Focus Finder: available as standard

PHYSICAL CHARACTERISTICS

Mounting: On 3 sides of the laser
Material: Anodized aluminum base, stainless steel covers, anodized aluminum end-caps
Conduit Length: Combined marking unit and supply unit; no conduit required
User interface: Optional 10.1" colour LCD touch screen, stainless steel enclosure
Protection Class: IP54
Cooling: Internal Fan Cooling
Supply voltage / frequency: 100 - 120 Volts or 200 - 240 Volts; 50/60Hz
Size [mm]: 161 W x 200 H x 656 L
Weight [kg]: 21

LINXVISION® SOFTWARE

Easy access operator toolbar: Date & time offset, variable text, rotate / flip / mirror / curve / scale message, adjust laser intensity.

Operating languages: Arabic, Bulgarian, Brazilian Portuguese, Chinese Simplified, Chinese Traditional, Czech, English, French, Hungarian, Japanese, Korean, Polish, Romanian, Russian, Spanish, Thai, Turkish, Vietnamese.

Password protection: Multiple protection levels and access rights (user defined)

CODING AND PROGRAMMING FACILITIES

Code options: Date, time, static text, variable text, serial numbers, shift codes, increment/decrement (batch count), 1D/2D barcodes, graphics and logos, Julian date, Custom date and time formats, 2D codes including DotCode

Linear, circular, angular, reverse, rotate.

Character type: Vector fonts

Standard system vector fonts: OTF, TTF, PFA, PFB and SVG fonts

Optional customized fonts: Arabic, Bengali, Chinese, Japanese, Thai, Vietnamese
Bar codes: BC25, BC25I, BC39, BC39E, BC93, GSI-128, PZN, EAN 8, EAN 13, BC128, EAN 128, POSTNET, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RSSLIMGP, RSSEXP, IMB, PZN

2D Datamatrix codes: ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR, Aztec, DOTCODE, MICRO QR, PDF417

ENVIRONMENTAL DETAILS

Ambient operating temperature: 5 to 40°C (70% duty cycle at maximum temperature)
Automatic overheat detection: yes
Storage temperature: -10 to 70°C
Humidity range: maximum of 90% (relative, non-condensing)

INTERFACING

Interface ports: 1 detector, 1 encoder, 1 safety connector combining interlock** and shutterlock**, 1 Ethernet RJ45, 1 LinxVision Touch Screen, 2 USB host (via optional user interface)

Input/Output options: Job select input (PCBA direct connect via gland), Start / Stop input (IP54 connector), Marking output, Laser ready output, Ready to mark output, Shutter lock closed

Shutterlock: available as standard**

Interlock: available as standard**

REGULATORY APPROVALS

• CE • RoHS • BIS

INVISIBLE LASER RADIATION

AVOID EYE OR SKIN EXPOSURE
TO DIRECT OR SCATTERED RADIATION

MAX. POWER: 100 W
WAVELENGTH: $\lambda = 9 - 11 \mu\text{m}$
LASER CLASS 4
(IEC 60825-1:2014)

VISIBLE LASER RADIATION

DO NOT STARE INTO THE BEAM

MAXIMUM POWER: < 1 mW
WAVELENGTH: $\lambda = 600 - 700 \text{ nm}$
LASER CLASS 2
(IEC 60825-1:2014)

*Line and marking speeds are application dependant

**No performance level at standard. Additional optional safety box and components required to achieve a PL

***Laser tube life is environment and application dependent

LINX CSL10 & CSL30 LASER CODERS



Meet production targets, regulations and customer demands with fast and easy to use Linx CSL10 and CSL30 laser coders.

The Linx CSL10 and CSL30 laser coders offer you the most flexible solution for applying simple or complex codes, onto a range of materials at different line speeds, and can be easily tailored for your individual requirements.



Easy integration

- ✓ **Multiple configurations**
to allow the laser head code in many orientations to meet specific line requirements.
- ✓ **Meets your specific application**
with the largest range of marking heads, lenses and wavelength options.
- ✓ **Range of laser tubes**
to mark a top quality code onto different materials.



Meet your production targets

- ✓ **The powerful, four-core processor**
allows printing of large amounts of complex variable data, including 2d barcodes, onto high-speed lines.
- ✓ **Exceptionally high marking speed**
allows you to meet your coding requirements even on the fastest of production lines.



Ease of use

- ✓ **Easy message creation**
and management of printing parameters with the large colour LinxVision® Touch Screen, and LinxVision® software.
- ✓ **Setup wizards**
simplify installation of the laser on your line.
- ✓ **Reduce your coding errors**
and meet coding regulations with complete password controls that can restrict access to qualified personnel only, and include digital signatures for every user interaction.

Linx CSL10 & CSL30 Scribing Laser Coding System

CSL10 LASER MARKING UNIT



CSL30 LASER MARKING UNIT



SUPPLY UNIT



LINXVISION® TOUCH SCREEN



Technical Specifications

LASER DETAILS

Laser type: sealed RF excited CO
Max. laser output (10.6µm): 10w CSL10 & 30w CSL30
Laser wave length: 10.6µm (Standard) or 9.3µm (PET) (or 10.2µm (Card) only available CSL30)
Laser tube warranty: 2 years
Laser Tube Life (average)*: 45,000hrs

PERFORMANCE

Line speed*: up to 900 m / min
Marking speed*: up to 2000 characters /sec
No. lines of text: only limited by character size and marking field size
Character height: up to marking field size
Print rotation: 0-360°

LASER HEAD & LENS OPTIONS

Laser head options: SHC60, SHC100, (SHC150 only available on CSL30)
Lens (mm): 63.5, 64, 85, 95, 127, 100, 150, 190, 200, 254, 300, 351, 400, 500, 600
Spot size: from 0.12 mm to 1.65 mm
Marking field size: up to 440 mm x 601 mm
Mark distance: from 67 mm to 576 mm

PHYSICAL CHARACTERISTICS

Material: stainless steel covers, anodized aluminium chassis
Weight: CSL10 laser marking unit with SHC60d head 15 kg, CSL30 laser marking unit with SHC60c head 20 kg
Conduit length: 3 m (standard), 5 m (optional), 10 m (optional)
Head mounting options: down (90°), or straight shooter (0°), variable length Beam Extension Units (BEU), 90° Beam Turning Unit (BTU)

Marking head rotation: 0-360° with BEU and BTU
Protection class: IP54 or IP65 (optional)
Cooling: IP54 Air cooled, IP65 Blower Unit
Supply voltage/frequency: auto selection range 100 to 240V
Maximum power consumption: CSL10 – 0.4kW; CSL30 – 0.7kW

LINXVISION® SOFTWARE

Easy access operator toolbar: date & time offset, variable text, rotate / flip / mirror / curve / scale message, adjust laser intensity
Multiple operating languages: Arabic, Brazilian Portuguese, Bulgarian, Chinese Simplified, Chinese Traditional, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Thai, Turkish, Vietnamese
Password protection: multiple protection levels and access rights (User defined)

CODING AND PROGRAMMING FACILITIES

Code options: date, time, static text, variable text, serial numbers, shift codes, increment/decrement (batch count), 1D/2D barcodes, graphics and logos, Julian date, Custom date and time formats, 2D codes including DotCode
Character type: vector fonts
Standard system vector fonts: OTF, TTF, PFA, PFB and SVG fonts
Optional customized fonts: Arabic, Bengali, Chinese, Japanese, Russian, Thai, Vietnamese
Bar codes: BC25, BC25I, BC39, BC39E, BC93, GSI-128, PZN, EAN 8, EAN 13, BC128, EAN 128, POSTNET, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RSSLIMGP, RSSEXP
Data matrix 2D codes: ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR, Aztec

ENVIRONMENTAL DETAILS

Ambient operating temperature: 5 to 40°C (70% duty cycle at maximum temperature)
Automatic overheat detection: yes
Storage temperature: -10 to 70°C
Humidity range: maximum of 90% (relative, non-condensing)

INTERFACING

Interface ports: 1 detector, 1 encoder, 1 beacon, 1 fume extraction, 2 safety incl single/dual interlock, 1 Serial RS232, 1 Ethernet RJ45, 1 LinxVision Touch Screen
Input/Output options: Job select, Start / Stop, Trigger monitor, Trigger enable, Good / Bad marking signal, Marking, Laser ready, Ready to mark, Shutter closed

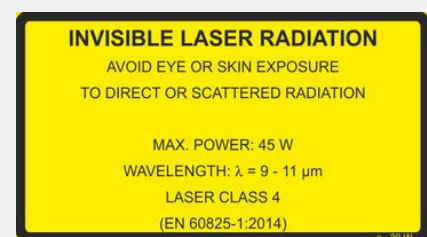
SAFETY FEATURES

Interlocks (standard): European or American
Interlocks (optional): internal safety module to meet EU Directive performance level D

REGULATORY APPROVALS

• CE • NRTL/FCC • EAC • RoHS

* Tube life / line and marking speeds are application dependent





Linx CSL60



Laser coding system

The Linx CSL60 laser coder system is designed for high-speed coding applications in demanding production environments. Meets requirements for high quality product coding across the widest range of materials and line speeds.

Wide range of applications

- High power 60 W laser tube – for difficult materials and fast production lines.
- High resolution, permanent coding, even on glass and rubber.
- Crisp, clear coding on glass even at high line speeds, with VisiCode®, a unique set of parameters which are pre-set in the Linx CSL60.
- Largest marking field in the market – for large area coding applications, or across multiple lines of products.
- Clear coding onto PET packaging, at high line speeds.



Meet your production targets

- Powerful four-core processor allows coding at fast line speeds with no compromise on code quality. Code up to 70,000 bottles per hour*.
- Print large amounts of complex variable data, including 2d barcodes, onto high speed lines.
- Highly responsive system enables swift message creation and communication to the laser.
- Reliable operation in washdown environments with full system IP65 rating.
- The Linx laser tube life is one of the longest on the market at up to 45,000 hours*.



Easy to use

- Large colour LinxVision® Touch Screen with LinxVision® software for easy message creation and management of printing parameters.
- Setup wizards simplify installation of the laser on your line.
- Detachable components make integration into production lines easier.
- Flip, mirror or curve text – code onto difficult shapes easily.
- Reduce your coding errors and meet coding regulations with password controls that can restrict access to qualified personnel only, and include digital signatures for every user interaction.



Linx CSL60 Scribing Laser Coding System



Technical Specifications

LASER DETAILS

Laser type: sealed RF excited CO
Max. laser output (10.6 μ m): 60 W
Laser wave length: 9.3 μ m or 10.2 μ m or 10.6 μ m
Laser tube warranty: 2 years

PERFORMANCE

Line speed*: up to 900 m/min
Marking speed*: up to 2100 characters/sec
No. lines of text: only limited by character size and marking field size
Code height: up to marking field size – max height of 601 mm
Print rotation: 0-360°

MARKING HEAD & LENS OPTIONS

Marking head options: SHC60d, SHC100d, SHC120c, SHC150c
Lens (mm): 64, 95, 100, 127, 150, 190, 200, 254, 300, 351, 400, 500, 600
Spot size: from 0.091 mm to 1.65 mm
Marking field size: up to 440 mm x 601 mm
Mark distance: from 67 mm to 576 mm

PHYSICAL CHARACTERISTICS

Material: stainless steel covers, anodized aluminium chassis
Weight: laser head (IP54) – 26.5 kg; (IP65) – 27 kg, Supply unit – 13 kg
Conduit length: 3 m (standard), 5 m (option), 10 m (option)
Marking head mounting options: down (90°), or straight shooter (0°), variable length Beam Extension Units (BEU), 90° Beam Turning Unit (BTU)

Marking head rotation: 0-360° with BEU and BTU
Protection class: IP54 (standard), IP65 (option)
Cooling: IP54 – air cooled, IP65 – Blower Unit (option)
Supply voltage/frequency: auto selection range 100 V to 240 V, 50 Hz / 60 Hz
Maximum power consumption: 1.15 kW

LINXVISION® SOFTWARE

Easy access operator toolbar: date & time offset, variable text, rotate / flip / mirror / curve / scale message, adjust laser intensity
Multiple operating languages: Arabic, Brazilian Portuguese, Bulgarian, Chinese Simplified, Chinese Traditional, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Thai, Turkish, Vietnamese
Password protection: multiple protection levels and access rights (User defined)

CODING AND PROGRAMMING FACILITIES

Code options: date, time, static text, variable text, serial numbers, shift codes, increment/decrement (batch count), 1D/2D barcodes, graphics and logos, Julian date, Custom date and time formats, 2D codes including DotCode
Character type: vector fonts
Standard system vector fonts: OTF, TTF, PFA, PFB and SVG fonts
Optional customized fonts: Arabic, Bengali, Chinese, Japanese, Russian, Thai, Vietnamese
Bar codes: BC25, BC25I, BC39, BC39E, BC93, GSI-128, PZN, EAN 8, EAN 13, BC128, EAN 128, POSTNET, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSS14LIM, RSS14MGP, RSSEXP, PDF417
Data matrix 2D codes: ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR, MicroQR, Aztec

ENVIRONMENTAL DETAILS

Ambient operating temperature: 5 to 40 °C (70% intensity at maximum temperature)
Automatic overhear detection: yes
Storage temperature: 5 – 65 °C
Humidity range: maximum of 90% (relative, non-condensing)

INTERFACING

Interface ports: 1 detector, 1 encoder, 1 beacon, 1 fume extraction, 2 safety incl single/dual interlock, 1 Serial RS232, 1 Ethernet RJ45, 1 LinxVision Touch Screen
Input/Output options: Job select, Start / Stop, Trigger monitor, Trigger enable, Good / Bad marking signal, Marking, Laser ready, Ready to mark, Shutter closed

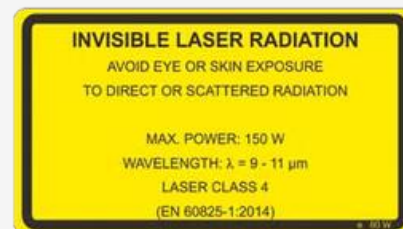
SAFETY FEATURES

Safety module, machine integrated: with a safety circuit according to EN 13849-1, achieving performance level “d” for the door circuit and performance level “e” for the emergency stop circuit
No safety module: gives Shutter lock with no performance level; Interlock to performance level “d”

REGULATORY APPROVALS

• CE • NRTL/FCC • EAC • RoHS

* Tube life / line and marking speeds are application dependent



Feature	Linx SL3	Linx CSL30	Linx CSL60
Laser technology	CO ₂ scribing laser	CO ₂ scribing laser	CO ₂ scribing laser
Laser power	30 W	30 W	60 W
Maximum production line speed	Up to 360 m/min	Up to 900 m/min	Up to 900 m/min
Maximum marking area	102 × 160 mm marking ellipse	Up to 440 × 601 mm	Up to 440 × 601 mm
Marking distance	92, 141 or 190 mm, depending on lens	67–576 mm, depending on configuration	67–576 mm, depending on configuration
Laser wavelength options	9.3, 10.2 or 10.6 µm	9.3, 10.2 or 10.6 µm	9.3, 10.2 or 10.6 µm
System design	Compact, single-unit design	Separate laser marking unit and supply unit	Separate laser marking unit and supply unit
Installation flexibility	Straight or downward marking head; multiple mounting positions	Wider choice of heads, lenses and beam delivery options	Flexible head, lens and beam delivery configurations
Environmental protection	IP54	IP54 standard; IP65 optional	IP54 standard; IP65 optional
Cooling	Air cooled; no factory air or water required	Air cooled; blower unit for IP65 configuration	Air cooled; blower unit for IP65 configuration
Code types	Dates, batch codes, text, serial numbers, 1D/2D barcodes, graphics and logos	Dates, batch codes, text, serial numbers, 1D/2D barcodes, graphics and logos	Dates, batch codes, text, serial numbers, 1D/2D barcodes, graphics and logos
Lines of text	Limited by character size and marking area	Limited by character size and marking area	Limited by character size and marking area
Laser tube warranty	2 years	2 years	2 years

PACKTRONIC LASER CODERS



Our proprietary laser solutions offer customised configurations in CO₂, Fibre, and UV technologies, available in multiple speed variants.

Both product lines deliver exceptional marking quality across diverse materials, including metals, plastics, glass, ceramics, and organic substrates. Laser systems eliminate ongoing consumable costs while providing environmental benefits through zero-waste operation.



PL CO2

Ideal for organic materials, coated surfaces, and plastics. Produces high-contrast marks on packaging, wood, leather, glass, and acrylic. Excellent for date coding, branding, and decorative marking applications. The CO₂-40 W is an exact, fast, and durable marking solution tailored for production environments. With its air-cooled design, high repeatability (± 0.01 mm), and fine detail marking capability, it's ideal for high-speed, on-line marking tasks such as expiration dates, serial numbers, or logos—especially on moving items like bottles or packaging. Its modular, compact design and multilingual touch interface make it versatile and user-friendly across diverse industrial settings.



PL FL30 - Fiber

Optimized for metals and hard plastics. Creates permanent, high-resolution marks on stainless steel, aluminum, titanium, and engineering plastics. Perfect for automotive, aerospace, and medical device manufacturing. The Packtronic fibre laser is a high-performance marking system designed for a wide range of materials and packaging formats. It delivers permanent, high-contrast markings on metal, plastic, rigid containers, films, and other substrates. As a result, it is ideal for printing batch codes, expiry dates, serial numbers, barcodes, QR codes, logos, traceability data, and other critical product identifiers.



PL UV5

The UV Laser Marking Machine is a high-precision industrial tool designed for marking and engraving on a wide range of materials, especially those sensitive to heat.

Laser Type: Ultraviolet (UV) laser with a wavelength of 355nm, ideal for cold marking with minimal thermal impact. Available in 3W, 5W, 10W, 15W, and 20W configurations. Achieves a minimum line width of 0.03mm and working accuracy of 0.002mm, suitable for micro-marking. Options include water cooling or air cooling, depending on the model. Approximately 20,000 hours, ensuring long-term reliability. Glass, HDPE bottles, plastics (PVC, PCB), ceramics, semiconductors, and more. Text, logos, serial numbers, QR codes, barcodes, timestamps, and graphics.



PACCO2 Laser Coder

ADVANCED CODING TECHNOLOGY



The PACCO2 Laser Coder represents cutting-edge industrial marking technology designed for high-speed production environments. This sophisticated CO2 laser system delivers precise, permanent coding on a wide variety of packaging materials and products. With its advanced beam delivery system and intelligent control interface, the PACCO2 ensures consistent, high-quality marks across diverse substrates including cardboard, plastics, glass, and flexible packaging materials.

Engineered for reliability and performance, this laser coding solution integrates seamlessly into existing production lines while offering exceptional flexibility for various marking applications. The system's robust construction and minimal maintenance requirements make it an ideal choice for manufacturers seeking to enhance product traceability, comply with regulatory requirements, and improve operational efficiency. The PACCO2's non-contact marking process eliminates consumables, reducing operational costs while maintaining environmental sustainability standards.



High-Speed Performance

Capable of marking up to 1,000 products per minute with exceptional precision and consistency



Superior Accuracy

Advanced positioning system ensures precise mark placement with $\pm 0.1\text{mm}$ accuracy



Easy Integration

Seamless connectivity with production line systems and user-friendly control interface

Technical Specifications & Applications

Key Technical Features

- CO2 laser source with 10.6µm wavelength for optimal marking quality
- Power output range: 10W to 60W for various material requirements
- Marking area: up to 300mm x 300mm with expandable options
- Operating speed: adjustable from 1 to 7,000mm/s
- Resolution: up to 1000 DPI for crisp, clear codes
- Cooling system: air-cooled or water-cooled configurations
- Control system: Windows-based with intuitive touchscreen interface
- Communication protocols: Ethernet, RS232, USB connectivity

Industry Applications

- Food and beverage packaging with date codes and batch numbers
- Pharmaceutical products requiring regulatory compliance marking
- Cosmetics and personal care product identification
- Automotive parts traceability and serialization
- Electronics component marking and branding
- Building materials and construction products
- Flexible packaging films and pouches
- Glass bottles and containers with permanent codes

— Uptime Reliability

Exceptional operational reliability with minimal maintenance requirements

50% Cost Reduction

Lower operational costs compared to traditional ink-based coding systems

24/7 Continuous Operation

Designed for round-the-clock production environments with consistent performance

-  **Environmental Benefits:** The PACCO2 Laser Coder eliminates the need for inks, solvents, and consumables, making it an environmentally friendly marking solution. Zero waste generation and reduced carbon footprint align with sustainable manufacturing practices while delivering superior marking quality and permanence.

Parameter	Specification
Rated power	30 W, 40 W or 60 W
Cooling method	Forced air cooling
Suitable surfaces	Flat, round and uneven surfaces
Effective focal length	175 mm
Processing method	Online or static
Etching speed	1,300 mm/s
Machine weight	25 kg
Wavelength	10.64 μm
Structure	Aluminium
Power supply	Single phase, 220 V
Connectivity	RS232, USB and network port
Marking area	Standard 110 × 110 mm; custom options available
Positioning	Focus and red light preview
Ambient humidity	35–85% RH, with no icing or condensation
Number of lines	Configurable within the effective marking area
Ambient temperature	0–45 °C, with no icing or condensation
Marking content	Text, graphics, barcodes, real-time clock, automatic serial numbers, batch numbers, counters and custom content



PAC Fibre Laser Marking

Product Specifications Datasheet

This comprehensive datasheet provides detailed technical specifications and performance characteristics for our product line. The data encompasses critical parameters including dimensions, weight, power requirements, and operational capabilities across multiple product variants.

Physical Dimensions

Length: 150mm
Width: 75mm
Height: 25mm

Weight Specifications

Net Weight: 250g
Shipping Weight: 350g
Package Weight: 400g

Power Requirements

Input Voltage: 100-240V AC
Frequency: 50/60Hz
Power Consumption: 15W

Performance Characteristics & Operating Parameters

Operating Temperature

Minimum: -10°C
Maximum: 50°C
Optimal Range: 15-35°C
Storage Temperature: -20°C to 60°C

Environmental Ratings

Humidity: 10-90% RH
IP Rating: IP54
Altitude: Up to 2000m
Vibration Resistance: 5-500Hz

99.9%

Reliability Rating

Proven performance across extensive testing protocols

5000

Operating Hours

Mean time between failures (MTBF)

24

Warranty Period

Months of comprehensive coverage

All specifications are subject to standard manufacturing tolerances and may vary slightly based on production batch. Products are tested and certified to meet international quality standards including CE, FCC, and RoHS compliance. For detailed technical documentation and certification information, please contact our technical support team.

Environmental & Safety Standards

Compliance Certifications

- CE marking for European conformity
- UL certification for North American markets
- ISO 9001:2015 quality management
- RoHS compliant materials and components
- REACH regulation compliance

Safety Features

- Emergency stop functionality with redundant circuits
- Overload protection with automatic shutdown
- Thermal management with active cooling system
- Ground fault circuit interrupter (GFCI)
- Safety interlocks on all access panels

Installation Requirements

01

Site Preparation

Ensure level mounting surface with load capacity of minimum 250 kg/m². Verify adequate clearance of 500mm on all sides for ventilation and maintenance access.

02

Electrical Connection

Connect to dedicated circuit breaker rated at 16A minimum. Ensure proper grounding with resistance less than 10 ohms. Verify voltage stability within ±10% of nominal.

03

System Integration

Configure communication protocols (RS-485, Modbus RTU). Calibrate sensors and verify all safety interlocks. Perform initial test run under no-load conditions.

04

Commissioning

Complete full operational testing under load conditions. Document baseline performance metrics. Train operators on standard operating procedures and emergency protocols.

Technical Support & Warranty



Warranty Coverage: Standard 24-month manufacturer warranty covering defects in materials and workmanship. Extended warranty options available for up to 60 months with comprehensive service agreements.

Technical Support: 24/7 hotline support with multilingual assistance. Remote diagnostics capability via secure network connection. On-site service available within 48 hours for critical issues.

Spare Parts Availability: Guaranteed availability of critical components for minimum 10 years from date of manufacture. Express shipping options for emergency replacements.



PACU Series UV Laser Marking Machine



The PACU Series represents the next generation of UV laser marking technology, combining precision, intelligence, and efficiency in a single integrated system. Designed for modern production environments, this advanced marking solution delivers exceptional performance across a wide range of materials and industries. With power options of 3W, 5W, and 10W, the PACU Series utilizes ultraviolet solid-state lasers operating at 355nm wavelength to create permanent, high-quality marks on everything from plastic bottles to glass containers.

Built on a Linux operating system and powered by Star Dance laser marking software, the machine offers comprehensive marking capabilities including text, time stamps, counters, random codes, logos, barcodes, QR codes, and images. The system supports multiple languages including English, Russian, Korean, Thai, and German, with customizable local language options. With versatile connectivity through RS232, USB, and Network Port interfaces, plus NPN/PNP/12V sensor compatibility, the PACU Series integrates seamlessly into existing production lines. The compact design features a laser machine component weighing just 18kg and a flight stand component at 30kg, making installation and repositioning straightforward.



Simple

10-inch touch editing WYSIWYG interface for intuitive operation and real-time preview



Intelligent

Smart Rich IO interface realizes intelligent production line control and automation



Stable

Highly integrated modular design for easier installation and maintenance procedures



Efficient

Built-in speed self-test system for easy productivity evaluation and optimization

Technical Specifications & Applications

Technical Specifications

Model	PACU3/5/10
Laser Power	3W / 5W / 10W
Laser Type	Ultraviolet solid-state lasers
Wavelength	355nm
Cooling Method	Water cooling
Operating System	Linux
Power Requirements	Single phase, 100-110V / 220-240V, 50/60Hz, <600W
Machine Weight	Laser: 18kg, Flight stand: 30kg

Marking Capabilities

- Text and time stamps
- Counters and random codes
- Logos and branding
- Barcodes and QR codes
- Custom images

Industries

Pipe, food, beverage, medicine, cosmetics, and more

Material Applications

The PACU Series excels across diverse materials including PVC, HDPE, ABS, soft food packages, plastic caps, and glass. The 355nm UV wavelength provides exceptional marking quality on both light and dark surfaces, creating permanent marks without compromising material integrity. From pharmaceutical bottles requiring precise lot numbers and expiration dates to food packaging demanding clear traceability information, this versatile system handles complex marking requirements with ease.

HDPE Bottles

Clear, permanent marking on plastic bottles for pharmaceutical and cosmetic applications

Glass

High-contrast marking on glass surfaces for premium product identification

Plastic Bags

Precise marking on flexible packaging materials for food and consumer goods

For more information about the PACU Series UV Laser Marking Machine and how it can enhance your production capabilities, visit packtronic.co.za

Parameter	Specification
Models	UF03, UF05 and UF10
Laser power	3 W, 5 W or 10 W
Laser type	Ultraviolet solid-state laser
Wavelength	355 nm
Cooling method	Water cooling
Marking content	Text, time, counters, random codes, logos, barcodes, QR codes and images
Operating system	Linux
Supported languages	English, Russian, Korean, Thai and German; local language options available
Marking software	Star Dance laser marking software
Product speed monitoring	Synchronizer or synchronization signal
Product detection input	NPN / PNP / 12 V sensor
Connectivity	RS232, USB and network port
Power requirements	Single phase, 100–110 V or 220–240 V, 50/60 Hz, under 600 W
Machine weight	Laser unit: 18 kg; stand: 30 kg
Applicable industries	Pipe, food, beverage, medicine and cosmetics
Applicable materials	PVC, HDPE, ABS, flexible food packaging, plastic caps and glass

Features	Packtronic CO ₂ Laser	Packtronic Fibre Laser	Packtronic UV Laser
Main purpose	Permanent coding on packaging and non-metallic materials	Permanent marking on metals and selected hard plastics	Fine, precise marking on delicate and heat-sensitive materials
Marking method	Uses heat to engrave or alter the material's surface	Uses concentrated laser energy to engrave, remove coatings or change the surface	Uses ultraviolet light with minimal thermal impact, often called "cold marking"
Typical materials	Paper, cardboard, wood, rubber, glass and suitable plastics	Stainless steel, aluminium, titanium and engineering plastics	Glass, HDPE, suitable plastics, ceramics and electronic components
Typical applications	Date and batch coding on cartons, labels, bottles and other packaging	Serial numbers, component identification, metal engraving and traceability codes	Small codes, detailed logos and precision marking on sensitive packaging and components
Main advantage	Versatile marking on non-metallic packaging	Durable, precise marking on metals	Fine detail with reduced heat damage
Bare-metal marking	Generally unsuitable; coated metals may be marked by removing the coating	Well suited to direct marking on many metals	Possible on selected materials; application testing required
Heat-sensitive materials	Requires careful selection of settings and material	Requires careful selection of settings and material	Particularly suited to applications needing minimal thermal impact
Ink or ribbon required	No	No	No
Best choice when...	You mainly code cartons, paper, glass or suitable non-metallic packaging	You mainly mark metal parts or hard plastic components	You need fine marks on delicate or heat-sensitive surfaces

RYNAN LASER CODERS



Improve production efficiency with RYNAN Laser Coding and Marking Solutions from Packtronic. Engineered for speed and precision, our UV, CO₂ and Fibre laser range delivers permanent, high-resolution marking across a wide variety of substrates. From high-contrast codes on pharmaceutical packaging to durable marking on metal components and fast date coding on food packaging, the range offers reliable, non-contact marking for demanding industrial applications.

Featuring separate controllers and marking heads, these systems support flexible integration into existing high-speed packaging lines. H-MCS multi-system connectivity enables coordinated operation and precise marking on moving products. With no inks or solvents required, RYNAN laser solutions help reduce consumable costs and routine maintenance requirements while delivering clear, consistent codes.



L-C40

Built for versatility and cost efficiency, the RYNAN L-C40 utilises an RF CO₂ laser (10600nm) to deliver high-resolution on-the-fly marking across a wide array of organic materials. Equipped with forced air-cooling for simple, maintenance-free reliability, it is the ultimate coding solution for food and beverage packaging, wood, leather and rubber.



L-F60

The RYNAN L-F60 leverages a high-power 1064nm MOPA pulsed-fibre laser engineered specifically for permanent, high-contrast marking on metals and engineering plastics. Offering advanced pulse control for heat-sensitive surfaces, it provides robust, industrial-grade reliability for demanding manufacturing.



L-UV10

Ideal for pharmaceuticals, electronics, and flexible film, the RYNAN L-UV10 utilises a solid 355nm nanosecond UV laser for high-contrast precision marking. Designed for high-speed production lines, its separated head and controller architecture paired with a water-cooled system ensures maximum operational stability without thermal damage to sensitive internal components or substrates.



RYNAN L-C40

Versatile CO2 Marking in Motion

The RYNAN L-C40 is an industrial CO2 laser marking system designed for on-the-fly marking on high-speed production lines, delivering reliable, high-resolution, and high-contrast codes on a wide range of materials. It is built for seamless integration, multi-system connectivity, and centralised control across multiple production lines via H-MCS.



CO2 Laser for versatility & cost efficiency on packaging, plastic, glass, films and cartons.

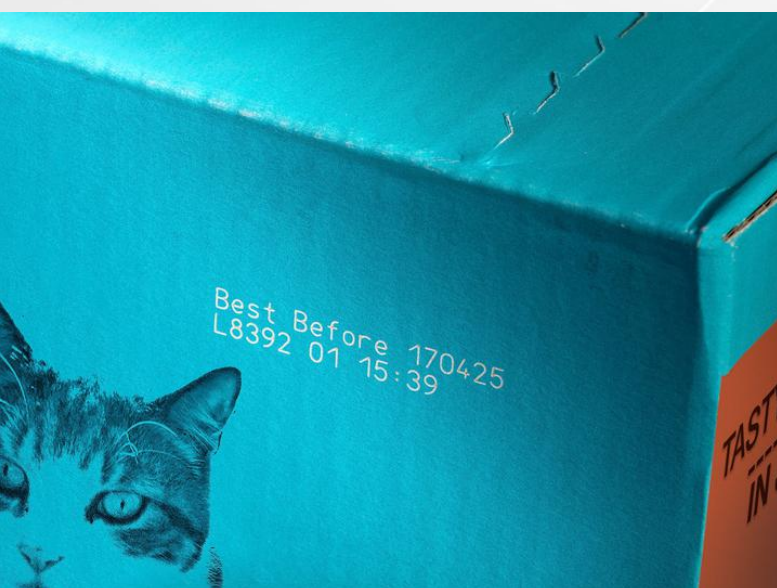
RYNAN L-C40

- Optimized on-the-fly marking system design
- Multi-line management via H-MCS software platform
- Compatible for the marking on a wide range of materials
- Industrial grade reliability for continuous operations



RYNAN L-C40

Technical Specification	Details
Marking Technology	RF CO ₂ Laser (10,600 nm)
Controller Dimensions	396 × 160 × 320 mm
Laser Head Dimensions	730 × 145 × 160 mm
Controller Weight	7 kg
Laser Head Weight	15 kg
Laser Output Power	40 W
Power Supply	110–230 VAC, 4 A
Marking Speed	900 characters per second (application dependent)
Cooling Method	Forced air cooling
Focal Length	100–400 mm (fixed by lens focal length)



Features	Details
Marking Types	Text, counter, box/lot, date/time, expiry date, Julian date, shift code, image and database
Barcode Types	1D and 2D barcodes: Code 11, Code 39, Code 128, EAN, QR, Data Matrix and GS1 Data Matrix
Marking Field	140 × 140 mm (adjustable by marking lens)
Connections	2 × USB 2.0, Ethernet RJ45, spare I/O (5 inputs, 7 outputs), RS232 and RS485
Marking Mode	Static and marking on the fly (MOF)
Operating Temperature	10–40°C
Operating Humidity	40–80%, non-condensing
Device Integration	POD (print online data); integrates with PLC, camera and checkweigher via RJ45
Message Storage	8 GB on disk available for use
Rotary Encoder	Supported (NPN type)
External Sensor	Supported (NPN/PNP type)
Power Density	Adjustable from 0–100%
Printable Surfaces	Wood, plastic, acrylic (PMMA), coated paper, leather and rubber
Fonts	Windows TrueType fonts
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Portuguese, Spanish, Polish, Greek, Italian and others



RYNAN L-F60

Mark Metal in Motion. Permanently

The RYNAN L-F60 is an industrial fibre laser marking system designed for on-the-fly marking on high-speed production lines, delivering permanent, high contrast codes on metals and engineering plastics. Built for seamless integration, multi-system connectivity and centralised control across multiple production lines via H-MCS.



Fiber Laser for permanent marks on materials and engineering plastics.

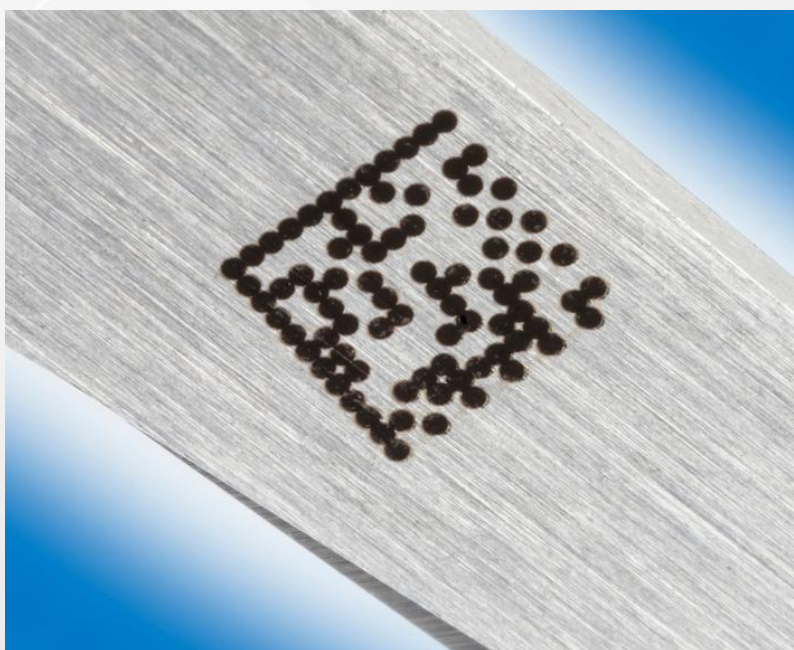
RYNAN L-F60

- Optimized on-the-fly marking system design
- Multi-line management via H-MCS software platform
- Compatible for the marking on a wide range of materials
- Industrial grade reliability for continuous operations



RYNAN L-F60

Technical Specification	Details
Marking Technology	MOPA Pulsed Fibre Laser (1,064 nm)
Controller Dimensions	475 × 170 × 440 mm
Laser Head Dimensions	436 × 120 × 120 mm
Controller Weight	14 kg
Laser Head Weight	5.5 kg
Laser Output Power	60 W
Power Supply	110–230 VAC, 4 A
Marking Speed	900 characters per second (application dependent)
Heat Dissipation Method	Forced air cooling
Focal Length	100–400 mm (fixed by lens focal length)



Features	Details
Marking Types	Text, counter, box/lot, date/time, expiry date, Julian date, shift code, image and database
Barcode Types	1D and 2D barcodes: Code 11, Code 39, Code 128, EAN, QR, Data Matrix and GS1 Data Matrix
Marking Field	140 × 140 mm (adjustable by marking lens)
Connections	2 × USB 2.0, Ethernet RJ45, spare I/O (5 inputs, 7 outputs), RS232 and RS485
Marking Mode	Static and marking on the fly (MOF)
Operating Temperature	10–40°C
Operating Humidity	40–80%, non-condensing
Device Integration	POD (print online data); integrates with PLC, camera and checkweigher via RJ45
Message Storage	8 GB on disk available for use
Rotary Encoder	Supported (NPN type)
External Sensor	Supported (NPN/PNP type)
Power Density	Adjustable from 0–100%
Printable Surfaces	Metal and coated paper
Fonts	Windows TrueType fonts
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Portuguese, Spanish, Polish, Greek, Italian and others



RYNAN L-UV10

Precision UV Marking. On-the-Fly Performance

The RYNAN L-UV10 is an industrial UV laser marking system designed for on-the-fly high-quality code marking directly on moving production lines, featuring a water-cooled architecture with a separate laser head and controller for stable, high-precision, reliable performance on pharmaceutical and flexible packaging films. Built for seamless integration, multi-system connectivity, and centralised control across multiple production lines via H-MCS.



UV 10 watt laser for precision and indelible marking on packaging.
Ideal for pharmaceutical and plastic packaging materials.

RYNAN L-UV10

- High resolution, high-contrast on-the-fly marking for production lines
- Multi-line management via H-MCS software platform
- Separated laser head and control unit for flexible integrations
- Water-cooled system for stability with continuous operations



RYNAN L-UV10

Technical Specification	Details
Marking Technology	Solid nanosecond UV laser (355 nm)
Controller Dimensions	396 × 160 × 320 mm
Laser Head Dimensions	663.9 × 160 × 160 mm
Controller Weight	7 kg
Laser Head Weight	16.5 kg
Laser Output Power	10 W
Power Supply	110–230 VAC, 3 A
Marking Speed	900 characters per second (application dependent)
Cooling Method	Water cooling
Focal Length	100–400 mm (fixed by lens focal length)



Feature	Details
Marking Types	Text, counter, box/lot, date/time, expiry date, Julian date, shift code, image and database
Barcode Types	1D and 2D barcodes: Code 11, Code 39, Code 128, EAN, QR, Data Matrix and GS1 Data Matrix
Marking Field	140 × 140 mm (adjustable by marking lens)
Connections	2 × USB 2.0, Ethernet RJ45, spare I/O (5 inputs, 7 outputs), RS232 and RS485
Marking Mode	Static and marking on the fly (MOF)
Operating Temperature	10–40°C
Operating Humidity	40–80%, non-condensing
Device Integration	POD (print online data); integrates with PLC, camera and checkweigher via RJ45
Chiller Cooling Capacity	Greater than 580 W
Chiller Water Flow Rate	Greater than 6 L/min
Water Tank Temperature Control	25 ± 0.3°C
Water Pipe Outer Diameter	10 mm
Message Storage	8 GB on disk available for use
Rotary Encoder	Supported (NPN type)
External Sensor	Supported (NPN/PNP type)
Power Density	Adjustable from 0–100%
Markable Surfaces	Flexible film, ceramic, glass, fabric, coated paper and metal
Fonts	Windows TrueType fonts
Print Languages	English (default), Vietnamese, Chinese (PRC), Turkish, Korean, Russian, Japanese, Hebrew, Spanish, Thai, Portuguese and Arabic
System Languages	English (default), German, Vietnamese, Chinese, Korean, Russian, Portuguese, Spanish, Polish, Greek, Italian and others



PACKTRONIC

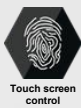
EXCELLENCE IN TRACEABILITY

FUME EXTRACTORS



Product Catalogue
Developed by Packtronic (Pty) LTD

FUME EXTRACTORS



Our advanced extraction systems filter contaminants invisible to the human eye, whether generated by CO2 laser systems, found in high-speed packaging lines, solid-state YAG lasers or new generation optical fibre technologies.

Features such as advanced filtration, flow rate control and our revolutionary Intelligent Operating System (iQ), mean our units help manufacturers protect valuable equipment, maintain a high-quality mark and reduce downtime.



AD Nano+

A cost-effective system for light to medium-duty applications
Ideal For: Laser engraving, laser cutting, laser coding and marking.

The AD Nano+ is a mid-sized fume extraction system for light to medium-duty laser applications. This cost-effective solution includes many features of our larger models, making it ideal for installations with limited floor space.



AD 1000 iQ

High-performance laser fume extraction system for applications in laser marking, coding and engraving.

BOFA's AD 1000 iQ high-end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy-duty applications that generate large amounts of particulate and gaseous organic compounds.



AD Oracle iQ

The 'best in class' high-performance AD Oracle has now been further enhanced with BOFA's iQ Operating System, combining a range of unique features into one compact unit.

The iQ Operating System performs at two distinct levels. Operators benefit from ease of operation and clarity of real time information, the system also provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

The iQ system takes performance and safety parameters to a new level and helps keep maintenance downtime and ownership costs to a minimum.



AD Nano+

Fume Extraction System - Advantage Range

Datasheet

Technical Specification and Product Information

A cost-effective system for light to medium-duty applications.

The AD Nano+ is a mid-sized fume extraction system for light to medium-duty laser applications. This cost-effective solution includes many features of our larger models, making it ideal for installations with limited floor space.

FEATURES

Low noise levels

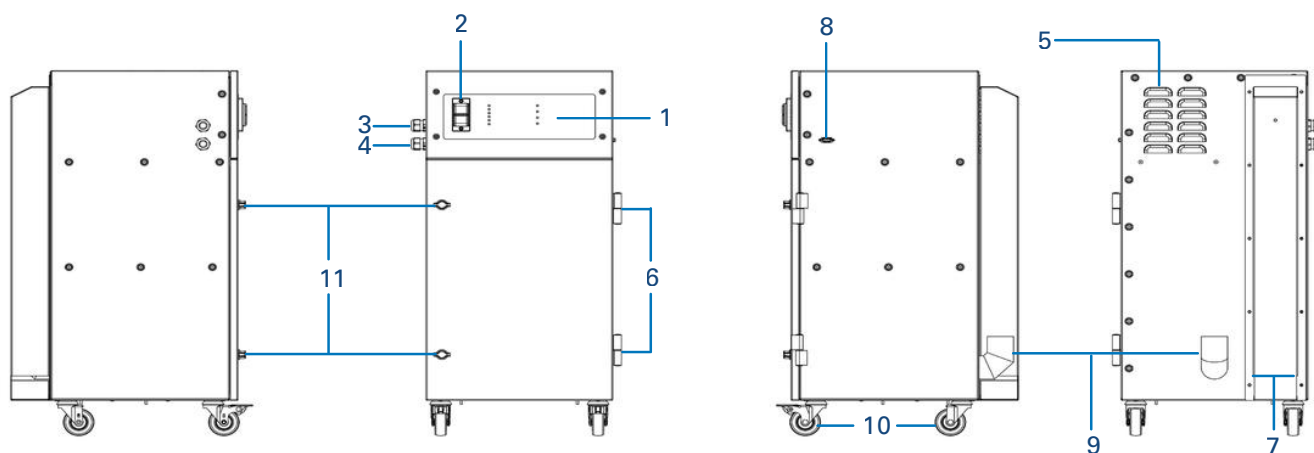
Small footprint

Long-life, low-cost replacement filters

Approvals: UKCA and CE



TECHNICAL SPECIFICATION



1. Control panel
2. On/off switch
3. Power cable inlet
4. Signal/interface cable

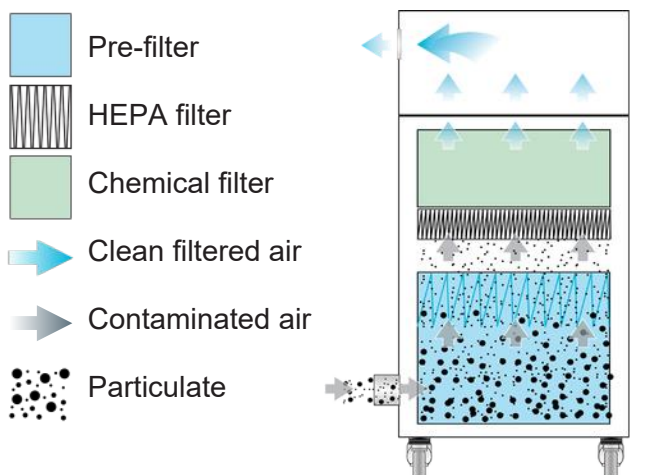
5. Blower cooling inlet
6. Door hinges
7. Exhaust outlet
8. Interfacing connector

9. Hose inlet connection - 2.0" (50 mm)
10. Castors
11. Door latches

TECHNICAL DATA

Voltage	Airflow		Pressure	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level*	Frequency	Full load current
	cfm	m ³ /hr		in	mm	lbs	kg			
115-230	176	300	96	31.1 x 14.2 x 16.5	790 x 360 x 420	93	42	62	50/60	12.5

AIRFLOW



FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft ²	m ²	
DeepPleat DUO pre-filter	64.5	6	ePM1 70%
Combined filter (HEPA)	23.5	2.2	99.997% @ 0.3 microns

Model	Activated carbon volume	
	lbs	kg
Combined filter (gas)	16.5	7.5

PART NUMBERS - FILTERS

DeepPleat DUO pre- filter	Combined filter
1UA1030190	1UA1030191

PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 115-230 V No options	1U30811020-1214
Powder-coated, 115-230 V 24 V S/S and SOK	1U630811520-1214
Stainless steel, 115-230 V No options	1U30106020-1214
Stainless steel, 150-230 V 24 V S/S and SOK	1U630106020-1214-2

CUSTOMIZATIONS

Options

Power cables
Remote stop/start signal (S/S)
System OK signal (SOK) Override (O/R)
VOC sensor

Power cables

Type B
Type E
Type G

Compatible accessories:

Cabinet construction

Brushed stainless steel
Powder-coated mild steel (RAL7016)

ILF 300
ILF 600
ILF 1000

* Noise level: At typical operating speed.

AD 1000 iQ

Fume Extraction System-Advantage Range



Datasheet

Technical Specification and Product Information

A system for medium to heavy-duty laser applications.

The AD 1000 iQ fume extraction system is a perfect choice for medium to heavy-duty applications that generate large amounts of particulate. With a greater airflow than the AD 500 iQ, it also offers significant filter capacity.

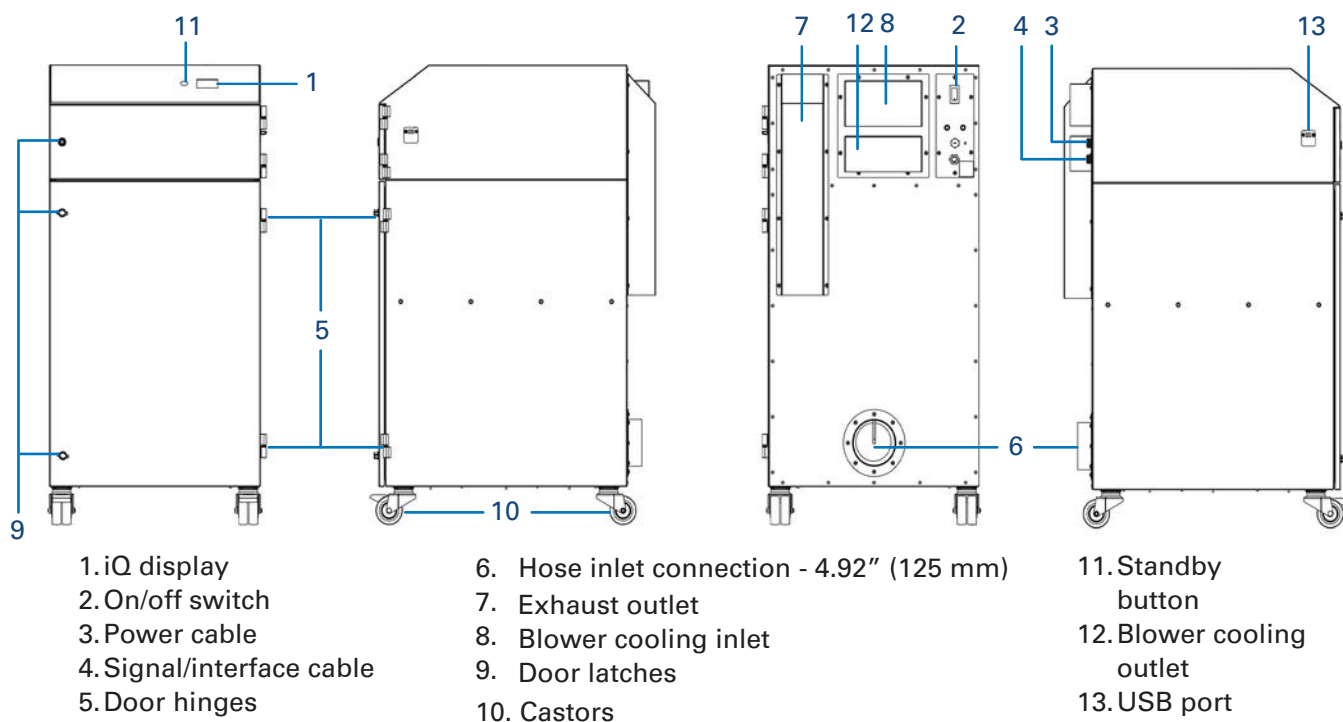
FEATURES

- Real-time airflow reading
- Independent filter condition monitoring
- High contrast display
- Remote diagnostics via USB
- Long-life, low-cost replacement filters

Approvals: UKCA and CE | cUL | UL*



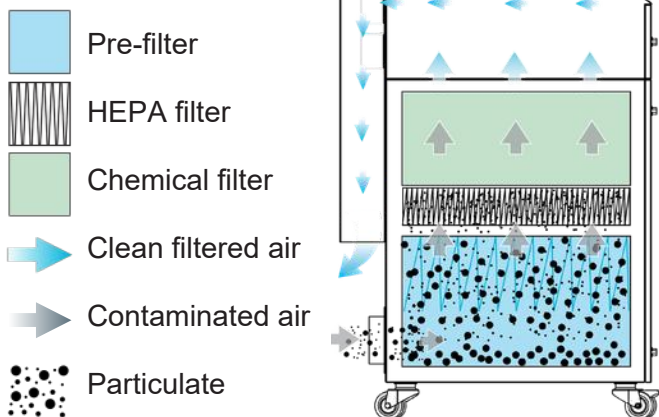
TECHNICAL SPECIFICATION



TECHNICAL DATA

Voltage	Unrestricted airflow** (+/- 10%)		Settable airflow range***		Pressure (+/- 6%)	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level	Frequency	Full load current
	V	cfm	m³/hr	cfm		m³/hr	mbar	in	mm			
115	515	875	177-430	300-730	65	47.4 x 24.4 x 31.1	1205 x 620 x 790	324	147	< 70	50/60	19.5
230			177-459	300-780	60							12.5

AIRFLOW



FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft ²	m ²	
DeepPleat DUO pre-filter	322.8	30	F8 50% @ 0.3 microns
Combined filter (HEPA)	80.7	7.5	99.995% @ 0.3 microns

Model	Activated carbon volume	
	ltr	
Combined filter (gas)	53.7	

PART NUMBERS - FILTERS

DeepPleat DUO pre-filter	Combined filter
1UA1030222	1UA1030297

PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 230 V No options	1U30811503-A-1419
Powder-coated, 230 V No option, USA plug	1U30811503-A-1419-US
Powder-coated, 230 V 24 V S/S, SOK, USA plug	1U630811503-A-1419-US
Powder-coated, 230 V 24 V S/S, SOK, O/R	1U4680811503-A-1419
Powder-coated, 115 V No options	1U10810503-A-1419
Powder-coated, 115 V 24 V S/S, SOK, O/R	1U4665810503-A-1419
Powder-coated, 115 V 24 V S/S, SOK, O/R, USA plug	1U4665810503-A-1419-US
Stainless steel, 230 V 24 V S/S and SOK	1U630106503-A-1419

CUSTOMIZATIONS

Options

Power cables
Remote stop/start signal (S/S)
System OK signal (SOK)
Override (O/R)
VOC sensor
Exhaust box/exhaust spigot

Cabinet construction

Brushed stainless steel
Powder-coated mild steel (RAL7016)

Power cables

Type B
Type E
Type G
Type free ends

Compatible accessories:

Spark Arrestor 2
ILF 600

*cUL | UL: Tested to the appropriate standards, but testing may be provided by alternate nationally recognized test laboratories. Certain product configurations may affect the certification. Please speak to your sales representative.

** Unrestricted airflow: The airflow values provided with clean filters, no hose kit, at 230 V, measured by using a wind vane. The numbers may vary depending on voltage and test procedure used.

*** Settable range: Donaldson BOFA recommends utilizing the lowest flow rate that achieves the correct capture velocity for your application in order to maximize filter life.

**** Noise level: At typical operating speed.



AD Oracle iQ

Fume Extraction System-Advantage Range



Datasheet

Technical Specification and Product Information

Amid-sized system for a range of laser applications.

The AD Oracle iQ integrates a variety of features, including our Intelligent Operating System (iQ), into one unique system. This versatile system is suitable for a wide range of laser applications.

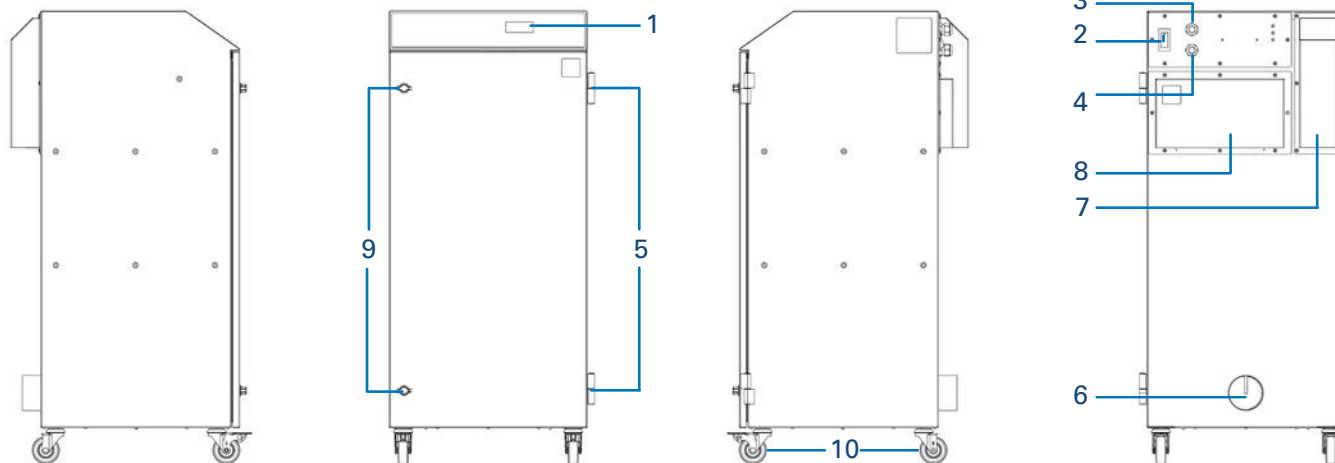
FEATURES

- High contrast display
- Real-time airflow reading
- Independent filter condition monitoring
- Blower with high airflow and pressure
- Remote diagnostics via USB

Approvals: UKCA and CE | cUL | UL*



TECHNICAL SPECIFICATION



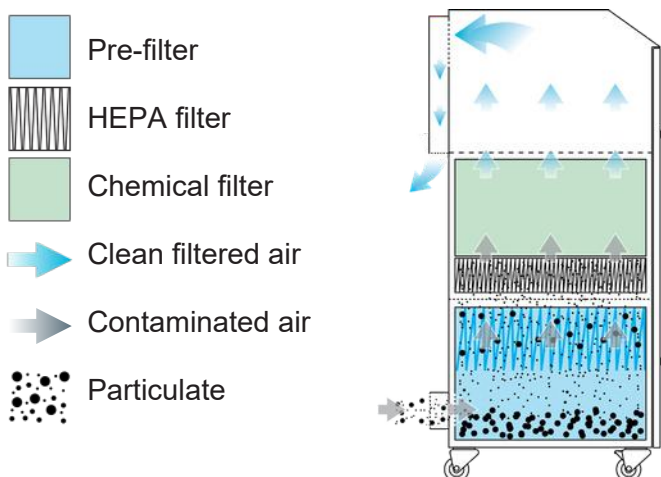
1. iQ display
2. On/off switch
3. Power cable
4. Signal/interface cable
5. Door hinges

6. Hose inlet connection - 2.9" (75mm)
7. Exhaust outlet
8. Blower cooling inlet
9. Door latches
10. Castors

TECHNICAL DATA

Voltage	Unrestricted airflow** (+/- 10%)		Settable airflow range***		Pressure (+/- 10%)	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level	Frequency	Full load current
	V	cfm	m³/hr	cfm	m³/hr	mbar	in	mm	lbs	kg	dB(A)	Hz
115-230	241	410	59-224	100-380	95	38.4 x 17.5 x 19.9	975 x 455 x 505	143	65	< 70	50/60	12.5

AIRFLOW



PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 115-230 V No options	1U30811022-1275
Powder-coated, 115-230 V 24 V S/S, SOK	1U630811022-1275
Stainless steel, 115-230 V No options	1U30106022-1275
Stainless steel, 115-230 V 24 V S/S, SOK, O/R, and VOC	1U8730106022-1275
Stainless steel, 115-230 V O/R, USA plug	1U4060106022-1275
Stainless steel, 115-230 B 24 V S/S, SOK, O/R, SHK, USA plug	1U4660106022-1275

FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft ²	m ²	
DeepPleat DUO pre-filter	129.1	12	ePM1 70%
Combined filter (HEPA)	49.5	4.6	99.995% @ 0.3 microns

Model	Activated carbon volume	
	ltr	
Combined filter (gas)	15.5	

PART NUMBERS - FILTERS

DeepPleat DUO pre-filter	Combined filter
1UA1030156	1UA1030155

CUSTOMIZATIONS

Options

Power cables
Remote stop/start signal (S/S)
System OK signal (SOK)
Override (O/R)
VOC sensor
NOx sensor
Blanking plate/exhaust box/exhaust spigot

Cabinet construction

Brushed stainless steel
Powder-coated mild steel (RAL7016)

Power cables

Type B
Type E
Type G
Type free ends

Compatible accessories:

Spark Arrestor
2 AD Cyclone
ILF 300
ILF 600
ILF 1000

*cUL | UL: Tested to the appropriate standards, but testing may be provided by alternate nationally recognized test laboratories. Certain product configurations may affect the certification. Please speak to your sales representative.

** Unrestricted airflow: The airflow values provided with clean filters, no hose kit, at 230 V, measured by using a wind vane. The numbers may vary depending on voltage and test procedure used.

*** Settable range: Donaldson BOFA recommends utilizing the lowest flow rate that achieves the correct capture velocity for your application in order to maximize filter life.

**** Noise level: At typical operating speed.



AD PVC iQ

Fume Extraction System - Advantage Range



Datasheet

Technical Specification and Product Information

A system designed to filter fumes generated during the lasering of PVC materials.

The AD PVC iQ extraction system is designed to filter fumes generated during the lasering of PVC materials. In addition to many of the standard features included in the AD Oracle iQ module, this system also comes equipped with HCl and VOC gas sensors that continuously monitor exhaust air, plus all internally exposed surfaces have been coated to resist corrosive fumes.

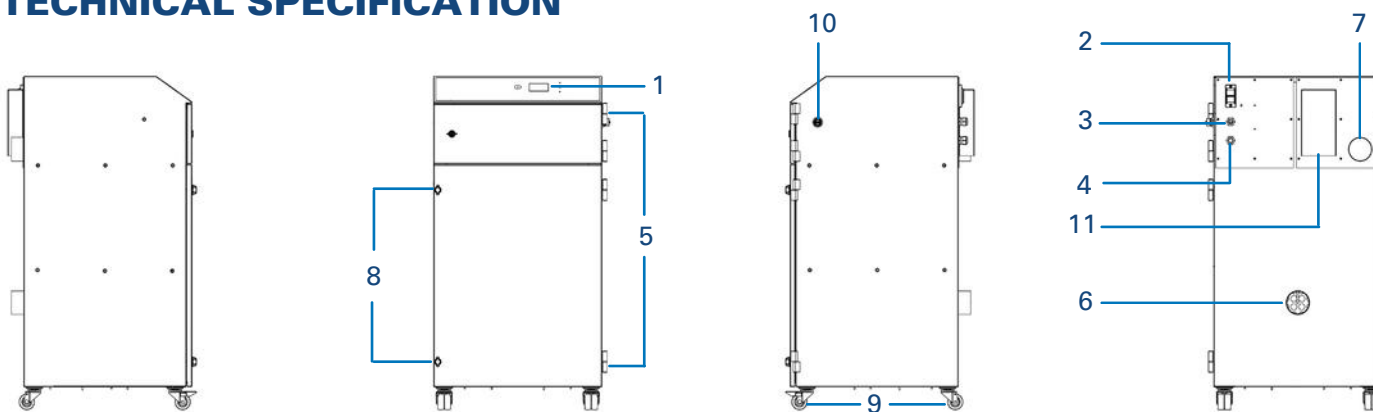
FEATURES

- Blower with high airflow and pressure
- Acid resistant coatings
- HCl and VOC gas sensors
- Compact design
- Low noise levels
- High contrast display
- Real-time airflow reading
- Independent filter condition monitoring
- Remote diagnostics via USB



Approvals: UKCA and CE | cUL | UL*

TECHNICAL SPECIFICATION

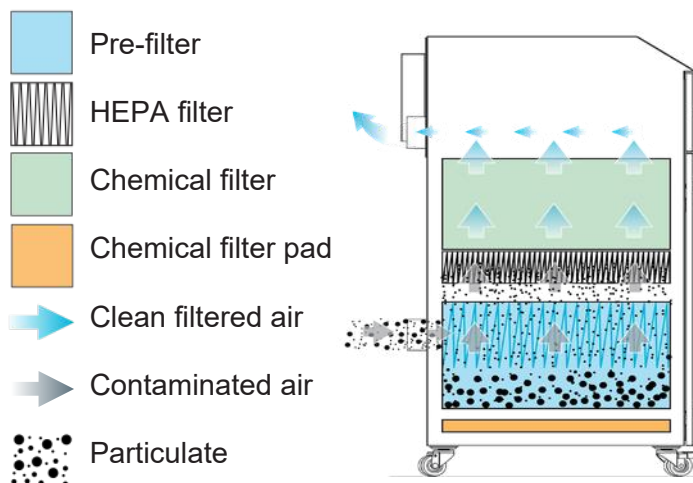


1. iQ display
2. On/off switch
3. Power cable
4. Signal/interface cable
5. Door hinges
6. Hose inlet connection - 2.9
7. Exhaust outlet
8. Door latches
9. Castors
10. USB port
11. Compressed air outlet

TECHNICAL DATA

Voltage	Airflow		Pressure (+/- 10%)	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level	Frequency	Full load current
	V	cfm		m³/hr	mbar	in	mm			
115-230	206	350	96	42.9 x 22.4 x 23.6	1090 x 570 x 600	209	95	< 60	50/60	12.5

AIRFLOW



FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft ²	m ²	
Pre-filter bag	21.5	2	95% @ 0.9 microns
Combined filter (HEPA)	32.3	3	99.997% @ 0.3 microns

Model	Activated carbon volume	
	lbs	kg
Combined filter (gas)	46.3	21

PART NUMBERS - FILTERS

Pre-filter bag	Combined filter	Chemical pad filter
1UA1030081	1UA1030082	1UA1030083

PART NUMBERS - SYSTEM

Description	Part number
Stainless steel, 115-230 V No options	1U671854530106026-1480
Stainless steel, 115-230 V 24 V S/S and SOK	1U1343997180106030-1480
Stainless steel, 115-230 V 24 V S/S, SOK, O/R, USA plug	1U1343705580106030

CUSTOMIZATIONS

Options

Power cables
Remote stop/start signal (S/S)
System OK signal (SOK)
Override (O/R)
VOC sensor
HCl sensor
Exhaust spigot

Power cables

Type B
Type E
Type G
Type free ends

Cabinet construction

Brushed stainless steel

*UL: Tested to UL standards, but testing may be provided by alternate nationally recognized test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

** Noise level: At typical operating speed.

A001 Smoke Purification Equipment



The A001 is a self-contained, indoor-rated fume and smoke purification unit designed for multi-station soldering, laser engraving, laser marking, wave soldering, polishing, ink printing, and chemical laboratory applications. Utilizing a triple-stage physical filtration architecture, the A001 captures particulate matter, hazardous gases, and large-particle dust at 99.99% efficiency down to $0.3\ \mu\text{m}$ — delivering clean, recirculated air directly back into the workspace without the need for external ductwork or building exhaust connections.

250

Air Volume

m^3/h maximum throughput

99.99%

Filtration Efficiency

At $0.3\ \mu\text{m}$ particle size

100W

Power Draw

AC 220V / 50Hz input

$\leq 65\text{dB}$

Noise Level

Quiet enough for shared
workspaces

15kg

Unit Weight

Mounted on four caster wheels

Specifications & Structure

Full Technical Specification

Parameter	Value
Model	A001
Air Inlet Flange	φ75mm (3–6 in. flange compatible)
Input Voltage	AC 220V 50Hz (AC 110V optional)
Output Power	100W
Air Volume	250 m³/h
Filtration Efficiency	99.99% @ 0.3 μm
Noise Level	≤65 dB
Overall Dimensions	L440 × W250 × H500 mm
Unit Weight	15 kg
Packed Size (Host)	L500 × W320 × H550 mm
Packed Weight	18 kg
Mobility	Four-wheel caster base
Motor Type	Brushless DC, built-in controller
Speed Control	Stepless (variable) speed adjustment

Key Application Scope

- Multi-station soldering iron and wave soldering (4–6 stations)
- Laser engraving and laser marking
- Immersion/solder machine tin operations
- Polishing, ink printing, and chemical experiments

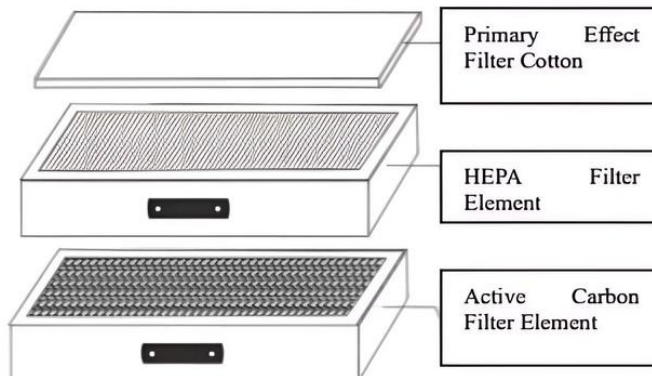
Exterior Structure



The A001 features a pollutant suction inlet (φ75mm, top-center), a front-facing operating control panel with stepless speed knob, a rear-panel 220V 50Hz power input, and left-side ventilation slots that discharge purified air back into the workspace.

Filter Maintenance

Filter Layer Assembly



The modular three-layer stack must always be installed in the correct sequence from top to bottom: Primary Effect Filter Cotton → HEPA Filter Element → Active Carbon Filter Element. Never alter the placement sequence. Always observe the directional arrow printed on the primary filter cotton packaging during installation.

Recommended Replacement Intervals

Primary Effect Filter Cotton

Every ~15 days. When suction weakens or cotton turns yellow/black, replace or knock clean (max 5 reuses).

Accumulated particles may be cleared by inverting and tapping.

HEPA Filter Element

Every 2–5 months. Disposable — replace when suction weakens or both faces turn black. Do not attempt cleaning or reuse.

Activated Carbon Filter Element

Every 3–8 months. Replace when odor is detected at air outlet after confirming upstream filters are fresh. Can be sun-dried for 2–3 hours to regenerate (max 3 times).

All replacement cycles are approximate and vary depending on the pollutant load of the specific operating environment.



PACKTRONIC

EXCELLENCE IN TRACEABILITY

PACKTRONIC CODING EQUIPMENT ACCESSORIES



Product Catalogue
Developed by Packtronic (Pty) LTD

Packtronic High-Speed Intelligent Conveyor Belt



Engineered for precision assembly line integration, the Packtronic Conveyor Belt delivers reliable, high-throughput product transport paired seamlessly with coding and marking machines. Built on a robust stainless steel frame with aluminum alloy options, this system is designed to meet the rigorous demands of modern production environments — offering full customization in size, motor configuration, and speed control to match any line layout or throughput requirement.



Customizable Size

Configure width, belt thickness, and frame height to fit your exact production line geometry. Standard sizes available immediately; custom dimensions on request.

- Belt Width: 300mm / 400mm / 500mm or custom
- Frame:
1500×380×750mm,
1500×480×750mm, or
custom

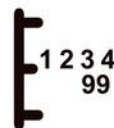


Motor Customization

Choose between a variable frequency motor for precision speed regulation or a standard motor for cost-effective high-volume applications.

Compatible with both 110V and 220V power supplies.

- Variable frequency motor (VFD)
- Ordinary motor option
- Frequency regulation standard



Variable Speeds

Electronic speed regulator delivers smooth, stepless control across the full operational range. An optional frequency regulator provides enhanced precision for high-accuracy coding alignment.

- Speed range: 0–30 m/min
- Electronic speed regulator standard
- Frequency regulator optional



Start/Stop Function

Programmable start/stop timing enables precise synchronization with upstream and downstream coding equipment, minimizing waste and maximizing throughput on fully automated lines.

- Customized start/stop function
- Configurable start/stop time intervals
- Ideal for batch and continuous operation



Technical Specifications & Product Characteristics

The Packtronic Conveyor Belt is purpose-built as a **production line coding machine partner**, combining a durable PVC belt surface with an adjustable baffle positioning system to ensure consistent product presentation at every coding station. The friction-driven paging mechanism accommodates a broad range of substrates — from paper and plastic bags to card stock — making it a versatile solution for packaging, labeling, and print-and-apply operations across industries.

Core Parameters

Parameter	Specification
Paging Mode	Friction
Standard Sizes	1500×380×750mm 1500×480×750mm
Belt Width	300 / 400 / 500mm (Custom)
Frame Material	Stainless Steel (Aluminum Alloy optional)
Motor Supply	110V / 220V

Product Characteristics

Feature	Detail
Speed Regulator	Electronic (Frequency optional)
Speed Range	0–30 m/min
Position Control	Adjustable Baffle
Belt Material	PVC, 2mm thickness
Application	Paper, Plastic Bags, Card, etc.

 **Partner Integration:** The Packtronic Conveyor Belt is optimized as a coding machine partner for production lines handling paper, plastic bags, card stock, and similar substrates. Contact our engineering team for line-specific configuration support and custom dimension quotations.

Feeder Paging Machine



A high-speed, intelligent paging solution engineered for seamless integration with assembly line coding operations. Built from heavy-duty stainless steel with precision-adjustable components, this machine delivers consistent, reliable sheet separation at speeds up to 60 m/min — making it the ideal partner for industrial printing, packaging, and labeling workflows.



Customizable Size

Width, thickness, and height can all be tailored to your production requirements. Standard widths of 300 mm, 400 mm, and 500 mm are available, with fully custom dimensions on request to fit your existing line footprint.



Motor Customization

Choose between a variable frequency motor or a standard ordinary motor with frequency regulation. Supports 110 V and 220 V power supplies, giving you the flexibility to integrate into virtually any facility electrical standard.



Synchronous Counting

An integrated counter continuously records the total number of pages fed, enabling accurate production tracking, batch management, and quality assurance without the need for additional instrumentation.



Start / Stop Function

Fully customizable start and stop timing logic allows operators to synchronize the feeder precisely with downstream coders or printers. Programmable start/stop intervals reduce misfeeds and minimize downtime during transitions.



Technical Specifications

The Feeder Paging Machine is engineered to meet the rigorous demands of high-throughput production environments. Its friction-based paging mechanism, dual adjustable baffles, and dual pressure bars ensure precise, single-sheet separation across a wide range of substrates — from lightweight paper and plastic bags to rigid cards and multi-layer packaging materials. The PVC conveyor belt (2 mm thickness) provides consistent grip and wear resistance over extended production runs. All critical contact surfaces are constructed from food-grade stainless steel as standard, with aluminum alloy frame options available for weight-sensitive installations.

Product Parameters

Parameter	Specification
Paging Mode	Friction
Machine Size	1500×380×750 mm 1500×480×750 mm or Custom
Paging Width	300 mm / 400 mm / 500 mm or Custom
Frame	Stainless Steel (Aluminum Alloy Optional)
Conveyor Belt	PVC, 2 mm thickness
Motor Voltage	110 V / 220 V
Speed Regulator	Electronic (Frequency Regulator Optional)
Speed Range	0 – 60 m/min
Positioning	Double Adjustable Baffle + Double Pressure Bar
Feeding	Fixed by adjustable baffle
Paging Adjustment	Adjustable screws on baffle
Application	Paper, Plastic Bags, Cards, etc.

Key Application Areas

Printing & Publishing

High-speed paper and card feeding for inline inkjet and laser coding systems.

Packaging Lines

Accurate separation of plastic bags and flexible packaging for barcode or date coding.

Card & Label Production

Precise single-sheet delivery of rigid cards, labels, and multi-layer substrates.

Assembly Line Integration

Synchronizes seamlessly with downstream coders, printers, and inspection systems.

-  All specifications are subject to change. Custom dimensions, motor configurations, and frame materials are available upon request. Contact your sales representative for application-specific recommendations.

R-LINK Barcode Verification System

☆ EXCELLENCE IN TRACEABILITY



The R-LINK system represents a breakthrough in barcode verification technology, combining print-and-verify capabilities with verify-and-print functionality. Developed through the partnership of Packtronic and Rynan Technologies, this comprehensive solution ensures fast, reliable, and accurate barcode scanning for business operations requiring precision traceability.

The system's touchscreen interface provides real-time monitoring of verification progress, displaying critical metrics including total codes processed, verification status, and detailed pass/fail analytics. With processing times as fast as 9 milliseconds per code, R-LINK delivers enterprise-grade performance while maintaining exceptional accuracy in detecting duplicate codes, validating database entries, and rejecting invalid barcodes.

Reliable Scanning

Advanced barcode verification technology ensures consistent, accurate reads across all code formats

Database Validation

Accurate code database checking prevents errors and maintains data integrity throughout operations

Duplicate Detection

Intelligent algorithms identify and flag duplicate codes instantly, protecting against counterfeiting

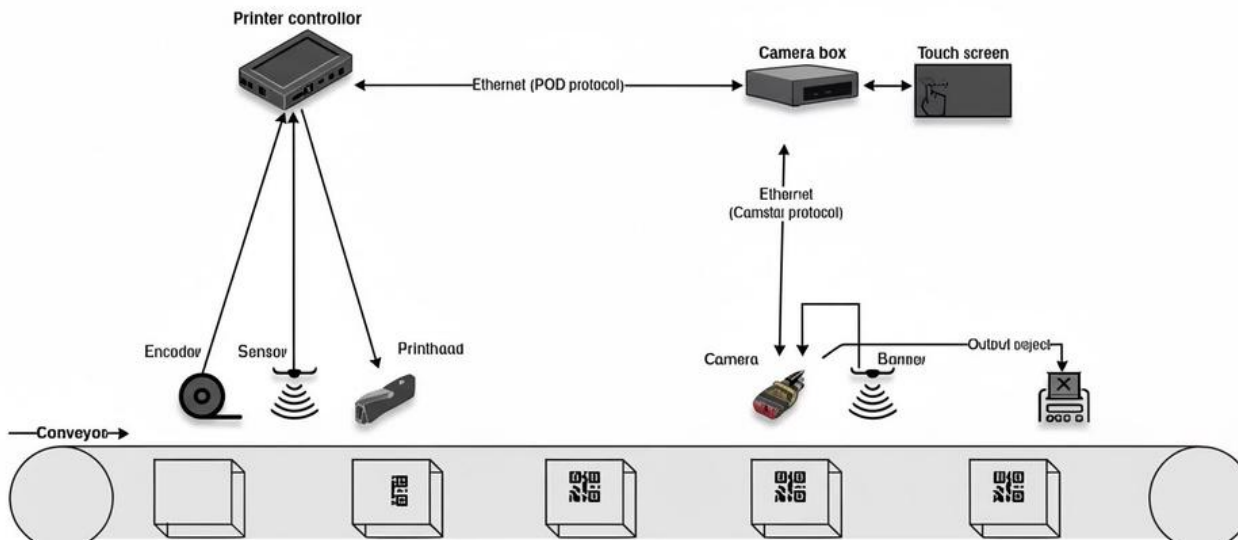
Automatic Rejection

Invalid barcodes are immediately rejected, ensuring only verified codes proceed through your workflow



System Architecture & Capabilities

The R-LINK system operates through an intelligent four-step workflow that seamlessly integrates printing and verification. The Camera Box communicates with the printer to specify what to print, the printer generates the barcode or QR code, the camera reads and transmits the information back to the Camera Box, and R-LINK performs comprehensive verification checks before signaling the camera to reject any incorrect labels. This closed-loop system ensures zero defects reach your production line.



01

Camera Box Control

Initiates the process by instructing the printer on what barcode or QR code to generate

02

Code Printing

Printer produces the barcode or QR code with precision on labels or packaging materials

03

Camera Verification

High-speed camera reads the printed code and transmits data back to the Camera Box for analysis

04

Quality Control

R-LINK validates the code against multiple criteria and triggers rejection of any incorrect labels

Technical Specifications

R-LINK supports all R-Series printers via POD protocol and integrates seamlessly with Cognex DM- Series cameras. The system offers dual operating modes—Print & Verify and Verify & Print—providing flexibility for diverse production environments. Data verification capabilities include barcode readability assessment, static string validation, database existence checks, and duplicate detection. The system outputs error signals compatible with rejecter systems and third-party integrations, running on Windows 10 and 11 platforms.

User Interface Excellence

The software features three intuitive pages: the Main Form Page for effortless business operations management, the Job Management Page for tracking and prioritizing work tasks, and the comprehensive Settings Page for camera and printer configuration. Print data management supports both TXT and CSV file formats, enabling seamless integration with existing enterprise systems and workflows.

**PACKTRONIC**

EXCELLENCE IN TRACEABILITY

R-CURE UV Lamp For TIJ Inks Curing



The R-CURE is a compact UV curing lamp engineered for producing high-quality and long-lasting print results. Designed by Rynan Printing, this advanced UV curing solution delivers professional-grade performance in a versatile, efficient package. The system combines powerful 395nm wavelength UV technology with intelligent design features to ensure optimal curing across a wide range of thermal inkjet printing applications.

With its air-cooled design and adjustable power levels, the R-CURE provides reliable operation while maintaining ease of use. The lamp's compact footprint and straightforward setup make it an ideal solution for businesses seeking to enhance their printing capabilities with professional UV curing technology. Whether you're working with packaging, labels, or other printed materials, the R-CURE delivers consistent, high-quality results that meet the demanding standards of modern industrial printing environments.



Versatile

- Easy Setup
- Wide Effective Area
- Adjustable Power Level



Efficient

- Rapid UV Curing
- Fully Compatible With R-Series
- Air-Cooled Operation

Technical Specifications

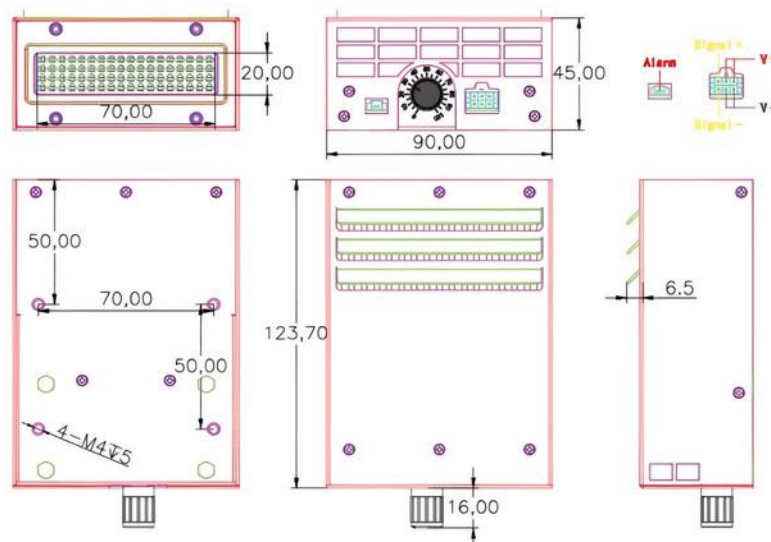
The R-CURE UV lamp is engineered with precision specifications to deliver optimal performance across diverse printing applications. Operating at a 395nm wavelength with 13W/cm² optical power, the system provides powerful UV curing capabilities within a compact 90 × 45 × 123 mm footprint. The effective irradiated area of 70 × 20mm ensures comprehensive coverage, while the recommended operating height of 2-5mm allows for flexible installation configurations.

Power & Performance

- Wavelength: 395nm
- Optical Power: 13W/cm²
- Lamp Power: 180W
- Power Input: DC 5-24V

Physical Specifications

- Effective Area: 70 × 20mm
- Dimensions: 90 × 45 × 123mm
- Recommended Height: 2-5mm
- Cooling: Air-Cooled



The technical line drawing illustrates the precise dimensions and connection details of the R-CURE system. The compact design features integrated control dial and alarm indicator on the front panel, with clearly marked electrical connections for Signal +, Signal -, and V+ to ensure straightforward installation and operation.

R-CURE

Efficient UV Curing For Printing Processes

The R-CURE is a compact Efficient UV Curing Device for Diverse Industries.

- Easy to use
- Compact
- Rapid Curing



TECHNICAL SPECIFICATIONS

Wavelength	395nm
Optical Power	13W/cm ²
Effective Irradiated Area	70*20mm
Lamp Power	180W
Recommended Height	2-5mm
Cooling Method	Air-Cooled
UV Lamp Dimensions	90*45(50.5)*123mm
Power Input	DC 5-24V

R-LINK

Barcode Verification System

R-LINK is a fast, reliable barcode verification system that ensures accurate scanning, printing, and error detection. It supports all R-Series printers, B1040 PRO and MAX models.

- Reliable Barcode Scanning Verification
- Accurate Code Database Check
- Detect Duplicate Codes Easily



TECHNICAL SPECIFICATIONS

Communication	Supports all Cognex DM-Series cameras
Features	Print data management and control (txt, csv file) Operating Mode • Print & Verify mode • Verify & Print mode Data Verification Support • Readability of Barcode • Barcode data with a static string • Barcode data exists in the database • Barcode data is not duplicated Output error signal for rejector / third party system
Operating System Support	Windows 10, 11

9000 Series Accessories brochure



Making printing one less thing to worry about

Printer and printhead mounting options

Linx offers a wide range of mounting accessories for positioning printers and printheads.



Unique relocating mechanism that enables the printhead to be returned exactly to its original position after routine maintenance.



Applications requiring orientation at non-standard angles can be easily accommodated.



Wide range of interchangeable parts to meet current and future requirements



Made of stainless steel and other tough materials for durability

Haltbar range of printer mountings

A modular and robust range of fixed and mobile options to match customer requirements in washdown environments. Can be assembled on-site with simple tools.

In all configurations, the printer can be bolted to the mounting for additional stability.



Shelf FA62100

Robust shelf for wall-mounting a Linx printer. Maintains access for routine service, input/output connections, and fluid cartridge change.



Bolt-down cabinet FA62104

Suitable for printers that are rarely moved and require a cabinet. Can be bolted to the floor for ultimate stability. End caps prevent liquid ingress.



Bolt-down stand FA62101

Suitable for printers that are rarely moved and don't require a cabinet. Can be bolted to the floor for ultimate stability. Perforated shelves and end caps prevent liquid ingress and pooling.



Trolley cabinet FA62105

Stand cabinet FA62106

Available with either large lockable wheels or adjustable feet. Compatible with the standard range of Linx pole-mount accessories.



Trolley FA62102

Stand FA6210

Available with either large lockable wheels or adjustable feet. Compatible with the standard range of Linx pole-mount accessories.

For use in harsh environments: Castor Set - Washdown Safe, FA62110, provides four replacement castor wheels with stainless steel parts designed to withstand chemical washdown fluids.

Standard printhead mounting assemblies

These packs contain the parts necessary for the most common printhead mounting positions. The height of the printhead mounting bracket can be adjusted manually (via the cross joint), and its orientation varied between horizontal and vertical.

These assemblies can be modified easily by adding new parts.



**Fixed floor-mount assembly
FA62070**
Fixed printhead mount to position the printhead away from the printer. Can be bolted to the floor for ultimate stability.

Includes:

- Base – floor mount, fixed FA62051
- Two 0.5 m poles FA62056
- 1.0 m pole FA62055
- In-line joint FA62058
- Cross joint FA62048
- Adjustable printhead bracket, pole mount FA62047

Dimensions (mm):
1500 H x 615 W x 200 Base Ø



**Mobile floor-mount assembly
FA62041**
Moveable printhead mount to position the printhead away from the printer.

Includes:

- Base – floor mount, mobile FA62052
- Two 0.5 m poles FA62056
- 1.0 m pole FA62055
- In-line joint FA62058
- Cross joint FA62048
- Adjustable printhead bracket, pole mount FA62047

Dimensions (mm):
1500 H x 615 W x 535



**Printhead support assembly
FA62107**
Slots into the Haltbar base so the printhead support can be moved with printer mountings. Compatible with: FA62116, FA62117, FA62113, FA62114.

- Includes:
- Two 0.5 m poles FA62056
 - 1.0 m pole FA62055
 - In-line joint FA62058
 - Cross joint FA62048
 - Adjustable printhead bracket, pole mount FA62047

Dimensions (mm):
1500 H x 615 W

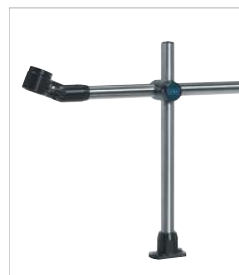


**Direct vertical assembly
FA62042**
For mounting onto a vibration-free, vertical surface on the production line.

Includes:

- Base – Two fixed direct vertical mount FA62049
- 1.0 m pole FA62055
- 0.5 m pole FA62056
- Cross joint FA62048
- Adjustable printhead bracket, pole mount FA62047

Dimensions (mm):
1000 H x 615 W



**Direct horizontal assembly
FA62043**
For mounting onto a vibration-free, horizontal surface on the production line.

- Includes:
- Base – fixed direct horizontal mount

- FA62050
- Two 0.5 m poles FA62056
 - Cross joint FA62048
 - Adjustable printhead bracket, pole mount FA62047

Dimensions (mm):
1000 H x 615 W

Pole specification

31.8mm outside diameter, 2mm wall thickness.
Welded stainless steel tube.

Printhead mountings



All parts are interchangeable, making it easy to custom-build printhead support structures and modify them when required.



Adjustable printhead bracket,
Pole mount FA62047

Allows the printhead to be adjusted from horizontal to vertical, the mounting of an M18 bodied product sensor and a fibre optic sensor.

A printhead cover tube sleeve ensures correct replacement of the printhead after cleaning.

Dimensions (mm):
50 H x 58 W x 152 D



Printhead bracket handscrew clamp FA67056

Enable convenient manual fastening without the use of a hexagonal key on Adjustable printhead bracket, pole mount FA62047

Can be ordered separately or as a Handscrew printhead bracket pole mount FA62066.



Fixed printhead bracket,
Pole mount FA62046

For applications where no angular adjustment of the printhead is required. Provides mounting of an M18 bodied product sensor and a fibre optic sensor.

A printhead cover tube sleeve ensures correct replacement of the printhead after cleaning.

Dimensions (mm):
50 H x 58 W x 100 D



Fixed printhead bracket,
Direct mount FA62044

For applications where no angular adjustment of the printhead is required. Provides mounting of an M18 bodied product sensor and a fibre optic sensor.

A printhead cover tube sleeve ensures correct replacement of the printhead after cleaning.

For mounting on a flat surface on the printer or production line.

Dimensions (mm):
52 H x 58 W x 115 D



Handscrew printhead bracket pole mount FA62066

Enable convenient manual fastening without the use of a hexagonal key
Printhead bracket handscrew clamp FA67056 can also be ordered separately.

Dimensions (mm):
50 H x 58 W x 100 D



Spare indexing sleeve for printhead cover tube
FA62057

To position the printhead into a printhead bracket. Mounts onto the printhead cover tube and ensures correct replacement of the printhead after cleaning.



**Mobile floor mount base
FA62052**
A strong tripod base that prevents tilting. To build a moveable printhead mounting structure.

Dimensions (mm):
100 H x 615 W x 535 D



**Fixed floor mount base
FA62051**
A solid disc base for bolting to the floor. Complete with M8 expansion bolt fittings.

Dimensions (mm):
60 H x 200 Ø



**Direct horizontal mount
FA62050**
To mount a pole onto a vibration-free, horizontal surface on the printer or production line. Complete with M6 fittings.

Dimensions (mm):
60 H x 90 W x 50 D



Direct vertical mount FA62049
To mount a pole onto a vibration-free, vertical surface on the printer or production line. Complete with M6 fittings.

Dimensions (mm):
50 H x 90 W x 60 D



Cross joint FA62048

Allows two poles to be mounted firmly and securely at right angles to each other by means of a hexagonal key.

Dimensions (mm):
100 L x 50 D



Handscrew adjustable cross joint FA62065
This has the same function as the Cross joint FA62048 but allows manual fastening by means of handscrews.



**Handscrew clamp (cross joint)
FA67055**

Two handscrew clamps can be fitted to the cross joint FA62048 to enable manual fastening without the use of a hexagonal key.

Can be ordered separately or as a handscrew adjustable cross joint assembly FA62065.



Poles and in-line joint

Two different lengths of 1 1/4" (32 mm) diameter stainless steel pole are available for flexibility in printhead mounting configuration.

Both pole mount printhead brackets can be attached to any of these poles.

Pole 0.5 m FA62056
Pole 1.0 m FA62055
In-line joint FA62058



Cable tidy FA62059

Secures two cables to the outside of 32mm diameter poles.

Supplied in packs of 10.



**Printhead cover sleeve
FA20020**

Seals the interface between the cover tube and the print head, to protect the interior of the printhead from drips or splashes.

Product sensors

On any production line it is vital that on-line printers are correctly and consistently triggered to print a high quality message in the right place at the right time. Photocells and other sensors are simple and reliable devices that can be used with a printer to achieve this consistency.

The Linx range of product sensors supports coding of products of different sizes, colours and materials:



Photocells and inductive switches to sense a wide range of products including very small objects and those with highly reflective surfaces



Mounting brackets available and fitted connectors for easy install



Tested with Linx printers – meet E.U. and U.S. EMC standards



Robust designs - protected to IP65 or above

SENSOR TYPE			
	Reflection light beam scanner FA61105	Retro-reflective light beam switch with polarisation filter FA61108	Inductive proximity switch FA61100
OPERATING PRINCIPLE	Infra-red light reflected by the product	Product breaks light beam	Electromagnetic induction
APPLICATION	General-purpose	Shiny, reflective products such as glass bottles and foil trays	Ferrous and non-ferrous metals, e.g. cans
SENSING RANGE	20 – 170 mm (adjustable)	100 – 1000 mm	3 – 9 mm
MATERIAL	M18 chromium plated brass body and nuts	Rectangular re-inforced plastic body	M18 chromium plated brass body and nuts
ENVIRONMENTAL PROTECTION RATING	IP65	IP67	IP67
DIMENSIONS (MM)	56 x 18 (dia)	38 x 18 x 13	60 x 18 (dia)
AMBIENT TEMPERATURE RANGE (OPERATIONAL)	-10°C to 60°C		
SPEED OF RESPONSE	1 msec	0.5 msec	2 msec
CABLE LENGTH	5 m		
COMPATIBILITY WITH MOUNTING BRACKETS	FA099050 FA62035	Bracket supplied for production line mounting	FA099050 FA62035
OTHER INFORMATION	Plastic lens	Plastic lens, Supplied with reflector, Light / dark switching selected by wiring	

SENSOR TYPE				
	Through beam fibre-optic sensor FA63069		Reflective fibre-optic sensor FA536002	
OPERATING PRINCIPLE	Product breaks a visible light beam carried by fibre-optic cables from a control unit (FA63068 to be ordered separately)			
APPLICATION	For use in inaccessible places and to scan small items or items with only a small gap between them		For use in inaccessible places and to scan small items	
SENSING RANGE	Up to 250 mm (adjustable)		Up to 50 mm (adjustable)	
MATERIAL	Control unit: Rectangular polycarbonate housing Fibre-optic cables: Polyethylene coated plastic fibres			
ENVIRONMENTAL PROTECTION RATING	IP67			
DIMENSIONS (MM)	Control unit: 39 x 31 x 13 Fibre-optic end fittings: M4		Control unit: 39 x 31 x 13 Fibre-optic end fitting: M6	
AMBIENT TEMPERATURE RANGE (OPERATIONAL)	-10°C to 60°C			
SPEED OF RESPONSE	0.5 msec			
CABLE LENGTH	Electrical cable: 5m, Fibre-optic cables: 2m (can be cut on site)			
COMPATIBILITY WITH MOUNTING BRACKETS	DIN-rail mount or surface mount using a bracket and FA62046 Printhead bracket fixed - pole mount		DIN-rail mount or surface mount using FA62047 bracket	
MINIMUM BEND RADIUS OF FIBRE-OPTIC CABLES:	9mm		9mm	

Mounting brackets for product sensors



Sensor mounting bracket FA099050
To mount M18 bodied sensors onto the printhead bracket or other suitable surface on the production line.

Can be rotated in two different planes to get the best orientation of the sensor.



Sensor cover tube mounting bracket FA62035
Simple acetal bracket that clamps directly onto the Linx printhead cover tube and allows M18 bodied sensors to be positioned immediately adjacent to the printhead.

Dimensions (mm):
149 x 58 x 13

Sensor accessories



'D' type extension cable FA63034



Fibre Optic control unit FA63068



PDEM cable FA63040

This cable enables printers to be daisy-chained together so that one product sensor can drive up to 8 printers, and one shaft encoder can drive up to 4 printers.

Shaft encoders

Production lines are typified by intermittent stop-starts and variable speeds. Installing a shaft encoder allows the Linx printer to automatically compensate for this variability and ensure consistent print.



Comprehensive range of wheels to achieve desired print width



Mounting brackets available and fitted connectors for easy install



Tested with Linx printers – meet E.U. and U.S. EMC standards



Robust designs - protected to IP67 for low maintenance and long life even in harsh production environments

Shaft encoders



2500 PPR* IP67 Shaft encoder FA61110

5000 PPR* IP67 Shaft encoder FA61112

*Pulses per revolution

Compatible wheels

500mm fluted Hytrel wheel 24mm wide FA910042

500mm rubber wheel 6mm wide FA910020

200mm polyurethane wheel 24mm wide FA910024

200mm rubber wheel 6mm wide FA910023

200mm fluted Hytrel wheel 12mm wide FA910006

Mounting brackets and couplings for shaft encoders

Shaft encoders can be mounted to be driven by a convenient drive shaft, the conveyor, or the product itself (if continuous).

Linx offers a choice of brackets to make installation as convenient and robust as possible.



Flat, bendable bracket

FA61098

For installing an encoder into a tight spot, this bracket can be adjusted on site by bending it to fit the application. If a stiffer bracket is required, two can be used together.

Dimensions (mm):
110 H x 60.75 W x 1.2 D



Spring coupling

FA910039

Good general-purpose aluminium coupling, allowing for shaft misalignment.

Dimensions (mm):
16 Ø x 35 W



L-shaped flange

FA61096

This bracket holds the encoder securely at a right angle to the production line mounting surface.

Dimensions (mm):
76.2 H x 75 W x 38.1 D



Spring coupling

FA910040

Good general-purpose coupling. Made of stainless steel, it is ideal for hygiene-critical applications.

Dimensions (mm):
16 Ø x 25.4 W



Bell housing

FA910034

A neat way of mounting the encoder onto the ends of shafts using the Oldham coupling. The housing holds the encoder rigidly and protects the coupling from damage and contamination.

Dimensions (mm):
82.5 Ø x 38.4 W



Oldham coupling

FA910041

A short coupling for mounting on the ends of shafts, especially with the Bell housing.

Dimensions (mm):
19 Ø x 26 W

Standard alarms

Linx offers single-stage alarms as standard accessories, and volt-free contacts that can be added for customer alarms.



The flashing light can be used to indicate any one of a number of printer conditions, for example low ink or solvent levels and disabled print. Compatible with the Linx mounting poles.

All alarms feature:

- Flashing frequency: twice per second (2 Hz)
- IP55 rated

Pole mount alarm beacon FA64006

Audio/Visual alarm FA64017

Extra cable tidies to secure alarm cables to poles FA62059

Spare alarm lens cover FA71083

Alarm and IO (Input Output) accessories

Linx 9900 only

RS232 is a legacy technology replaced by USB and Ethernet. Linx offers an RS232 connection on the 9900 printer as an accessory to connect to legacy systems.

Upgrade description and ordering number	Physical Connection(s)	Electrical connections and signals	Typical applications	Software requirements
Single stage 24V single stage alarm is standard with all printers	2-pin Bulgin plug. Primary use is with Linx single stage alarms. A 2-way Alarm Bulgin connector is also available FA69007	24V, 0V, pulsed or constant	Single stage alarm driven by a printer status like 'low fluids'	All releases of system software
RS232 FA11206	9-pin 'D' type plug	-15V,+15V RS232 protocol	RS232 remote communications using SCP ¹ or RCI ²	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00
RS232 and VFC connection FA11207	RS232: 9-pin 'D' type plug Single stage VFC ³ output is 6-pin Bulgin plug, includes alarm input connector	-15V,+15V RS232 protocol VFC ³ switched with connections 'Common', 'Normally open' and 'Normally closed', plus relay N.O.Off standard alarms	RS232 remote communications using SCP ¹ or RCI ² VFC ³ powered single stage alarm linked to a printer status, for example 'printing active'	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00. All releases of system software
RS232 and VFC multistage alarm FA11214	RS232: 9-pin 'D' type plug Multi stage VFC ³ : 6-pin Bulgin plug, includes alarm input connector	-15V,+15V RS232 protocol Four VFC ³ s switched with connections 'Common', 3 x 'Normally open, 2 x 'Normally closed' which are triggered by a printer status	RS232 remote communications using SCP ¹ or RCI ² VFC ³ 3 stage switched alarm, linked to 3 different printer statuses, such as 'Printing', 'Printer failure', 'Low fluids', 'Power up'	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00 All releases of system software

RS232 and 24V multistage alarm FA11216	RS232: 9-pin 'D' type plug Multi stage 24V: 7-pin Bulgin plug, includes alarm input connector	-15V,+15V RS232 protocol Four 24V 200mA outputs which can be set to pulsed or continuous triggered by printer events	RS232 remote communications using SCP ¹ or RCI ² 24V three stage alarm, linked to 3 different printer statuses such as 'printing', 'not printing', 'low fluids'	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00 All releases of system software
RS232 and Parallel input/output FA11213	RS232: 9 Pin 'D' type plug Parallel input output: 25-way 'D' type plug	-15V,+15V RS232 protocol Eight outputs and inputs, in 6 standard configurations. For configuration details refer to Operating Manual	RS232 remote communications using SCP ¹ or RCI ² Integration of printer with production line PLC controllers	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00 All releases of system software
RS232 and Parallel input/output, with VFC multistage alarm FA11217	RS232: 9 Pin D-type plug Parallel input output: 25-way 'D' type plug Multi stage VFC ³ : 6-pin Bulgin plug, includes alarm input connector	-15V,+15V RS232 protocol Eight outputs and inputs, in 6 standard configurations. For configuration details refer to Operating Manual Four VFC ³ s switched with connections 'Common', 3 x 'Normally open, 2 x 'Normally closed' which are triggered by a printer status	RS232 remote communications using SCP ¹ or RCI ² Integration of printer with production line PLC controllers VFC ³ 3 stage switched alarm, linked to 3 different printer statuses, such as 'Printing', 'Printer failure', 'Low fluids', 'Power up'	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00 All releases of system software
RS232 and Parallel input/output, with 24V multistage alarm FA11218	RS232: 9 Pin D-type plug Parallel input output: 25-way 'D' type plug Multi stage 24V: 7-pin Bulgin plug, includes alarm input connector	-15V,+15V RS232 protocol Eight outputs and inputs, in 6 standard configurations. For configuration details refer to Operating Manual Four 24V 200mA outputs which can be set to pulsed or continuous triggered by printer events	RS232 remote communications using SCP ¹ or RCI ² Integration of printer with production line PLC controllers 24V three stage alarm, linked to 3 different printer statuses such as 'printing', 'not printing', 'low fluids'	To enable RS232 after fitting hardware order free of charge configuration code H-8-0-306-00 All releases of system software
Parallel input/output, with 24V and Volt Free Contacts multistage alarms FA11219	Parallel input output: 25-way 'D' type plug Multi stage VFC ³ : 15-way 'D' type plug Multi stage 24V: 7-pin Bulgin plug, includes alarm input connector	Eight outputs and inputs, in 6 standard configurations. For configuration details refer to Operating Manual Output is a 15-way 'D' type connector with four 24V 200mA outputs which can be set to pulsed or continuous triggered by printer events for example 'not printing' Four VFC ³ s switched with connections 'Common', 3 x 'Normally open', 2 x 'Normally closed' which are triggered by a printer status	Integration of printer with production line PLC controllers Three stage 24v alarm, linked to 3 different printer events VFC ³ 3 stage switched alarm, linked to 3 different printer statuses, such as 'Printing', 'Printer failure', 'Low fluids', 'Power up'	All releases of system software

1.SCP (Simple Communications Protocol)
2. RCI (Remote Communications Interface)
3.VFC (Volt Free Contact)

Linx Iris vision system

Linx 9000 series only

A vision system helps to ensure every code is printed correctly and consistently. It can automatically detect missing or unreadable codes, preventing unnecessary scrap and rework.

Ensure every code is present and correct with the easy-to-use Linx Iris vision system.



Inspects up to 4 prints per second, on lines running up to 2.5 m/s



Easy to install and use; Connects directly to the Linx 9000 Series printers with no external power, hardware or software required.



Built-in lighting and autofocus for the best quality image



Robust designs - protected to IP65 for long life even in harsh production environments

Linx Iris[®] vision system



Linx Iris vision system camera FA60202

Linx Iris vision system camera - India & Korea FA60203

Can be mounted directly to the Linx printhead cover tube or to a standard pole.

Dimensions (mm):

28 H x 54 W x 94 D



Learn more about Linx Iris

Linx Iris standard kits



Linx Iris vision system kit - India & Korea FA60201
Includes:

- Linx Iris vision system camera - India & Korea FA60203
- Linx Iris printhead bracket FA60205
- Linx Iris power cable 3M FA60208
- Linx Iris data cable 3M FA60209

Linx Iris vision system kit FA60200
Includes:

- Linx Iris vision system camera FA60202
- Linx Iris printhead bracket FA60205
- Linx Iris power cable 3M FA60208
- Linx Iris data cable 3M FA60209

Mounting options and accessories for Linx Iris



Linx Iris vision system camera
plate FA60204



Linx Iris vision system camera
printhead bracket FA60205



Linx Iris vision system
camera pole-mounted
gantry bracket kit FA60206



Linx Iris vision system camera
conduit bracket FA60207



Linx Iris vision system
power cable
3M FA60208
6M FA60210



Linx Iris vision system
data cable
3M FA60209
6M FA60211

Printhead cleaning

Regular printhead cleaning prevents build-up of ink on key components of the printhead.

Linx offers automatic and manual printhead cleaning solutions to prevent unscheduled downtime and maintain excellent print quality.

Linx SureClean[®] automatic printhead 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.



Clean and dry the printhead automatically in <5 minutes



Easy to install and use; no operator training required



Enclosed unit reduces operator exposure to cleaning fluids



Battery option and portable design for cleaning multiple printers



SureClean automatic printhead washstation Coming soon

SureClean automatic printhead washstation
- with battery Coming soon

Spare waste collection bottle Coming soon

Dimensions (mm) with waste bottle attached:
441 H x 130 W x 335 D



Learn more about Linx SureClean

Mounting options for Linx SureClean

Coming
soon

SureClean tabletop stand
Coming soon

Coming
soon

SureClean bracket for shelf/
trolley Coming soon
Not available in Japan



SureClean floor stand with
wheels Coming soon
Wheels for floor mount Coming
soon



SureClean direct vertical
mounting bracket FA62049

Dimensions (mm):
50 H x 90 W x 60 D

Manual printhead washstation



Printhead wash station
FA62068
Spare waste collection bottle
FA80084
Waste ink and solvent are
washed into a standard 0.5l
solvent bottle (38mm neck).
Compatible with Linx poles or
can be mounted to a vertical
surface using M6 screws.

Dimensions (mm):
204 H x 100 W x 145 D



Printhead air dryer
FA64021
This is recommended for
use with water sensitive inks
under certain humidity and
temperature conditions. It
requires compressed air.

Contact Linx technical support
for details.

Printhead cleaning accessories



Customer cleaning kit FA60000
Includes:

- Cleaning bottle FA900003
- Beaker FA900005
- Hand cleaner FA999004
- Large gloves FA999058
- Safety spectacles FA999076



Customer cleaning kit for Spectrum printers FA60003
Includes:

- Cleaning bottle FA900003
- Beaker FA900005
- Hand cleaner FA999004
- Large gloves FA999058
- Safety spectacles FA999076
- Cleaning swab FA69034



**Nozzle cleaning brush
(Pack 60)
FA79502**

This single-use brush can be used to clean the hard to access area's such as the nozzle face, and in between the charge electrodes, on all CIJ print heads.



**General purpose solvent resistant brush
FA940029**

This brush can be used to clean parts of all printheads that are easy to access.



**Cleaning swab
(Pack 100)
FA69034**

Pack of single-use cleaning swabs for cleaning printhead elements on Spectrum printers



**Solvent cleaning bottle
FA900003**

Squeezable solvent bottle for cleaning printheads with accurate spout



**Beaker 0.25 litre)
FA900005**

Solvent resistant beaker useful for manual printhead cleaning

Cleaning & PPE



Safety overspecs with side shields FA999075
To wear over normal spectacles. Not suitable for use as protection against laser damage.



Safety spectacles with side shields FA999076
Not suitable for use as protection against laser damage.



Nitrile gloves - Small 6-6.5
FA999056
x100



Nitrile gloves - Medium 7-7.5
FA999057
x100



Nitrile gloves - Large 8-8.5
FA999058
x100



Hand cleaner Reinolen
FA999004
150ml

Barcode scanners

These scanners are from a world-class manufacturer and are useful for QuickSwitch® and similar applications.

Use of Linx scanners guarantees compatibility with Linx software and hardware, and will be given technical support by Linx.



RS232 1D/2D barcode scanner with lead FA63072
PSU requires c8 connector with country specific plug. FA76026

2D USB scanner FA63071

These scanners read all standard barcode formats. Contact Linx technical support for compatibility with specific applications and code formats.



Power supply for 1D/2D barcode scanner FA63073
Spare PSU requires c8 connector with country specific plug. FA76026



Scanner wall/desk holder FA62581

Air knives

If the product to be coded is wet or damp, an air knife connected to factory air and positioned before marking can dry the area enough to allow good ink adhesion.

Linx air knives are easily attached to the printhead at the optimal position for efficient drying.



Air knife kit
FA74276

Spare air nozzle
FA72163

Hand transports

A hand transport unit provides a stable, portable platform that allows products to be easily moved past the printer head for reliable coding away from the production line. It enables consistent, high-quality marking on items that are static, irregular, or produced in low volumes or for sample marking or testing applications.



Hand transport FA69002

A manually operated linear table where automated conveying is not available.

Includes:

- Encoder FA61088
- Sensor FA61062
- Adaptor cable

Ink shakers

An ink shaker is essential for cartridges containing pigmented ink, as it keeps the pigment evenly suspended within the fluid. By preventing settling during storage or use, it helps ensure consistent ink properties, reliable jetting, and uniform, high-quality print performance every time the cartridge is installed.

An ink shaker is required for Linx 1305, 1306, 1310, 1311, 1316 and 1320 inks.



**Ink Shaker for Spectrum printer
230V 50/60HZ FA66076**

Includes:

- Cartridge holder



**Ink Shaker for Spectrum printer
115V 50/60HZ FA66077**

Includes:

- Cartridge holder



**Ink Shaker cartridge holder •
FA66078**

Linx SureClean®

Automatic printhead
wash station



Eliminate unplanned downtime



Linx SureClean®

Eliminate unplanned downtime with automatic printhead cleaning.

- 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 unplanned downtime

Thorough printhead cleaning

Ink build-up on the printhead is a leading cause of CIJ printer downtime. Linx SureClean uses precisely positioned jets and a fan to clean and dry critical printhead components thoroughly and consistently, helping prevent unplanned stoppages.



Never forget to clean

Customisable reminders

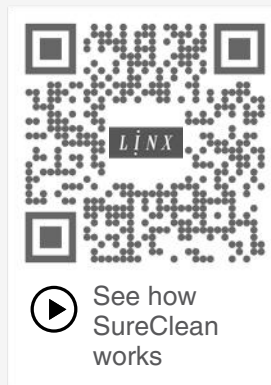
Set cleaning intervals, on your Linx 9000 Series printer, to suit your application and to minimise waste. Fit cleaning into your schedule to prevent stoppages caused by dirty printheads, with reminders based on running hours or calendar days.



Adjustable wash intensity

Three wash modes

The SureClean wash station has three wash modes for different situations:
 Light – for daily cleaning or very little ink build-up
 Standard – for regular proactive cleaning
 Recoverv – for heavier ink build-up



One wash station,
clean multiple printers

No training
required

Improve operator
safety

Portable device

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

Simple operation

Empower any operator to clean the printhead at the push of a button, with no training required; simply follow the step-by-step instructions on the printer interface.

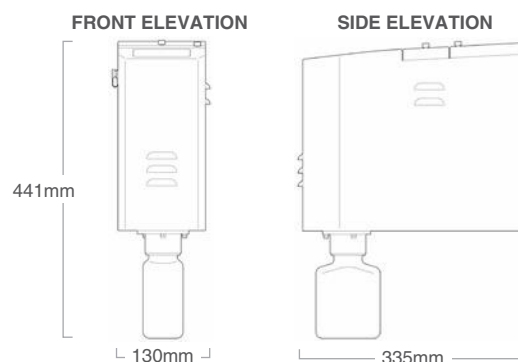
Remove manual cleaning

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.

Linx SureClean®

Automatic printhead wash station

Technical Specifications



HARDWARE FEATURES	Ergonomic design for easy printhead insertion and one-touch cleaning process start
	Easy select wash cycle, Single-press start and stop wash
	Memory of previously used wash cycle
	LED indicators showing cycle status, battery status (if applicable), cleaning fluid cartridge empty and waste bottle needs replacing
SOFTWARE FEATURES	Guided wizard for SureClean operation on the Linx 9000 Series printer screen
AVERAGE CLEANING CYCLE TIME	<5 minutes
PRINTER COMPATIBILITY	Linx 9000 Series, Linx 8000 Series
PRINthead COMPATIBILITY	MK11 Mini, MK11 Midi, MK11 Midi Plus straight printheads
COMPATIBLE INK TYPES	Dye based, Soft pigmented, Hard pigmented blacks, whites and colours
CLEANING FLUID	Mess-free 0.5 litre cleaning fluid cartridge
	0.5 litre empty bottle for waste collection
ENCLOSURE	Stainless steel
ENVIRONMENTAL PROTECTION RATING	Designed to IP23 (Cabinet), IP54 (Electronics enclosure)
MOUNTING OPTIONS	Wheeled floor stand, Tabletop stand, Bracket for shelf or cabinet mounting*
POWER CONSUMPTION	12W (typical when washing)
POWER SUPPLY	24V wall plug
	Integrated rechargeable Lithium-ion battery (option)
	Typical number of cleans on battery power - 30 Typical battery recharge time - 4.5 hours
WEIGHT	5kg (without fluids or mount)
REGULATORY APPROVALS	UL

*Cabinet mounting bracket unavailable in Japan

Linx PrinterNet®



Always connected to your coding



Monitor and control your coding and marking anytime, anywhere with Linx PrinterNet





Anytime, anywhere

Use Linx PrinterNet on any mobile device

View the PrinterNet dashboard and receive alerts from your printers to your phone, tablet, laptop or desktop PC. No need to walk the line.



Be in the know

Monitor the status of your printers

Remotely check which machines are printing, check the right messages are being printed, who has made changes and see the print count.

Manage messages remotely

PrinterNet message store

Set up and manage print messages remotely, to avoid operators selecting the wrong message at the printer. View the messages available on your printer and view message history.

Fast recovery

Backup and Restore

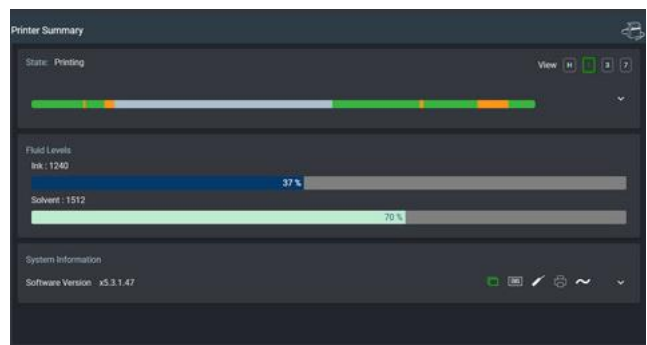
Keep a master copy of approved messages and printer settings securely in the cloud, enabling you to quickly restore your machine from unapproved changes.



Never miss an alert

Customisable alerts

Set up email alerts of warnings such as low fluids, user logins or line-stop problems, to make sure that production doesn't stop because your printer needs attention.



Maximise uptime

Monitor printer health

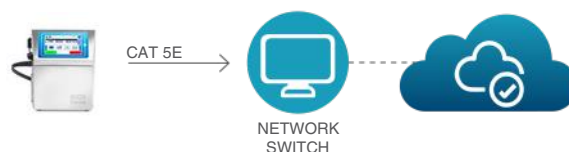
Review fault history and monitor printer and production line uptime to help you plan your regular maintenance without impacting production.

Linx PrinterNet®

Always connected to your coding

Technical Information

Wired ethernet



Wi-Fi network



COMPATIBLE LINX PRINTERS	9900 Series, 9800 Series, 8900 Series, 8800 Series
CONNECTION OPTIONS	Wi-Fi (through dongle or signal within range)
	Ethernet
	IP addressing is also optional and can use either fixed IP addressing or DHCP (Dynamic Host Configuration Protocol). With Wi-Fi an SSID (Service Set Identifier) and network password will be required.
NETWORK SECURITY	Linx printer can only connect to the Linx PrinterNet cloud and will never accept connection requests from any other device or service. Linx printers are configured to refuse external connection requests and can only be used to initiate and manage connectivity with Linx PrinterNet.
	You stay in full control of which users have access to your data and which features they are able to use. The customer is responsible for maintaining user logins.
DATA TRANSFER	Linx PrinterNet will attempt to upload data to the cloud every few seconds as needed. The amount of data will depend on the number of printers and plant activity.
	If you allow Linx technical support to take control of your printer to help resolve a problem, then the data volume may increase for the period of the session.
	Linx PrinterNet uses port 443 (standard for any https website) for outbound communications and WebSockets protocol (RFC 6455). No additional open ports are required. Data is encrypted using TLS protocol during transmission. In most cases there is no need to modify the firewall settings of your company's network.
DATA STORAGE	Linx PrinterNet is hosted by AWS (Amazon Web Services®). They host data and services for startups and larger companies in over 190 countries worldwide. Linx data will be stored in the geographic location that will deliver the best performance to the customers.
	The majority of the data stored is technical printer information, which will be used for diagnosis and prediction of errors, determination of trends, research and development, provision of services to customers.
	The customer can choose to block the transfer of data about the specific codes they are printing. The only personally identifiable data stored, is that required to administer the system, such as user contact details. The management of this information is compliant with the European General Data Protection Regulation (GDPR).
DATA SECURITY	Linx will provide you with information about the data that is transmitted from the printer, guarantees its commercial confidentiality and promises that it will only be used to identify and resolve problems and to improve the Linx products and their usage.
	AWS operates a shared responsible security model. They take responsibility for the security of its infrastructure including protecting its computing, storage, networking and database services against intrusion. They are responsible for the security of the software, hardware and physical facilities that host AWS services. However, Linx is responsible for ensuring that their AWS environment is configured securely, and that data collected is managed in a manner in accordance with local governance policies.
	Linx uses industry standard cloud computing services, which are ISO 27001:2013 and Safe Harbor certified and SSAE 16/SOC 2 audited, managed by staff who are Certified Information Security Professionals (CISSP®). These services are subject to network and application vulnerability tests and periodic internal and external security audits.

Linx Iris[®]



Integrated vision system
for Linx 9000 Series



Ensure every code is present and correct



Linx Iris®

Vision system



Eliminate rework

Code presence check

Ensure every product is coded, removing the need for manual code inspection. Linx Iris will automatically alert you once the acceptable fail count is reached. It can be configured with alarms, beacons, or stopping the line to eliminate rework and waste.



Correct code every time

Intelligent character detection

Code verification identifies the printed code and compares it to the message and its parameters from the printer. This ensures every part of your printed code matches what you have entered into the printer, detecting missing dots, incorrect characters and invalid dates.

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

Set your own standards

Code quality inspection

Linx Iris ensures each product has a code that meets your quality standards, reducing waste and rework while protecting customer trust. Set pass criteria and quality adjustments on the printer interface to prevent incorrect failures.

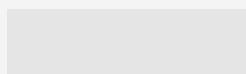
Ensures every code is present and correct with intelligent verification

CORRECT CODE

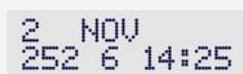


Linx Iris will detect:

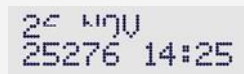
ABSENT CODE



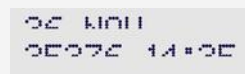
MISSING CHARACTERS



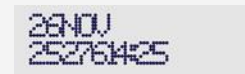
MISSING PART CHARACTERS



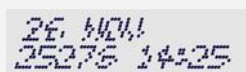
TRUNCATED TEXT



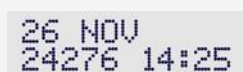
OVERLAPPING CHARACTERS



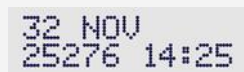
DISTORTED CHARACTERS



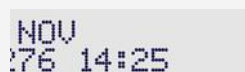
TEXT NOT MATCHING



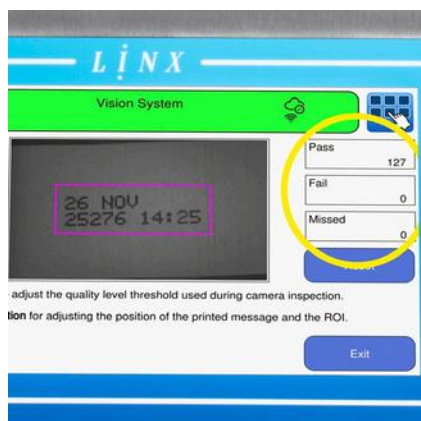
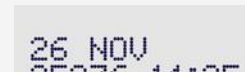
INVALID DATE



INCORRECT POSITIONING



INCORRECT POSITIONING



See results in real-time

Live camera view

Access the Linx Iris live camera view from the printer home screen to see real-time detected codes and the number of passed, failed and missed codes.

Easy to set up

No external equipment required

Linx Iris connects directly to a 9000 Series printer and requires no external power source, additional hardware or software for installation or training. The camera has built-in lighting and autofocus for the best quality image.

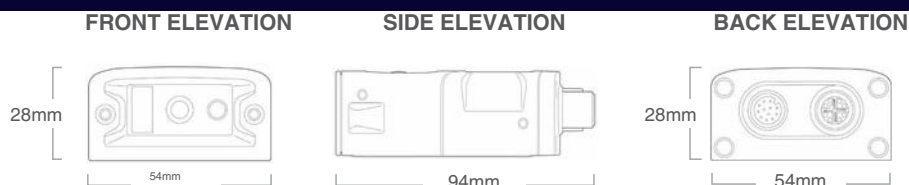
Quick code learning

Easy on-printer code setup

Simply place a coded product under the camera to start training; guided workflows on the printer's user interface make it effortless. Once a message is trained, it is saved for future use.

Linx Iris®

Vision system



Technical Specifications

INDICATORS		LED indicators showing decode status, Power, Online/Run, Ethernet status
IMAGE SENSOR		1/4 inch CMOS, global shutter 1280 x 800, 3.0µm square pixels Monochrome
ILLUMINATION		Two 2700K white LEDs
INSPECTION SPEED		Up to 2.5 m/s 4 prints / second
INSPECTION DIRECTION		Left and Right Supports dynamic orientation
READABLE CODES	MESSAGE CONTENT	Text, Date, Time, Sequential Numbers
	MESSAGE LENGTH	Up to 8cm
	MESSAGE STYLE	Up to 1x21
	FONT SIZE	Up to 2x9
	CHARACTERS	Latin, Extended Latin, Cyrillic, Katakana, Kanji, Hangul, CJK
SOFTWARE FEATURES		Code presence, Code readability, Region of Interest (ROI), Adjustable quality acceptance
CONNECTIONS		1 x M12 X-Coded 1000/100/10 Mbps Ethernet 1 x M12 12-pin Power/GPIO/RS-232
CABLE LENGTH		3m, 6m (option)
ENCLOSURE		Aluminium
ENVIRONMENTAL PROTECTION RATING		IP65
MOUNTING OPTIONS		Quick-release printhead bracket, Quick-release pole-mounted gantry bracket
OPERATING TEMPERATURE RANGE		0-45°C
HUMIDITY RANGE (R.H., NON-CONDENSING)		90% max
POWER SUPPLY		Powered via Linx 9000 Series printer
WEIGHT (CAMERA ONLY)		195g
REGULATORY APPROVALS		CE NRTL CAN/CSA FCC BIS

Standard kits



LinxIris vision system kit

- Includes:
- Linx Iris vision system camera
 - Linx Iris printhead bracket
 - Linx Iris power cable 3m
 - Linx Iris data cable 3m



Quick-release pole-mounted gantry bracket kit

- Includes:
- Linx Iris quick-release pole mount
 - Linx Iris camera plate
 - Photocell mount

FREQUENTLY ASKED QUESTIONS

I'd like to have a copy of the datasheets.

External links in the document will take you either to the downloadable version of the datasheets or the page on our website where you can find them.

On our website you will find a list of every datasheet we have and more!

Feel free to download the digital versions, but please consider the environment before printing.

How do I book a demo?

You can go onto our website, to the **Contact Us** page and click on **Request A Call Back** to book a demo. Complete the form's required fields - the more information, the better!

Expect a call from one of our sales representatives within the next 48 hours.

How do I order consumables?

For new customers:

Contact one of our sales representatives or send an email to enquiries@packtronic.co.za

For existing customers:

Take note of the machine make & model and the consumables your production line is currently using.

Reorder the required consumables by sending an email either to admin@packtronic.co.za (for Packtronic head office clients) or to admin.ct@packtronic.co.za (for Packtronic Winelands' clients).

If you are unsure, please contact Packtronic for assistance.

My machine needs maintenance or repairs.

Contact us to enquire for assistance. Remember to take note of your machine make & model as well as the consumables you use.

For more information on our SLAs, services, ordering spares & repairs, please send an email to admin@packtronic.co.za

What are our lead times?

Lead times are dependent on stock availability. Send an email to admin@packtronic.co.za for more information.





LINX CSL30
Laser Printer

A close-up photograph of a dark blue surface, likely the top of a printer. The text 'LINX CSL30' and 'Laser Printer' is printed in a light blue, sans-serif font. To the right of the text is a large, square QR code, also in a light blue color.

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