



Product Identification, Inspection and Robotics.



From product to pallet and all formats of packaging in between.

Coding, labelling and inspection is essential for traceability and quality control.



Visy Technology Systems specialise in developing and distributing technology, systems & supplies for product marking, labelling, inspection & robotics applications.

Almost everything that is manufactured needs a mark or code to identify its origins. Batch numbers, best before and production dates, fill time and factory line identification details are all critical details which must accompany goods on the journey through the supply chain.



Inkfree Marking by Laser

Linerfree Logistics and Trade Unit Barcode Labels

Linerfree Labelling for SSCC Pallet Labels

Coloured inks for High Contrast Marking

Large Format High Resolution Ink Jet Printing

Bringing together the world's leading product identification, inspection, and robotic automation technologies to help manufacturers improve efficiency, quality, and traceability.

HITACHI

HM SYSTEMS

cab product marking

valentin DRUCKSYSTEME

DOBOT

TLDUO

ESJET

HSA A UNIQUE EMPREINT SYSTEMS

VLR VELY MINERICH

FILTEC INSPECT - DETECT - ADAPT

2D & QR Barcode printing

In today's digital world, businesses are constantly looking for innovative ways to enhance customer experiences and improve product interactions. 2D barcodes are revolutionising packaging by offering a seamless bridge between physical products and digital content. Unlike traditional 1D barcodes that store limited numerical data, 2D barcodes can hold significantly more information, including URLs, date and batch numbers, and multimedia content. They are scannable from any direction and can be read using smart phones and retail checkout scanners, making them highly accessible.

Retailers are now using 2D barcodes for numerous perishable food items.

The UX2 is capable of printing at impressive speeds, Many supermarkets prefer 2D codes for perishable meat and produce packaging for several key reasons:

Traceability and Food Safety: 2D barcodes enhance the ability to trace products back through the supply chain. This is crucial for identifying specific batches of meat or produce, especially in the event of a food safety issue or recall.

Expiration and Best Before Dates: These codes help consumers and store staff quickly identify products that are approaching their expiration dates. This can significantly reduce food waste by ensuring that items are sold or consumed before they spoil.

Dynamic Data: Unlike traditional barcodes, 2D codes can hold more information and allow for dynamic coding. This means that information such as storage instructions, recycling options, and product origins can be included, which is beneficial for both consumers and retailers.

Technological Integration: The adoption of 2D barcodes is part of a broader trend in the retail sector to improve efficiency and productivity through technology. Supermarkets are upgrading their systems to accommodate these codes, which can streamline operations and enhance customer experience.

Consumer Engagement: By providing more detailed product information through 2D codes, supermarkets can engage consumers better, allowing them to make informed choices about the products they purchase resuming operation

2D codes can be directly printed to packaging items using Ink Jet printers, Laser and Direct Thermal coders or can be applied as a label using traditional and Linerfree labelling systems.

QR code

Readability:
omnidirectional

Finder pattern:
three square structures in the corners help scanners to locate the code



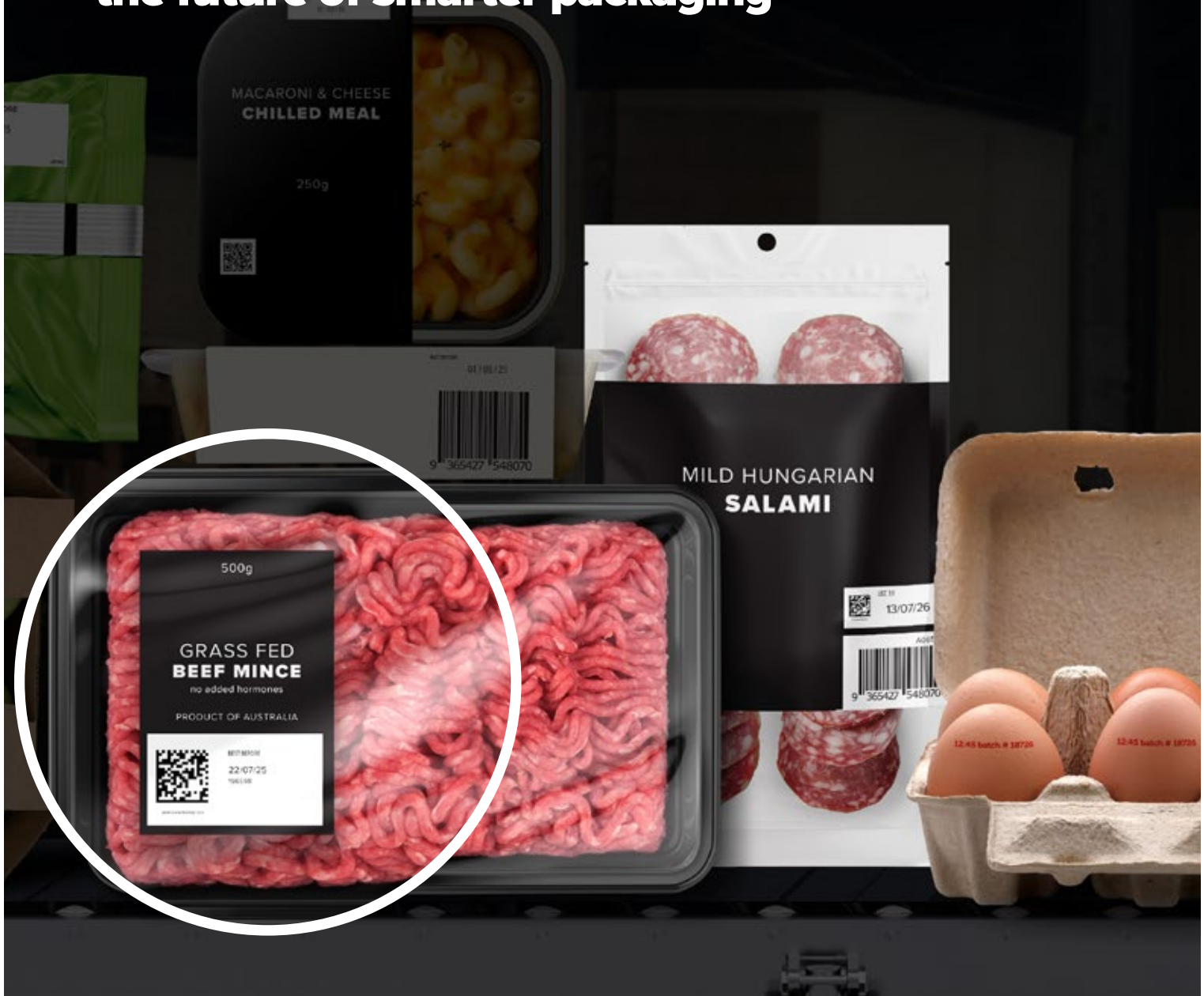
Density: **high**

Cell

Encodes data with alphanumeric and non-European character sets including Kanji

QR Code: A QR Code (Quick Response Code) is a two-dimensional barcode that can store and quickly retrieve information when scanned using a smartphone, tablet, or dedicated QR scanner. It was invented in 1994 by Denso Wave, a subsidiary of Toyota, to improve tracking in manufacturing but has since become widely used across various industries.

2D & QR Barcodes; the future of smarter packaging



DataMatrix code

Readability:
omnidirectional

Finder pattern:
two solid adjacent borders
forming an L-shape helps
scanners to locate the code



Density: **high**

Cell

Encodes data
with alphanumeric
character sets

GS1 DataMatrix: The GS1 DataMatrix is a two-dimensional barcode used globally for encoding structured information, such as product identifiers, expiration dates, batch numbers, and serial numbers. It is part of the GS1 system, which ensures interoperability across industries like healthcare, retail, and logistics.

Hitachi UX Series Ink Jet Printers

HITACHI

The Hitachi UX2 Continuous Ink jet Printer is a versatile and high-performance printing solution designed for a wide range of industrial applications. Built by Hitachi Industrial Equipment Systems, a renowned leader in industrial printing technology, the UX2 offers reliability, efficiency, and advanced features tailored to meet the demands of modern production environments.

Continuous Ink jet Printing (CIJ) technology is well-known for its ability to print on various substrates, including metal, plastic, glass, and paper, making it suitable for diverse industries such as food and beverage, pharmaceuticals, cosmetics, automotive, and electronics. The UX2 exemplifies this versatility, providing crisp, high-resolution printing on virtually any surface.

Key features:

High-Speed Printing: The UX2 is capable of printing at impressive speeds, ensuring efficient production line performance without compromising print quality. With rapid ink droplet ejection, it can maintain consistent printing even at high production speeds.

High-Resolution Printing: Equipped with advanced printing technology, the UX2 delivers sharp, clear characters, graphics, and barcodes, meeting stringent quality standards for product identification and traceability.

User-Friendly Interface: The UX2 features an intuitive user interface with a touch screen display, making it easy to set up, operate, and monitor printing parameters. Operators can quickly adjust settings, switch between different print jobs, and troubleshoot any issues, minimising downtime and maximizing productivity.

Reliable Performance: Built to withstand demanding industrial environments, the UX2 is engineered for reliability and durability. With robust construction and quality components, it delivers consistent performance day after day, reducing maintenance requirements and total cost of ownership.

Flexible Connectivity: The UX2 offers seamless integration with existing production systems through various connectivity options, including Ethernet, USB, and RS-232 interfaces. This enables effortless data exchange and synchronisation, streamlining work flow and enhancing efficiency.

Environmentally Friendly: As sustainability becomes increasingly important, the UX2 is designed with energy-saving features and eco-friendly ink formulations, minimizing environmental impact while maintaining optimal printing performance.

Comprehensive Support: We offer comprehensive support services, including installation, training, maintenance, and technical assistance, ensuring customers maximise the benefits of their investment in the UX2 printer.

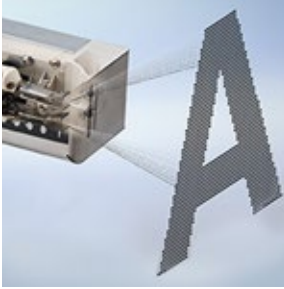
Safe Clean Station:

- Automatic cleaning of print head components
- Automatic cleaning of the head cover's underside
- Prevent ink accumulation during downtime through automatic ink recirculation
- Smart start feature helps maintain jet stability upon resuming operation



Each model is engineered to meet a wide range of coding and marking requirements. The UX2-D delivers enhanced performance with high-speed multi-line printing, making it ideal for demanding, high volume production environments. The UX-P model utilises pigment inks to produce highly visible white codes on dark coloured substrates. Designed for fast moving production lines, the UX2-H combines exceptional print quality with reliable high speed operation. For applications requiring maximum print capacity, the UX-D Twin Nozzle model offers the ability to print up to eight lines of text, logos, and barcodes, providing outstanding flexibility for complex coding requirements.

The Hitachi UX Series complete range:



UX-D860W
Twin Nozzle



UX2-H150W
With Safe Clean Station



UX-D110W
Larger small-size
character printer



UX-D140W
Micro characters



UX-P160W
Pigmented model



UX2-D160W
With Safe Clean Station



UX-H140W
Ultra High Speed Printer



Exceptional print quality on diverse surfaces such as plastic, metal, glass, and more.

Hitachi LM Laser Coder

HITACHI

The Hitachi LM Laser Coder stands as a beacon of precision and efficiency in the realm of industrial marking solutions. Its cutting-edge technology harnesses the power of laser beams to etch clear, permanent codes onto a diverse array of surfaces with unparalleled accuracy and speed. Whether marking onto plastics, metals, or packaging materials, the LM Laser Coder delivers crisp, high-resolution codes, ensuring legibility and traceability throughout the production process. Its intuitive interface and user-friendly design make operation seamless, while its robust construction guarantees reliability even in the most demanding manufacturing environments. With the Hitachi LM Laser Coder, businesses can elevate their coding capabilities to new heights, streamlining operations and enhancing product quality with every mark.

Features:

- Compact single body space saving design for ease of mechanical integration.
- An electrical power consumption of 300 VA reduces the overall operating costs to a minimum.
- Dual casing structure provides for additional protection for the laser tube and optics which ensures durability against harsh environments.
- Most efficient air cooling by a cascading cover design extends laser tube lifetime.
- User-friendly interface: PC based or with an optional colour 10.4" Touchscreen.
- Highest print quality at a variety of production speeds using vector fonts with a user friendly font editing tool.
- Wavelengths of 9.3 μm , 10.2 μm and 10.6 μm combined with various lens options allows for coding onto a wide range of substrates.



The Hitachi LM Laser Coder offers manufacturers the flexibility needed to adapt to diverse production requirements. Capable of marking on a wide range of materials and packaging substrates.



CAJO Tailor™ UV

The CAJO Tailor™ UV is an advanced Ultraviolet Laser Marking solution designed for high-precision, damage-free marking on sensitive and heat-sensitive materials. Built for demanding industrial applications, the TAILOR UV delivers permanent, high-contrast markings without compromising the integrity of the material — making it the ideal solution for electronics, medical devices, plastics, glass, and packaging. Unlike traditional fiber or CO₂ lasers, the CAJO TAILOR UV laser operate at shorter wavelengths, allowing them to mark with cold marking technology — meaning there is no thermal damage, deformation, or discoloration. This results in superior quality, fine-detail marks on even the most delicate materials.



Key Features:

Cold Laser Marking Technology: Utilises a 355 nm UV laser for marking without heat, preventing damage to sensitive substrates.

Versatile Material Compatibility: Perfect for plastics (including transparent and dark types), glass, ceramics, rubber, silicon, PCB boards, and coated materials.

High Precision & Ultra-Fine Marking: Ideal for micro-marking tasks such as barcodes, QR codes, serial numbers, logos, and graphics with exceptional clarity.

No Consumables, Minimal Maintenance: A cost-efficient solution with no inks, chemicals, or ongoing consumable requirements.

Eco-Friendly Technology: 100% clean marking method, producing no emissions, waste, or by-products.

Industrial-Grade Reliability: Engineered for 24/7 production environments, with robust build quality and long service life.

Easy Integration: Available as a standalone unit or integratable into existing production lines with CAJO's automation options.

User-Friendly Software: Comes with CAJO Suite™, a powerful and intuitive interface for designing, editing, and controlling marking tasks.



CAJO TAILOR COMPACT UV™

The Cajo Tailor Compact UV™ can be seamlessly integrated into existing production lines and is an excellent solution for fast, accurate, and permanent marking on food, beverage, and pharmaceutical packaging.

Key Features:

Sustainable Technology without additives: No need for inks, ribbons, or other expendables.

High-quality, precise and permanent marking: Ideal for delicate films, dark packaging, and sensitive surfaces.

Low running cost, Short payback time: Eliminate recurring costs for consumables and minimise downtime from ribbon or printhead changes.

Low maintenance Requirements: Fewer moving parts and a long-lasting laser ensure high uptime and reliability.



Visy ESJet Ink Jet Printer

ESJET

The ESJet printer is versatile and capable of printing on most porous and non-porous substrates up to 25.4mm. Featuring a 7" full-touch colour screen, smart detection of external devices, and options for standalone or PC-controlled multi-printer setups, the ESJet offers exceptional value with its advanced features and reliable performance. Visy Technology Systems provides a comprehensive selection of single and multi-head printers, utilising 42ml Ink cartridge. Including: water based, solvent based, multicolour and invisible.

Mechanical part: Compact and creatively designed print head for easy installation anywhere, with I/O ports for connecting warning lights and signal inputs/outputs.

Software operation: Intuitive UI allowing all functions in just three steps, with built-in print quantity and cost calculation.

Communication: Ethernet port for real-time data reception and printing, compatible with PLC and other equipment.

Special features: Secure cartridge holder within the print head to minimise damage to the cartridge and holder.

Ink system: Supports both water-based and solvent-based inks, including bulk systems.

A compact printer with modular print heads. Ideal for integration in packaging lines. Maintenance free cartridge based printing makes achieving high quality print on cartons reliable and clean.

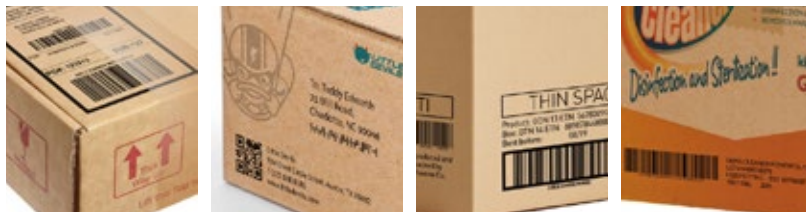
Key Features:

- With HP TIJ 2.5.
- 7 inch touch screen.
- Communication Protocol.
- Fast & Easy integration.
- High print speed & resolution.
- Easy software, no limit in line quantity.
- Rugged print head, no maintenance.



Visy EWJET Wide Ink Jet Printer

EWJET



Print quality comparison

1200 DPI High Resolution Printing

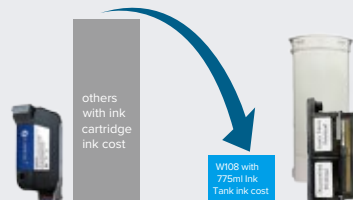


W108 inkjet printer
High resolution printing

Other inkjet
printers printing

Ink Cost comparison

75% Reduction in Ink Costs



Printing Height comparison

95.3mm Increase in Printing Height for a Single Printhead



Packaging Appearance comparison

Substitute Labeling Solution



Key Features:

Replace short run printing: Variable data can be printed directly on the production line. Compared with short-run printing, in-line coding has flexibility, reducing the turnover rate, loss rate.

Instead of Carton Labels, more environmentally friendly: Print information directly on the carton, no need to paste labels, simplify the packaging process, and environmentally friendly.

Printing height 108mm, support 2 printheads: Single printhead print height 108mm. Flexible configuration of 1-2 printheads.

High Resolution, up to 1200dpi: High resolution, up to 1200dpi, can print high quality and high resolution text, date, variable data, barcode, image, etc.

Large capacity ink tanks reduce ink costs by 75%: Featuring a 775 mL high capacity ink tank, the system reduces printing costs by up to 75% compared to single use cartridges. Its large ink capacity supports longer production runs, reducing operator intervention and maximising uptime.

Famjet Dyplon

Dyplon

Industrial thermal Ink jet printer

The Famjet Dyplon is the latest generation of Thermal Inkjet (TIJ) printing technology, engineered for high-speed industrial environments where exceptional print quality, reliability, and efficient consumable management are essential. Powered by advanced HP TIJ 4.0 technology, the Dyplon delivers a generous 22mm print height, maintains outstanding print quality at distances of up to 9mm from the product surface, and achieves printing speeds up to four times faster than previous generation TIJ systems. Combining innovative technology with simple operation, the Famjet Dyplon provides an efficient and dependable solution for large-character coding and marking applications across a wide range of industries.

Key Features:

Large 22mm Print Area: Advanced cartridge technology delivers print heights of up to 22mm, with cartridges designed to last up to five ink tank replacements.

Ultra-High-Speed Performance: Print at speeds of up to 480 metres per minute without compromising print clarity or quality.

Compact & Rugged Design: A robust, space saving system built to withstand demanding production environments while maintaining a minimal footprint.

High-Definition Print Quality: Resolutions up to 1200 × 2400 dpi ensure crisp text, detailed logos, and highly legible barcodes.

Advanced Connectivity: Supports Ethernet, USB, Wi-Fi, and Industrial I/O, enabling seamless integration with major automated production lines and manufacturing systems.



Controller Touch Screen 9"



Carl Valentin Thermal Transfer Coder



The Valentin thermal transfer coder epitomises efficiency and reliability in the realm of coding solutions. Leveraging advanced thermal transfer printing technology, it delivers crisp, high-resolution codes onto various substrates with unmatched precision. Whether imprinting batch numbers, expiration dates, or barcodes, the Valentin coder ensures clear and durable markings, vital for traceability and compliance in industries ranging from food and pharmaceuticals to manufacturing and logistics. Its user-friendly interface and intuitive controls simplify operation, while its robust construction guarantees consistent performance even in demanding production environments. With the Valentin thermal transfer coder, businesses can enhance productivity, streamline operations, and maintain impeccable coding standards, ultimately boosting efficiency and customer satisfaction.

Key Features:

- Intermittent and continuous mode freely selectable.
- Left and right version available.
- Up to 900 m transfer ribbon for long production running times.
- Display of remaining transfer ribbon for quick ribbon changes.
- Optimal transfer ribbon usage.
- All common interfaces for fast data exchange.
- Minimum of wear parts.
- Intuitive graphical user interface with icon buttons.
- WYSIWYG display with preview for verifying the layout.
- 7" touch-screen colour display.



CAB Label Printers



CAB Squix Linerless

The CAB Squix Linerless is a next generation labelling solution designed for businesses that demand efficiency, sustainability, and precision. Engineered with advanced linerless technology, this system eliminates the need for backing paper, streamlining your operations while significantly reducing waste. Whether you're in logistics, manufacturing, retail, or food production, the Squix Linerless delivers high performance labelling with a cleaner, more cost-effective approach.

Key Features:

Precision Printing: Achieve sharp, high-resolution prints across a variety of label sizes. The Squix adapts seamlessly to different lengths without requiring multiple label rolls.

Increased Efficiency: With more labels per roll and fewer roll changes, your workflow becomes faster and more productive, ideal for high-demand environments.

Eco-Friendly Design: By eliminating liner waste, the Squix supports sustainable business practices while reducing disposal costs.

Intelligent Cutting System: Equipped with a highly accurate cutting mechanism, the printer ensures clean, consistent label separation every time.

Versatile Applications: Perfect for Shipping & logistics labels, Retail pricing, Food packaging, Warehouse identification, Healthcare & compliance labelling.



CAB SQUIX Label Printers

The SQUIX Range:

SQUIX 2

Compact Performance for Small Labels

Designed for printing small-format labels with exceptional accuracy. Ideal for electronics, healthcare, laboratory, and component identification applications.

- Print widths up to 56.9 mm
- Available in 300 dpi and 600 dpi
- Compact industrial design

SQUIX 4 M

Precision Printing for Small & Narrow Materials

Designed specifically for very small labels, narrow media, tubes, and specialised applications requiring centred material guidance.

- Ideal for laboratory and pharmaceutical applications
- Exceptional print accuracy on narrow materials
- Available in up to 600 dpi resolution
- Centred media guidance for maximum precision
- High precision for small label formats

SQUIX 6.3

Wide Format Logistics Printing

Built for large logistics labels, shipping labels, GS1 labels, and warehouse identification applications.

- Print widths up to 168 mm
- High-speed industrial printing
- Ideal for logistics and distribution centres

SQUIX 4 & SQUIX 4.3

The Universal Industrial Printers

The most versatile and popular models in the SQUIX family. Suitable for a broad range of industrial labelling applications and supported by an extensive range of accessories.

- Print widths up to 108 mm
- Resolutions from 203 dpi to 600 dpi
- High-speed operation up to 300 mm/sec
- Available in standard, cutter, and peel-off configurations

SQUIX 4 MT

Textile & Continuous Material Specialist

Engineered for printing continuous textile materials, care labels, and fabric identification products.

- Optimised for textile applications
- Continuous media handling
- Industrial durability for high-volume production

SQUIX 8.3

Extra-Wide Labels for Pallets & Drums

The largest printer in the SQUIX family, designed for oversized labels used in pallet tracking, chemical drums, warehouse identification, and industrial logistics..

- Print widths up to 216 mm
- Robust industrial construction
- Perfect for large-format identification labels

Self-explanatory symbols help with the device settings and enable a printer to be operated intuitively and easily.



Anti static brush to dissipate electrostatic charge after printing, in particular if plastic materials are in use.



A preprinted ruler simplifies setting a ribbon.

Material guide attached next to the print roller to ensure accurate print images. Material widths are set with the help of a spindle.

CAB Hermes QL Product Labeller



Tamp Applicator for Linerless

The CAB Hermes QL is more than just a print and apply system; it's a comprehensive Linerless labelling solution engineered to optimise your labelling process. Here's what sets it apart:

Key features:

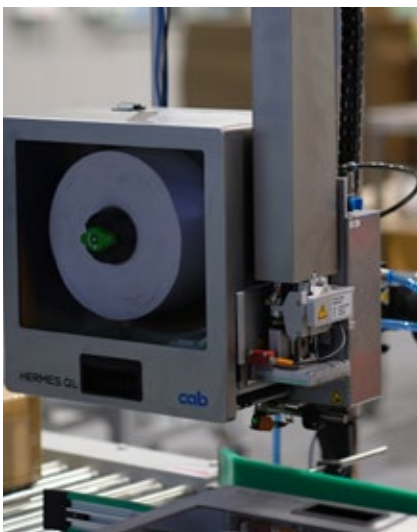
High-Performance Printing: The Hermes QL system is equipped with advanced linerless label direct thermal printing technology, delivering crisp, high-resolution labels with impeccable clarity. Whether you need barcodes, text, or graphics, the Hermes QL ensures your labels meet the highest standards.

Versatile Application: Designed to handle linerless labels, the Hermes QL is perfect for diverse industries, including manufacturing, logistics, healthcare, and retail. It easily integrates into existing production lines, providing a seamless labeling solution for your products.

Robust and Reliable: Built for continuous operation, the Hermes QL is made with high-quality components that ensure durability and long-term performance. Even in the most demanding environments, this system delivers consistent results, minimising downtime and maximising productivity.

Easy Integration and Operation: With its user-friendly interface and flexible connectivity options, the Hermes QL can be quickly integrated into your existing systems. The intuitive software allows for easy setup and operation, reducing training time and enabling your team to focus on what they do best.

Customisable Solutions: No two businesses are the same, and the CAB Hermes QL is designed with this in mind. It offers a range of customisable options to meet your specific labelling needs, from different print widths to various application methods, including tamp, blow, and wipe-on.



Stainless Steel Cover.

Dust Protection and secure operation.



Variable Length Tamp.

Different height packs labelled on the fly.



Linerfree Labels.

More sustainable labelling with unrivalled flexibility.

CAB Hermes QL Product Labeller

Vacuum Belt Applicators for Linerless

The CAB Hermes QL with HQ 5414 vacuum belt applicator delivers accurate, high speed labelling for linerless labels on moving cartons. Labels can be applied from the top or from the side onto cylindrical packages in motion. Corner wrap applications are as well possible. The applicator locates in front of the peel off plate. Printed labels are guided along a vacuum belt to target a point. Applications onto packages are triggered by an external signal.

Key features:

Designed for Cylindrical & Corner-Wrap Labelling:

Accurately applies labels to round products and corner-wrap packaging applications for maximum product identification and traceability.

Vacuum Belt Transfer Technology: Printed labels are securely transported to the application point, ensuring consistent and precise label placement on moving products.

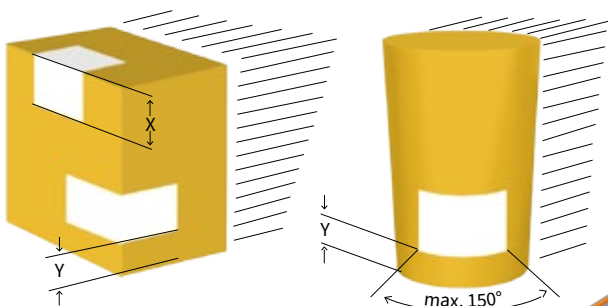
Linerless Efficiency: Eliminates backing paper waste, increases labels per roll, reduces roll changes, and minimises downtime.

Flexible Application Options: Apply labels from the top or side of products, providing greater versatility across production line configurations.

Built for Automated Production: Ideal for high-volume manufacturing and logistics operations, with application triggered by external production line signals for seamless integration.

Reliable High-Speed Performance: Supports continuous product flow with vacuum belt speeds up to 300 mm/s and application rates of up to 15 labels per minute.

Sustainable Labelling Solution: Reduce waste, lower disposal costs, and improve operational efficiency while maintaining premium print-and-apply performance.



Top & Side Application.

Flexible labelling from the top or side to suit your packaging needs.

Seamless integration.

Integrates easily into existing lines for reliable, high speed performance.

Visy TL-DUO Tape & Label System

TLDUO

All in One Auto Tape Seal & Label

Top Drive Case Sealer and Labeller

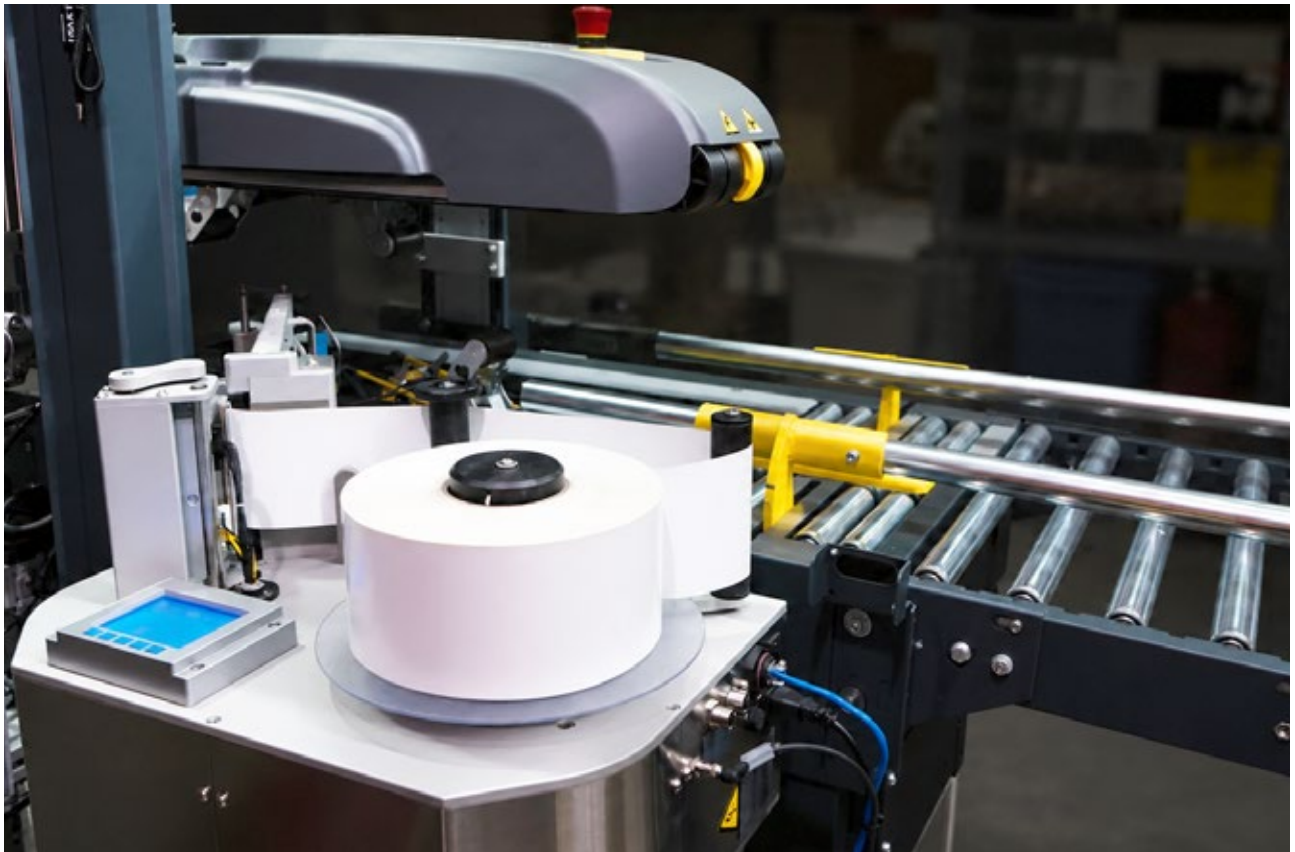
An all in one solution designed to save valuable production floor space. The TL-DUO Tape and Label System is a combination of carton tape sealer and Linerfree labeller in one compact machine. Combining a top and bottom case sealer with a linerfree print and apply labelling system reduces the overall length of conveyor needed for both processes by as much as 50%.

Labels are printed and applied to a carton at the same time as the tape sealer seals the top and bottom carton flaps. Labels can be applied to carton sides and also corner wrapped for adjoining panel barcode labelling.

Automated Linerfree Labelling and Carton Sealing

Working Cycle: the operator folds the top flaps and moves box forward in the machine until it is taken away by drive belts.

The case sealer adjusts itself according to the box size and proceeds with the top and bottom sealing. The labeller prints and applies a label to the side of the box as it is conveyed through the machine. When the box reached the end of the machine the optional label wrap system wraps the label around adjoining panels of the box.



Key features:

- Suitable for cartons wider than 140mm.
- Auto Adjust for carton height changes.
- Tape and label RSC cartons in one machine.
- Compact footprint.
- Easy size change adjustments.
- Labeller control touch panel.
- Heavy Duty Construction.
- Space Saving design.
- 50mm tape sealing top and bottom.



The system also features a waste-free Linerfree labelling solution, which eliminates the need for backing paper, improving sustainability. With its durable construction and space-saving design, it's suited for fast-paced industrial environments where efficiency and floor space are critical considerations.

CAB Label Applicators

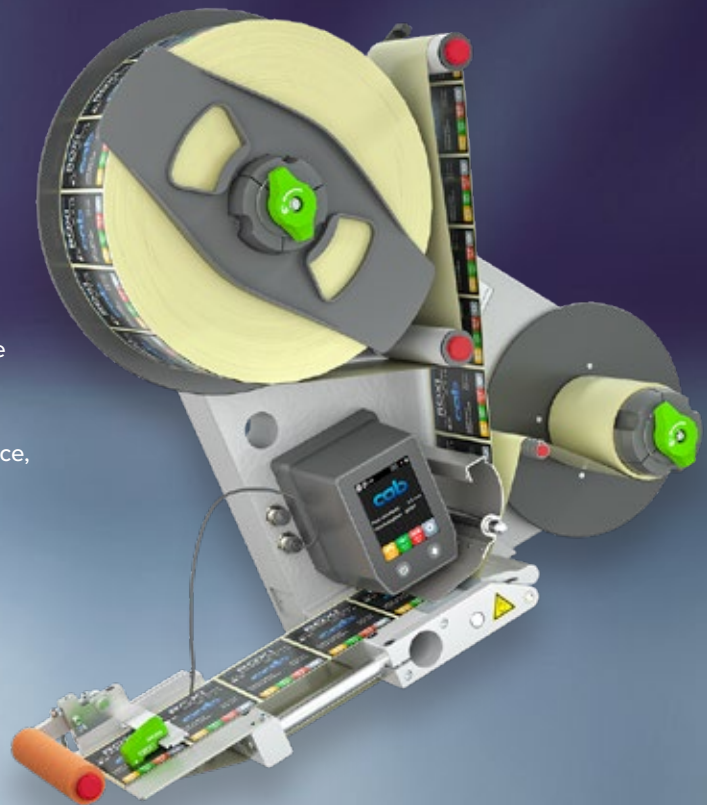


CAB ROXI

The CAB ROXI is a versatile, high-performance label applicator engineered for precise and reliable inline labelling across a wide range of industrial applications. Its compact, modular design allows flexible installation in vertical, horizontal, or inclined positions, with left or right label dispensing options. Featuring dynamic speed control, an intuitive touchscreen interface, and adjustable web brake technology, ROXI ensures accurate label placement even with challenging materials. Built in Germany for continuous industrial operation, it offers exceptional reliability, fast setup times, simple maintenance, and seamless integration into existing production lines. performance at high production speeds

Key Features:

- Compact, space-saving design.
- Flexible mounting and label dispensing orientations.
- Dynamic speed control for accurate application.
- Adjustable web brake for sensitive materials.
- Short setup times and easy material changeovers.
- Durable, low-maintenance construction.
- Ethernet, USB and FTP firmware updates.
- Certified safety compliance.
- Wide range of installation accessories available.



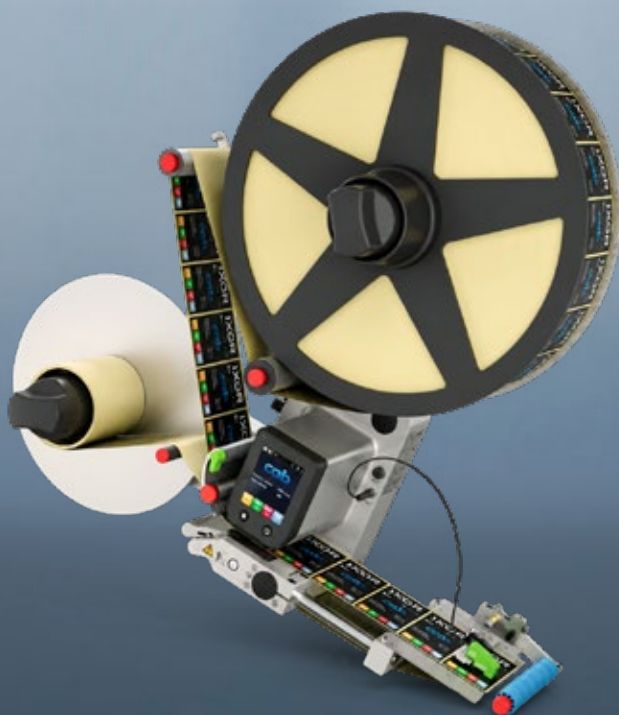
Note: operation speed up to 30mpm with ROXI
Note: Model for 60mm, 120mm and 180mm Label widths
Note: Label Roll Diameter up to 310mm
Note: Environment rating IP40

CAB IXOR+

The CAB IXOR+ is an advanced industrial label applicator engineered for high-speed, high-precision production environments. Combining servo-driven accuracy with intelligent control systems, it delivers exceptional label placement, maximum efficiency, and seamless integration into modern automated production lines. With Industry 4.0 connectivity, advanced diagnostics, and a flexible modular design, the IXOR+ is built to meet the demands of today's smart manufacturing facilities.

Key Features:

- Ultra-high-speed operation up to 120 m/min.
- Precision servo technology for accurate label placement.
- Intuitive rotatable colour touchscreen interface.
- Industry 4.0 ready with Ethernet, WLAN, MQTT, Modbus TCP and OPC UA connectivity.
- Integrated diagnostics, remote monitoring and support tools.
- Flexible modular design with configurable unwinders and rewinders.
- Designed for maximum productivity and uptime in automated environments.



Note: Model for 62mm, 124mm and 186mm Label widths
Note: Label Roll Diameter up to 510mm
Note: Environment rating IP66

CAB ROXI w Applicator

Labelling systems for Industrial use



The CAB ROXI combined with HERMES applicators delivers a powerful, fully integrated labelling solution designed for precise, reliable, and high-speed inline application. Engineered for demanding production environments, this system brings together advanced control technology and proven applicator performance to ensure accurate label placement across a wide range of products and packaging formats.

The ROXI control unit provides intelligent automation, flexible configuration options, and seamless integration into existing production lines, while the HERMES applicator range ensures consistent label dispensing with exceptional precision. Together, they form a scalable solution suitable for both standard and complex labelling applications.

Built for continuous industrial use, the system offers robust construction, simple operation via an intuitive interface, and rapid changeover capabilities, making it ideal for manufacturers seeking efficiency, reliability, and long-term performance.

Key Features:

Integrated Labelling System: Seamless combination of CAB ROXI control unit with HERMES applicators for complete inline labelling automation.

High Precision Application: Ensures accurate and repeatable label placement across a wide range of product shapes and sizes.

Flexible Configuration: Supports multiple installation orientations and production line setups for maximum adaptability.

Advanced Control Technology: Intuitive touchscreen interface with intelligent automation and production monitoring capabilities.

High-Speed Performance: Designed for continuous operation in fast-paced industrial environments.

Reliable HERMES Applicator Technology: Proven dispensing technology delivering consistent label application quality and durability.

Quick Setup & Changeover: Minimises downtime with easy material changes and streamlined configuration options.

Industrial-Grade Construction: Built for long-term reliability in harsh and high-demand production settings.



Labels can be applied in real time from all sides to packages.



Visy Line Right (VLR)

Automated Quality Assurance System



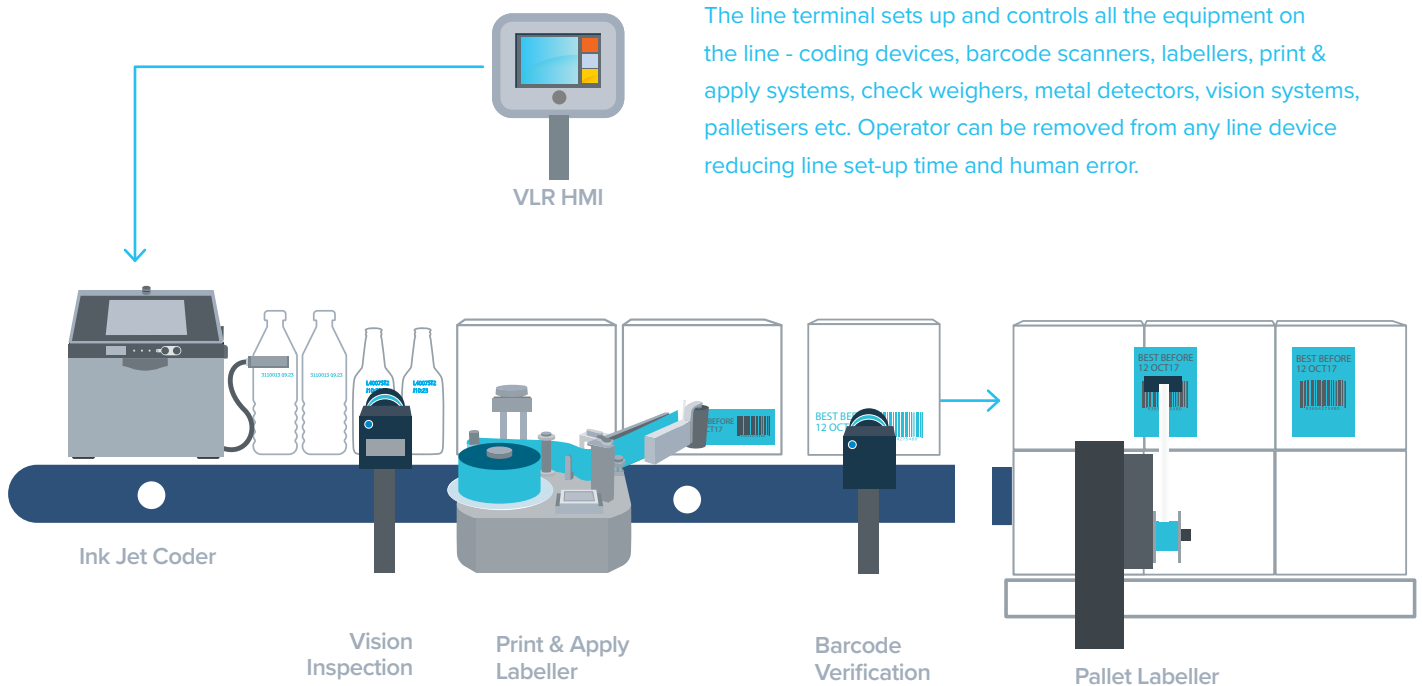
The Visy Line Right (VLR) Package Code Management system is capable of setting up entire production lines with the correct product and job data, including date codes. It is able to control all equipment and procedures centred around the packaging aspects of the factory.

How VLR works.

Each individual production line is controlled via a touch screen line terminal. The central database is replicated to each line terminal. In the event of network or server failure, production can still continue under the control of the VLR system. Local data is synchronised with the central database when the connection is restored to ensure an unbroken audit trail.

VLR - PRO Example use case

Single or multiple Production Lines where VLR-PRO is installed on a line mounted HMI and is connected to up to five devices such as labellers, ink jet printers and scanners. VLR-PRO will hold product data in a local database along with label templates. An operator can choose a product to be packed from the HMI and all the connected devices will be loaded and synchronized with the associated data.



Packing Line Management System

- Device Control and Synchronization
- Line Automation
- Inspection and Quality Control
- Label Data Management
- Performance Monitoring
- Analytics and Reporting

The VLR Product Range

1. VLR-PRO
2. VLR-PRO-PLUS
3. VLR Network
4. VLR Manager

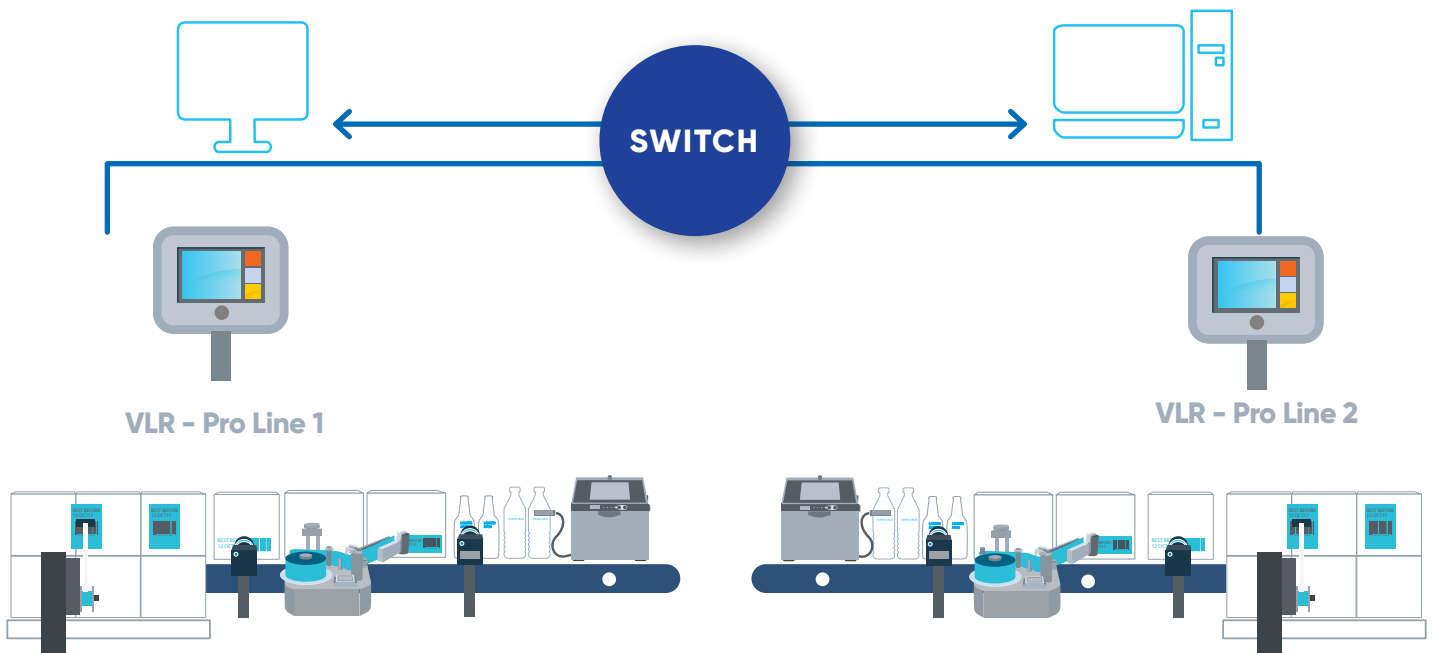


VLR-PRO, VLR-MANAGER, VLR-NETWORK Example use case

Single or multiple Production Lines where VLR-PRO is installed on a line mounted HMI and is connected to up to five devices such as labellers, ink jet printers and scanners. VLR-Network will hold product data in a network server database along with label templates.

An operator can choose a product to be packed from the HMI and all the connected devices will be loaded and synchronized with the associated data. Remote management of label database and label templates is possible from one or more remotely connected VLR-MANAGER PC/S.

Single or multiple production lines where VLR-PRO is installed on a line mounted HMI and is connected to up to five devices such as labellers, ink jet printers and scanners. VLR-PRO will hold product data in a local database along with label templates created in Nicelabel. An operator can choose a product from the HMI and all the connected devices will be loaded and synchronized with the associated data.



VLR-PRO-PLUS Example use case

Single or multiple Production Lines where VLR-PRO-PLUS is installed on a line mounted HMI and is connected to up to five devices such as labellers, ink jet printers and scanners. VLR-PRO-PLUS will hold product data in a local database along with label templates.

An operator can choose a product from the HMI and all the connected devices will be loaded and synchronized with the associated data. The VLR-PRO-PLUS features include capturing reasons for line stop downtime using predefined multiple choice options. Also, a full array of production line performance stats are available for display on HMI/Big Screen Panel or remotely connected VLR-MANAGER PC. Daily and weekly reports can be exported for management review. Quality control form capture can be recorded at the HMI eliminating the need for a paperwork based system when QA checks are needed every shift / hour / etc.



Filtec Inspection Systems provide advanced quality assurance solutions for manufacturers, using high-performance cameras, sensors, and intelligent inspection technology to verify product integrity throughout the production process. From fill levels and cap inspection to label and packaging verification, Filtec systems deliver precise, real-time quality control that helps improve efficiency, reduce waste, ensure compliance, and protect brand reputation.

Fill level. Full container inspection

The FILTEC Photon Level Inspection solution can be used to inspect glass, metal, or plastic containers filled with most types of liquids, solids, and semi-solid materials. The system is available with X-Ray technology.

The system inspects for over-and/or under-fill, including high and low foam detection at speeds up to 140,000 cans per hour or 72,000 bottles per hour.

Advanced diagnostics reduce maintenance downtime and service calls, and auto-shutter activates closing the source aperture any time conveyor shuts down.

The text in the image is:

- Underfill or overfill
- Missing cap/missing lid
- Pressure/vacuum detection
- High/cocked cap detection or high cork
- Label detection
- Low cork or missing cork
- Down bottle/down can
- High/low foam
- Smashed bottle / bulged can
- Missing foil seal under non-metal cap
- Vent tube detection



FILTEC Vision Pressure

FILTEC Vision Pressure solution is a 3D, Vision-based, adaptive solid-state inspection solution for cans and bottles. Its non-contact, high-resolution, laser profiling technology precisely measures the external surface topography of closures to ensure that each container meets its internal pressure or vacuum requirements to prevent poor quality containers from being shipped to the consumer.

- High measurement accuracy: 2 microns (0.002mm) ultra-high-resolution camera and laser optical bench provides robust, accurate 3D laser profiling.
- Compact form factor avoids line reconfiguration and high installation investment
- High-tolerance container positioning delivers consistent, precise profile measurement while reducing setup time and without container needing to be exactly positioned on the production centerline.
- Single measurement solution for ferrous and non-ferrous metal closures, ringpull and plastic closures as well as can lids.



OCR & 2D Code Scanning System

The Cognex OCR & 2D Code Scanning System provides industry-leading code reading and character recognition technology, enabling manufacturers to achieve complete product traceability, compliance, and quality assurance throughout the production process.

Designed for high-speed production environments, the system accurately reads and verifies 2D codes, barcodes, serial numbers, batch codes, expiry dates, and printed text, even when markings are damaged, distorted, low contrast, or applied to challenging surfaces. Powered by advanced machine vision and AI driven algorithms, Cognex technology delivers exceptional read rates and reliability, helping manufacturers minimise errors, reduce waste, and maintain production efficiency.

From pharmaceuticals and food processing to beverage, logistics, and consumer goods manufacturing, the Cognex OCR & 2D Code Scanning System ensures every product can be accurately identified, tracked, and verified before reaching the customer.

Key Features:

Advanced OCR Technology: Accurately reads printed text, lot numbers, expiry dates, serial numbers, and variable data codes.

High-Performance 2D Code Reading: Decodes Data Matrix, QR Codes, PDF417, and other 2D symbologies with exceptional speed and accuracy.

AI-Powered Vision Algorithms: Reads damaged, poorly printed, low contrast, or partially obscured codes that conventional scanners may miss.

Real-Time Verification: Verifies code accuracy and print quality directly on the production line.

High-Speed Inspection: Designed for demanding production environments with rapid product throughput.

Comprehensive Traceability: Supports product tracking, serialisation, anti-counterfeiting initiatives, and regulatory compliance.

Flexible Integration: Seamlessly integrates with production lines, printers, PLCs, databases, MES, and ERP systems.

Detailed Reporting & Data Collection: Provides inspection records, production analytics, and audit trail capabilities.



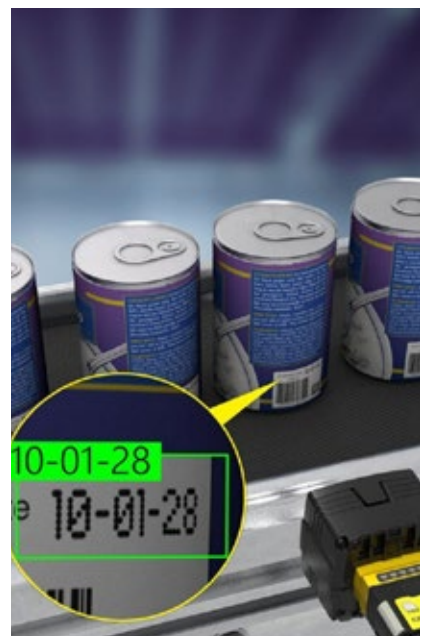
Software Integration.

Scanning and Verification forms part of a line control system.



Engineering Integration.

Environment protected mounting system for production lines.



Character Recognition.

Check and verify human readable text with advanced Ai algorithm.

HM Systems Linerfree Pallet Labelling



Efficient pallet identification is a critical component of modern warehouse, distribution, and supply chain operations. The use of Serial Shipping Container Code (SSCC) labels provides a globally recognised method of uniquely identifying pallets, enabling seamless tracking, traceability, and data exchange throughout the logistics network. Compliant with GS1 standards, SSCC labels help manufacturers, distributors, and retailers maintain accurate inventory visibility while supporting automated receiving, warehousing, and shipping processes.

Visy Technology Systems' automated pallet labelling solution combines high-performance print-and-apply technology with environmentally sustainable linerfree labelling to deliver a smarter end-of-line automation process. Designed specifically for the application of A6-sized SSCC barcode labels, the system automatically prints and applies labels directly onto pallets as they move through production and dispatch operations, eliminating the need for manual labelling and reducing the risk of operator error.

Unlike traditional pressure-sensitive labels that generate significant backing paper waste, linerfree labels remove the need for release liners altogether. This innovative approach reduces waste sent to landfill, lowers disposal costs, and supports corporate sustainability initiatives. By eliminating backing paper rolls, facilities also benefit from longer production runs, fewer label roll changeovers, and improved operator safety through reduced waste handling.

The automated print-and-apply process ensures every pallet receives a consistent, accurately positioned SSCC label with clear, high-quality barcode print for reliable scanning throughout the supply chain. Real-time label generation allows pallet data, batch information, and shipment details to be dynamically incorporated into each label, supporting complete product traceability and compliance with customer and retailer requirements.

Built for demanding industrial environments, the system integrates seamlessly with warehouse management systems (WMS), enterprise resource planning (ERP) platforms, and production control systems. The result is a highly reliable, efficient, and sustainable pallet labelling solution that improves productivity, enhances supply chain visibility, and helps businesses meet both operational and environmental objectives.



Suitable for labelling cartons, products and pallets with GS1 spec trade unit barcodes and SSCC labels. Options for dual panel labelling, long reach pallet labelling, wrap labels.



Visy's CoPal robot palletiser represents a cutting-edge solution in the realm of industrial automation, seamlessly blending advanced technology with unparalleled versatility. With its modular design and intuitive programming interface, the CoPal offers a flexible and user-friendly solution for a wide range of palletising tasks. Equipped with precision sensors and adaptive grippers, it effortlessly handles various shapes, sizes, and weights of products, optimizing efficiency and throughput in warehouse operations. Its robust construction ensures reliability and durability, while its compact footprint makes it suitable for diverse manufacturing environments. By automating palletising tasks, the CoPal robot not only enhances productivity but also minimises the risk of injuries associated with manual handling, contributing to a safer and more efficient workplace.

Key Features:

Large payload and high pace: The workstation has a maximum payload of 30 kg and a maximum Palletising height of 2,100 mm, which can easily handle the palletising needs of industries such as food, beverages, and pharmaceuticals.

Equipped with the new generation CR30A, CR10A\20A cobots, the palletising pace can reach 8-13 pieces/minute, reaching the industry-leading level. Optional Ewellix 900 mm large lifting payload column, with a maximum payload capacity of 1500 N. It is stable and reliable with low noise.

Flexible deployment: The workstation adopts a modular design, supports plug and play, and is able to quickly complete installation, easily handle the production of "multiple products", and save the trouble of changing lines.

Supports Picking and Placing Partitions: In response to the needs of the food and beverage industries, the process package adds support for picking and placing partitions during the palletising process to enhance stack stability. The partition's picking and placing feature setting is very simple. Just complete the settings of partition picking point, transition point, and placing point in three steps to finish the configuration.

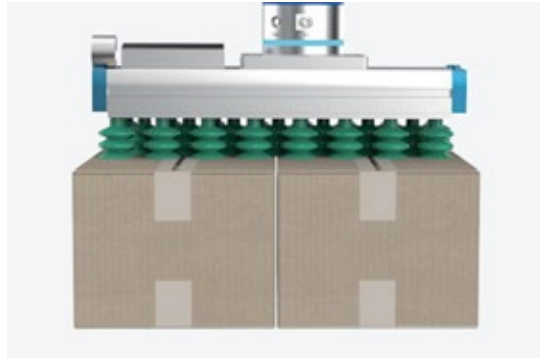
Efficient Dual-suction Mode: It supports free configuration to pick one or two boxes at a time, greatly improving the efficiency of palletising and better adapting to high pace palletising scenarios.

It now supports for the dual-suction mode, which can pick two boxes at a time for palletising, making the palletising efficiency increased by up to 62.5% and helping easily start efficient palletising.

Visual Configuration: The process package comes with a 3D display function, which can display information such as boxes, pallets, stack types, and layers in real-time 3D graphics during configuration, making the application configuration more intuitive and simple.



The Dobot Cobot Palletiser is ideal for businesses looking to optimise their end of line handling, offering reliability, flexibility, and the ability to handle a range of product sizes and weights, all while maintaining high standards of safety and accuracy.



Visy Technology Systems.

Call 1800 634 569 or visit visytech.com



FOR A BETTER WORLD

