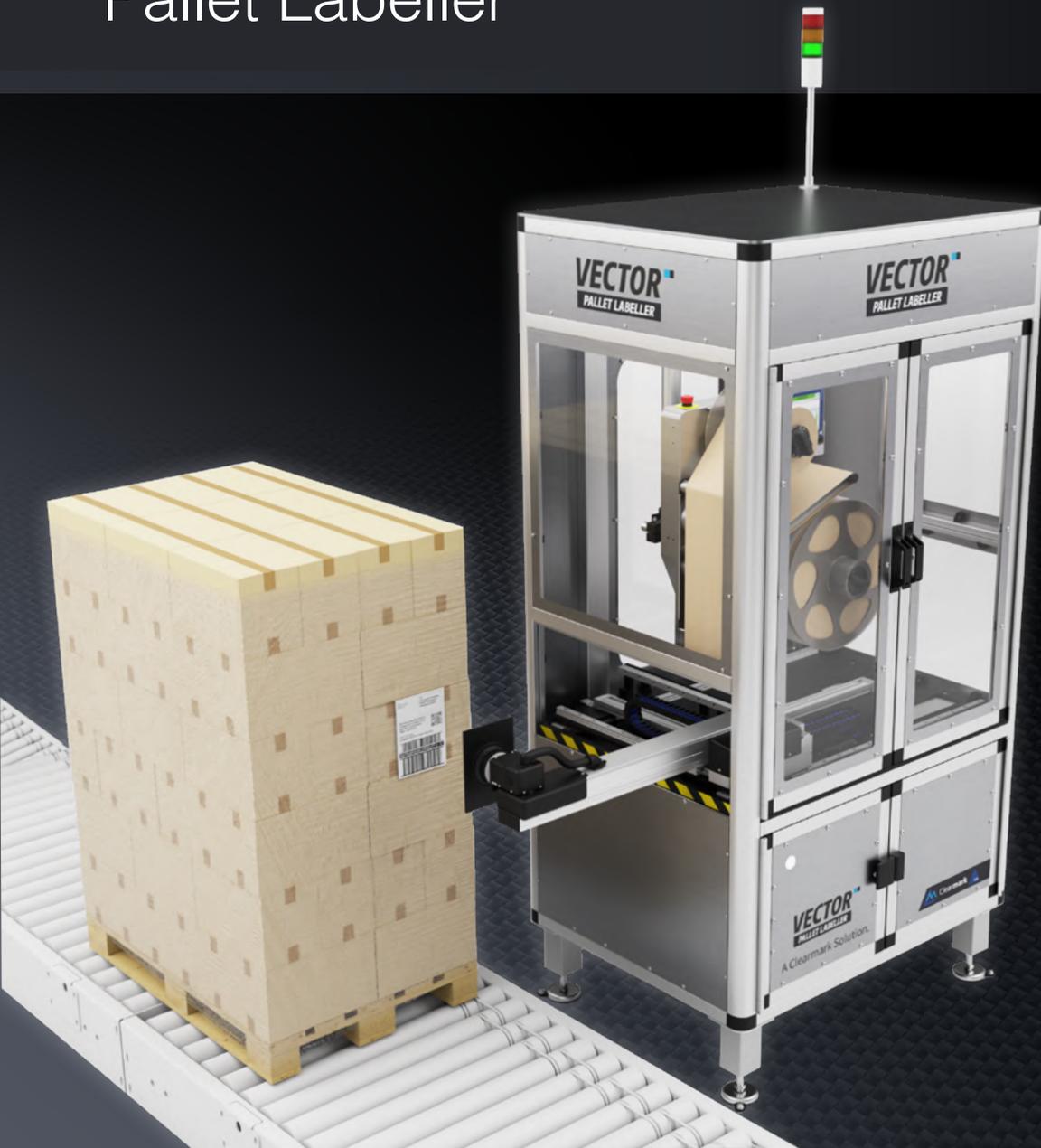


VECTOR

Pallet Labeller



Ice

VECTOR

Pallet Labeller



Introducing the Vector, a low maintenance high performance tertiary pallet labeller, capable of printing up to four labels on three sides with two pallet stop positions.

The Vector pallet labeller completes Clearmark's coding portfolio, enabling customers to benefit from joined-up coding solutions across primary, secondary and tertiary operations paving the way for the factory of the future.

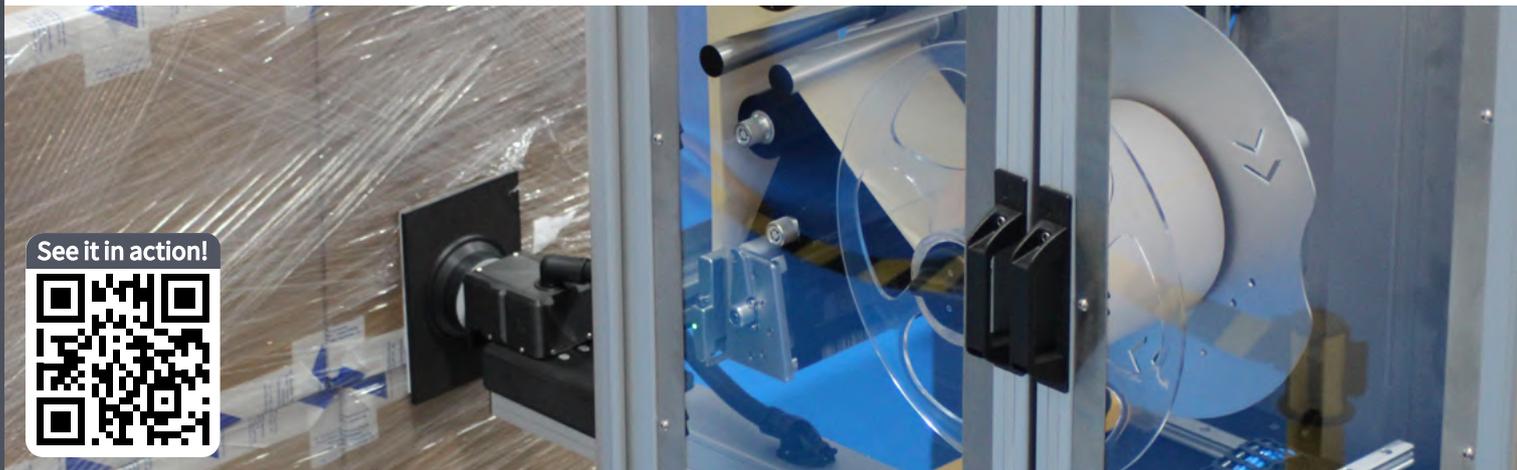
Powered by the proven ICE Vulcan Print and Apply technology, the Vector is designed for those looking to automate a pallet labelling process, from food, beverage and pharmaceutical factories to supply chain and logistics operations. It provides maximum label visibility and product traceability printing on A5 labels set to a GS1 compliant specification. It can also label side and front or rear sides with a single pallet stop at up to 100 pallets per hour* and features barcode scanning, shutter and optional heater for atmospheric containment, ideal for challenging environments.

PRINT AND APPLY AT UP TO
100 PALLETS PER HOUR

with a 180 degree pivoting applicator
arm with up to 650mm reach



* dependent on size and location



See it in action!



The Vector Pallet Labeller features:

Fast, direct and compliant application with no missed pallets

- › GS1 compliant - apply two labels to GS1 standard with a single stop
- › Offering simplicity and reliability, a high performance pallet labeller designed to match your production speed
- › Fast and accurate printing, with optional barcode verification module
- › Features Intelligent Motion™ technology, enabling precise automatic control of labels and ribbon

Engineered to excel in challenging environments, cut downtime and provide an attractive ROI

- › Fully enclosed system with a climate controlled cabin to ensure optimum conditions within the enclosure, as well as print engine guards and dust protection to ensure consistent print quality
- › 80% fewer wear parts compared to traditional pallet labeller systems, providing a low cost of ownership
- › Robust 650mm long-reach cartesian-style arm guarantees GS1 specification label placement on all pallet configurations
- › Dual operator interface for continual working during ribbon / label reel changes

Designed for the highly automated and connected factory

- › Intelligent I/O system allows seamless integration with factory Warehouse Management Systems (WMS) and works with an extensive range of onboard data-protocols, including Zebra and SATO
- › The systems CLARiTY™ display can be viewed remotely with a networked PC and standard web browser to easily monitor system efficiency, performance and any line stoppages to help increase plant-wide Overall Equipment Effectiveness (OEE)
- › Compact footprint of 1125mm x 875mm

A Clearmark solution, tailored to your needs

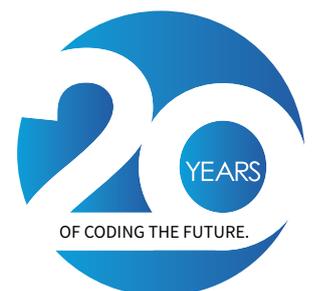
For over two decades, Clearmark has been harnessing the power of proven ICE technology to solve complex customer challenges, building innovative solutions tailored to extend performance and capability.



Taking you from design to install and beyond

We don't just sell you a standalone printer or labeller. We build relationships that award us a unique insight into your operations, helping us deliver innovation through collaboration.

Ultimately we design, manufacture and integrate systems that are unique to your business and help you meet your particular demands, whatever they may be.



Printer

Application method	Direct Apply
Print technology	Thermal transfer printing with Intelligent Motion™ ribbon drive and direct thermal
Printhead replacement	Tool free quick release printhead replacement
Print speed	Up to 500mm/sec
Throughput	Up to 100 pallets per hour, dependent on line speed and positioning
Print resolution	300dpi/200dpi emulation mode

Ribbon

Ribbon width	Up to 160mm
Ribbon length	Up to 830m, including automatic ribbon save (<1mm ribbon gap between successive prints irrespective of label size or speed)

Label

Media type	Thermal transfer or direct thermal paper labels
Width/length	Up to 160mm/148mm for A5 labels
Capacity	Up to 400mm spool diameter (typically delivers over 9000 typical GS1 barcode labels per roll). Low labels and end of label detection with predicted changeover time built in as standard. Automatic adjustment for label/backing type and label size.

General

6.5" TFT SVGA (800 x 800) touch screen operator interface	On-board diagnostics
Full-colour LCD touch panel interface WYSIWYG print preview	On-board memory, compact flash and/or expansion card
3 levels of password protection	Job selection and database support as standard

Software

CLARISOFT® Image Design Software	Auto best before date calculation and concession management
Full downloadable font support for Windows TrueType fonts (including multiple languages and Unicode support)	Scalable text including rotation, mirror and inverse printing
Fixed, variable and merged text fields	Flexible date/time formats
Link fields to databases	Real-time clock functions
Formats for shift coding	Auto increment/decrementing text, counters and barcodes
Mirror image printing, image rotation	Multiple graphic formats supported (up to maximum print area)
Basic shape drawing	400MB on-board label database, sufficient for 25,000 typical GS1 barcode label designs
Barcodes EAN8, EAN13, UPC-A, UPC-E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417	

Communications

Compatible with CLARISUITE™	Binary and ASCII comms protocols
Compatible with any label design software which support Zebra and Sato print engines Zebra (ZPL), Sato (SBPL) and Markem-Imaje (Cimcomms) protocol support	

Connectivity

Ethernet	Power-over-Ethernet
RS232	Configurable I/O (240V, PNP and volt free)
USB (for backup/restore and label upload)	Web browser
Binary and ASCII comms protocols	

Services

Power supply	90-260VAC (115W at 50 packs per minute)
Operating temperature	5°C - 40°C
Weight	40kg (max, including ribbon and labels)

Regulatory approvals

CE Mark TUV