



ICE Vulcan Plus Tamp Applicator.

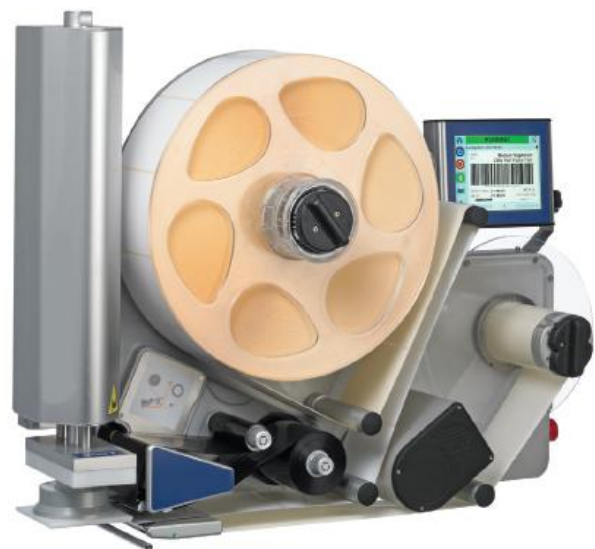
Print/Apply Labeler with Intelligent Motion™.

The ICE Vulcan Plus with Tamp Applicator is a smarter print and apply labeler that targets zero unscheduled downtime and reduces costs and errors in case coding operations.

Intelligent Motion™ Technology automatically and precisely controls the entire system helping to remove operational downtime often caused by label jams and snapped labels.

A robust and simply designed applicator makes it easy to use, plus an integrated pack detect feature helps ensure accurate label placement.

The ICE Vulcan Plus with Tamp Applicator is ideal for top-of-pack labelling onto variable height cases, bundles or shrink wrapped products or for applications when the pack is stationary at the point of labelling.



Uptime Advantage

- Optimize maintenance labor by removing common wear and adjustment parts
- Integrated pack/case detect and applicator home/extended sensors fitted as standard
- Intelligent Motion™ precisely controls label feed with no clutches and no nip roller

Built-in productivity

- Optimize print quality and printhead life with automatic printhead pressure regulation
- Track performance and help achieve OEE improvements with onscreen diagnostics

Code Assurance

- Virtually eliminate operator errors, helping to ensure products are coded correctly with built-in Code Assurance software features
- Minimize operator touches with on-board label database for accurate job selection
- Automate bar code creation by linking data from multiple text fields

Simple usability

- Perform label and ribbon changes in less than 60 seconds through simplest web path
- Quickly check status and select jobs with single, intuitive interface that makes operation easy
- Easy access via pivot to applicator and air-pipe (tool-free access) for printhead cleaning and maintenance

ICE Vulcan Plus Tamp Applicator.

Technical specifications.

Application method

Pneumatic telescopic tamp applicator Stroke/Reach 11.8" (300 mm) (variable - automatic pack/case detection)

Print technology

Thermal Transfer printing with Intelligent Motion™ Ribbon Drive and Direct Chemi-Thermal

Print resolution

300dpi / 200dpi emulation mode

Printhead health monitoring

Tool-free quick release printhead replacement

Print speed

1.6 – 19.7inches/sec (40 – 500mm/sec)

Throughput

Up to 60 packs per minute (depending on label size, telescopic stroke)

Recommended max conveyor speed 98.4 ft/min (30 m/min)

Ribbon specification

Width: 2.2" (55 mm), 3.0" (76 mm) and 4.3" (110 mm) (standard)
Capacity: Up to 830 m, including automatic ribbon save (< 1 mm ribbon gap between successive prints irrespective of label size or speed)

Low Ribbon and End of Ribbon detection with predicted changeover time built in as standard

Label specification

Label Width 2.0" to 4.5" (50 mm to 115 mm).

Label Length 2.0" to 4.7" (50 mm to 120 mm).

Capacity: Up to 400 mm spool diameter (typically delivers over 9000 typical GS1 bar code labels per roll)

Low Labels and End of Label Reel detection, with predicted changeover time built in as standard

Automatic adjustment for label/backing type and label size 400MB on-board label database, sufficient for 25,000 typical GS1 bar code label design

Print capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time formats; flexible shift code formats; auto best before date calculations and concession management; calendar rules; auto incrementing decrementing text, counters and bar codes; multiple graphic formats supported (up to maximum print area); link fields to databases; scalable text and text blocks

Bar codes supported

EAN 8, EAN 13, UPC-A, UPC-E, Code 39, GS1-128, Code 128, ITF, RSS (including 2D composite codes); others available upon request

Connectivity

Ethernet, Power-over-Ethernet, RS232, Configurable I/O (24V, PNP and volt free)

USB (backup/restore and label upload), remote Control ICE Vulcan Plus via a web browser

Control

Seamless integration into production and control networks using EtherNet/IP™ and ProfiNet® protocols

Communications Protocols

Compatible with Clarisuite™

Videojet binary and simple-ASCII protocols

Compatible with any label design software which supports Zebra or Sato print engines

Zebra (ZPL), Sato (SBPL) and Markem-Imaje (Cimcomms) protocol support

Communication

Simplify Communication and integration with embedded Wi-Fi

Interface

CLARITY™ Controller with Interactive on-board video tutorials

Language Capabilities

Arabic, Bulgarian, Czech, Danish, English, German, Greek, Finnish, French, Hebrew, Hungarian, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, simplified Chinese, Slovak, Spanish, Swedish, Thai, Turkish, Traditional Chinese, Vietnamese

Compressed Air

6 Bar. 90psi, uncontaminated

Operating Environment

Temperature Range: 41-104°F (5-40°C)

Humidity: 20-85% Relative, non-condensing

Touchscreen

8"

Weight

105.8 lbs (48kg) (max, including ribbon and labels)

Applicable certifications

CE, TÜV

