



ICE Vulcan Plus.

Print/Apply Labeler with Intelligent Motion™.

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

Operational downtime caused by label jams and routine manual adjustments is removed through Intelligent Motion Technology, which automatically and precisely controls the entire system.

In addition, Direct Apply™ is a unique on-demand labelling method that allows accurate placement of the label onto the package without the need for an applicator – even at high speeds.

Maximize your line uptime, increase productivity and remove the risk of mislabeling packages with the most advanced and user friendly print and apply labeling system



Uptime Advantage

- Zero mechanical adjustments during day-to-day operation
- Optimizes maintenance labor by eliminating more than 80% of wear parts
- Keep your lines running longer with automatic set-up

Built-in productivity

- Never miss a label, regardless of line throughput and pack sizes with Direct Apply labelling up to 150ppm for a typical GSI 4"x6" label
- 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

- Virtually eliminate label jams and simplify set-up with Direct Apply for mainstream top or side applications
- Minimize misapplied and snapped labels with on-demand Direct Apply using no plant air
- 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

ICE Vulcan Plus.

Technical specifications.

Application method

Direct Apply (standard) with Intelligent Motion™ Label Drive
Optional applicators: Front Apply, Ultra High Speed and Telescopic Tamp

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 350 packs per minute, dependent on line speed and pack size only

Ribbon specification

Width: 2.2" (55mm), 3.0" (76mm) and 4.3" (110mm) (standard)
Capacity: Up to 830m, including automatic ribbon save (< 1mm 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

Width/length: 2.0" to 4.5" / 2.0" to 11.8" (50 to 115mm / 50 to 300mm)
Capacity: Up to 400mm 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 designs

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 (for 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 Videojet 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

No air required for standard Direct Apply labelling

Power Consumption

90 – 260VAC (115W at 50 packs per minute)

Operating Environment

Temperature Range: 41-104°F (5-40°C)
Humidity: 20 - 85% Relative, non-condensing

Touchscreen

8"

Weight

88.2 lbs (40kg) (max, including ribbon and labels)

Applicable certifications

CE, TÜV

