

1510

automatic labeling system



The Label Mill® 1510 label applicator makes capabilities standard that were once custom on label applicators. More than two dozen I/O points allow for easy integration to scales, bar-code scanners, product diverters, automatic machines, conveyor lines, remote trigger, tamp synchronization, and indicator signals such as low label, broken web, batch done, and more. Selections of several standard features are easy to enter using the touch screen user interface. The controller software is user-friendly and password protected. Selectable features include batch counter, job storage, and operational modes. The high speed servo motor drive sets the standard for label applicators, outperforming stepper and clutch/brake applicators in speed, accuracy and dependability. Optional hand-held user interface allows for quick and easy system adjustments.

Built-in automatic features make set-up and operation easy and intuitive. These features include automatic set-up, automatic label detect, missing label detect and advance, automatic speed compensation, and conveyor speed tracking. The 1510 is designed for heavy-duty industrial use and is available in left and right-hand models.

- Missing Label Detect
- Automatic Set-Up
- Heavy Duty Industrial Design
- Left and Right-Hand Models
- Touch Screen User Interface
- Optional Hand Held User Interface
- User-Friendly Operating Software
- 25 I/O Points
- 2 Serial Ports
- Encoder Port
- Batch Counter
- Job Storage
- 8 Relay Outputs
- 12 Opto Isolated Outputs
- 3 DC Drive Control Outputs
- 4 Labeling System Network Control Ports
- 1 DC Servo Drive Output



- **Quick Change Tamp Pads**
- **Swing Away Modules**



LABELMILL

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1510 Automatic Labeling System

Labeling Speed/Rate

Up to 1500 linear inches per minute and, depending on label and product size, approximately 250 labels per minute. Higher speeds available based on application

Interface Sensors

Product sensor - photo eye/limit switch/PLC input
Auxiliary outputs with connector standard

Label Placement

Label placement up to +/- 1/32" when labels are produced to specifications and product handling is controlled

Electrical

115 VAC/60Hz - 6 amps

Label Roll Capacity

12" maximum outside diameter wound on a 3" I.D. core. Die-cut waste removed with minimum of 1/8" separations between labels in running direction

Air Requirements

80 psi/3cfm when equipped with tamp, blow, swing, or corner wrap

Label Size

Minimum 1/2" wide x 1/2" long
Maximum 6 1/2" wide x 12" long (optional sizes available)

Application Method

Tamp, wipe-on, flag, blow, corner-wrap, and swing tamp

Environment

Operating 50-95° F (10-35° C)
15-85% RH, non-condensing

General Size

25"W x 22"D x 21"H

Weight

60 lbs. with u-arm

Options

Touch screen, alarm beacon, low label, broken web, power unwind for larger spools, left-hand models, custom programming



Tamp

- Swing-Away Tamp Assembly for Ease of Webbing and Maintenance



Blow-On

- Swing-Away Blow Box for Ease of Webbing and Maintenance



Corner Wrap

- Compliant Tamp Pad
- Heavy Duty Rotary Actuator



Wipe-On

- High-speed and flexible applications



Adjacent Panel

- Compliant Tamp Pad
- Heavy Duty Rotary Actuator