

1510/1510HS

automatic labeling system



The LabelMill® 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.

- Speeds up to 2400 Inches a Minute
- Close Loop Servo Drive System
- 12 & 16 Inch Label Storage Spool Standard
- Heavy Duty Industrial Design
- Swing Away Tamp Assemble
- User-Friendly Operating Software
- Automatic Set-Up
- Batch Counter
- Job Storage
- Missing Label Detect
- Left and Right-Hand Designs
- 15 Auxiliary I/O Points (Factory Programmable)
- Hand Held User Interface
- Optional Touch Screen User Interface
- Optional Serial Interface Ports (Two / Factory Programmable)
- Optional Encoder Port / Conveyor Interface
- Optional Dual Trigger Inputs
- Optional Power Unwind Label Storage Spool
- Optional Ether-Net Interface (Factory Programmable)
- Optional Tandem Labelers / Zero Down time
- Optional System Status Light Tower
- Optional Smart Tamp
- Optional Loose Loop Interface to Thermal Printer



1510



1510HS



LABELMILL

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LabelMill

2416 Jackson St., Savanna, IL 61074
Tel: 800.273.4707 or 815.273.4707
Email: pmills@labelmill.com
www.labelmill.com

Coding Solutions Inc.

394 38th Avenue, St. Charles, IL 60174
Tel: 888.443.9602 or 630.443.9602
Email: rwienhoff@codingsolutions.com
www.codingsolutions.com



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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 $\pm 1/32$ " when labels are produced to specifications and product handling is controlled

Electrical

115 VAC/60Hz - 10 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/3 cfm when equipped with tamp, flag, 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



1510HS Automatic Labeling System

Labeling Speed/Rate

Up to 2400 linear inches per minute and, depending on label and product size, approximately 500 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 $\pm 1/32$ " when labels are produced to specifications and product handling is controlled

Electrical

115 VAC/60Hz - 10 amps

Label Roll Capacity

16" 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/3 cfm when equipped with tamp, flag, 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

65 lbs. with u-arm

Options

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

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Adjacent Panel

- Compliant Tamp Pad
- Heavy Duty Rotary Actuator



Blow-On

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



Corner Wrap

- Compliant Tamp Pad
- Heavy Duty Rotary Actuator



Tamp

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



Wipe-On

- High-speed and flexible applications

