

## CTM Labeling Systems

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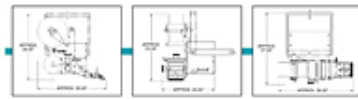
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## Item # 360, 360 Series Label Applicator

The 360 Series Label Applicator is a rugged, versatile labeler loaded with standard features not found on most other applicators. The 360 can be configured as a merge, blow-on or tamp-blow applicator and each module can also be easily switched to an opposite hand with no change parts in a minimum of time. The 360 is available in 5", 7-1/2" and 10" widths and all units are stepper motor driven and include Dual Microprocessors, State-of-the-art electronics, intelligent control equipped with onboard I/O, and a "Self-teaching" label sensor.



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### SPECIFICATIONS

Series	360
Voltage	108-132 VAC
Frequency	50/60 Hz
Phase	Single
Current	10 amps
Air Consumption @ 60-90 psi.	Up to 4 CFM
Label Placement	± 1/32 in
Air Blow Width	28 in
Air Blow Height	24 in
Air Blow Depth	27 1/2 in

Merge Width	29 in
Merge Height	25 in
Merge Depth	27 1/2 in
Tamp Width	28 in
Tamp Height	22 1/2 in
Tamp Depth	27 1/2 in

## LABEL SIZES

Min. Air Blow (W x L)	3/4 x 3/4 in
Max. Air Blow (W x L)	7.5 x 9 in
Min. Merge (W x L)	3/4 x 3/4 in
Max. Merge (W x L)	10 x 20 in
Min. Tamp (W x L)	3/4 x 3/4 in
Max. Tamp (W x L)	10 x 10 in

## LABEL ROLL SIZE

Max. OD Core	12 in
Max. ID Core	3 in
Optional	16" OD or 20" OD x 3" or 6" ID cores

## LABELING SPEEDS

Programmable to 1500 inches per minute, to 2100 IPM with oversize unwind and rewind. Programmed with speed profiling ability.

## PRODUCT SENSING

Retroreflective scanner provided as standard, other types available

## STEPPER MOTOR

The 360 stepper drive uses a micro pulse driver for increased accuracy and performance, and is programmable to dispense labels at up to 2100 inches per minute.

## CONTROL

The 360 is equipped with state-of-the-art electronics featuring a Dual Microprocessor control - One 32-bit processor supervises the application program while a digital signal processor (DSP) supervises the motion loop resulting in faster response times and improved application accuracy. The 360 controller is also equipped with onboard I/O pre-wired to external connectors to accommodate the following:

**low label - tamp home and extend switching**  
**web break - encoder velocity compensation**  
**loose loop control - product shape profiling**  
**imprinting - zero downtime configuration**

Each machine is shipped preprogrammed and can have the additional hardware installed at a later date for simple "plug n play" operations. The electronic control assembly is packaged as a module and can be easily removed for repair or replacement, eliminating costly downtime and servicing.

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## OPERATOR INTERFACE

The self-prompting user-friendly display control comes with an easy to read, 4 line, 40 character LCD display. Dedicated soft keys allow quick access to the most frequently used set up parameters, thus eliminating lost time searching through complicated menus.

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