
Item # 360, 360 Series Label Applicator & Item # 360a, 360a Series Label Applicator (pg. 4)

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.



· SPECIFICATIONS · LABEL SIZES · LABEL ROLL SIZE · LABELING SPEEDS · PRODUCT SENSING ·
STEPPER MOTOR · CONTROL · OPERATOR INTERFACE

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.

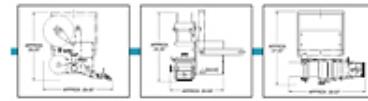
OPERATOR INTERFACE

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.



Item # 360a, 360a Series Label Applicator

The 360a Series Label Applicator evolved from the industry standard 360 Series Platform. The 360a can be configured as a merge, blow-on or tamp-blow applicator, 5", 7.5" or 10" widths and each module can also be easily switched to the opposite hand with few or no change parts in a minimum amount of time. All units are stepper motor driven to include State-of-the-art electronics and a "Self-teaching" label sensor. File encryption of the 360a allows for easy "on-site" software revisions and upgrades.



· SPECIFICATIONS · LABEL SIZES · LABEL ROLL SIZE · STEPPER MOTOR · CONTROL · OPERATOR INTERFACE · LABELING SPEEDS

SPECIFICATIONS

Series	360a
Voltage	120 VAC 240 VAC Available
Current	5 amps
Frequency	50/60 Hz
Phase	Single
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
Product Sensing	Retroreflective scanner provided as standard, other types available

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

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 3000 inches per minute.

CONTROL

The 360a features a combined power supply, amplifier and position controller to comprise a single drive package. The new single axis digital stepper / servo controller controls up to five tasks simultaneously plus management of variables with expanded I/O making this drive well-suited for the most demanding production applications. The 360a controller is also equipped with onboard I/O prewired to external connectors to accommodate the following: **low label - single, double or triple lightstack**
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.

OPERATOR INTERFACE

The 6", 256 color, TFT touch screen operator interface provides a bold, bright, high contrast display with self-diagnostic platforms and multi-level intuitive set-up features.

LABELING SPEEDS

Programmable to 3000 inches per minute with secondary unwind and vacuum takeaway. Programmed with speed profiling ability.
