

THARO

PA2000

PRINTER/APPLICATOR

New, from the creators of **EASYLABEL®**, is the **Tharo PA2000 Printer/Applicator!** A powerful accessory for Tharo H-400/H-600 Series thermal transfer/ direct thermal bar code label printers

Meet Demanding Applications with Maximum Uptime and Economical, Worry-Free Operation!

■ **Compact** — The PA2000 features a smaller footprint than other Printer/Applicators at 16.5" wide x 30" long for the H-400 or 19.5" wide x 30" long for the H-600. The PA2000 has a remote front panel for easy access, regardless of the orientation of the applicator which allows it to be installed in locations where other Printer/Applicators cannot.

■ **Easy To Use** — The Tharo PA2000 Printer/Applicator is easy to use because it needs minimal adjustments and is quick to setup or changeover to apply labels to either the top or side of a product.

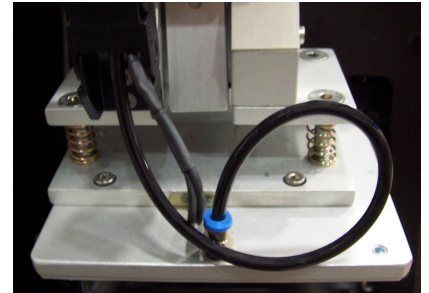
■ **Fast** — The PA2000 is quick and accurate because it can apply up to 58 labels per minute depending on label size, printer used and product height. A switching device, such as a foot switch, optical sensor or Programmable Logic Controller (PLC) can be connected to the applicator's PLC port to initiate the print and apply cycle. LEDs provide visual operating status and error conditions.

■ **Cost-effective** — Due to the minimal training, quick integration and increased personal productivity, the PA2000 provides a rapid return on investment. It has all-metal construction and time-tested components that are made to last.

■ **Controlled Contact** — The PA2000 uses springs and an adjustable pressure sensing switch on the tamp pad to allow for very precise label placement and controlled contact.

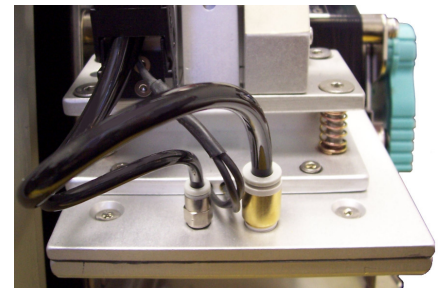
■ **Easy To Service** — The PA2000 is quick and easy to maintain and service because it has a limited number of moving parts and the best technical support in the industry.

■ **Exceptional Accuracy** — The PA2000 is capable of label placement accuracy within 0.01" for stationary products and 0.125" for moving products.



Standard Tamp Pad-

The customizable tamp pad comes pre-fitted with a nonstick plastic surface to suit your labeling needs.



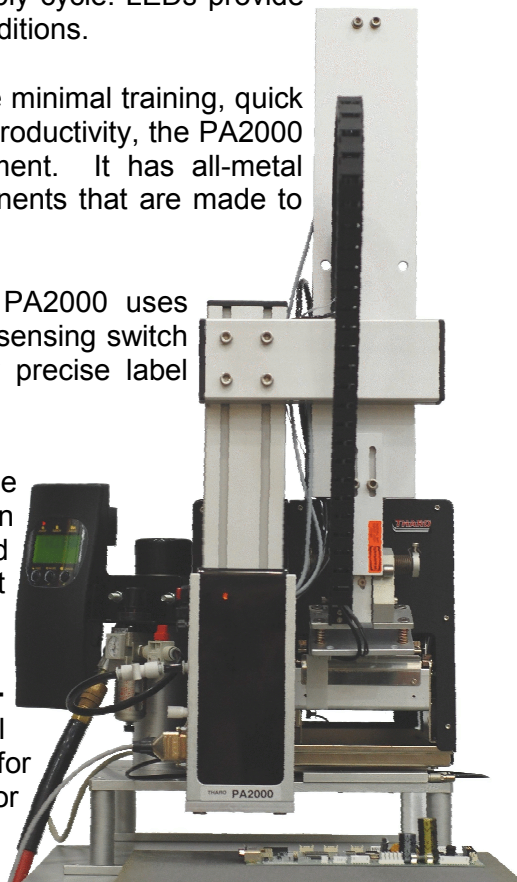
Tamp / Blow Alternative-

For those special jobs where a Tamp Applicator isn't appropriate, as with concave or convex objects, the Tharo PA2000tb will do the trick! The tamp pad stops between 1/2" and 2" from the product and the label is blown on.



Specialty Tamp Alternative-

For situations where very small labels need to be applied, as with circuit board applications, the PA2000 supports custom tamp sizes that will permit labels as small as .20" wide x .20" high.



OPTIONS



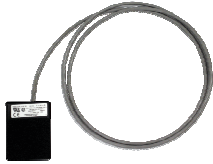
Warning Beacon -

The warning beacon functions as a visual display for applicator and printer errors. It can be used with all of the PA2000 variants.



Product Sensor -

The product sensor functions as an automatic trigger device, which sends a start signal to the applicator. It can be used with all of the PA2000 variants.



Foot Switch -

The foot switch functions as a manual trigger device, which sends a start signal to the applicator when it is pressed. It can be used with all of the PA2000 variants.



Product Sensor Timer -

The product sensor timer is used to delay the application process. It can be used with all of the PA2000 variants.



Hand Cranked Height Adjustable H-base Stand -

Allows for extremely precise height adjustment, provides stability, and enables the PA2000 to be used with a conveyor or other automated system.

Locking casters are available for the stand. It can be used with all of the PA2000 variants.

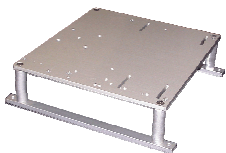
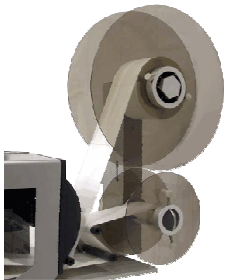


Table-top Stand -

Allows the PA2000 applicator to be placed on a table as an alternative to the H-Base Stand. It can be used with all of the PA2000 variants.



External Unwind/Rewind -

Accommodates up to a 14" OD roll of label stock and allows for quick replacement of media, which helps keep downtime to a minimum. It can be used on all 4 inch wide variants of the PA2000 except for the Specialty Tamp.



Universal Tamp Pad -

Provides the flexibility to print and apply labels of varying sizes without having to change tamp pads. A tamp pad and Applicator firmware upgrade are included.

SPECIFICATIONS

Minimum Label Sizes:

Specialty Tamp: .20" x .20" (5mm x 5mm)

Tamp: 2" x 1" (50.8mm x 25.4mm)

Tamp/Blow 3" x 1" (76.2mm x 25.4mm)

Maximum Label Size:

H-427/H-436: 4.5" x 8.0" (114mm x 203mm)

H-626/H-634: 6.0" x 8.0" (152.4mm x 203mm)

Placement Accuracy: stationary: $\pm 0.01"$ (.25mm) or moving: $\pm 0.125"$ (3mm) (for example: conveyor belt applications)

Speed: Up to 58 labels per minute depending on the printer, applicator, product height, etc.

Weight of Applicator: 27lbs (12kg) – 37lbs (17kg)

Weight of Stand: 120lbs (55kg)

Standard Stroke Length: 17" total (432mm) (10" (254mm) below table) on the Tamp, Tamp/Blow and Specialty Tamp. Custom length cylinders are available upon request.

Air Requirement: 75 to 90 psi (5 to 6 bar)

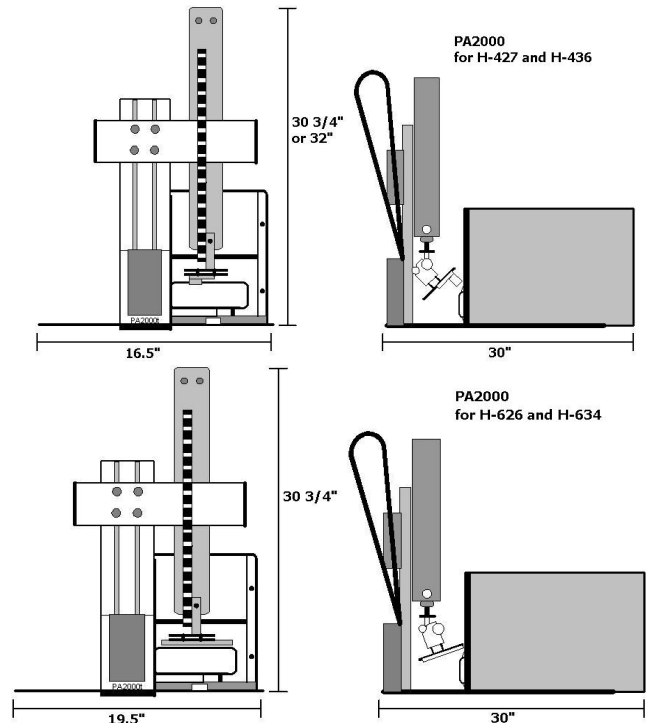
Variable Height: Pressure Sensing Switch on the Tamp allows for labeling products of different heights without adjusting the applicator.

Printer Type: Tharo H-427, Tharo H-436, Tharo H-626 or Tharo H-634 Direct Thermal/Thermal Transfer Printers

Power Source: Auto Switching 110/240VAC 50/60Hz

Environmental: 50-95°F (10-35°C) at 10-85% humidity

Standards: Built to CE safety and emissions standards.



Authorized Distributor:

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