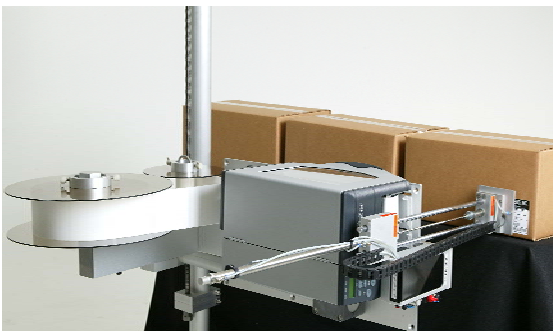


THARO

PA1000tZ

PRINTER/APPLICATOR

New from the creators of **EASYLABEL®**, comes the Tharo PA1000tZ Printer/Applicator... a powerful accessory for the **Zebra® Z4M™** thermal/thermal transfer bar code label printer.



■ **Easy to Use** - The Tharo PA1000tZ Printer / Applicator is easy to use, with minimal adjustments necessary, quick setup and changeover for applying labels to either the top or side of a product.

■ **Fast** - See throughput chart on reverse side.

■ **Cost-effective** - With minimal training, quick integration and increased personal productivity, the PA1000tZ Printer / Applicator provides a rapid return on investment. Meet demanding applications with maximum up time and economical, worry-free operation!

■ **Rugged** - The PA1000tZ Printer / Applicator features all metal construction and is made to last with time-tested components. Heavy-duty guide rods were engineered to compensate for high stress in side labeling with minimal deflection. With rugged dependability, the PA1000tZ provides accurate, true on-demand operation, with low maintenance and precise positioning.

■ **Controlled Contact** - via the use of springs and an adjustable pressure sensing switch on the Tamp Pad.

■ **Easy to Service** - With few moving parts, the PA1000tZ Printer / Applicator is easy to service, and replacing printers is a snap! And our reliable, after-sales customer service provides you with the best technical support in the industry! With a sleek design, and clean operation, the Tharo PA1000tZ is delivered with a customizable Tamp Pad that you can modify in-house to fit your specific label size. The Tamp Pad size can vary, allowing you the flexibility to accommodate labels from 2" x 1" to 4 1/2" x 8". Labeling products of variable height is a standard feature, which adds a great deal of flexibility to the Tharo PA1000tZ. The PA1000tZ is delivered with a Hand Cranked Height Adjustable T-Base Stand and one Tamp Pad.

The compact PA1000tZ Printer / Applicator is quick and accurate, applying up to 58 labels per minute, depending on label size and height of product. The PLC interface provides maximum flexibility by allowing control of the system to be accomplished by almost any device, from a simple micro switch or optical sensor to a sophisticated intelligent controller (PLC). LEDs provide visual operating status and error conditions.

■ **Tamp/Blow Alternative** - For those special jobs where a Tamp Applicator isn't appropriate, the Tharo PA1000t/bZ Tamp Blow will do the trick! With the ability to apply labels to convex, concave or flat surfaces, on either the top or side of a product, the Tamp Pad size can vary allowing labels from 1" x 3" to 4" x 6 1/2" to be used. The adjustable guide rods stop the Tamp Pad between 1/2" to 2" from the product - from there the label is blown on.

OPTIONS

Warning Beacon - alerts operator to an Applicator error condition

Product Sensor - triggers Applicator upon sensing a product

Product Sensor Timer - can delay the triggering of the Applicator to be timed for specific label placement on a product

Foot Switch - for manual triggering of Applicator

EASYLABEL® Label Design Software

SPECIFICATIONS

Minimum size label: 2" x 1" (50 x 25mm)

Maximum size label: 4 1/2" x 8" (114.3 x 200mm)

Label Placement Accuracy:

± 0.125" (3.175mm)

Speed: Up to 58 labels per minute

Weight: Applicator w/table and unwind/rewind: 40 lbs. (18.2 KG)

Stand only: 95 lbs. (43.0 KG)

Tamp Pad Sizes: 4" (101.6mm), 6" (152.4mm), 8" (203mm)

Variable Height: Labeling accomplished with an adjustable pressure sensing switch on the Tamp Pad; allows the PA1000tZ to label products of different heights without adjusting the Applicator.

Stroke Length: 17" (432mm)

(10" (254mm) below table)

Supply Roll:

12" (304.8mm) maximum outside diameter on 3" (75mm) cores

Power Source:

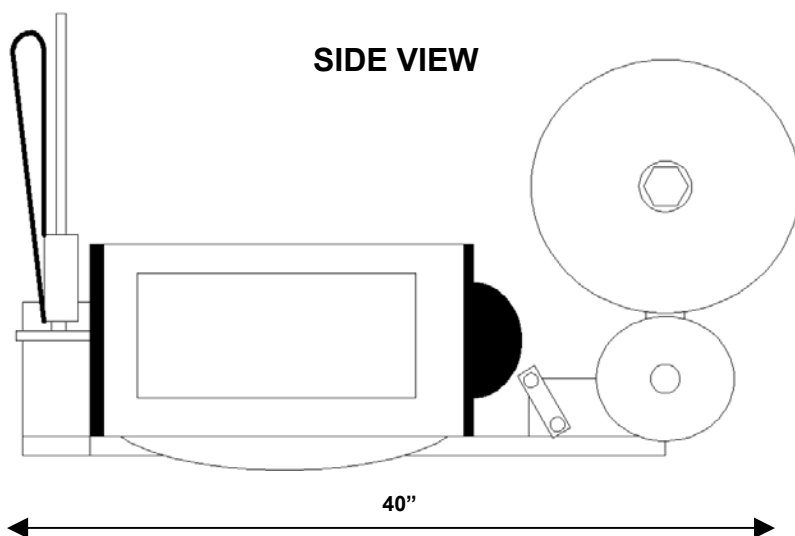
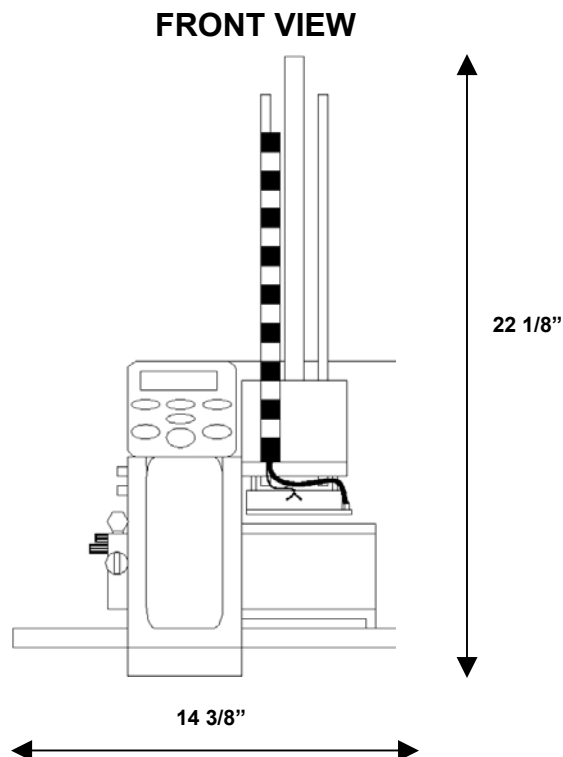
Switchable between 115 V 60 Hz or 230 V 50 Hz

Environmental:

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

Standards:

Built to CE safety and emissions standards.



MAXIMUM LABELS PER MINUTE*

Size	With Full Back Feed	Without Full Back Feed
4"x 2"	43	58
4"x 4"	37	47
4"x 6"	34	37

*Based on Label size, stroke length and conveyor speed. These results were achieved with a 9" stroke (2" below table). Each label was unique.

THARO
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