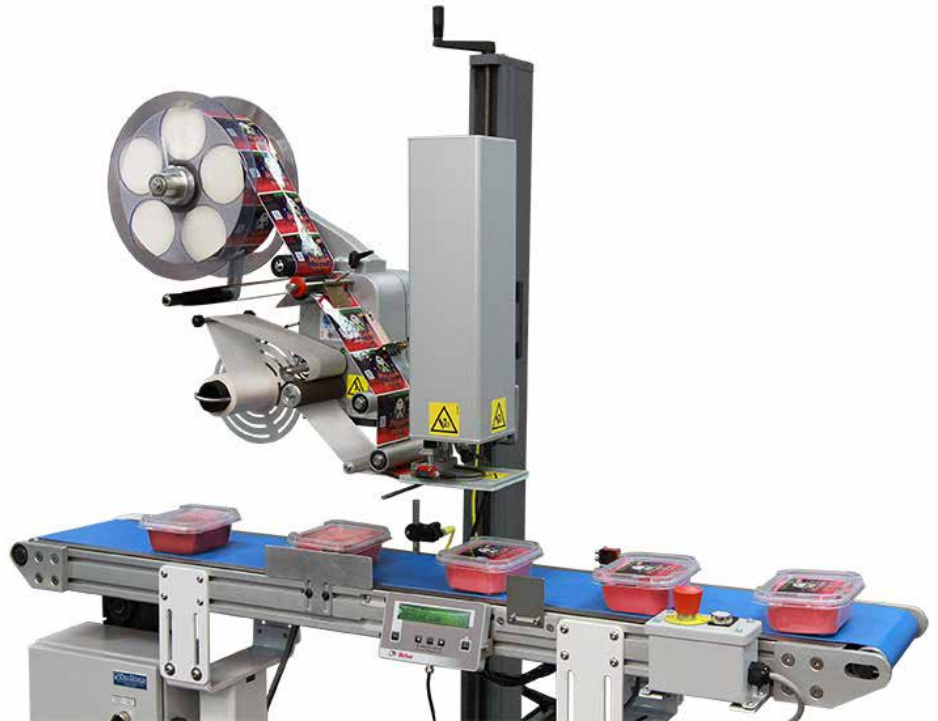


Alpha Compact Tamp-Blow

Label Applicator

Overview



Special Features

- Applies labels up to 4.7" wide x 6.3" long
- Operates at up to 164 feet/minute
- Labels tops, bottoms or sides of packages
- Accurate labeling to within $\pm 0.05"$

Weber's Alpha Compact Tamp-Blow label applicator is a cost-effective solution to fast, reliable non-contact pressure-sensitive labeling. This system features a small footprint, yet employs a highly-accurate tamp-blow method of application to affix p-s labels onto products on your production line.

The Alpha Compact tamp-blow unit automatically unwinds the supply roll and dispenses the labels onto a tamp pad. As the product coming down the conveyor triggers a sensor, the tamp pad holding the label extends to the product.

A proximity sensor on the tamp pad stops the motion a quarter-inch from the product where the label is blow onto the product. This non-contact method of label application is perfect for labeling recessed areas on products such as clamshells and containers with raised edges. This system applies labels up to 4.7" wide and 6.3" long at speeds up to 164 feet per minute to a tolerance of $\pm 0.05"$.

The versatile unit can be oriented to apply labels to the sides, tops or bottoms of packages. To accommodate various production

environments, the Alpha Compact Tamp-Blow can be specified for right- or left-hand applications.

Three Interfaces

Depending upon the complexities and demands of the particular labeling operation, the Alpha Compact is available with three separate interfaces:

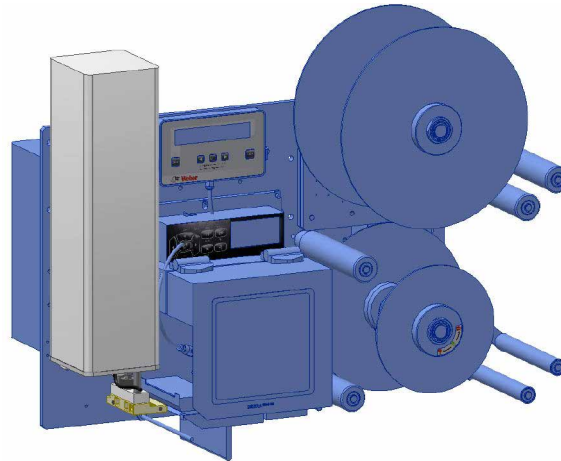
- Panel HMI includes an external operator's panel that provides system control through a pair of potentiometers and four push-buttons.
- Display HMI replaces the operator's panel with an LCD display that provides full access to all adjustment parameters.
- USB utilizes a USB connection that permits the unit to be configured from a PC.

Each version of the Alpha Compact features rugged die-cast aluminum construction, single-key calibration, automatic recognition of missing labels, in-production speed adjustment, and more.

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General Specifications



Dimensions

Approx. 28.15" x 12.2" x 23.22"
(715mm x 310mm x 590mm)

Weight

48.5 lbs. (22kg)

Electrical

115/230 VAC, 47/63Hz

Air Requirements

3 cfm at 90 psi

Product Sensing

Photoelectric

Label Roll Size

Up to 12" O.D. (300mm) wound on 3"
(76mm) core

Label Styling

Die-cut, waste-removed with a minimum of
0.125" (3mm) separation between labels in
running direction

Label Placement

Accurate to ± 0.05 " (1.5mm) when labels
are produced to specifications and product
handling is controlled

Standard Label Sizes

Min width: 1.96" (50mm)
Max width: 4.7" (120mm)
Min length: 1.78" (40mm)
Max length: 6.3" (160mm)

Labeling Speed

Up to 164 fpm (50m) depending on label
roll width and diameter

Options

- Adjustable stand
- Encoder
- Low-label sensor
- Three-color stack light