Alpha Compact
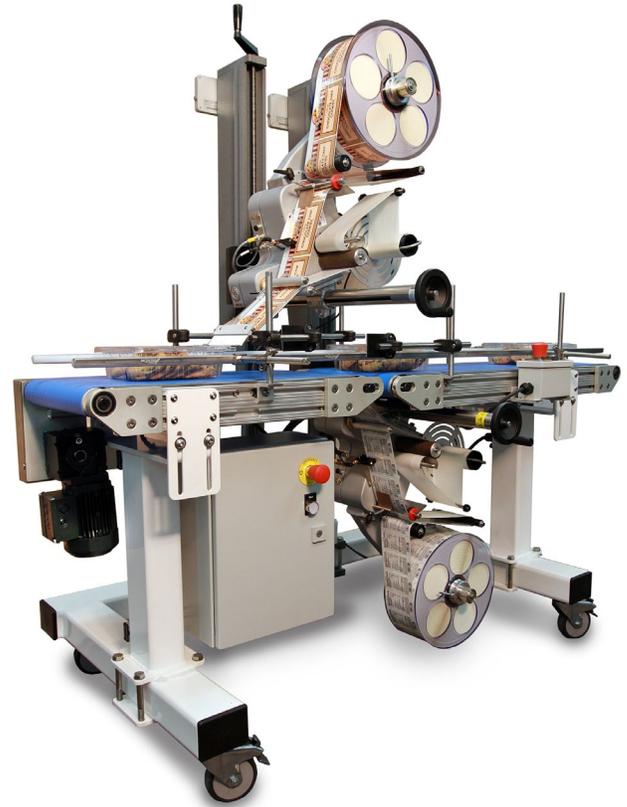
Overview

Special Features

• Applies labels up to 4.7" wide x 11.8" long

• Twin mirrored Alpha Compacts on a split conveyor

• Labels top and bottom of clamshells and packages

• Accurate labeling to within ±0.03"

Weber's Alpha Compact top and bottom labeling system features a small footprint, and uses a split conveyor for a highly accurate method of applying top and bottom labels on various products or containers. This system is perfect for presenting and applying labels to both sides of clamshell packages of bakery goods, produce and other products that need a branding label on top and UPC bar code or nutritional label on the bottom.

The Alpha Compact unit automatically unwinds the supply roll and peels the labels from their liner, then wipes them on to clamshells, cartons or other packages as they travel past the systems on a special split-conveyor line. This system applies labels up to 4.7" wide and 11.8" long to a tolerance of ±0.03".

The system includes two mirrored Alpha Compact label applicators (one above, one below) and a split conveyor system that allows the lower labeler to reach the bottom of the passing product. The labels are presented as the product travels toward the applicators on the conveyor. After receiving a label on the bottom, the container then gets a label applied from above, completing the labeling process in just a few feet.

The two units are mounted on adjustable stands attached to a wheeled base that also supports the split conveyor. With it's small footprint, this system can be connected to an existing production line or run in a free-standing mode to do individual products.

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 pushbuttons.

• Display HMI replaces the operator's panel with an LCD display that provides full access to all adjustment parameters.
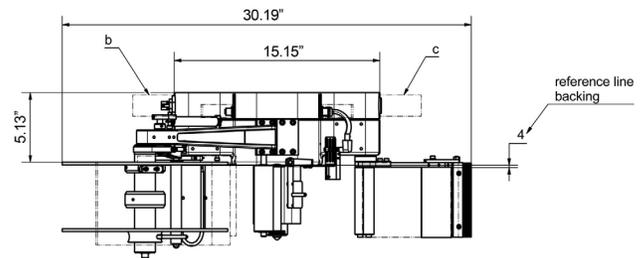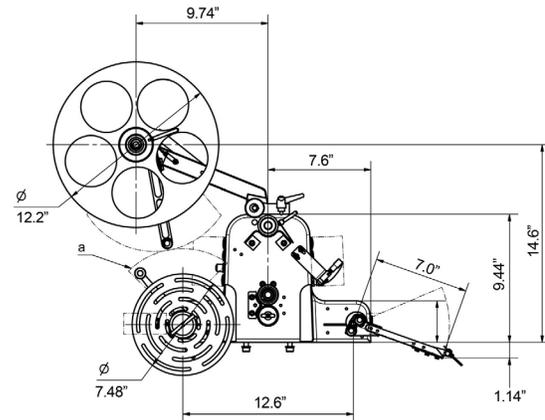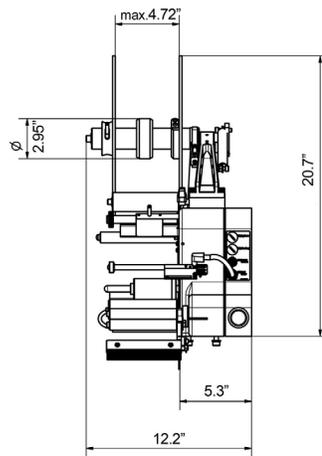
• USB utilizes a USB connection that permits the unit to be configured from a PC.

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.

Weber®
Labels & Labeling Systems

General Specifications

Dimensions
28.15″ x 12.2″ x 23.22″
(715mm x 310mm x 590mm)

Weight
48.5 lbs. (22kg)

Electrical
115/230 VAC, 47/63Hz

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 ±0.03″ (0.8mm) when labels are produced to specifications and product handling is controlled

Standard Label Sizes
Min width: 0.4″ (10mm)
Max width: 4.7″ (120mm)
Min length: 0.78″ (20mm)
Max length: 11.8″ (300mm)

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

Options
• Low-label sensor
• Three-color stack light