

Electric tamp-blow print-apply labeling system.

Modular Design

The Weber Model 4050B-EL electric tamp-blow print-apply system features high-speed operation with high-resolution printing all in a modular package. The modular design offers fast in-field repairs maximizing up-time. To accommodate various production environments, it can be specified in right- or left-hand configurations.

The 4050B-EL uses an electric linear actuator for higher speed and reduced weight. Air is only used as a vacuum to hold and then blow the label onto the product.

The highly accurate stroke provides you a non-contact method of labeling your products quickly and efficiently on your production line.

Versatile Labeling

- The 4050B-EL can be oriented to apply labels to the sides, tops or bottoms of packages.
- The stepper driven stroke can be adjusted for different product labeling needs.
- Numerous I/O's to allow interfacing with many types of external devices.

Touch Interface

- 7" color touch display allows easy access to all parameters.
- Numerous I/O's to allow interfacing with many types of external devices.

Standard Features

- Electric linear actuator for higher speeds and accuracy
- Motorized label unwinder for reduced wear on print engine and smooth feeding of the supply roll
- 7" color touch display for label configurations, diagnostics and maintenance status
- Zebra and Sato print engine compatible; 203, 300 and 600 dpi available
- Various tamp lengths and pad sizes available
- Available with RFID capability
- Variable stroke operation
- Label-on-pad detection
- Heavy-duty 24/7 usage

Model 4050B-EL

General Specifications

Dimensions(EL250 model shown)

31.2" x 23.0" x 26.7"

Weight(EL250 model)

Starting at 146 lbs. (66kg), version dependent
Without labels

Electrical

115/230 VAC, 47/63Hz, 580W

Pneumatic

6 Bar, up to 100 l/min

Product Sensing

Photoelectric

Label Roll Size

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

Stroke

EL250 = 7.5" stroke reach

EL350 = 11.5" stroke reach

EL450 = 15.5" stroke reach

Label Range and Standard Tamp Pad Sizes

Min width: 1.0" by Min length: 1.0"

Max width: 6.25" by Max length: 8.00"

4.72" x 3.54" (120mm x 90mm)

4.72" x 6.29" (120mm x 160mm)

6.29" x 4.84" (160mm x 123mm)

Label Styling

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

Label Placement

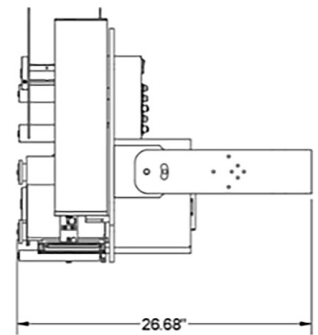
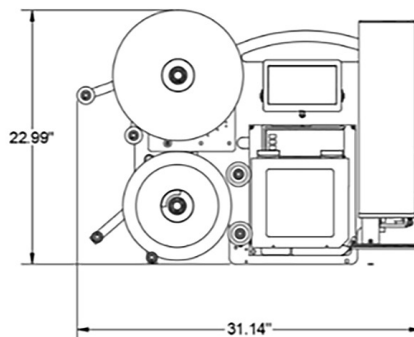
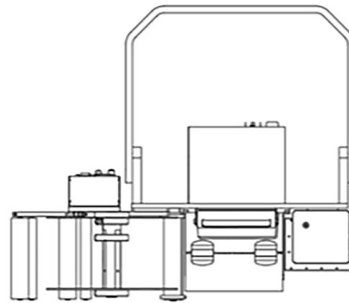
Accurate to $\pm 0.04"$ (1.0mm) when labels are
produced to specifications and product handling is
controlled

Labeling Speed

Up to 70 labels per minute*

Labeling Software Required

Print information needs to be sent to the print
engine before label can be dispensed and applied



Touch Display Interface

The 7" Touch Display for the 4050B-EB
features rugged aluminum construction,
single-key calibration, easy access to
labeling settings, productivity statue and
maintenance alerts.



*Label size and stroke length dependent