



Electric swing-blow print-apply labeling system.

Modular Design

The Weber Model 4050B-ES electric swing-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-ES uses an electric rotary swing arm 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 swing rotation provides you a non-contact method of labeling your products quickly and efficiently on your production line.

Versatile Labeling

- The 4050B-ES can be oriented to apply labels to the front or rear of packages.
- The stepper driven swing can be adjusted for different product labeling needs.
- Numerous I/O's to allow interfacing with many types of external devices.

Touch Display Interface

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

Standard Features

- Electric rotary swing arm 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 swing arm lengths and pad sizes available
- Available with RFID capability
- Label-on-pad detection
- Heavy-duty 24/7 usage

Model 4050B-ES

General Specifications

Dimensions (ES250 model shown)
37.6" x 23.8" x 26.7"

Weight (ES250 model)
Starting at 121 lbs. (54kg), version dependent
Without labels

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

Product Sensing
Photoelectric

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

Stroke
ES250 = 7.0" reach
ES400 = 13.0" reach

Label Range and Standard Tamp Pad Sizes
Min width: 1.0" by Min length: 1.0"
Max width: 6.0" by Max length: 6.0" (Max 24sqin)
4.72" x 3.54" (120mm x 90mm)
4.00" x 6.00" (102mm x 152mm)
6.00" x 4.00" (152mm x 102mm)

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

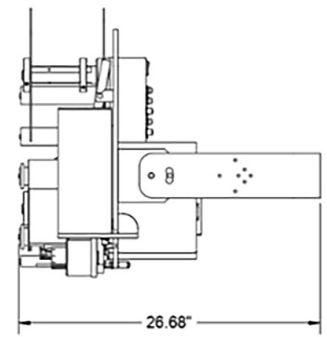
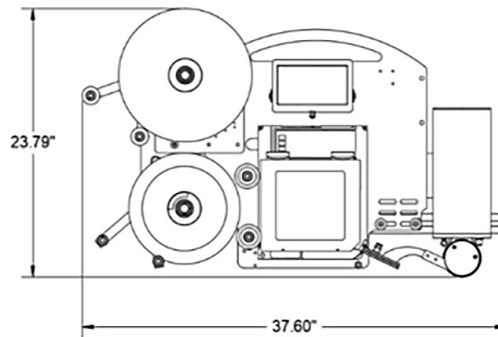
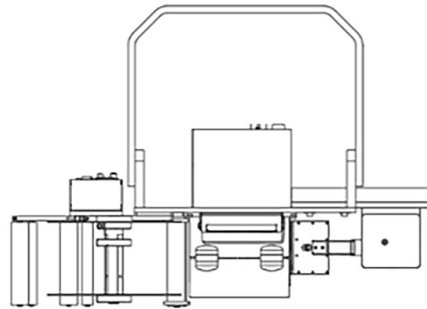
Label Placement
Accurate to $\pm 0.04"$ (1.0mm) when labels are
produced to specifications and product handling is
controlled

Labeling Speed
Up to 60 labels per minute*

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

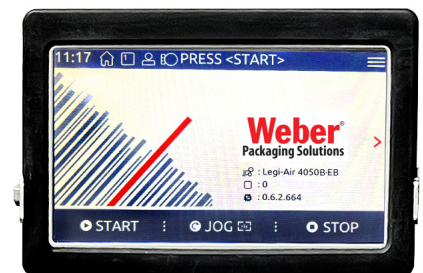
Options

- Adjustable stand
- Three-color stack light
- Sato & Zebra Print Engines (203, 300 & 600dpi)
- RFID Print Engine Upgrade
- I/O Easy Wiring Terminal Connection Box



Touch Display Interface

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*Label size and stroke length dependent

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Packaging Solutions

Weber Packaging Solutions • 711 West Algonquin Rd. • Arlington Heights, IL 60005
www.weberpackaging.com • www.weberserviceparts.com • www.go-label.com
info@weberpackaging.com • 1.800.843.4242