



## Heavy-duty print-apply labeling system.

### Modular Design

The Weber Model 4050 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 affording limited downtime and maximum up-time.

The highly accurate tamp-blow method of label application allows you to provide a non-contact method of labeling your products quickly and efficiently on your production line.

### Controller

- 7" color touch display allows easy access to all parameters.
- Numerous I/O's to allow interfacing with many types of external devices
- One-to-one media consumption. Label unwind and rewind dimensions are matched to the system's ribbon supply to ensure they are consumed at the same rate, reducing downtime and eliminating partial changeovers

### Standard Features

- Modulated vacuum significantly reduces compressed air consumption
- Motorized label unwinder for reduced wear on print engine and smooth feeding of the supply roll
- 7" color touch display for parameter changes, error diagnostics, productivity and maintenance status
- Zebra and Sato print engine compatible; 203, 300 and 600 dpi available
- Thermal transfer or direct thermal printing
- Heavy-duty 24/7 usage
- Capable of handling print speeds up to 18 ips
- Various tamp lengths and pad sizes available
- Available with RFID capability
- Variable stroke operation
- Label-on-pad detection

# Model 4050

## General Specifications

### Dimensions

30.13"L x 27.9"W x 22.98"H  
(76.5cm x 70.9cm x 58.4cm)

### Weight

165 lbs. (75kg)

### Electrical

92 to 263V AC/50-60 Hz, 5 Amp

### Air Requirements

7 cfm at 72 psi

### Product Sensing

Photoelectric

### Communication Interface

Volt-free outputs (relays), optocoupler inputs, M12 connection for photocell and alarm lamp

### Printing Methods

Direct-thermal and thermal-transfer

### Print Resolution

203, 300 or 600 dpi, dependent upon print engine selected

### Label Roll Size

Maximum diameter 13.75" O.D.  
(350mm)

### Labeling Speed

Contingent upon print engine and label size/content

### Label Placement

Accurate to  $\pm 0.03"$  (.76mm) when labels are produced to specifications and product handling is controlled and consistent

### Labels

Die-cut, waste removed with 0.125" (3mm) minimum separation between labels in running direction and 0.125" (3mm) maximum web over label width; direct or thermal-transfer

### Labeling Software Required

Weber Legitronic® software or compatible third party labeling software

### Print Characters & Bar Codes

**Text:** Selection of fonts, including OCR-A & B representation

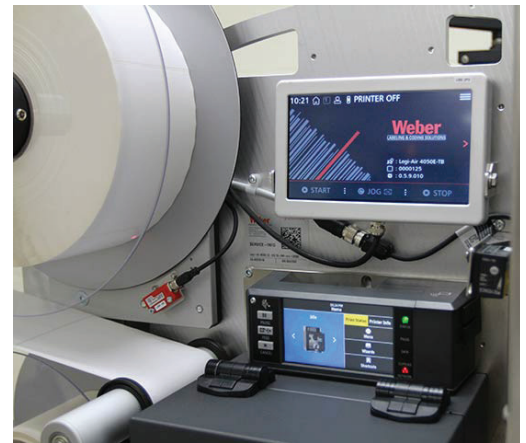
**Bar Codes:** UPC-A/E, EAN-8/13, Code 39, I 2 of 5, Code 128, Codabar, MSI, 2 of 5, Code 93, UPC Bookland, Matrix 2 of 5, Postnet, UCC/EAN 128, PDF-417, Maxicode, Data Matrix  
(Text and bar codes can be rotated 360 degrees; horizontal and vertical character expansion)

### Max Print Width

- Zebra ZE511 203, 300 and 300 dpi: 4.09" (104mm)
- Zebra ZE521 203 and 300 dpi: 6.6" (168mm)
- Sato S84-NX: 4.1" (104 mm)
- Sato 86-NX: 6.6" (167.5 mm)

### Print Speed & Resolution

- Zebra ZE511 203 dpi: Up to 18.0"/second (457mm)
- Zebra ZE511 300 dpi: Up to 14.0"/second (356mm)
- Zebra ZE511 600 dpi: Up to 6.0"/second (152mm)
- Zebra ZE521 203 dpi: Up to 14.0"/second (356mm)
- Zebra ZE521 300 dpi: Up to 12.0"/second (305mm)
- SATO S84-NX Series: Up to 16", 14" or 6"/second (406.4mm, 355.6mm, 152.4mm) @ 203, 300 or 600 dpi
- SATO S86-NX Series: Up to 14" or 12"/second (355.6mm, 304.8mm) @ 203 or 300 dpi



### Label Width Range

- Zebra ZE511 203, 300 and 600 dpi: 0.625" (16mm) to 4.5" (114mm)
- Zebra ZE521 203, 300 and 600 dpi: 3" (76mm) to 7.1" (180mm)
- Sato 84-NX: Max 5.16" (131mm); Min 0.51" (13mm)
- Sato 86-NX: Max 7.09" (180mm); Min 2.13" (54mm)

### Optional Features

- Adjustable Stand
- RFID upgradeable print engine
- Beacon alert lights
- NRTL Ready
- Available stroke lengths: 4", 8", 12", 16", 20" 24"
- Available tamp pad sizes: 4.5" x 6"; 4.5" x 8"; 6" x 4"; 6" x 6". Pads are configurable (punchable) to specific label sizes.