

# LA-6000

# Label Printer-Applicator



## High-speed variable-height print-apply.

### Meeting Distribution Center Requirements

Weber's new LA-6000 high-speed variable-height print-apply system will label passing cartons of varying heights quickly, accurately and efficiently.

The servo motor driven actuator will ensure label application at up to 2250 cycles per hour depending on label size. Carbon fiber components reduce the weight of moving parts for higher labeling speeds.

And with the LA-6000's modular design and large 13.8" O.D. label rolls, you can print and apply labels with a minimum of downtime.

### Reliable accuracy

Using the tamp-blow method, the LA-6000 can print and apply up to 40 labels per minute (dispensing output depends on label size, text change and dispensing stroke) to products that vary in height up to 19.68" (500mm). And label placement accuracy is  $\pm 0.03"$  (1mm).

- Interchangeable dispensing heads allow the use of different label sizes.
- Print engines by leading manufacturers such as Zebra and SATO allows an optimal match to the application and its specific printing requirements. (Thermal-transfer or direct-thermal.)
- Peak performances is achieved using a servo motor driven dispensing applicator and carbon fiber construction.

### Special Features

- RFID labeling
- Bad tag discard
- 3-color alarm lamp
- Dust and water spray protected enclosure for use in particularly harsh environmental conditions (also with heating)
- Bluhmware for system control and interlinking
- Legitronic® label printing software
- Label presence check, scanner (1-D/2-D)
- Vision systems, sensors, RFID gates, product sensors, product height recognition, variable dispensing stroke sensing, tripod in different versions (stationary and spindle-adjustable)
- Dispensing applications (servo motor) top pallet labelling using extra long dispensing stroke, linear applicator with up to 47.2" (1,200mm) dispensing stroke, 90° and 180° swivel applicator, and short stroke high-speed linear applicators

### Dimensions

29.92" L x 27.25" W x 28.25" H  
(75.9cm x 69.2cm x 71.8cm)

### Weight

220 lbs. (100kg)

### Electrical

92 to 263 VAC, 50/60 hz, 5 amp

### Air Requirements

3 cfm at 90 psi; compressed air must be clean, dry and oil-free (DiN isO 8573-1)

### Product Sensing

Reflex sensor, light barrier, inductive or capacitive sensor, micro switch, floating contacts (PLC)

### Communication Interface

RS-232-C; Centronics compatible

### Product Sensing

Photoelectric

### Label Gap

Minimum 1/8" (3mm)

### 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)

### Dispensing Output

Up to 40 labels per minute; dispensing output depends on label size, text change and dispensing stroke

### Label Placement

Position accuracy of the dispensed labels: Standard: up to  $\pm 0.03$ " (1mm) with controlled product handling. Optional:  $\pm .015$  (0.5mm)

### 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 ZE500-4 203 and 300 dpi: 4.1" (104mm)
- Zebra ZE500-6 203 dpi: 4.1" (104mm)
- Zebra ZE500-6 300 dpi: 6.6" (168mm)
- Sato 8460SE: 6.0" (152.4mm)
- Sato 8485SE: 5.0" (127mm)
- Sato 8490SE: 4.4" (112mm)
- Sato S84 Series: 4.09" (104mm)

### Print Speed & Resolution

- Zebra ZE500-4 203 and 300 dpi: Up to 12.0"/second (305mm)
- Zebra ZE500-6 203 dpi: Up to 12.0"/second (305mm)
- Zebra ZE500-6 300 dpi: Up to 10.0"/second (254mm)
- SATO 8460SE: Up to 8.0"/second (203mm) @ 203 dpi
- SATO 8485SE: Up to 12.0"/second (305mm) @ 203 dpi
- SATO 8490SE: Up to 8.0"/second (203mm) @ 300 dpi
- SATO S84 Series: Up to 16", 14" or 6"/second (406mm, 355.5mm, 152.4mm) @ 203, 300 or 600 dpi

### Label Width Range

- Zebra ZE500-4 203 and 300 dpi: 0.625" (16mm) to 4.5" (114mm)
- Zebra ZE500-6 203 dpi: 0.625" (16mm) to 4.5" (114mm)
- Zebra ZE500-6 300 dpi: 0.625" (16mm) to 7.1" (180mm)
- Sato 8460S: Max 6.5" (165.1mm); Min 1.0" (25.4mm)
- Sato 8485SE: Max 5.25" (133.3mm); Min 1.0" (25.4mm)
- Sato 8490SE: Max 5.25" (133.3mm); Min 1.0" (25.4mm)
- Sato S84 Series: Max 5.1" (129.5mm); Min 0.5" (12.7mm)

### Optional Features

- RFID labeling
- Bad tag discard
- 3-color alarm lamp
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- Bluhmware for system control and interlinking
- Legitronic® label printing software
- Label presence check, scanner (1-D/2-D)
- Vision systems, sensors, RFID gates, product sensors, product height recognition, variable dispensing stroke sensing, tripod in different versions (stationary and spindle-adjustable)
- Dispensing applications (servo motor) top pallet labelling using extra long dispensing stroke, linear applicator with up to 47.2" (1,200mm) dispensing stroke, 90° and 180° swivel applicator, and short stroke high-speed linear applicators