

# Model 4300 Swing-Tamp

# Label Printer-Applicator



## Leading/trailing panel print-apply labeling.

### Hard-to-reach Labeling

Weber's economical Model 4300 Pro-ApPLY swing-tamp printer-applicator features the functionality often limited to higher-duty production systems used to label the leading or trailing side of a product.

By using a swing arm to grab the just-printed label from the print engine, the 4300 Swing-Tamp can apply the label to a passing carton either on the front or back. The quick-action arm can swing into position and back fast enough to allow fairly close spacing.

### Full Range of Features

The Model 4300 Pro-ApPLY system is designed and engineered by Weber, and is assembled in our own U.S. manufacturing facility. Each unit is equipped with an on-demand, thermal/thermal-transfer print engine from Datamax, SATO or Zebra to produce 203-, 300- or 600-dpi text, bar codes and graphic images at speeds up to 16 ips.

Labels up to 6" wide and 6" long are printed in a cost-efficient, next-out mode, and then are instantly applied to cartons or products on the production or packaging line. Standard features include durable anodized aluminum construction, an integrated user interface with LCD display, numerous inputs/outputs to facilitate the use of a product sensor or other optional accessories, and stepper motor-driven rewind.

### Special Features

- Thermal transfer or direct thermal printing
- Applies labels up to 6" wide x 6" long
- Capable of handling print speeds up to 12 ips
- Numerous I/O's ease interfacing with external devices
- Various tamp lengths and pad sizes available
- Accurate labeling to within  $\pm 0.03$ "



# Model 4300 Swing-Tamp

## General Specifications

### Dimensions

29.92" L x 27.25" W x 22.45" H  
(75.9cm x 69.2cm x 57cm)

### Weight

110 lbs. (49.9kg)

### Electrical

115 VAC, 60 cycle, 5 amps; overload protection built in 220 VAC, 50 cycle optional

### Air Requirements

3 cfm at 90 psi

### Product Sensing

Photoelectric

### Communication Interface

High-speed serial interfaces: RS-232C and RS-422 with DB9F connector; RS-485 multi-drop capability; Zebra Net 10/100 print server

### Processor

Rabbit 3000 Microprocessor

### Printing Methods

Direct-thermal and thermal-transfer

### Print Resolution

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

### Label Roll Size

Maximum diameter 12.0" O.D. (304mm)

### 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

Weber Legitronic® 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)
- Datamax A-4212: 4.094" (104mm)
- Datamax A-4310: 4.161" (105.7mm)
- Datamax A-4606: 4.157" (105.6mm)
- Datamax A-6212: 6.614" (168mm)
- Datamax A-6310: 6.401" (162.6mm)

### 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
- Datamax A-4212: Up to 12.0"/second (305mm) @ 203 dpi
- Datamax A-4310: Up to 10.0"/second

(254mm) @ 300 dpi

- Datamax A-4606: Up to 6.0"/second (152mm) @ 600 dpi
- Datamax A-6212: Up to 12.0"/second (305mm) @ 203 dpi
- Datamax A-6310: Up to 10.0"/second (254mm) @ 300 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)
- Datamax A-4212: Max 4.65" (118mm); Min 1.0" (25mm)
- Datamax A-4310: Max 4.65" (118mm); Min 1.0" (25mm)
- Datamax A-4606: Max 4.65" (118mm); Min 1.0" (25mm)
- Datamax A-6212: Max 6.7" (170mm); Min 2.0" (50mm)
- Datamax A-6310: Max 6.7" (170mm); Min 2.0" (50mm)

### Optional Features

- Adjustable Stand
- Variable stroke sensor
- Label-on-pad sensor
- Low-label sensor
- Vacuum shut-off
- Low-pressure detection
- Strobe light