

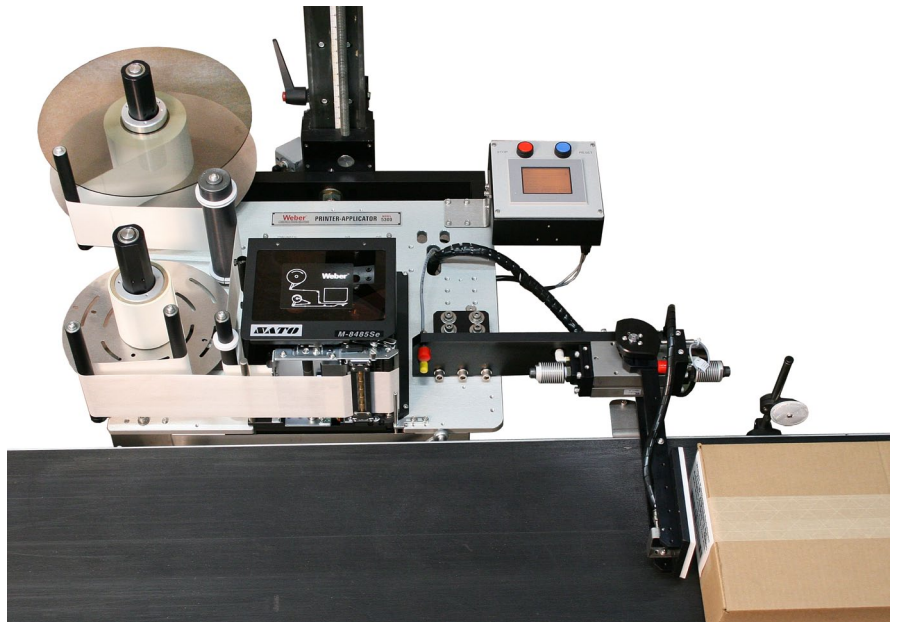
Model

5300

Swing-Tamp

Overview

Label Printer-Applicator



Special Features

- Label the leading or trailing edge of a product
- Capable of handling print speeds up to 16 ips
- Monitor operation via a web browser
- One-to-one media consumption reduces downtime
- Numerous I/O's ease interfacing with external devices

Weber's Model 5300 swing-tamp system is redefining the meaning of versatility in the printing and application of pressure-sensitive label to the leading or trailing side of a product. This is the best way to add a label to your product front or back while moving along your production line.

In addition to offering a broad selection of high-quality print engines that feature various print resolutions and label dispensing rates, this Model 5300 system is available with optional RFID print-encode engines.

Standard direct- and thermal-transfer print engines from manufacturers Zebra, SATO and Datamax produce text, bar codes and graphic images at 203, 300 or 600 dpi. The Zebra-based RFID models combine these printing capabilities with the encoding and verification of RFID inlays to meet EPC Gen 2 protocols.

Special Features & Options

This Model 5300 system includes a number of noteworthy features that add to the operational versatility of this printer-applicator:

- **Swing tamp application.** This method of label placement is used to apply a label to the front or back of a product as it travels on a conveyor line. A printed label is fed onto a pad and held by vacuum; the unit's 90-degree swing arm then extends to apply the label.

- **Browser-based monitoring.** The status of all operational functions and configurations can be monitored by logging on to a web page that is unique to each Model 5300 unit.
- **Numerous I/O's.** The system can be interfaced with many types of external devices.
- **One-to-one media consumption.** Special 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.
- **Print job storage.** Multiple label printing formats can be stored in the system's memory, making it easier for an operator to select a job directly from the applicator instead of downloading a computer file.

The Model 5300 system boasts numerous additional features as well, including a microprocessor controller with downloadable firmware capability, various inputs/outputs, plus durable construction that will withstand harsh industrial environments.

There also are several optional enhancements that can increase the system's functionality. A product height sensor, for example, enables the printer-applicator to label items of varying heights delivered by the same conveyor. Other options include a 15-foot umbilical connection that enables the remote location of the unit's controller; an adjustable stand for optimum system orientation; label-on-pad sensor for added functionality; plus beacon light alerts to signal the status of label and ribbon supplies.

Model 5300

Swing-Tamp

General Specifications

Label Printer-Applicator

Dimensions

29.9"L x 27.25"W x 28.25"H
(75.9cm x 69.2cm x 71.28cm)

Weight

174 lbs. (78.8kg)

Electrical

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

Environmental

41-104°F (5-40°C); humidity 15-85% RH non-condensing

Communication Interface

RS-232-C; Centronics compatible

Air Requirements

3 cfm at 90 psi

Product Sensing

Photoelectric

Processor

Rabbit 3000 Microprocessor

Printing Methods

Direct-thermal and thermal-transfer

Print Resolution

203, 300 or 600 dpi, depending on print engine selected

Print Width

- Zebra ZE500-4: 4.1" (104mm)
- Zebra ZE500-6: 6.6" (167.6mm)
- 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: Up to 12.0" per second (305mm) @ 203 dpi and 300 dpi
- Zebra ZE500-6: Up to 12.0" per second (305mm) @ 203 dpi
- Zebra ZE500-6: Up to 10.0" per second (305mm) @ 300 dpi
- SATO 8460SE: Up to 8.0" per second (203mm) @ 203 dpi
- SATO 8485SE: Up to 12.0" per second (305mm) @ 203 dpi
- SATO 8490SE: Up to 8.0" per second (203mm) @ 300 dpi
- SATO S84 Series: Up to 16", 14" or 6" per second (406mm, 355.5mm, 152.4mm) @ 203, 300 or 600 dpi
- Datamax A-4212: Up to 12.0" (305mm) per second @ 203 dpi
- Datamax A-4310: Up to 10.0" (254mm) per second @ 300 dpi
- Datamax A-4606: Up to 6.0" (152mm) per second @ 600 dpi
- Datamax A-6212: Up to 12.0" (305mm) per second @ 203 dpi
- Datamax A-6310: Up to 10.0" (254mm) per second @ 300 dpi

Label Width Range

- Zebra ZE500-4: Max 4.5" (114mm); Min 0.625" (16mm)
- Zebra ZE500-6: Max 7.1" (180.34mm); Min 3.0" (76.2mm)
- 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)

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

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)

Optional Features

- Adjustable Stand
- Quick-change tamp pad
- RFID upgradeable print engine
- Label-on-pad sensor
- Product-presence sensor
- Beacon alert lights