# Model 5300 Split-Tamp

## Label Printer–Applicator

*Overview*

## Special Features

- Two-piece tamp pad applies labels around the corner of a package

- Monitor operation via a web browser

- One-to-one media consumption reduces downtime

- Numerous I/O's ease interfacing with external devices

- Available with RFID capability

**Weber's Model 5300 Split-Tamp system makes it easy to print and apply labels around a corner for products like medical device packaging.**

When you need to wrap a variable data label around the corner of a package for use as a closure, the Model 5300 Split-Tamp can handle the job.

Weber's specially designed tamp pad has two separate surfaces that hold the label after it's printed. The entire tamp pad moves toward the package, blowing the label onto the surface with a small edge of the label hanging over the side. The split part of the tamp pad then continues on past the side of the package, securing the label around the corner.

This creates a readable label on two sides of the package as well as securing the opening of the product with a tamper-evident seal.

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.

The Model 5300 Split-Tamp system's print engines output labels up to seven inches wide and up to twelve inches long with the standard configuration (longer label lengths available). To keep pace with high-volume, high-speed production lines, compatible print speeds vary from two to 16 ips.

## Special Features & Options

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

- **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 Split-Tamp 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 Split-Tamp system boasts numerous additional features as well, including a microprocessor controller with down-loadable firmware capability, plus durable construction that will withstand harsh industrial environments.
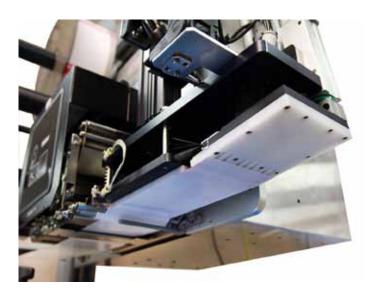
There also are several optional enhancements that can increase the system's functionality. A product height sensor, for example, enables the printer-applicator to label items of varying heights delivered by the same conveyor. Other options include a 15-foot umbilical connection that enables the remote 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.

# Weber®
## Labels & Labeling Systems

# Model 5300 Split-Tamp

## Label Printer–Applicator

*General Specifications*



**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, Ethernet

**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 ±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
• RFID upgradeable print engine
• Label-on-pad sensor
• Product-presence sensor
• Beacon alert lights

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