

Model 4300 Tamp-Blow

Label Printer-Applicator



Economical print-apply labeling.

Efficient, Reliable Labeling

Weber's economical Model 4300 label printer-applicators feature the functionality often limited to higher-duty production systems.

The result is a versatile in-line system combining high-quality label printing and application that ensures fast, accurate pressure-sensitive labeling.

The Model 4300 system is designed and engineered by Weber, and are assembled in our own U.S. manufacturing facility. Each unit is equipped with an on-demand, thermal/thermaltransfer 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.

Full Range of Features

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
- Zero down-time capability built in
- Standard quick-change tamp pad
- Various tamp lengths and pad sizes available
- Accurate labeling to within $\pm 0.03"$



Model 4300 Tamp-Blow *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 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
- Variable stroke sensor
- Label-on-pad sensor
- Low-label sensor
- Vacuum shut-off
- Low-pressure detection
- Strobe light