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 ±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 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 Required
Weber Legitronic® software or compatible third party labeling software

Print Characters & Bar Codes
Text: Selection of fonts, including OCR-A & B representation

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