Print-apply pallet load labeling system.

Versatile Design

Weber pallet load label printer-applicators are the easy way to combine high print quality with simultaneous single pallet label application for the identification of unitized products prior to shipping or storage.

The 5300 Tamp-Blow Pallet label applicator can be ordered with a range of applicator lengths so you can customize the reach of the labeling system to fit into your palletizing system.

Specially engineered for the labeling of pallet loads, each system integrates a thermal/thermal-transfer label printer and a patented tamp-blow applicator. The print-apply unit is mounted to a heavy-duty stand which is adjustable to accommodate loads of various heights. You can add this labeler to the end of your palletizer system's conveyor.

Model 5300 Controller

• 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.

• 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.

Special Features

• Choose from a wide range of 203-, 300- and 600-dpi print engines from Zebra or Sato

• Thermal transfer or direct thermal printing

• Heavy-duty 24/7 usage

• Capable of handling print speeds up to 16 ips

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

• Monitor operation via a web browser

• Various tamp lengths and pad sizes available

• Available with RFID capability

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Dimensions
29.92"L x 27.25"W x 28.25"H
(75.9cm x 69.2cm x 71.8cm)

Weight
174 lbs. (78.8kg)

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
RS-232-C; Centronics compatible

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

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)

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
• Quick-change tamp pad
• RFID upgradeable print engine
• Label-on-pad sensor
• Variable-height sensor
• Beacon alert lights

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