

# Model 5300 Dual-Label

## Pallet Label Printer-Applicator



Weber's Model 5300 Dual-Label pallet printer-applicator marries a high-performance thermal/thermal-transfer label printer with a specially-engineered articulating swing-tamp applicator to perform the printing and two-label, adjacent-side labeling of pallets in line.

Designed and manufactured by Weber, the Dual-Label system features a selection of print engines, which includes 203-, 300- and 600-dpi units from manufacturers like Zebra Technologies, Sato and Datamax. Print engines are available to handle label sizes ranging from 4.0" wide and up to 8.0" long.

All systems print labels with variable-sized text, bar codes and/or graphic images. Various print speeds programmable at up to 16 ips.

As a label is printed, it is automatically peeled from its liner and retained by vacuum on a non-contact, tamp-blow applicator pad. The articulating tamp pad is mounted on a pneumatically-operated swing arm that reaches across the leading side of a pallet as it approaches the Dual-Label unit via conveyor. When the pallet is in position, a sensor mounted on the swing arm detects the pallet and the label is gently blown onto the lead panel of the pallet.

The swing-arm then retracts to collect a second printed label, which is followed by

an articulated stroke that blows the label onto the adjacent side of the pallet to complete the cycle. Depending on a combination of label print engine, pallet size, conveyor speed and the proximity of the Dual-Label system to the pallet, up to five pallets per minute can be labeled.

Ruggedly constructed for use in a wide variety of industrial environments, the Dual-Label printer-applicator can handle harsh conditions and long, continuous duty cycles.

To facilitate routine maintenance, the system is programmed with built-in machine cycle diagnostics for self-testing of normal operating cycles, plus input diagnostics that permit testing on specific functions.

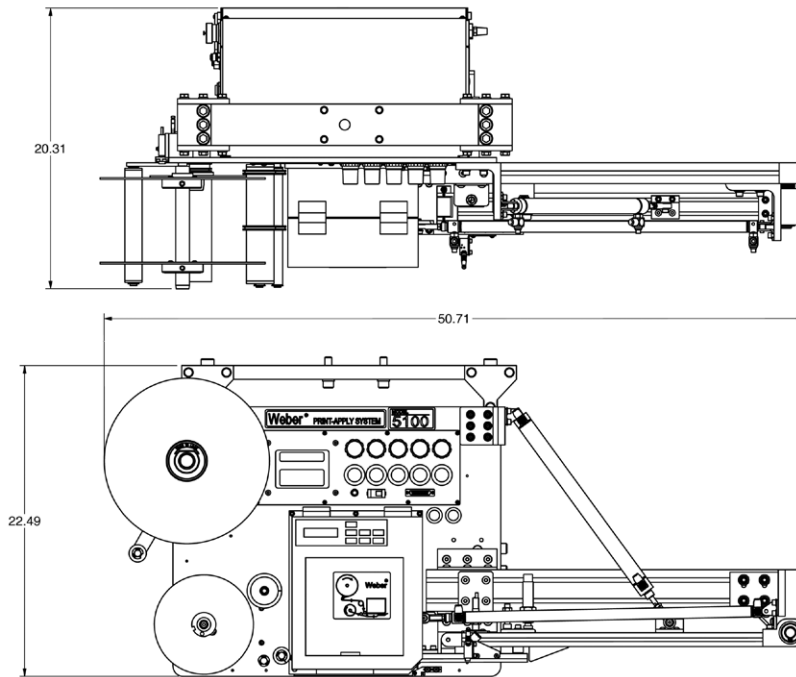
The Dual-Label system operates with Weber's Legitronic® labeling software, which simplifies label formatting, editing and printing. Weber also manufactures and provides a wide variety of pressure-sensitive labels and compatible thermal-transfer ribbons to meet virtually any labeling requirement.

### Special Features

- ◆ Monitor system operation via a web browser
- ◆ Numerous I/O's ease interfacing with external devices
- ◆ One-to-one media consumption reduces changeovers
- ◆ System memory stores multiple print jobs
- ◆ Microprocessor controller with optional remote umbilical

# Model 5300 Dual-Label

## Pallet Printer - Applicator Specifications



### Dimensions

50.71" L x 27.25" W x 28.25" H  
(128.8cm x 69.2cm x 71.3cm)

### Weight

200 lbs. (90.7kgs.)

### 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

### Air Requirements

5 cfm @ 90 psi

### Product Sensing

Photoelectric

### Printing Methods

Direct thermal or thermal-transfer

### Print Resolution\*

203 dpi, 300 dpi or 600 dpi

### Label Size\*

Minimum\*: 4.0"W x 4.0"L  
(101.4mm x 101.4mm)  
Maximum\*: 4.0"W x 8.0"L  
(101.4mm x 203.2mm)

### Print Area\*

Up to 4.0"W x 8.0"L  
(101.4mm x 203.2mm)

### Print Speed\*

Up to 16.0" (406.4mm) per second at 203 dpi  
Up to 8.0" (203mm) per second at 300 dpi

### Communications Interface

RS-232C; Centronics compatible

### Print Characters and Bar Codes

Text: Eight 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 and others. Text and bar  
codes can be rotated in 90-degree increments

### Label Roll Size

Standard 13.75" (349.3mm) diameter

### Labeling Speed

Contingent upon print engine, pallet size,  
conveyor speed and system proximity

### Label Placement

Accurate to  $\pm 0.125"$  (3mm) when labels  
are produced to specifications and product  
handling is controlled. Accurate, repeat-  
able label placement is dependent upon  
consistent product handling, which includes  
conveyor speed, product orientation, and  
maintaining a consistent distance between  
the applicator and the product.

### Labels

Die-cut, waste removed with 0.125" (3mm)  
minimum separation between labels in run-  
ning direction and 0.125" (3mm) maximum  
web over label width; direct or thermal-  
transfer

### Labeling Software

Weber Legitronic® Software

### Options

- Choice of Zebra Technologies, Sato and  
Datamax print engines
- Heavy-duty, adjustable stand

\* Dependent on printer selected

## Weber Packaging Solutions, Inc.

### World Headquarters

Weber Packaging Solutions, Inc.  
711 W. Algonquin Road  
Arlington Heights, IL 60005-4457  
Phone: 847.364.8500  
Fax: 847.364.8575  
info@weberpackaging.com  
www.weberpackaging.com

### Canada

Weber Marking Systems of Canada  
6180 Danville Road  
Mississauga, Ontario L5T 2H7  
Phone: 905.564.6881  
Fax: 905.564.6886  
info@webermarking.ca  
www.webermarking.ca

### United Kingdom

Weber Marking Systems UK  
Macmerry Industrial Estate  
Tranent, East Lothian EH33 1HD  
Scotland  
Phone: +44.187561.1111  
Fax: +44.187561.3310  
sales@weber.co.uk  
www.weber.co.uk

### Germany

Weber Marking Systems GmbH  
Maarweg 33  
D-53619 Rheinbreitbach  
Germany  
Phone: +49.2224.77080  
Fax: +49.2224.770820  
info@webermarking.de  
www.webermarking.de  
www.bluhmsysteme.com

### Thailand

Weber Marking Systems (Thailand), Ltd.  
39/73 Samutsakom Industrial Estate  
Moo 2, Rama 2 Road,  
Bang Ka-Jao, Muang,  
Samutsakom 74000, Thailand  
Phone: +66.34.490639  
Fax: +66.34.490.638  
E-mail: sales@weber.co.th

### Belgium

Weber Marking Systems SA  
Interleuvenlaan Nr. 23, Bus 2  
3001 Leuven-Heverlee, Belgium  
Phone: +32.16.38.79.50  
Fax: +32.16.38.79.59  
E-Mail: info@webermarking.be

### Denmark

Bluhm Danmark A/S  
Nordkrogen 7  
DK-7300 Jelling, Denmark  
Phone: +45.75.87.26.00  
Fax: +45.75.87.26.10  
salesdk@bluhmsysteme.com  
www.bluhmsysteme.dk

### France

Weber France S.A.  
ZI de Montaudran  
15, impasse Didier Daurat-BP 44419  
31 405 Toulouse Cedex 4- France  
Phone: +33.562.47.2737  
Fax: +33.562.47.1626  
weber@webermarking.fr  
www.webermarking.fr

### Austria

Bluhm Systeme GmbH  
Rüstorf 82  
A-4690 Schwanenstadt, Austria  
Phone: +43.7673.4972.15  
Fax: +43.7673.4974  
gresch@bluhmsysteme.com

### Ireland

Weber Labelling & Coding Ltd.  
Kilcannon Industrial Estate,  
Old Dublin Road,  
Enniscorthy, County Wexford, Ireland  
Phone: ++353.539.233778  
Fax: ++353.539.233284  
sales@weberireland.com