# Labeling Systems & Solutions

## For Label Application, Printing and RFID Encoding

Weber®
Model 4300
*Pro-Apply*

170PAX4

Label Printer-Applicators

Label Applicators

Label Printers

Labeling Software

Custom Labeling Systems

**Weber**®
Labels & Labeling Systems

# Label Printer-Applicators

*We've put all our labeling experience into the design and engineering of several exclusive printer-applicator systems that combine high-quality label printing with fast, accurate application.*

## The Best in Print-Apply
### The Model 5300 Series

Weber's Model 5300 label printer-applicators are redefining the meaning of versatility in pressure-sensitive label printing and application.
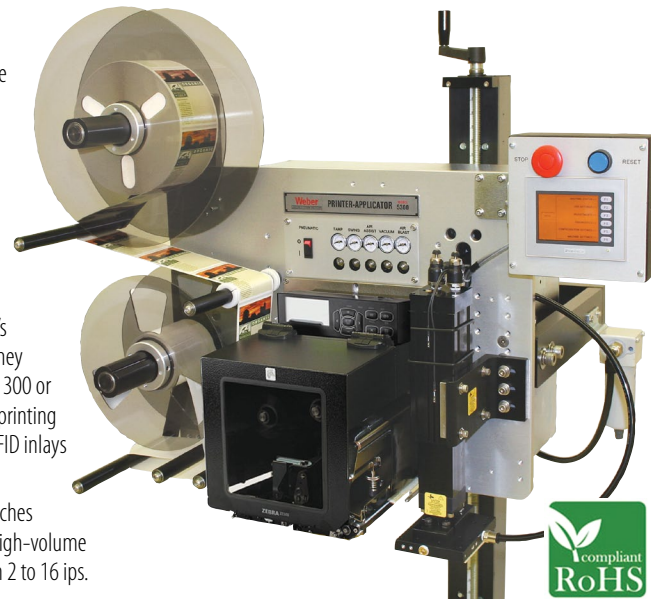
The Model 5300 systems provide high-quality label printing, precise label application, unprecedented modularity and 24/7 reliability — all at an affordable price.

Manufactured exclusively by Weber, the Model 5300 systems offer print engines from the industry's top vendors, including Zebra, SATO and Datamax. They produce text, bar codes and graphic images at 203, 300 or 600 dpi. And optional RFID models combine these printing capabilities with the encoding and verification of RFID inlays to meet the latest EPC protocols.

Print engines output labels from one to seven inches wide and up to 12 inches long. To keep pace with high-volume production lines, compatible print speeds vary from 2 to 16 ips.

The system's modular design provides one standard unit, yet a choice of six distinct methods of label application: tamp-blow, air-blow, direct tamp, swing-tamp, twin-tamp and corner-wrap. All apply labels to a tolerance of ±0.03 inches.

The Model 5300 series includes a number of noteworthy features that add to its versatility, including browser-based monitoring, numerous inputs/outputs, and the capacity to handle supply rolls up to 2,000 feet long to ensure reduced downtime and eliminate partial changeovers.

Various options include a remote operator interface that can be mounted up to 15 feet from the unit using a cable; label and product sensors for added functionality; and beacon light alerts to signal the status of labels and printer ribbons.

RoHS compliant

## Economy & Versatility
### The Model 4300 Pro-Apply

Weber's economical Model 4300 Pro-Apply printer-applicator features the functionality often limited to higher-duty production systems. The result is a versatile in-line system that combines high-quality label printing and reliable tamp-blow or swing-tamp application that ensures fast, accurate pressure-sensitive labeling.

Each unit is equipped with an on-demand, thermal/thermal-transfer print engine to provide 203-, 300- or 600-dpi text, bar codes and graphic images at speeds up to 16 ips.

Labels up to six inches wide and six inches 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.

## One Carton, Two Labels, One Machine
### The Model 5300 Twin-Tamp

The Model 5300 Twin-Tamp systems are specifically engineered to print a pair of labels and apply them to adjacent panels of cartons in a single operation.

Our Twin-Tamp systems also are available with a choice of print engines to provide 203-, 300- or 600-dpi label imprinting. Handling a range of label sizes up to six inches wide and six inches long, each system prints information at speeds programmable up to 16 ips. Label placement is accurate to ±0.03 inches.

When the initial label is printed and peeled from its liner, it is fed onto a tamp pad and retained by a vacuum. The tamp pad is mounted to a 90-degree swing arm that reaches across a conveyor to blow the label on to the front panel of a moving carton. Upon the arm's return, a second label is printed and a separate straight-line stroke applies that label to the side of the carton.

The systems also can be configured to label side and rear panels, or single panels.

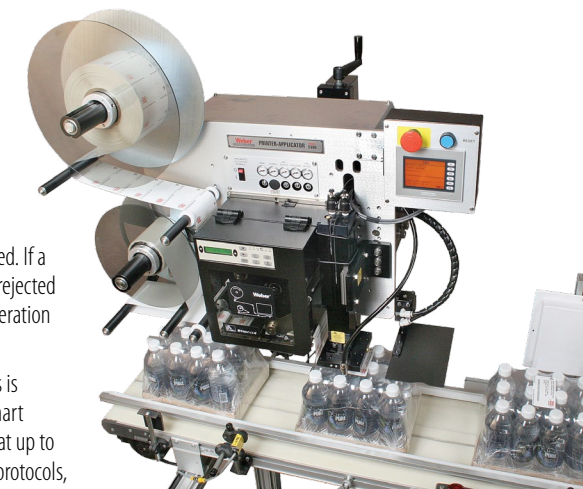## Print, Encode & Apply RFID Smart Labels
### The Model 5300rfid Series

This unique system provides every advantage of simultaneous label printing and application, then adds RFID SmartTrak label encoding and verification.

The Model 5300rfid identifies and isolates non-writeable smart labels before they are applied. If a SmartTrak label cannot be validated, the label is rejected and retrieved before it is applied. Print engine operation and media handling are not altered.

A selection of 203- and 300-dpi print engines is available to print, encode, verify and dispense smart labels up to five inches wide and six inches long at up to 12 ips. The print engines support a range of EPC protocols, including Gen 2.

Based on our dependable Model 5300, it's the most versatile system of its kind.

### The Weber T-base Stands

Our heavy-duty T-base stands are ideal for Weber's entire line of label applicators and printer-applicators. Constructed of rugged tubular steel and fitted with over-sized casters, the adjustable stands make it easy to position and move the applicator.

## Application Specific Systems

Weber's wide range of standard label printer-applicators is suitable for most carton and product labeling applications. However, we also provide special systems:

- Corner-wrap units for two-panel labeling
- Pallet load systems
- Extended or variable-height tamp units
- Higher-speed systems, and more

We also offer a selection of labeling accessories to make any labeling operation more efficient. For example, our shuttle feeder/vacuum transport (above) handles a wide variety of materials at up to 600 fpm. It's ideal for use with Weber label applicators and printer-applicators.

It's Weber's aim to make labeling easier and more efficient.

Weber® Labels & Labeling Systems

# Label Applicators

*We've applied pressure-sensitive labels to every type of commercial and consumer package and product, for industries from food to pharmaceutical, medical devices to personal care, chemical to horticultural, and everything in-between. In short, we have a solution for any labeling challenge.*
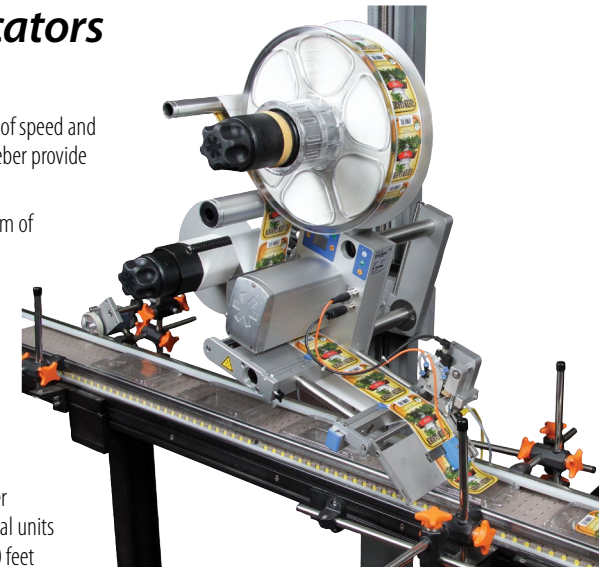
## Modular Label Applicators

### HERMA H400 Series

For labeling applications that require a combination of speed and accuracy, HERMA H400 Series label applicators from Weber provide versatile solutions.

The system can apply labels to the side, top or bottom of products, and is available in both right- and left-hand configurations. Because the H400 Series also has the flexibility to incorporate many modules — rigid or pivoting peel bars, direct tamp, tamp-blow or air-blow — the unit can be integrated with practically any existing production line, or built into a custom product handling system.

The standard H400 Series applies pressure-sensitive labels up to 6.3 inches wide at speeds up to 130 feet per minute, with ±0.01 inches placement accuracy; optional units handle labels up to 12.6 inches wide and speeds up to 430 feet per minute.

The key to its versatility is HERMA's basic servo drive unit, which is standard throughout the H400 Series. This dependable motor powers the entire range of modules Weber offers. That means any applicator already installed easily can be reconfigured for future applications.

The system also includes a multi-functional on-board controller and display; no external controller is required.

## Modular Label Applicators

### HERMA Tamp-Blow

Weber HERMA H400 tamp-blow system provides speed and precision in a non-contact label applicator.

This pressure-sensitive label applicator is a Weber exclusive. We've adapted the proven tamp-blow module from our Model 4300 label printer-applicator and integrated it with the robust HERMA H400 label applicator.

The result is a proprietary, Weber HERMA H400 labeler that applies pressure-sensitive labels without contacting a product or package, making it ideal for fragile substrates and for positioning labels inside recessed surfaces.

Utilizing tamp-blow technology, each label is peeled from its liner and is retained by vacuum on the unit's tamp pad. When a product is sensed by the system's photoelectric eye, the pad is extended and the label is blown onto the package from approximately 0.25".

The Weber HERMA H400 applies labels up to 6 inches square to a maximum of 1230 inches of label web per minute. Several standard tamp-pad sizes are available and easily can be swapped to accommodate different label dimensions.

Available in either right- or left-hand configurations, the HERMA tamp-blow easily connects to PLC's and can handle transparent labels without incident.
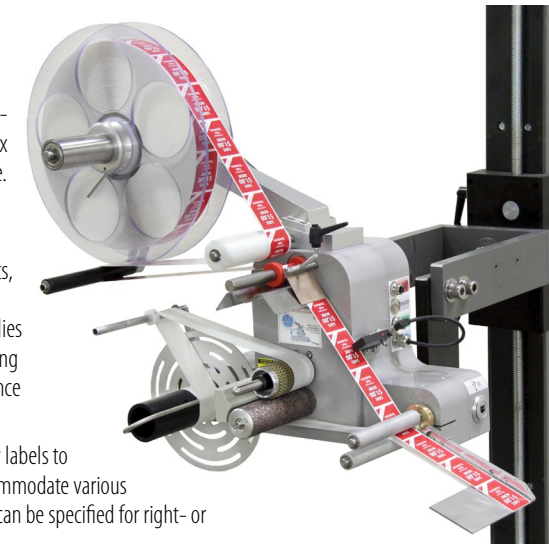
## Economical & Reliable

### Alpha Compact

Weber's Alpha Compact label applicator is a cost-effective solution to fast, reliable pressure-sensitive labeling. This system features a small footprint, yet employs a highly-accurate wipe-on method of application to affix pressure-sensitive labels on the production line.

The Alpha Compact unit automatically unwinds the supply roll and peels the labels from their liner, then wipes them on to products, cartons and other packages as they travel past the system on a conveyor line. This system applies labels up to 5.9 inches wide and 11.8 inches long at speeds up to 164 feet per minute to a tolerance of ±0.03 inches.

The versatile unit can be oriented to apply labels to the sides, tops or bottoms of packages. To accommodate various production environments, the Alpha Compact can be specified for right- or left-hand applications.

## Special Purpose Label Applicators

### Weber Model 121 Wrap-Around Labeler

When you need to automate your bottle labeling operation and bring your production to the next level, you should take a look at the Weber Model 121 wrap-around label applicator.
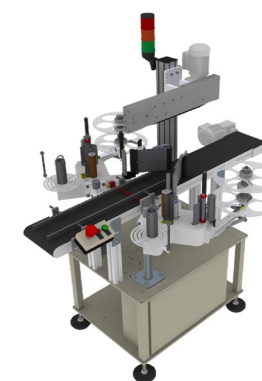
The system can wrap labels around straight-walled cylinderical products at up to 40 feet per minute with a placement accuracy of 0.03". The 121 has a compact footprint that fits easily into most production lines or is a perfect stand-alone labeler that can be moved into position for use, then stored until needed again.

Products are delivered to the Weber 121's built-in Alpha Compact applicator head via a 7.75"-wide, 45"-long belt conveyor, which permits product transfers at both the entry and discharge ends. Products up to 7" in diameter and up to 12" high easily can be accommodated using the system's adjustable guide rails. The unit also boasts robust steel construction that makes it ideal for lower-volume, intermittent labeling projects or for multiple-shift operations.

### Weber Model 114 Two-Sided Labeling System

The Weber 114 is a self-contained unit that features one or two Alpha Compact label applicators mounted on a sturdy, fully-adjustable base. The 114 is perfect for applying pressure-sensitive labels on straight-wall containers and has a label placement accuracy of ±0.03", making it as precise as similar labeling systems used in larger-scale operations. Labels up to 6" high and 12" long can be applied to a variety of product sizes by using the system's adjustable guide rails.

Products are delivered to the applicator via a 7.75"-wide 45"-long conveyor, which permits item transfers at both the entry and discharge ends. Products are secured by a top hold-down belt right before the label is applied, ensuring that the items do not shift.
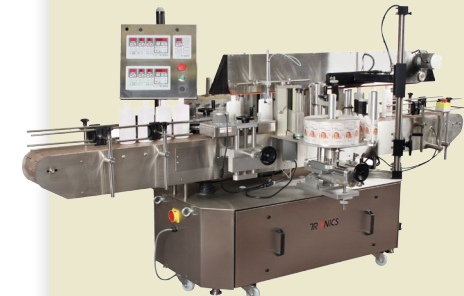
## Fast, Accurate & Versatile

### The Tronics Series 3

For in-line speed and precision, label after label, look to the versatile Tronics Series 3 from Weber to handle a wide variety of pressure-sensitive labeling applications.

The Series 3 can be configured to handle a diverse range of product shapes, including flat-sided, round, oval/contoured – plus unique and unstable products like caps, syringes, narrow cylinders, and more. Product sizes can be as small as a tiny vial or as large as a 10-gallon pail.
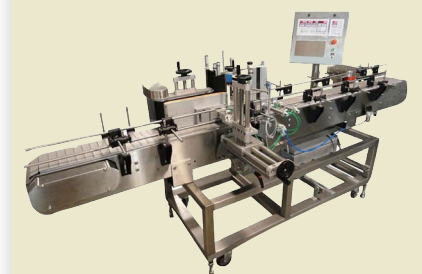
*Tronics Series 3*

And the types of label applications the system addresses are equally varied: front, back, top, bottom, wrap-around, booklet, crescent-shaped, single labels on multiple panels, corner-wrap, adjacent sides, tamper-evident, spot, neck, even RFID. It handles labels from .5 inches high and long to 10 inches high and 39 inches long at speeds up to 2,400 inches per minute.

The Series 3 is packed with features that make system set-up, adjustments and changeovers user-friendly and fast. Touch-panel controls ease operation, up to 100 jobs can be stored in the system's memory, and its pre-loaded software communicates with popular PLCs.

Its unmatched versatility, combined with rugged construction and dependability, have made the Tronics Series 3 the answer to countless pressure-sensitive labeling challenges for scores of packagers throughout industry.

*Tronics Series 3 Open-Frame*

**Weber**®
Labels & Labeling Systems

# Labeling Software

*The driving force behind every Weber label printer and printer-applicator is our exclusive Legitronic® Labeling Software.*

## Versatile Label Formatting

Our Legitronic software package uses advanced functionality to make it easy to design, edit and maintain label formats, plus precisely control the operation of label printers and RFID encoders.

This software package is so flexible that it eliminates the need to maintain a separate database for label information. Open Database Connectivity (ODBC) and Object Linking and Embedding (OLE) features ensure compatibility with many popular database, word processing and graphic design programs. Plus, remote input capabilities allow direct access from other devices, such as scales and PLCs.

Labels can be created from a selection of built-in features, including numerous bar code symbologies. Handy pull-down menus streamline formatting to a single screen. This VBA-enabled (Visual Basic Application) package also eases custom label design and print functions.

Printing is just as simple. Legitronic Labeling Software is compatible with thermal-transfer, direct-thermal and inkjet label printers, as well as with standard Windows®-based printers.

The software is ideal for networks, too. It efficiently handles multiple systems and shared file support, while a built-in security system restricts use and protects information.

And, if you're complying with the newest RFID requirements of many retailers and government agencies, our software also supports the encoding of EPC-compatible smart labels to meet Gen 2 specifications.

In addition, an optional version of the software includes the new Security Administrator that helps meet the requirements of *FDA 21 CFR Part 11*, a compliance standard regarding electronic records and electronic signatures.

In other words, the same software used to design and print labels also can help meet the very newest compliance standards. It really is that convenient.

### ActiveX-Enabled

Through the use of VB and C++ the user can drive Legitronic software transparently from other applications or can create custom-user-interface screens.

# Label Printers

*Our diverse selection of Zebra-brand printers and RFID printer-encoders addresses a wide range of in-house product identification applications.*

Weber's line of tabletop printers provides direct thermal or thermal-transfer printing on pressure-sensitive labels and tags.

We offer lightweight, economical units for low-volume needs, as well as rugged, high-performance units for more demanding operations. All of these units print text, in-spec bar codes and vivid graphics and, depending on the model, boast print resolutions of 203, 300 or 600 dots per inch.

Printers are available to accommodate various label sizes. Narrow-web units print on labels as small as 0.70 inches wide, while wider-web models handle labels as large as 8.8 inches wide.

We also provide Zebra-brand RFID label printer-encoders that will produce smart labels compliant with the latest EPC protocols to make it easy to meet the requirements of mass retailers and government agencies.

### RFID Ready

For companies that need a label printer now but might migrate to RFID technology in the future, select models of our Zebra printers can be upgraded to multi-protocol RFID encoders.

## Colorful Printing Options

### The Robust QuadraColor

Weber's QuadraColor label printer is a system that utilizes the latest inkjet technology to print spectacular 1600 x 1600 dpi, full-color labels at print speeds up to 12 ips.

The tabletop QuadraColor unit employs a Memjet single-pass, 8.75"-wide print head that disperses more than 700 million drops of ink per second from its 70,000 ink nozzles to produce stunning color images.

The QuadraColor printer supports both roll-to-roll and roll-to-cut label production. All printing operations are controlled from a 15.6" touch-screen computer that utilizes pre-installed software.

### The Epson ColorWorks C3500

For lower-volume, on-demand color label printing, Epson's latest desktop unit delivers four-color inkjet printing at impressive resolutions up to 720 x 360 dpi.

Operating at a print speed topping out at 4 ips, the unit is easily adjustable to handle labels to 4.25 inches wide.

Weber® Legitronic® Labeling Software

**Sheet Metal Screw** Phillips Pan Head Assorted Sizes

**Label Properties**
Settings | Options | Size | Summary | Queued | RFID
Tag
Type: EPC-96 | Encoding: SGTIN-96

| Options | Value |
|---|---|
| Antenna margin | 0.000 |
| VOID print length | 1.000 |
| Number of tries per tag | 3 |

| SGTIN-96 | Source | Data |
|---|---|---|
| Filter Value | Field | EPC Filter |
| Company Prefix Index | Field | EPC Compan... |
| Item Reference | Field | EPC Item Ref... |
| Serial Reference | Field | Serial Number |

**CASE.LBL**
Unit: **CASE**
SKU: 64004 — 70
Description:
Paper Towel — White

1 00 36000 64004 2

EPC: 23816400400000001
Serial: 00000001

# The Right Media

We provide the best in labels, tags, RFID smart labels and printer ribbons that ensure compatibility with all of our labeling systems.

Weber manufactures a broad selection of pressure-sensitive custom, variable-imprint labels and tags, including ones for challenging applications. And we also make a wide array of stock labels. With over 100 different label facestock and adhesive combinations available to us, our media experts can help determine the label best suited to a specific application.

Weber also is the source for eye-catching prime labels. Using water-based, UV flexographic, or rotary screen printing methods – in addition to the newest digital technology – we manufacture high-quality labels in up to ten colors, including process color. We offer a huge selection of materials, including paper, film and vinyl, plus specialty materials for foil accents, the no-label look, resealable constructions, and much more.

Also available are system-compatible thermal-transfer printer ribbons for label printers, printer-applicators, and RFID printer-encoders.

# Service & Support

If a problem should arise, we promise prompt service to get you up and running again.

For additional hardware or software support, or questions about your labeling application, our product support specialists are just a phone call away. Additionally, our customer service representatives are equipped with the latest on-line order-entry systems to expedite your requests.

Customer satisfaction is Weber's number-one priority, which is reflected by our Corporate Mission Statement:

*Our Success comes from helping our customers grow.*

*Our Commitment is to bring new technologies to market that improve packaging automation, product identification and brand recognition.*

*Our Team is agile, creative, responsive and conscientious toward or customers, our community and our environment.*

Weber is committed to giving you what you want, when you want it. Make us your partner and your resource for worry-free labeling.

For more information or to be put in touch with your local direct account manager, please call **1.800.843.4242** or email **info@weberpackaging.com**.

When you purchase a labeling system from Weber, you have a labeling partner who will provide you with continued support.

And that support starts right from the beginning with our direct account managers. As true labeling experts, they will examine your labeling problem and find the most cost-efficient method for solving it. Our account managers stand by you through installation and training as well.

After your system is operational, our nationwide service organization has the expertise to keep it operating at peak efficiency.

**Weber**
Labels & Labeling Systems

## www.weberpackaging.com

compliant RoHS

ISO 9001 REGISTERED 2008