

Model 5100 Twin-Tamp

Label Printer - Applicator



Weber's Model 5100 Twin-Tamp label printer-applicator combines a high-performance thermal/thermal-transfer label printer with a specially configured applicator to satisfy the printing and two-label, adjacent-panel application of carton labels in line.

Designed, engineered and built exclusively by Weber, the Twin-Tamp system is available with a choice of print engines, including 203- or 300-dpi units from manufacturers like Zebra, Sato and Datamax. Label sizes range from 2.0" wide and 1.0" long to 6.0" wide and 4.0" long. Each system can produce variable-sized text, bar codes and graphic images at speeds programmable up to 12.0" per second.

After a label is printed, it is automatically peeled from its liner and retained by vacuum on a non-contact, tamp-blow applicator pad. The tamp pad is mounted on a 90-degree rotary swing arm that reaches across a conveyor and blows the label to the front panel of the moving carton. Upon its return, a second label is printed and a separate straight-line stroke applies that label to the side of the carton to complete the cycle. Depending on label size, the system can maintain up to 40 cycles per minute at a placement accuracy of $\pm 0.03"$.

The system also can be configured to label side and rear panels, or single panels. And it easily adjusts to various conveyor heights and carton sizes when mounted on a heavy-duty stand.

Ruggedly constructed for use in a wide variety of industrial environments, the Twin-Tamp can handle harsh conditions and long, continuous duty cycles. Each unit is equipped with a strobe light for various label and printer ribbon alerts, as well as outputs for easy connection to an external PLC and Weber's LegiLink hand-held operator interface device.

Weber also took the hassle out of 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 Twin-Tamp operates with Weber's proprietary Print-Apply labeling software, which simplifies label formatting, editing and printing. Weber also offers a wide variety of pressure-sensitive custom labels and compatible thermal-transfer ribbons to meet virtually any labeling requirement.

KEY FEATURES

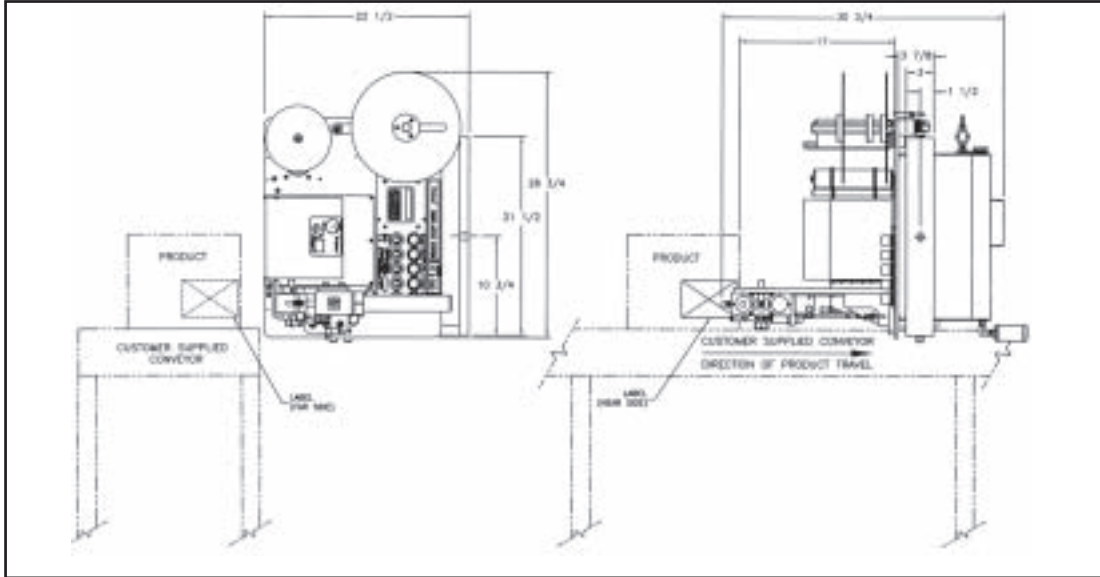
- One system prints and applies two labels to adjacent panels
- Choice of high-quality print engines
- Handles labels up to 6"W and 4"L
- In-line labeling accurate to $\pm 0.03"$

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Model 5100 Twin-Tamp

Printer - Applicator Specifications

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Dimensions

28.75"L x 30.75"W x 22.5"H
(724mm x 635mm x 572mm)

Weight

Approximately 185 lbs. (84kg);
varies slightly with printer selected

Electrical

115 VAC, 60 cycle, 5 amps; overload
protection built-in
(220 VAC, 50 cycle optional)

Air Requirements

5 cfm @ 90 psi

Product Sensing

Photoelectric

Printing Methods

Direct-thermal or thermal-transfer

Print Resolution

203 dpi (8 dots/mm) or
300 dpi (12 dots/mm)

Label Sizes

Minimum*: 2.0"W x 1.0"L
(50.8mm x 25.4mm)

Maximum*: 6.0"W x 4.0"L
(152.4mm x 101.6mm)

Print Area*

Up to 6.0"W x 4.0"L
(152.4mm x 101.6mm)

Print Speed*

Up to 12.0" (305mm) 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 12.0" (305mm) diameter

Labeling Speed

Contingent upon printer selected, label size
and label content

Label Placement

Accurate to ± 0.03 " (.76mm) when labels
are produced to specifications and product
handling is controlled

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

Weber Print-Apply Software

Options

Choice of Datamax, Sato, Zebra print
engines; heavy-duty stand

* *Dependent on printer selected*

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