High-speed variable-height print-apply.

Meeting Distribution Center Requirements

Weber's new LA-6000 high-speed variable-height print-apply system will label passing cartons of varying heights quickly, accurately and efficiently. These are for top-apply applications.

The servo motor driven actuator will ensure label application at up to 2250 cycles per hour depending on label size. Carbon fiber components reduce the weight of moving parts for higher labeling speeds.

And with the LA-6000's modular design and large 13.8" O.D. label rolls, you can print and apply labels with a minimum of downtime.

Reliable accuracy

Using the tamp-blow method, the LA-6000 can print and apply up to 40 labels per minute (dispensing output depends on label size, text change and dispensing stroke) to products that vary in height up to 19.68" (500mm). And label placement accuracy is ±0.03" (1mm).

• Interchangeable dispensing heads allow the use of different label sizes.

• Print engines by leading manufacturers such as Zebra and SATO allows an optimal match to the application and its specific printing requirements. (Thermal-transfer or direct-thermal.)

• Peak performances is achieved using a servo motor driven dispensing applicator and carbon fiber construction.

Special Features

• RFID labeling

• 3-color alarm lamp

• Dust and water spray protected enclosure for use in particularly harsh environmental conditions (also with heating)

• Bluhmware for system control and interlinking

• Legitronic® label printing software

• Dispensing applications (servo motor) top pallet labelling using extra long dispensing stroke, linear applicator with up to 47.2" (1,200mm) dispensing stroke, 90° and 180° swivel applicator, and short stroke high-speed linear applicators

Weber®
Packaging Solutions

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

Weight
220 lbs. (100kg)

Electrical
92 to 263 VAC, 50/60 hz, 5 amp

Air Requirements
3 cfm at 90 psi; compressed air must be clean, dry and oil-free (DiN isO 8573-1)

Product Sensing
Reflex sensor, light barrier, inductive or capacitive sensor, micro switch, floating contacts (PLC)

Communication Interface
RS-232-C; Centronics compatible

Product Sensing
Photoelectric

Label Gap
Minimum 1/8" (3mm)

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)

Dispensing Output
Up to 40 labels per minute; dispensing output depends on label size, text change and dispensing stroke

Label Placement
Position accuracy of the dispensed labels: Standard: up to ± 0.03" (1mm) with controlled product handling. Optional: ±).015 (0.5mm)

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 ZE511 203, 300 and 300 dpi: 4.09" (104mm)
• Zebra ZE521 203 and 300 dpi: 6.6" (168mm)
• Sato S84-NX: 4.1" (104 mm)
• Sato 86-NX: 6.6" (167.5 mm)

Print Speed & Resolution
• Zebra ZE511 203 dpi: Up to 18.0"/ second (457mm)
• Zebra ZE511 300 dpi: Up to 14.0"/ second (356mm)
• Zebra ZE511 600 dpi: Up to 6.0"/ second (152mm)
• Zebra ZE521 203 dpi: Up to 14.0"/ second (356mm)
• Zebra ZE521 300 dpi: Up to 12.0"/ second (305mm)
• SATO S84-NX Series: Up to 16", 14" or 6"/second (406.4mm, 355.6mm, 152.4mm) @ 203, 300 or 600 dpi
• SATO S86-NX Series: Up to 14" or 12"/second (355.6mm, 304.8mm) @ 203 or 300 dpi

Label Width Range
• Zebra ZE511 203, 300 and 600 dpi: 0.625" (16mm) to 4.5" (114mm)
• Zebra ZE521 203, 300 and 600 dpi: 3" (76mm) to 7.1" (180mm)
• Sato 84-NX: Max 5.16" (131mm); Min 0.51" (13mm)
• Sato 86-NX: Max 7.09" (180mm); Min 2.13" (54mm)

Optional Features
• RFID labeling
• 3-color alarm lamp
• Dust and water spray protected enclosure for use in particularly harsh environmental conditions (also with heating)
• Bluhmware for system control and interlinking
• Legitronic® label printing software
• Dispensing applications (servo motor) top pallet labelling using extra long dispensing stroke, linear applicator with up to 47.2" (1,200mm) dispensing stroke, 90° and 180° swivel applicator, and short stroke high-speed linear applicators

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