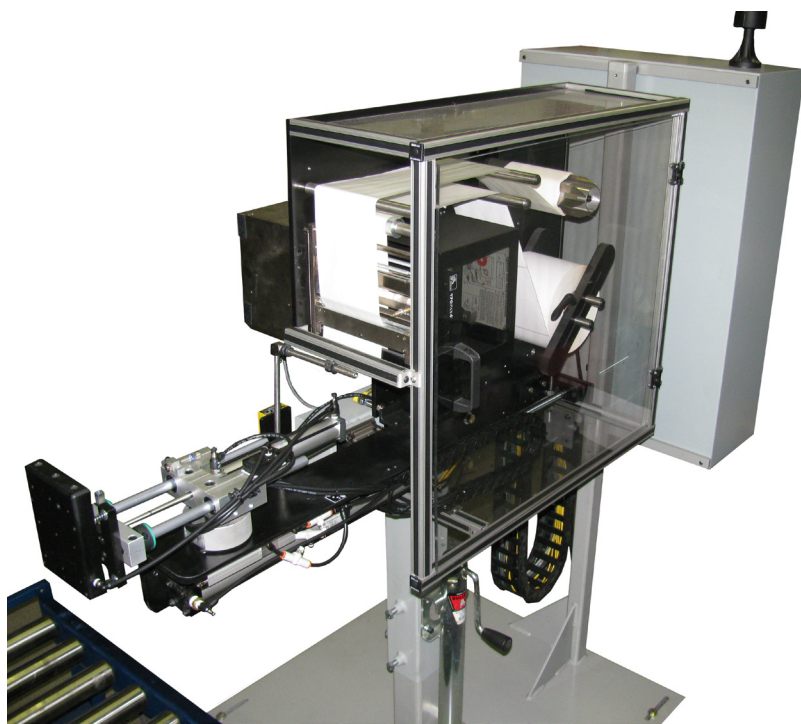


SA3100

THREE PANEL PALLET LABELER

Heavy-duty three panel pallet labeler with rotating application arm



Flexible Applicator Head The label applicator head has three distinct ranges of motion: linear travel away from the applicator, rotation of the platen pad in either direction, and linear travel of the platen pad towards the front or rear of the load. The spring loaded tamp pad adapts to the load surface.

The Kolinahr Systems SA3100 Three Panel Pallet Labeler is designed to print and apply labels to the front and/or side and/or back of a pallet load.

Reliable, Repeatable Labeling

The SA3100 Three Panel Pallet Labeler is designed to print and apply labels to the front and/or side and/or back of a pallet load. The machine is controlled by a PLC, which can communicate with the conveyor, stretch wrapper, and palletizer to ensure proper product handling during the labeling sequence. Full diagnostic reports and communication tracking are available, making troubleshooting easy.

Rotating Application Arm

A SMC rotary actuator and a second slide-cylinder allow the platen pad to rotate 90° in either direction to apply the front and rear labels. Side labels are applied to the pallet load by a variable stroke slide-cylinder tamp assembly. The spring loaded tamp-pad adapts to the pallet load surface. Barcode labels are printed with a Zebra® PAX print engine.

Built to Last

The heavy-duty stand, the UL listed NEMA 12 industrial controls enclosure, and the other high quality commercial parts help ensure that the SA3100 will handle the rigors of 24/7 pallet load labeling.

More Information

Online <http://www.kolinahr.com/products.php?p=5>

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Technical specifications

Size (L x W x H)	54.0" × 28.8" × 73.0" (1.4 m × .7 m × 1.9 m)
Electrical	110 VAC, 60 Hz, single phase, 10 A
Pneumatics	3 SCFM (85 Lpm) Clean Dry Air (550 KPa)
Standard Printer	Zebra™ PAX print engine
Print Resolution	203/300 dpi (8/12 dots/mm)
Print Speed	12" (305 mm) per second maximum
Print Width	4.1" (104 mm) maximum
Print Length	10" (254 mm) maximum
Label Specifications	12.0" (305 mm) O. D. on 3.0" (76 mm) I. D. cores Die-cut labels with 1/8" (3 mm) space

Options

6.6" maximum print width
Optional custom labeling height or "Auto Height" (SA3110)
Customer-specified control system (Allen-Bradley PLC/SLC/CLX, Flex I/O, Modicon, more)
Mounted barcode scanners
Preprinted label dispenser (SA3101)
Sato, Datamax, Intermec, or other print engines
Customer-specified interface to printer (AS400, Oracle, SAP, more)
4-Panel labeling with additional SA3100 labeler or with turntable
RFID printer upgrade for "Smart Label" or EPC™ compliance (SA3100-RF, SA3101-RF)
Turnkey installation

Standard Features

Rotating Applicator Arm	Applies labels to the front and/or side and/or back of pallet loads Durable design for low maintenance
Spring-Loaded Tamp Pad	Adjusts to variations on the pallet load surface
Labeling Head Enclosure	Protects labeler from damage
PLC Machine Control	Control program can be customized for the application Communicates with other finished product handling equipment Allows for full diagnostics feedback
KLASS Labeling Software on Touch Screen PC	Provides template and database flexibility at the labeler Prepares fault and ZPL code reports
Zebra® Table Top Printer	High quality thermal transfer printing that is easy to maintain or replace
High Grade Pneumatics	Soft-start reduces pneumatic impact during startup Minimizes air usage by the vacuum pad/air assist system
Heavy-Duty Stand w/ Jack	Provides stable base for the machine Allows manual height adjustment
Industrial Safety Components	LEXAN® safety guard around pinch points NEMA 12 controls enclosure Lockable electrical disconnect and air dump valve
Status Light Stack	Provides a quick visual monitor for the operator
Media Status Indicators	Low-level ribbon and media fault detection minimizes downtime

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