SA100
AUTOMATIC PALLET LABELER

Durable pallet labeler to handle the rigors of 24/7 pallet load handling

The Kolinahr Systems SA100 Automatic Pallet Labeler utilizes a desktop printer to print and apply labels to the side of a pallet load.

Maximum Control

The SA100 Automatic Pallet Labeler is designed to print and apply labels to the side 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.

Reliable Label Application

Barcode labels are printed using a Zebra® Xi-Series industrial tabletop printer and are applied to the pallet load by a 20-in (51 cm) variable stroke slide-cylinder tamp assembly. A label on platen sensor verifies label placement before application resulting in fewer dropped labels. The spring-loaded tamp-pad adapts to the pallet load surface.

Built to Last

The rugged PHD® slide-cylinder, heavy-duty stand, NEMA 12 UL listed industrial controls enclosure, and other high quality commercial parts help ensure that the SA100 will handle the rigors of 24/7 pallet load labeling.

More Information

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Kolinahr
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Technical specifications

Size (L x W x H)	28" x 32" x 81" (0.7 m x 0.8 m x 2.1 m)
Electrical	110 VAC, 60 Hz, single phase, 10 A
Pneumatics	3 SCFM (85 Lpm) @ 60 PSI (414 kPa) Clean Dry Air
Standard Printer	Zebra® Xi-Series Tabletop Printer
Print Resolution	203/300 dpi (8/12 dots/mm)
Print Speed	12" (305 mm) per second maximum
Print Width	5.5" (140 mm) standard / 8.7" (220 mm) maximum
Print Length	10" (254 mm) maximum
Label Specifications	8" (203 mm) O.D. on 3" (76 mm) I.D. cores Die-cut labels with 1/8" (3 mm) space

Options
Custom stroke length or labeling height
Customer-specified control system (Allen-Bradley PLC/SLC/CLX, Flex I/O, more)
Sato, Datamax, Intermec, or other desktop printer
Automatic height adjustment
Multi-sided label application with turntable
Customer-specified interface to printer (AS400, Oracle, SAP, more)
Turnkey installation

Standard Features	Benefits
"Smart" Tamp Applicator	Applies labels to the side of pallet loads "Smart" tamp pad compression sensor (begins arms retraction when tamp pad contacts load) Minimizes downtime, eliminates product damage during labeling
Spring-Loaded Tamp Pad	Adjusts to surface variations on the side of a pallet load
"Label on Tamp Pad" Sensor	Helps ensure that a label is printed and the label is applied
High Grade Pneumatics	Soft-start reduces pneumatic impact during startup On/Off controls minimize air usage by the vacuum pad/air assist system
Industrial Safety Components	LEXAN® safety guard around the tamp cylinder NEMA 12 controls enclosure Lockable electrical disconnect and air dump valve
Status Light Stack	Provides a quick visual monitor for the operator
Heavy-Duty Pedestal Stand	Provides stable base for printing and labeling Allows manual height adjustment

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