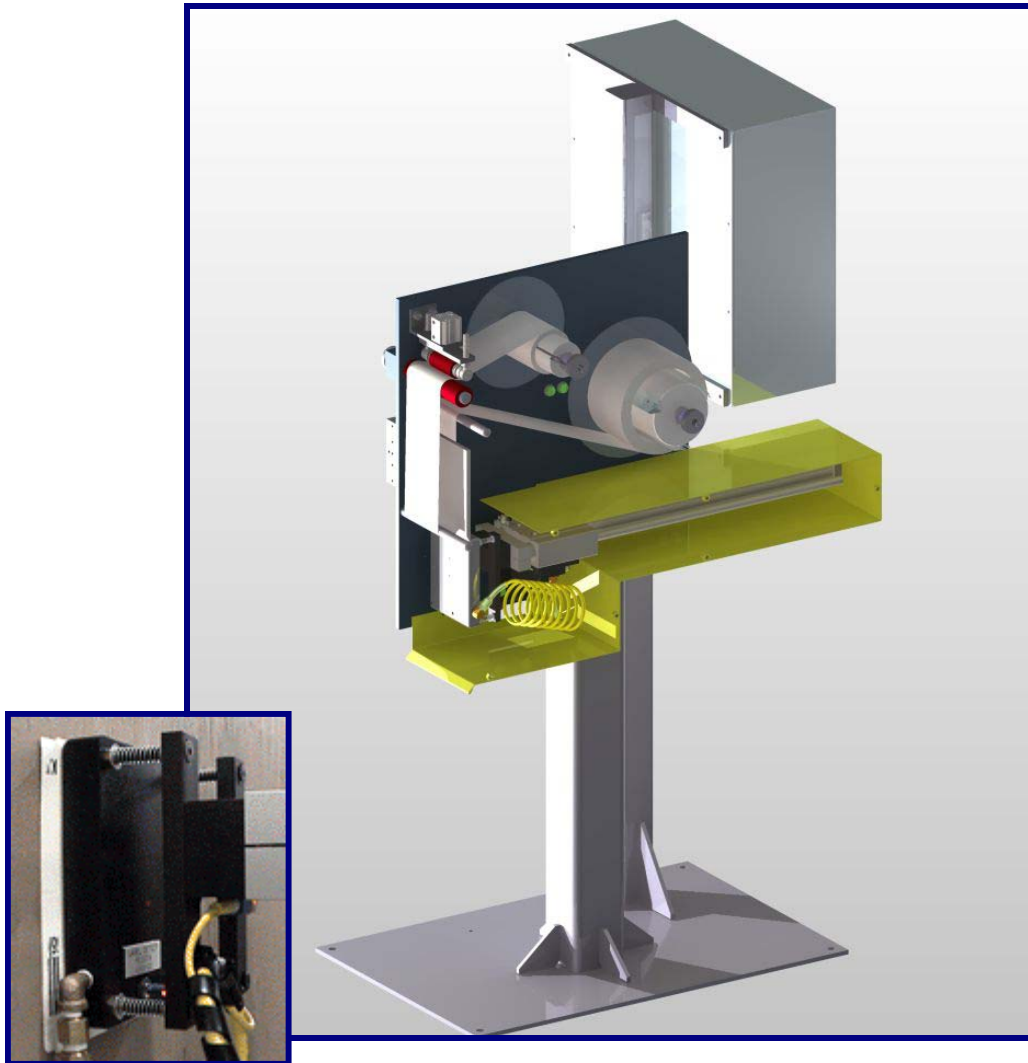

SA1001 AUTOMATIC PALLET LABELER



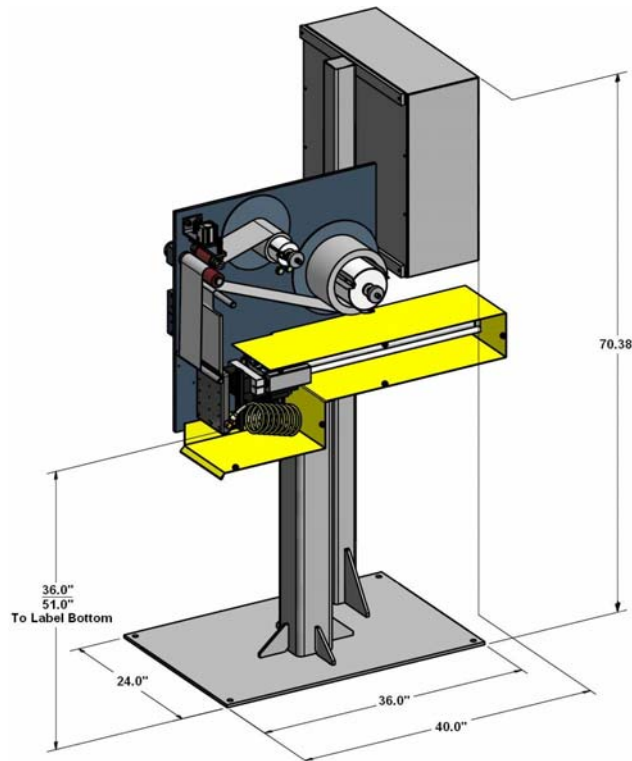
General Description

The SA1001 Automatic Pallet Labeler is designed to apply labels to the side of pallet loads. 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.

The labels are dispensed onto a spring-loaded tamp pad. The labels are applied to the pallet load by a 24-inch (61 cm) variable stroke slide-cylinder tamp assembly. The spring-loaded tamp-pad adapts to the pallet load surface. The rugged PHD® slide cylinder, along with the heavy-duty stand, the NEMA 12 industrial controls enclosure, and the other high quality commercial parts help ensure that the SA1000 will handle the rigors of 24/7 pallet load labeling.

SA1001 AUTOMATIC PALLET LABELER

Front View



Specifications

Size (L × W × H)	36" × 36" × 93" (0.9 m × 0.9 m × 2.4 m)
Electrical	110 VAC, 60 Hz, Single phase, 10 A
Pneumatics	3 CFM (85 Lpm) @ 60 PSI (414 kPa) Clean Dry Air
Label Width	6.0" (168 mm) maximum
Label Length	10.0" (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

Custom stroke length or labeling height available

Customer-specified control system (Allen-Bradley PLC/SLC/CLX, Flex I/O, Modicon, more)

Mounted barcode scanners

18" (457 mm) O. D. on 3" (76 mm) I. D. core label supply

Multi-sided label application with turntable

RFID printer upgrade for "Smart Label" or EPC™ compliance (SA1000-RF, SA1001-RF)

Kolinahr Systems, Inc.

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SA1001 AUTOMATIC PALLET LABELER

Standard Features	Benefits
“Smart” Tamp Applicator	Applies labels to the side of pallet loads “Smart” tamp pad compression sensor adjusts the cylinder reach to the pallet load location Extremely durable – minimizes downtime
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
PLC Machine Control	Control program can be customized for the application Communicates with other finished product handling equipment Allows for full diagnostics feedback
High Grade Pneumatics	Soft-start reduces pneumatic impact during startup On/off controls minimize air usage by the vacuum pad/air assist system
Heavy-Duty Pedestal Stand	Protects machine from damage Provides stable base for labeling Allows manual height adjustment
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
Media Status Indicators	Low-level and media fault detection minimizes downtime

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