SA2200
DUAL PANEL PALLET LABELER

Extra heavy-duty dual panel pallet labeler with "Super Arm" applicator

The Kolinahr Systems SA2200 Dual Panel Pallet Labeler is designed to print and apply labels to the front and/or side of a pallet load.

Reliable, Repeatable Labels
The SA2200 Dual Panel Pallet Labeler is designed to print and apply labels to the front and/or 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. A PC program simplifies the process of managing the label format and database.

Rotating "Super Arm"
The heart of the system is the rotating "Super Arm". The 3" × 3" thick aluminum arm takes a barcode label from the Zebra® tabletop printer, rotates out 90° and applies it to the leading face of the pallet. The arm returns to accept a duplicate label that is then applied to the side panel.

Built to Last
The rugged construction of the arm, stand, and frame, the NEMA 12 UL listed and approved industrial controls enclosure, and the other high quality commercial parts help ensure that the SA2200 will handle the rigors of 24/7 pallet load labeling.

More Information
Online http://www.kolinahrsystems.com/products.php?p=4
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Dual Label Operation The label is applied to the leading edge when the pallet load pushes into the spring loaded tamp pad and moves the arm off of a proximity switch. The conveyor stops while the applicator arm returns to accept a duplicate label which is then wiped onto the side panel as the pallet load moves past the labeler.

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Technical specifications

Size (L x W x H)	41" × 56" × 72" (1.0 m × 1.4 m × 1.8 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® Tabletop Printer
Print Resolution	203/300 dpi (8/12 dots/mm)
Print Speed	12" (305 mm) per second maximum
Print Width	5.0" (127 mm) standard
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

12.0" (305 mm) O. D. on 3" (76 mm) I. D. core label supply

Optional custom labeling height

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

Mounted barcode scanners for label verification

Preprinted label dispenser (SA2201)

Sato, Datamax, Intermec, or other table top printers

Customer-specified interface to printer (AS400, Oracle, SAP, more)

4-Panel labeling with additional SA2200 labeler or with turntable

RFID printer upgrade for "Smart Label" or EPC™ compliance (SA2200-RF, SA2201-RF)

Turnkey installation

Standard Features

"Super Arm" Label Applicator	Applies labels to the front and/or side of pallet loads Extremely durable 3" × 3" thick arm specifically designed to handle the impact of a runaway unit load
Spring-Loaded Tamp Pad	Adjusts to variations on the pallet load surface
Labeling Head Enclosure	Protects operators from pinch points and 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 IBM-Compatible 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 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 the machine Allows manual height adjustment
Industrial Safety Components	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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