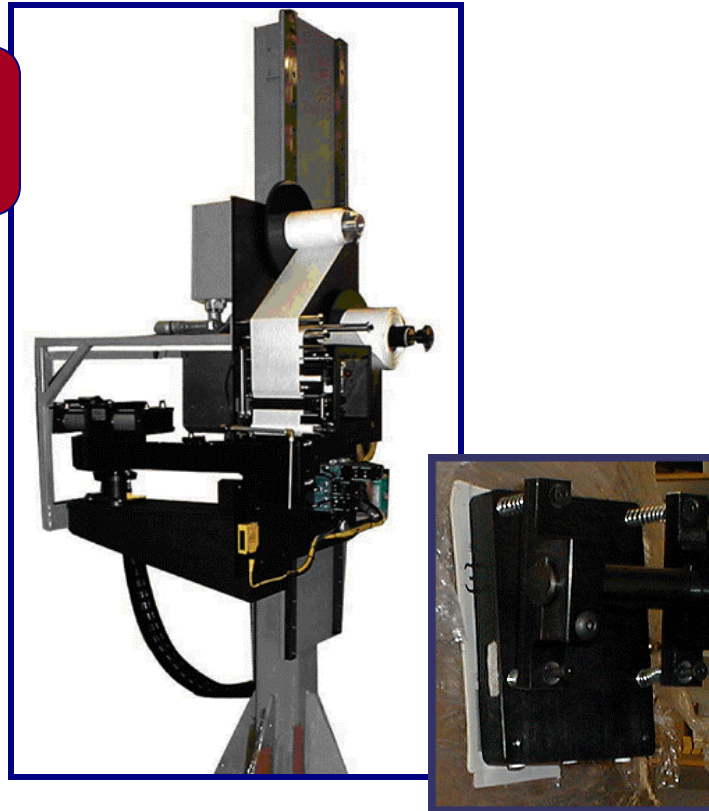


---

## SA2210 AUTO-HEIGHT DUAL PANEL PALLET LABELER

---

Patent #s  
6,672,356  
7,186,689  
7,354,498



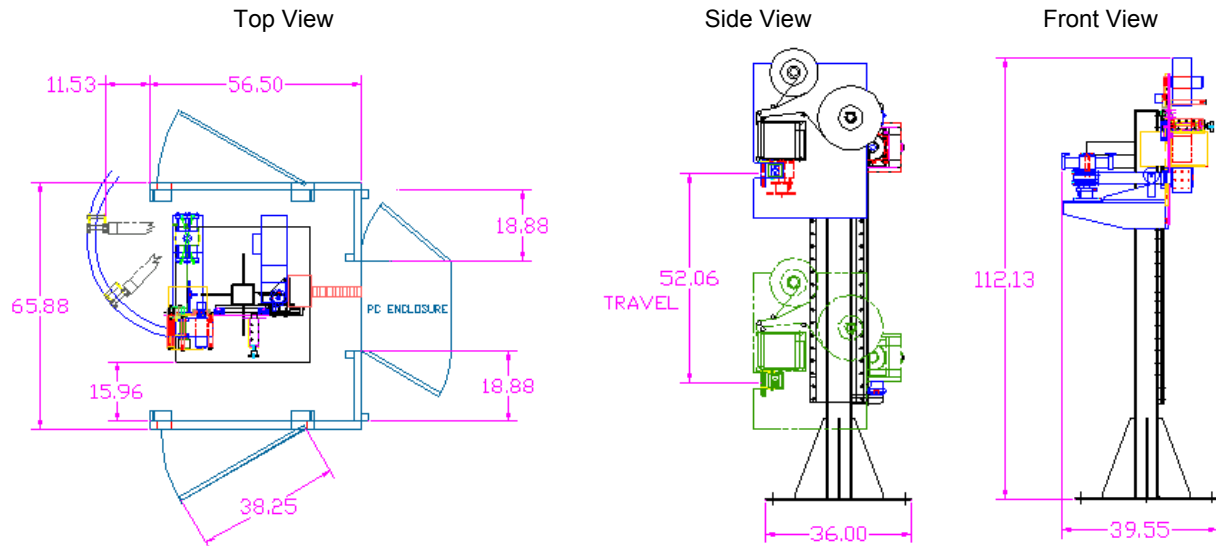
### General Description

The SA2210 Auto-Height Dual Panel Pallet Labeler is designed to print and apply labels to the front and/or side of a pallet load. The Auto-Height feature allows the labels to be placed on stacked pallets by varying the height of the labeler. The SA2210 can also be programmed to label at a precise level on varying height loads or to avoid labeling the seams between layers on random 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. A PC program simplifies the process of managing the label format and database.

The heart of the system is the rotating "Super Arm". The 3" x 3" thick "Super Arm" takes a barcode label from the Zebra™ PAX printer, rotates out 90°, and applies it to the leading edge of the pallet. The arm then returns to accept a duplicate label that is then applied to the side panel. The rugged construction of the "Super Arm", along with the heavy-duty stand, the NEMA 12 industrial controls enclosure, and the other high quality commercial parts help ensure that the SA2210 will handle the rigors of 24/7 pallet load labeling.

## SA2210 AUTO-HEIGHT DUAL PANEL PALLET LABELER



Size (L × W × H)	66" × 57" × 112" (1.7 m × 1.4 m × 2.8 m)
Electrical	110 VAC, 60 Hz, Single phase, 10 A
Pneumatics	3 CFM (85 Lpm) @ 60 PSI (414 kPa) Clean Dry Air
Labeling Height Range	30" (0.76 m) to 85" (2.16 m)
Standard Printer	Zebra PAX print engine
Print Resolution	203/300 dpi (8/12 dots/mm)
Print Speed	12.0" (305 mm) per second maximum
Print Width	5.0" (140 mm) maximum
Print Length	10.0" (254 mm) maximum
Label Specifications	8.0" (203 mm) O. D. on 3.0" (76 mm) cores Die-cut labels with 1/8" (3 mm) space

### Options

- 18.0" (457 mm) O. D. on 3.0" (76 mm) I. D. core label supply
- Custom labeling height range available
- Customer-specified control system (Allen-Bradley PLC/SLC/CLX, Flex I/O, Modicon, more)
- Mounted barcode scanners
- Preprinted label dispenser (SA2211)
- Sato, Datamax, Intermec, or other print engines
- Customer-specified interface to printer (AS400, Oracle, SAP, more)
- 4-Panel labeling with additional SA2210 labeler or with turntable
- Turnkey installation
- RFID printer upgrade for "Smart Label" or EPC™ compliance (SA2210-RF, SA2211-RF)

### Kolinahr Systems, Inc.

6840 Ashfield Drive  
Cincinnati, OH 45242

E-Mail: [sales@kolinahr.cc](mailto:sales@kolinahr.cc)  
Phone: 513-745-9401  
Fax: 513-794-3240  
On the Web: <http://www.kolinahr.cc>



## SA2210 AUTO-HEIGHT DUAL PANEL PALLET LABELER

Standard Features	Benefits
Automatic Height Adjustment	Allows labeling of stacked or variable-height pallet loads Rack-and-pinion drive and linear bearing provides smooth and reliable movement for consistent label placement
"Super Arm" Label Applicator	Applies labels to the front and/or side of pallet loads Extremely durable – the 3" x 3" thick arm is 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 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® PAX Printer	High quality thermal transfer printing 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	Wire mesh safety enclosure 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

**Kolinahr Systems, Inc.**  
6840 Ashfield Drive  
Cincinnati, OH 45242

E-Mail: [sales@kolinahr.cc](mailto:sales@kolinahr.cc)  
Phone: 513-745-9401  
Fax: 513-794-3240  
On the Web: <http://www.kolinahr.cc>