



PACKAGING SYSTEMS
International Incorporated

HIGH SPEED AUTOMATIC INLINE BAG PALLETIZER

4990 Acoma Street • Denver, Colorado • www.pkgsys.com • (303) 296-4445 Fax (303) 296-2164 Bulletin #2400



Heavy-Duty All Electric Design

With the introduction of Packaging Systems International's Model 2400 Automatic Bag Palletizer, the benefits of PSI's high-level design and quality construction are combined in a machine designed for production rates of up to 40 bags per minute. The Model 2400 retains many of the same components found on other PSI palletizers, but specially reconfigures them to produce a machine specifically designed for higher production rates. The inline design not only facilitates higher speeds, but can also fit into layouts which may not be suited for a right-angle style palletizer.

Easy operation & Maintenance

From the Automatic Empty Pallet Dispenser to the massive Pallet Elevator assembly, the Model 2400 is simple to operate and easy to maintain. Structural members are oversized and all purchased components are name-brand for reliable performance. As with all PSI Palletizers, absolutely no hydraulics are used, assuring plant personnel of familiar maintenance concepts.



Standrd Features

Choise of Bag Patterns: 2,3,4,5,6,7&8 bag patterns available.

Add or change later with simple programming.

Reliable Bag orientation: Motor driven diverter positions bag in correct lane. Either of 2 domes positively turns bags as needed, without deformation.

Split Load Plates: Fast, compact split load plates contribute to stable pallet loads and excellent bag handling.

Layer Squaring: Squares each layer prior to depositing onto partially loaded pallet. Enhances pallet stability and appearance.

Layer Compression: Each successive layer is compressed against the underside of the load plates to further enhance pallet stability and appearance.

Pallet Dispenser: Dispenser holds a 60" stack of pallets (typically 14-16 pallets). Low level indicator signals low pallet level. (Larger magazine capacity optional)

Pallet Transport Conveyors: Heavy-duty wire mesh transport conveyors, with variable frequency drive and electric brake on elevator conveyor.

Pallet Elevator: Electrically operated forklift mast with positive tracking system.

Controls: Programmable Allen-Bradley solid state controller for ease of maintenance and dependability.

Control Console: Located on operator platform – allows manual control of palletizer functions (less dispenser) to facilitate troubleshooting and systems operation.

Assembly: Completely assembled, wired and tested prior to shipping using customer furnished pallets, bags and material to minimize field start-up time.

Warranty: 18 months from date of shipment.



Options

Layer Glue System: Places a spray adhesive on each bag prior to depositing layer on pallet.

Slip Sheet Dispenser: Automatically places one slipsheet on the pallet or wire mesh conveyor.

Pop-Up Turning Device: Center pivot turning head is available to orient bags in a butts-out position. This improves the stability and appearance of some pallet loads.

Special electrical Classifications: In addition to the standard NEMA 12 construction, NEMA 4, NEMA 4x and explosion proof electrical systems are available at additional cost.

Specifications

Palletizer

Rate: 40 bags per minute

Pallet Load Height: 66" including pallet (taller loads optional)

Pallet Load Capacity: 4,000 pounds (1,818 Kgs)

Pallet Conveyor Height: 30" top of belt

Pattern: Choice of 2, 3, 4, 5, 6, 7 & 8 bag pattern

Pattern Size: Min. 35" x 40" to max. 54" x 58"

Controls: Allen-Bradley Programmable Logic Controller

Electrical: 230 or 460/3/60, NEMA 12

Motors: TEFC, 'C' Face

Paint: PSI Standard Industrial Enamel

Shipping Weight: 22,000 pounds (10,000 Kgs)

Overall Height: 12' 8"

Bags

Material: Paper, Plastic or Burlap

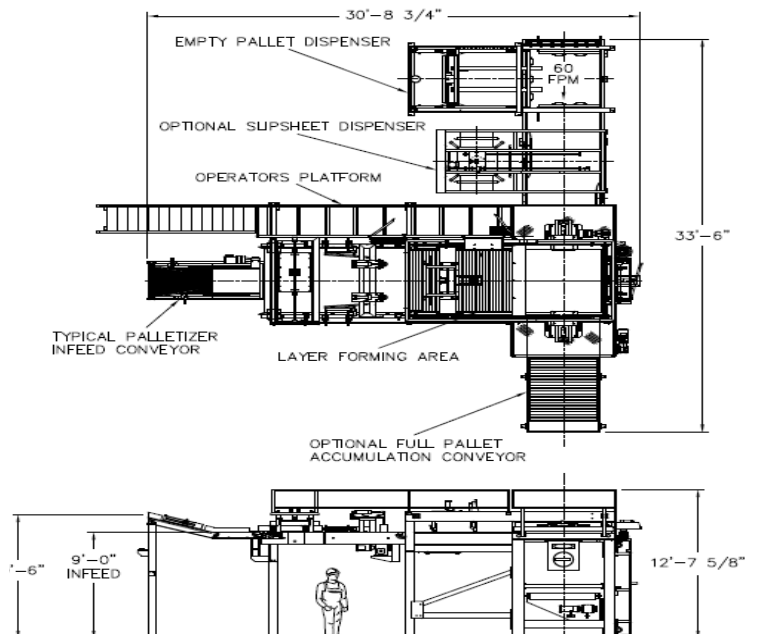
Style: All bag types

Pallets

Size: 36" square min. to 54" x 56" max.

Style: 2-way or 4-way; single or double faced

Pallet Construction: Wood, Plastic or Metal



Because of Packaging Systems International's continuous program of improvements, specifications are subject to change without notice.



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