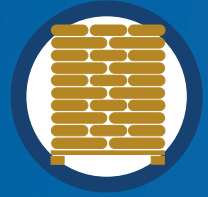




**A-B-C PACKAGING
MACHINE CORPORATION**



BAG PALLETIZING



Model 72B
The simple and compact solution for
palletizing up to 3 layers per minute.

72 series Bag Palletizers

Low level palletizers that achieve new heights of performance.

- Workhorse machines with high or low level infeed
- Compact footprints offering easy access
- Replace manual palletizing for heavy bags of agricultural, chemical, and building supply products

Low level bag palletizers with high performance features



All A-B-C palletizers give you these high performance features:

- Quiet and precise electromechanical operation
- Reinforced stainless steel transfer table for long term reliability
- Counterweighted elevator table for maximum load stability
- Automatic layer centering forms square, stable palletloads
- Adjustable layer retainer bar and guide rails for top flexibility
- Easy access, low maintenance design
- Preprogrammed pallet patterns for rapid changeover
- Simplified operation with color touchscreen control panel

Economical operation

Keeping your palletizing operation at floor level keeps your costs down. The clean, open designs allow easy access for maintenance, and low level operation keeps all line personnel at floor level, eliminating costly overhead platforms.

Low maintenance

Simple, straightforward design and solid construction minimize maintenance tasks on A-B-C palletizers. In addition, low maintenance features reduce scheduled downtime.

Security

While the clean, open designs allow complete visibility and machine access, plant personnel are protected by electrically-interlocked panels and sensors that halt operation when opened.

Model 75 High Speed Bag Palletizer

Speeds to 4 layers/minute with an automatic grouping module for accumulation during layer transfer

Built for performance

Quality construction, with unique production features and attention to detail set A-B-C palletizers apart and ensure top performance for years to come.

- Heavy gauge steel frames are welded and bolted for maximum strength and durability
- Quiet, electric motor drives provide precise and reliable performance
- Elevator tables are stainless steel, reinforced with crossbar beams to reduce friction and eliminate table load stress. Tapered table edges ensure stable layer transfer to pallet.
- Counterweighted design is proven to eliminate drive motor stress and ensure stable container transfer
- Smooth vertical transfer by variable frequency motor drive. Eliminates hard stops and component wear.
- Automatic layer centering by PLC controlled layer retainer bar

One-touch control

Set-up is effortless, using the clear, color touchscreen operator control station; and product loading patterns may be changed instantly. The operator panel displays real-time operating data and provides access to I/O machine status and diagnostic reports.

At first glance, A-B-C palletizers stand apart. Perhaps it is the low level design, offering the freedom of on-floor operation and control. Or the clean, open profile that ensures high visibility and easy access. Take a closer look. You'll see the many value-added features built into each A-B-C palletizer that make a positive impact on your line performance ... and that's what counts at the end of the day.

From concept through finished design, our engineers work to create top performing machines, with features for ultrasmooth product transfer, perfect load positioning and rapid product changeover as standard equipment. Best of all, our modular designs give you total flexibility in designing your palletizers ... for a perfect match to each production line. With a multitude of upgrade options for future expansion.

Add A-B-C's total package of customer support with technical service, spare parts, operator training, and our commitment to customer satisfaction and you've got the best palletizer value on today's market.

Models to meet your needs

Model 72SAB Semi-automatic bag palletizer that eliminates heavy lifting and offers complete flexibility and automation for your lines

Model 72B Simple, reliable, automatic bag palletizer for speeds to 3 layers/minute

Model 75 High speed bag palletizer with speeds to 4 layers/minute

Models with extended tables for increased speed and roller ball tables for very heavy loads are also available.

Optimum flexibility

Compact footprints allow installation in limited floor space and modular designs provide maximum flexibility in line layouts. High level product feed is also available.

Palletizers run a wide variety of bag styles and offer many infeed, discharge, orienting, and accumulation alternatives.

Systems are shipped with all patterns pre-loaded, and additional orienting and stacking configurations may be added at any time.



Automatic infeed control

To ensure proper spacing and eliminate the risk of damage from bag-to-bag contact, sensors monitor, count and stage the bags before they enter the orienting conveyor.

Smooth and gentle orientation

Bags are turned 90°, 180° or 270° to form the desired pattern by popup or overhead turner. Bags can be positioned with the bottom (butt) or printed panel facing out on the pallet.



Soft touch roller transfer table

The transfer table has rollers to reduce friction and allow bag transfer without content shift. The edge of the stainless table has a tapered design that enables bags to glide from table to pallet.

Square layers for high quality palletloads

Precise layer centering is achieved by the combination of dual side squaring plates and a rear layer retaining plate to form square and stable palletloads.

Intelligent Control with simple user interface

The industrial grade control panel has a color graphical display for easy control, changeover, troubleshooting, and quick access to status and operating reports.

72 series Bag Palletizer Accessories

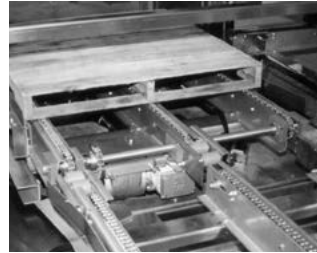
Pallet Dispensing



Pallet dispenser with 2 chain conveyor



Multi-size pallet dispenser with roller conveyor



90° pallet rotation device with 3 chain full pallet conveyor

Product Orienting

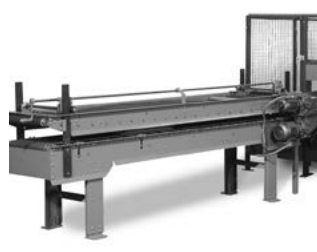


Pop up turner



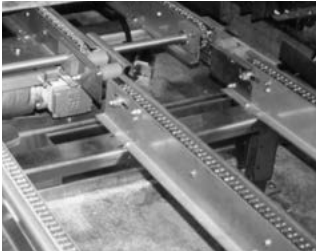
Overhead turner

Bag Flattener



Bag flattener with powered top and bottom belts

Pallet Transport



3 chain full pallet conveyor



Roller conveyor for full or empty pallets



5' gravity discharge roller conveyor

Layer or Bottom Sheet Dispensing



Multi layer sheet dispenser



Multi layer sheet dispenser



Bottom sheet dispenser

Quality features for a better machine:

- Electromechanical dual chain-driven layer pusher bar or overhead pusher bar for layer formation
- Stainless steel, reinforced elevator table with gravity design and tapered stripper plate
- Counterweighted elevator table
- Adjustable layer retainer bar
- Adjustable guide rails on elevator table
- Low maintenance design
- Allen Bradley PLC
- IEC motor starters
- Quick disconnect non-contact sensing devices with LED indicators
- Variable frequency motor drives

Optional features:

- Custom bag orientation devices including turning wheels and pop-up blade stops
- Layer squaring devices
- Pallet dispenser
- Bottom slip sheet dispenser
- Automatic bag orientation to show labels or other identification on all four sides of the finished pallet
- Layer sheet insertion
- Roller stripper plate assembly for shrinkwrapped products
- Automatic pallet handling and bottom tier sheet dispenser
- Bag flattener

All information in this brochure was current at time of printing, however, in the continuing effort to improve the quality and construction of A-B-C machines, we reserve the right to make changes without notice. Guards may be opened or removed for photos shown.

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**A-B-C PACKAGING
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ERECTORS



PACKERS



SEALERS



PARTITIONERS



PALLETIZERS



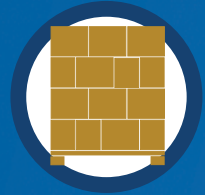
DEPALLETIZERS



DECASERS



**A-B-C PACKAGING
MACHINE CORPORATION**



PALLETIZING



Model 72SA Palletizer Semi-Automatic

This simple and affordable Model 72SA palletizer makes it easy to upgrade your hand palletizing operation, without losing the flexibility of manual palletizing.

- Increase efficiency—product feed from any direction
- Eliminate bending and lifting to palletize cases
- Easily upgrade to automatic operation

An easy upgrade from manual palletizing



Operation is as simple as 1-2-3!

- 1 Cases feed by conveyor and the operator slides them into the correct pattern.
- 2 When the layer is complete, the operator presses the start button, and the layer is automatically placed squarely on the previous pallet layer.
- 3 The table automatically returns to its original position for the next load.



Increase operator efficiency

No lifting, stooping or walking around the pallet. The operator simply transfers the product to the accumulation table, then presses the start button and the layer is lifted, squared, and placed on the pallet stack automatically.



Maximize production

- Counterweighted and frequency-driven elevator table removes load stress from the drive motor, ensuring smooth transport and longer motor life
- Stainless steel, tapered stripper plate ensures stable transfer of layer onto load
- Elevator table is supported by crossbar reinforcing beams to reduce case friction and eliminate table load stress



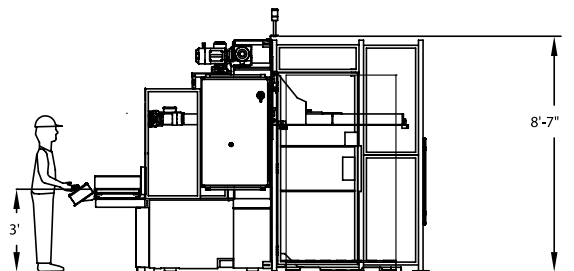
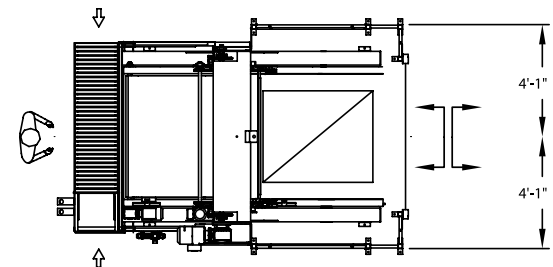
Square layers for secure pallet loads

A rear layer retainer plate and two side layer squaring plates ensure that the layer is centered on the pallet. The layer is held firmly to retain it squarely during the deposit cycle.

A low friction roller transfer table is available to allow easy handling of heavy and shrinkwrapped cases.



- Low level operation
- Compact size for easy installation
- PLC-equipped
- Easily upgraded to automatic operation



C-126-5/18

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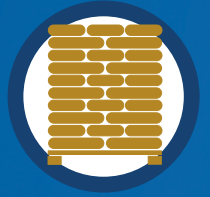


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811 Live Oak Street, Tarpon Springs, FL 34689 • 727-937-5144 • Fax 727-938-1239 • www.abcpackaging.com



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Machine guarding removed for photo

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