



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



PALLETIZING



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

## 72 series Palletizers

Low level palletizers that achieve new heights of performance.

- Workhorse machines with high or low level infeed
- Compact footprints offering easy access
- Palletize cases, trays, totes, bundles

# Low level 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 72AG 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.*

#### **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 cases, trays, totes, bags and bundles, 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.



#### **Multiple infeed options**

Many infeed options are available to ensure proper orientation, row and gap configurations

#### **Models to meet your needs**

**Model 72A** Simple, reliable palletizer for speeds to 3 layers/minute

**Model 72AE** For increased palletizing speeds with an extended accumulation table for continuous product grouping

**Model 72AG** Speeds to 4 layers/minute with an automatic grouping module for accumulation during layer transfer

**Model 72AH** Built to handle heavy palletloads with custom rollerball accumulation table and reinforced construction

Also available, semi-auto palletizers and bag palletizers.



#### **Positive product transport**

Product loads are moved to the pallet by dual chain-driven transfer mechanisms (72A), or powered overhead transfer (72AG) for optimized speed for every application.



#### **Automatic compensation for product load variations**

The self-adjusting layer retainer sweep bar keeps layers square and secure, regardless of product load variations.

#### **Ultra-smooth layer transfer**

The tapered, reinforced stainless steel transfer table is designed for smooth transfer of all products including shrinkwrapped product loads.



#### **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 Palletizer Accessories

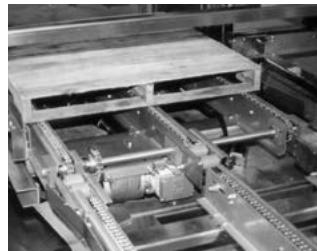
## Pallet Dispensing



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



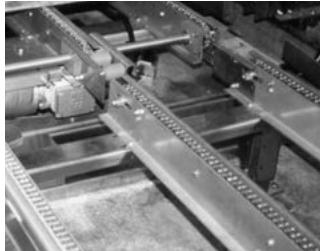
Overhead turner

## Roller Table



Roller conveyor for heavy products

## 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 case orientation devices including turning wheels and pop-up blade stops
- Layer squaring devices
- Pallet dispenser
- Bottom slip sheet dispenser
- Automatic case panel 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

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.

