A-B-C 72A Automatic Low-Level Palletizer

At a Glance

- Low-level palletizer for cases, trays or totes
- Low-level palletizer design is easy to install and maintain
- Accepts cases from low- or high-level infeed palletizing
- PLC control provides flexibility and simple operation for palletizing

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Palletizer for Cases, Trays or Totes Features Low-Level Construction

The A-B-C 72A low-level automatic palletizer offers top reliability and flexibility with efficient floor-level operation for reduced operating costs.

This palletizer handles cases, trays, display packs and totes with features for ultra-smooth product transfer and perfect load positioning. The A-B-C 72A delivers square pallet loads for efficient transport. With one-touch control and rapid product changeover, this machine is an industry-leading palletizing solution.

Machine Features

Rugged machine construction for long-term reliability.
Floor level palletizing with low-, medium-, or high-level product feed.
Energy efficient operation.
Open design for high visibility with full machine guarding.

Benefits

Economical Floor-Level Palletizer: While this palletizer operates at floor level, it accepts cases from any level. So you can enjoy the benefits of low level operation with low, medium or high level case feed. The clean, open construction and floor level access points of this palletizer simplify routine maintenance. On-floor operation allows plant personnel to monitor palletizer operation while performing other tasks.

Touch Screen Operator Panel: The color display shows real-time operating data and allows independent

operation of all palletizing functions, diagnostics, and changeover settings. It provides an easy to follow sequence for auto and manual functions, and auto-setup for daily, shift or batch runs. Preventive maintenance messages automatically alert the operator for periodic or routine maintenance.

Palletizer Features Positive Load Transfer: Designed for reliable and powerful load transfer, the 72A palletizer features a mechanical row pusher bar with a dual chain drive. It utilizes a counterweighted elevator table to ensure stable product transfer and eliminate stress on the drive motor, for longer motor life. The vertical transport is powered by a variable frequency motor drive, which eliminates shock to the product by providing a soft start and stop during load transport.

Angled, Reinforced Transfer Table Ensures Effortless Layer Transfer: The stainless reinforced elevator table is designed for the long haul. The heavy gauge stainless transfer plate is supported by crossbar reinforcing beams, reducing case friction and eliminating table load stress for case palletizing.

Pre-Programmed Product Feed and Orientation for Smooth Operation: The automatic infeed timing belt controls case spacing and infeed for proper orientation, row and gap configuration.

Features to Ensure Efficient Case Transport to Palletizing: The self-adjusting layer retainer sweep bar on the 72A palletizer compensates for case load variations, to ensure a positive sweep for every load. It automatically centers each layer on the pallet, eliminating additional adjustments during changeover.

Designed for Your Palletizing Needs Today and in the Future: While each palletizer is pre-programmed for unit sizes and pallet patterns to accommodate your current requirements, it is easy to add new configurations and patterns at the operator console. A complete selection of product infeed and pallet discharge alternatives are available, as well as many orienting and accumulation options for palletizing.

Options

Custom case orientation devices including turning wheels and pop-up blade stops.
Layer squaring devices.
Automatic pallet handling/dispenser.
Bottom 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 shrink-wrapped products.

Machine Specifications

High Performance Features:
Heavy steel frame construction, 7 gauge, 3/16" steel, welded and bolted for strength
Automatic infeed timing belt
Turning post and powered roller case orienter
Electro-mechanical dual chain-driven layer pusher bar
Stainless steel, reinforced elevator table with gravity design and tapered stripper plate
Maximum tier weight 650 lbs.

Features for Reliable Operation:
Counterweighted elevator table
Adjustable guard rails on elevator table
Allen-Bradley PLC

IEC motor starters
Variable frequency motor drives

Reduced Maintenance Features:
Quick disconnect non-contact sensing devices with LED indicators
Non-contact sensors monitor machine operation
Sealed bearings throughout
Touchscreen control for machine jog, diagnostics, troubleshooting, changeover settings
Elevated beacon fault light
Modem for remote diagnostics and new layer pattern programming

A-B-C Intelligent Control:
PLC electronics for precise control of machine operation
Pre-programmed case size and pallet layer configurations
Standard fault detection features

Touchscreen Control Panel:
Set-up for daily, shift or batch runs
Simple sequence for auto/manual functions
Diagnostic status report screen
Input/output machine status
On-screen case counter

Please contact Pro Pac or call 888-318-0083 for your palletizing equipment.