



Professional Packaging Systems

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A-B-C 108HL High-Level Bulk Depalletizer



At a Glance

- Floor level operation with high-level container discharge
- Sweep-off depalletizing
- Proprietary top and secondary layer squaring devices provide maximum container stability
- Operator control center provides simple operation and changeover

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.

High-Level Bulk Depalletizer with High-Level Container Discharge

The A-B-C 108HL bulk depalletizer is a reliable solution for packagers who need high-level or ceiling-height container discharge.

This depalletizer offers all the benefits of high-level bulk depalletizing with the simplicity and convenience of a floor-level machine, with an on-floor control station that makes it easy to manage operation and review line data. Designed with innovative features to maintain total bottle control from the pallet to the discharge table, and built for long-term production, this A-B-C 108HL depalletizer is an industry-leading solution for bottle handling productivity.

Machine Features

Run glass and plastic bottles, metal cans and composite containers on one machine.

Changeover requires no tools or change parts.

Multiple features to ensure optimum container stability.

Efficient design and quality production features ensure reliable, high-volume operation.

Benefits

Quality Production Features: This depalletizer is built with a channel steel frame with welded and bolted construction that eliminates vibration and ensures long machine life. It features 1-1/4" solid shafts on the pallet conveyor and sweep bar drive units, and 1-1/2" elevator table drive shaft for strength. Heavy-duty industrial roller chain carries the elevator table. These efficient design and quality production features

ensure high volume, reliable operation.

Versatile for Many Applications: This depalletizer runs plastic, glass, aluminum, steel and composite containers interchangeably, with no optional change parts required. It can handle loads up to 110" high.

Secondary Layer Secured to Maintain Pallet Integrity: As the primary layer is swept from the pallet, the secondary layer is secured on all four sides by pneumatically controlled steel friction plates. Below, the tier sheet is held in place by grippers that hold it securely during sweep off.

Top Features Ensure Optimum Container Stability: The sweep carriage that transfers containers from the pallet to the transfer table has four containment devices to ensure bottle stability; two adjustable side plates, a rear sweep bar, and front support bar. The precision chain and sprocket sweep mechanism provides long-term reliability and is proven in hundreds of installations worldwide. The elevator table is guided by 8-point location roller bearings and is counterweighted for smooth vertical operation to maximize container stability.

Sweep Gap Eliminated to Keep Bottles Stable from Pallet to Discharge: The motorized support bar travels with the bottle load during sweepoff, to prevent friction from causing bottle instability. The support bar is adjustable to ensure complete bottle containment throughout transfer.

Choose Your Level of Automation: Many optional features are available to extend depalletizer automation, including an empty pallet stacker, picture frame and slipsheet remover, full pallet conveyor, and container single filer.

Options

Picture frame and slipsheet remover / stacker.

Empty pallet stacker.

Powered full pallet feed.

Machine Specifications

High Performance Features:

Heavy steel frame construction, welded and bolted for strength

Mechanical primary and secondary layer squaring before sweep-off

Electro-mechanical dual chain-driven sweep bar

Automatic container height detector

Four side containment devices on sweep carriage: adjustable side plates, rear sweep bar and front stabilizer bar

Stainless steel, reinforced transfer table with tapered stripper plate

Features for Reliable Operation:

Counterweighted elevator table

Adjustable guard rails on elevator table

Programmable logic control of operation

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

A-B-C Intelligent Control:

PLC electronics for precise control of machine operation

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

Please [contact Pro Pac](#) or call 888-318-0083 for your palletizing equipment.