



Professional Packaging Systems

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Contact

Our Packaging Experts
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A-B-C 101 Pick & Place Decaser

At a Glance

- Pick & place decaser for glass or plastic containers, cans or cartons
- High-volume operation in a small footprint machine
- Wide speed and container range

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.



Unpacker for Glass or Plastic Containers, Cans or Cartons

Achieve gentle, no-drop packing of all container styles with this A-B-C 101 pick and place packer. Its smooth robotic packing action ensures maximum bottle stability when packing lightweight plastic containers, protects glass integrity when packing bottles or jars, and provides no-impact handling of heavy containers. From the machine frame to the gripper assemblies, to the bottle handling components, all are top quality and built for dependable, long term operation, and production proven for top performance. Offering low maintenance and quick changeover, this packer is a top choice for many applications.

Machine Features

- Gentle product handling and precise operation
- Pack glass or plastic, cans or cartons
- Intelligent control for accurate placement
- Improved bottle stability when handling lightweight plastic containers
- Reduced risk of breakage when handling glass
- Precise handling of heavy, industrial-sized containers

Benefits

Robotic, Pick-and-Place Case Packing Operation Ensures Gentle Handling: Containers are not dropped, but are gently lowered to the bottom of the case, providing:

- Improved bottle stability when handling lightweight plastic containers

Reduced risk of breakage when handling glass
Gentle handling of heavy, industrial-sized containers

The pick and place operation is servo-driven for precise container placement without label damage or container scuffing. Offers packagers the option to use thin-wall containers without sacrificing packaging performance

Intelligent Control for Top Performance: Non-contact sensors monitor decasing operation, providing instant response to changing conditions. All machine actions are controlled by PLC for precise operation. Robotic uncasing head is programmed to travel the shortest path from conveyor to case and back, for maximum speed and efficiency.

Unique Features to Ensure Gentle Product Handling: Containers are firmly controlled from conveyor to case, utilizing a variety of container grippers depending on the product. This case packers gripping mechanisms space the containers during transfer to accommodate case partitions and ensure smooth packing with no bottle contact.

Designed for Quick Changeover: Changeover is a simple three step process: adjust or replace container gripper assembly, slide product guide rails to accommodate the new containers, and select the new container on the control panel.

Gentle Container Handling: After all four flaps are automatically opened, the case is conveyed upward and the containers glide to the transfer table. They remain in their pack pattern, spaced and separate, until single filed with minimum container contact. This technique reduces the risk of breakage when running glass, and minimizes the risk of downed bottles when running lightweight plastic.

Machine Specifications

Standard Features:

- Heavy gauge steel frame construction
- SEW Eurodrive motor for main horizontal movement
- Allen Bradley servo motor for vertical head movement
- Intelligent control (PLC) of all machine functions
- Color touchscreen control panel – allows manual operation of all functions
- Variety of container handling options: pneumatic, vacuum or mechanical grippers, depending on product characteristics

Reduced Maintenance Features:

- Solid state proximity sensors with quick-disconnect fittings
- Photo eyes with background suppression
- Elevated beacon fault light

Specifications:

- Electrical: Primary 460v, 60hz, 3ph, NEMA 12
- Air: .7 scfm per case at 75 psi

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