



Professional Packaging Systems

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A-B-C 400HS High-Speed Hot Melt Adhesive Case Erector



At a Glance

- Servo sealing ram for increased sealing speed
- Seal with adhesive
- 10 – 40 cases per minute

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.

Adhesive Seal Cases Up to 40 per Minute

The A-B-C 400HS case erector is a powerful addition to your packaging line that combines production-proven features with advanced technology to provide top speed and precision. Built for the demands of high-speed lines, this machine has a high-grade, heavy steel frame that is welded and bolted for strength and fitted with top quality components throughout. Delivering top productivity and low cost of ownership, this case erector will provide years of reliable service on the packaging line.

Machine Features

Designed to run out-of-spec corrugated, warped KDs, and high recycled content cases
Dependable production for erecting cases to 40 cpm
Features to accommodate warped and band-marked cases
Servo sealing ram ensures top precision and square, well-sealed cases
Seals cases with hot melt adhesive

Benefits

Intelligent Machine Control Simplifies Setup and Diagnostics: Case selection is easy and intuitive at the touchscreen control center. Simply choose the case size and speed and you're done. The color display shows real-time operating data and allows independent operation of all functions, diagnostics, and changeover settings. Simple, step-by-step sequences simplify set up and operation. Non-contact sensors monitor machine operation and ensure precise timing of each operating sequence.

Knockdown Magazine Eliminates Lifting and Allows More Time between Refills: No more lifting heavy cases! This ergonomic, floor level magazine eliminates a potential source of liability found in mid and high level case magazines. The standard high capacity magazine holds three stacks of cases, giving your attendant more time between refills. Knockdown stacks feed automatically and cases can be added at any time. An extended magazine is also available.

Top Feed Magazine Runs Warped and Band-Marked Cases: This case erectors top feed magazine design eliminates back pressure that can cause misfeeding in vertical feed magazines. Cases are lifted by dual, springloaded grippers that self-adjust to lift cases from uneven stacks caused by warp or band marks.

Complete Control for Case Opening: At the opening station, cases are gripped from below as the reciprocating arm pulls them open. This dual pullback system is forgiving to cases with poor manufacturer's joints and positively opens doublewall styles. The automatic blowback system keeps air lines clean.

Case Opening on Outer Flap Ensures Smooth Inner Flap Closing: A-B-C's vacuum case opening technology smoothly opens even warped and bent cases, unlike pin-style openers which require straight corrugated flutes for proper operation. Over-opening the case on the flaps ensures successful inner flap closing, even when running cases with out-of-spec manufacturer's joints.

Adhesive Sealing Ram Squares Cases: This case erectors adhesive sealing compression mandrel has a unique design with stationary lugs that square the case during sealing. Soft-glide compression ensures secure sealing with less stress.

Positive Case Discharge to Takeaway Conveyor for a Continuous Case Flow: All standard 400 case erector models include a stationary discharge chute that uprights and feeds cases from the machine exit to the conveyor for a constant case feed to your line.

Options

Magazine extensions for additional capacity

CSSC case capability

Repeatable position indicators on adjustment shafts

Machine Specifications

High Performance Features:

Heavy steel, box-style frame construction

All-mechanical main drive

High capacity vacuum system

Direct drive walking beam case transfer

High speed case indexer and servo-controlled sealing ram as standard features

High efficiency motors

Features for Reliable Operation:

A-B-C's Intelligent Control electronics provide total control of operation

Low level case magazine holds 3 stacks of cases (approx. 300 kd's) eliminating frequent refills

Automatic case feed from top of stack by dual floating grippers to smoothly feed warped or band-marked cases

Dual top and bottom vacuum grippers that over-open cases ensuring proper opening of cases with poor manufacturer's joints

Reliable walking beam case transfer

Self-lubricating air cylinders

Hot melt machine can be converted to tape sealing / tape machine can be converted to hot melt sealing

Reduced Maintenance Features:

Proximity sensors with quick disconnect

Sealed bearings throughout

Gull-wing style high visibility machine doors allow easy machine access

Touchscreen control for machine jog, diagnostics, troubleshooting, changeover settings

Case discharge back-up eye for surge control

Elevated beacon fault light

Variable Speed Capability:

Up to 40 cases per minute (dependent on case sizes)

Speed ramps up and down to suit line speed- all settings (including adhesive application) are automatically adjusted as speed changes

Soft Stop - quits operation without dumping air

Cycle stop - cycles out all cases before stop

Main drive jog function

Manual operation of all functions including glue test

Standard Fault Detection Features:

No/low air pressure

Downstream case backup

Case magazine is empty or low

Guard door opened

Case did not open properly

Emergency stop activated

Motor overload

Encoder or coupling malfunction

Individual sensor malfunction

Minimum speed fault

Fault alarm history record

Specifications

Case range: RSC and HSC cases

Electrical: Primary 230 or 460v, 60hz, 3ph, NEMA 12

Air: 0.75 scfm per cycle at 80 psi

Speed: Up to 40 cases/minute

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