



Professional Packaging Systems

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Contact

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A-B-C 340 Oversized Case Erector



At a Glance

- Case erecting for oversized cases
- Seal with adhesive or tape
- 10 – 30 cases per minute

Buy your corrugated cases from us, and get a discount on this A-B-C case erector!

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.

Case Erector for Large Cases

The A-B-C 340 large-case erector is built tough, with a heavy steel frame, packed with rugged components that handle large knockdown blanks at top production speeds. This erector's PLC controller provides unprecedented control of line performance with data easily accessible at the operator station. Proven in plant production dependably erects, squares, and seals large cases at top speeds for maximum performance on your line.

Machine Features

- Run knockdown blanks up to 45" long x 42" wide
- Easy load, low level case magazine
- All mechanical drive
- Rapid changeover with no tools
- Seal with adhesive or tape

Benefits

A-B-C Intelligent Control Ensures Precise Operation: Intelligent Control takes PLC logic one step further, to provide unprecedented control of line performance. Closed loop position feedback ensures precise timing of each operating sequence, utilizing non-contact sensors to provide input. The touch screen display provides real-time operating data, and allows independent operation of all functions, diagnostics, and changeover settings.

Easy Load Case Magazine with Positive Indexing: The high capacity kd magazine holds up to two case stacks, and automatically indexes each stack into position to provide a continuous case supply with minimum operator attention. Cases are indexed with a combination gripper/sliderail system that is

designed to accommodate out-of-spec corrugated and smoothly handles large, heavy cases.

Reliable, Case-Squaring Mechanical Transfer: The mechanical walking beam transfer bars are mounted on synchronized transfer chain. This design provides additional squaring action as cases travel from erecting through sealing.

Positive Flap Folding: The major case flaps are gripped firmly as the heavy-duty rear flap tucker folds the inner flap, ensuring efficient flap folding and sealing. The continuous motion main drive powers the walking beam case transfer that squares cases as they travel. The main drive has a sealed bearing linkage that ensures high speed performance for the long haul.

Servo-Powered Sealing Ram (Adhesive Sealing): A servo motor powers the sealing compression ram to provide full compression on every case and ensure a secure seal during high speed production. 2" or 3" wide tape applicator head (tape sealing).

Shock-Absorbing Case Sealing and Squaring Ram: The case compression mandrel is equipped with shock absorbers to eliminate machine stress, to reduce maintenance and ensure long machine life.

Tape Sealing Case Range

Knockdown:

Length: 14" - 45"

Width: 12" - 45"

RSC and HSC:

Length: 8" - 26.75"

Width: 6" - 22"

Height: 4" - 24"

Adhesive Sealing Case Range

Knockdown:

Length: 14" - 45"

Width: 12" - 45"

RSC and HSC:

Length: 8" - 25"

Width: 6" - 22"

Height: 4" - 24"

Options

Magazine extensions for additional capacity

Motorized automatic adjust for changeover

Machine Specifications

High Performance Features:

Heavy steel box frame construction- welded and bolted for strength

All-mechanical main drive

High capacity vacuum system

Direct drive walking beam case transfer

Features for Reliable Operation:

A-B-C's Intelligent Control electronics provide total control of operation
Low level case magazine holds 2 stacks of cases 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

Reduced Maintenance Features:

Non-contact sensors monitor machine operation
Sealed bearings throughout
Gull-wing style high visibility machine doors allow easy machine access
Touchscreen control for machine jog, diagnostics, troubleshooting, changeover settings
Back-up eye for surge control
Elevated beacon fault light

Variable Speed Capability:

10-35 cases per minute
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:

Downstream case backup
No/low air pressure
Guard door opened
Case did not open properly
Motor overload
Encoder or coupling malfunction

Specifications

Case range: RSC and HSC cases
Electrical: Primary 230 or 460v, 60hz, 3ph
Air: Adhesive: 1.12 scfm per cycle @ 80 psi
Air: Tape: .576 scfm per cycle @ 80 psi
Speed: Up to 30 cases per minute

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