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A-B-C 400T High-Speed Tape Sealing Case Erector

At a Glance

- PLC control for precise operation
- Seal with tape
- Up to 35 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.

Tape Seal Cases Up to 35 per Minute

Starting with this erector's heavy steel frame, the A-B-C 400T high-speed tape sealing case erector is built with production features that ensure reliable, long term operation on the packaging line. Its powerful, continuous-motion drive speeds through case forming and sealing and the walking beam case transfer squares cases as they travel. Built for real-world production, this erector has features that accommodate poor corrugated material and keep on running.

Combining top productivity and low cost of ownership, this powerful case erector will be a solid addition to your packaging line.

Machine Features

Designed to run out-of-spec corrugated, warped KDs, and high recycled content cases
Erect and tape seal cases to 35 cpm
Low level magazine- load KDs with no lifting
Tape roll replacement is quick and easy
No tools changeover

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

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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.

No-Tool 5 minute Changeover: Changeover for the full case range is completed without tools, using rapid adjust hand cranks and slides with locking handles.

Options

Magazine extensions for additional knockdown blank capacity
Gull-wing style high visibility machine doors
CSSC case capability
Repeatable position indicators on adjustment shafts
Low tape-No tape sensors ensure quick roll replacement and eliminate tape head rethreading

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 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

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Tape machine can be converted to hot melt sealing / hot melt version can be converted to tape 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 35 cases per minute (dependent on case sizes)
Speed ramps up and down to suit line speed- all settings 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

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: 0.576 scfm per cycle at 80 psi
Speed: Up to 35 cases/minute

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

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