



**A-B-C PACKAGING
MACHINE CORPORATION**



CASE ERECTING



Model 335 Case Erector

Here's a multi-purpose tablock case erector / bottom sealer that delivers higher speeds, a wider case range and a larger case magazine.

- Run RSC Tablock, RSC, HSC and CSSC style cases
- Tablock bypass feature for complete flexibility
- Built for reliable, nonstop performance

A multipurpose case erector for your changing needs



Shown with optional subframe with casters for portability

Here's a case erector that understands your real world production demands. It gives you higher speeds, a wider case range, a larger case magazine, and top flexibility to run many case styles. All of this in a compact machine. It's built with A-B-C quality and craftsmanship to assure years of top performance from your packaging line.

We've enhanced our proven design with PLC electronics that control operation, document performance and take the guesswork out of diagnostics. All linked to touch screen controls designed by our customers with the user features they prefer.

Built for production

This case erector is designed to prevent downtime even if you are running less than perfect cases.

- Cam-operated opening arm "over opens" cases for smooth flap folding of even out-of-spec cases
- Walking beam case drive squares the case as it is transferred
- Major flaps are closed against a horizontal "tongue" that squares the case and prevents flap overlap
- Case sealing ram has squaring lugs at each corner that hold the case square as the adhesive sets

Reliable mechanical operation

The Model 335 runs at speeds to 30 cases per minute on a continuous motion, all-mechanical drive system. The machine can run at a set speed or variable speed to automatically adjust to line fluctuations.

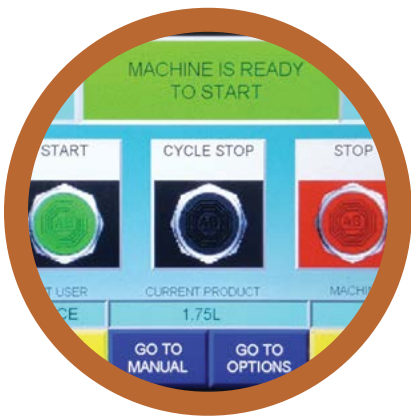
During operation, each case blank is positively fed from the magazine by slide bar case transfer. It is opened with a cam-operated opening arm, and transferred through flap closing, gluing and compression by a walking beam case transfer. Each case exits the erector square and sealed, ready for case packing.

Seal many case styles:

- Regular Slotted Case (RSC)
- RSC Tablock Case (Nuna Flap)
- Half Slotted Case (HSC)
- All Flaps Meet (AFM - CSSC)

5 minute changeover

Changeover is easy using rapid adjust hand cranks and slides with locking handles. Automatic changeover with motorized adjustment is also available.



Intelligent machine control

- PLC / electronic control is standard equipment on the Model 335
- PLC with encoder uses closed loop position feedback to ensure precise operation
- Speed adjust automatically matches machine speed to line speed
- Touch screen display offers all operating data:
 - All PLC input/output status
 - All PLC internal program status
 - Running case count
- All functions may be operated independently from touch screen, for set-up or diagnostics
- Non-contact sensors monitor machine operation - with background suppression/marginal indication if sensors become dirty or misaligned
- All settings are stored on EEPROM memory chip allowing easy return to original settings
- Adhesive application is set for case dimensions, and automatically adjusts as speeds change

Compact design

With the extended auxiliary magazine and tablock module, the Model 335 is just 19 feet long, making it 30% smaller than other high speed tablock erectors.

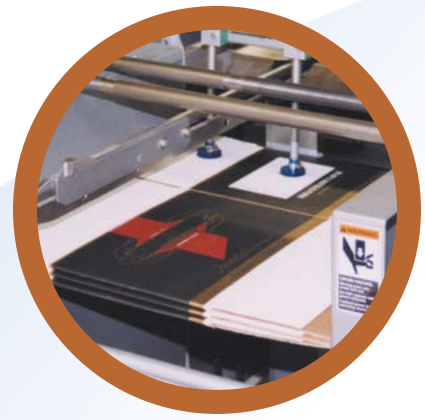


KD magazine eliminates lifting

No more lifting heavy cases—the ergonomic, floor magazine eliminates potential liability found in mid/high level case magazines.

Large capacity magazine for more time between refills

The standard high capacity magazine holds three stacks of cases. KD 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

The top feed magazine design eliminates back pressure that can cause misfeeding in vertical feed magazines. Cases are lifted by dual, spring-loaded grippers that self-adjust to lift cases from uneven stacks caused by warp or band marks.

After cases are lifted from the stack, the sidebar positively indexes them to the opening station.



Simple tablock flap opener with bypass

This innovative tablock opening device folds the flaps smoothly without stress on the tabs that can cause tearing or release. Far superior to rod-style tablock folders, this flap folder is accurate, reliable and proven in high speed production.

When you're not running tablock cases, the cases simply bypass the tablock opening section—no change parts or downtime required.



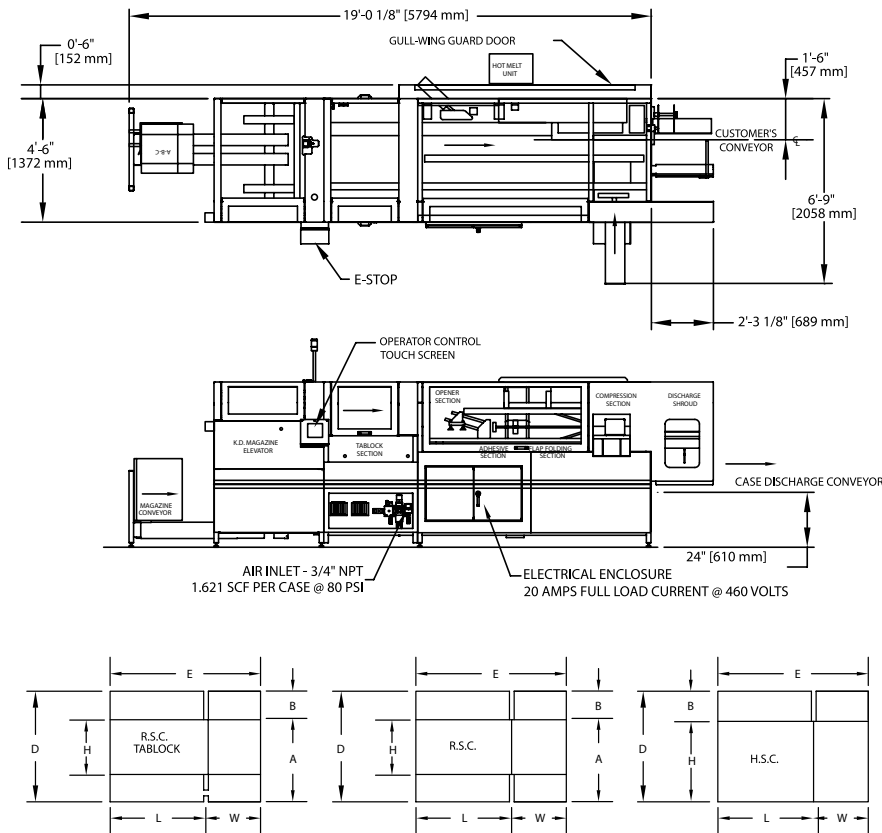
Cases squared during transfer

Motorized walking beams positively transfer and square cases during transfer from opening through tape or adhesive application, ensuring that well-formed, square cases are sent to your packer.

Adhesive sealing mandrel squares cases

The adhesive sealing compression mandrel has stationary lugs that square the case during compression, and soft-glide operation provides smooth and secure adhesive sealing.

Model 335 Tablock case erector



Standard features include:

- NEMA 12 Electrical components with 24 volt controls
- Rapid changeover, tablock bypass
- Air regulator / filter / water eliminator accommodates unclean air and prevents air valve damage caused by moisture in air lines
- High capacity, low level loading case magazine
- Simple hand cranks and locking slide handles for rapid changeover
- Heavy gauge steel frame
- Sealed bearings
- Self-lubricating air cylinders
- Continuous motion main drive for reliable performance
- Electronic variable speed drive system
- Electronic solenoid valve package

Optional features:

- Major flap memory relaxer for seal-afterpack operations
- Locking swivel casters for portability
- Repeatable position indicators on adjustment shafts

Specifications:

Electrical: Primary 220, 440v, 60hz, 3hp

Machine dimensions: 19' L x 4' 6" W x 6' 4" H

Weight: 3,000 lbs.

Speed: Up to 30 cases / minute

Case range: RSC, RSC Tablock cases, HSC, CSSC

RSC Tablock

	MIN	MAX
L	7"	21"
W	7"	16"
H	7"	14"
A	10-1/2"	22"
B	3-1/2"	8"
C	3"	10"
D	14"	28"
E	14"	34"

RSC

	MIN	MAX
L	7"	22-3/4"
W	7"	16"
H	3"	15"
A	5-1/2"	22"
B	3-1/2"	8"
D	9"	29-1/2"
E	14"	36"

HSC

	MIN	MAX
L	7"	22-3/4"
W	7"	16"
H	5-1/2"	22"
B	3-1/2"	8"
D	9"	29-1/2"
E	14"	36"

All information in this brochure was current at time of printing, however, in the continuing effort to improve the quality and construction of A-B-C machines, we reserve the right to make changes without notice. Guards may be opened or removed for photos shown.

C-094-12/17



**A-B-C PACKAGING
MACHINE CORPORATION**



ERECTORS



PACKERS



SEALERS



PARTITIONERS



PALLETIZERS



DEPALLETIZERS



DECASERS

811 Live Oak Street, Tarpon Springs, FL 34689 • 727-937-5144 • Fax 727-938-1239 • www.abcpackaging.com