



SWF CE (420T/425G)

Case Erector



The SWF brand of Case Erectors (CE 420T (shown above) and CE 425G) automatically select, erect, square, and seal the bottom flaps of regular-slotted (RSC), and half-slotted (HSC) corrugated cases. The CE 420T seals cases with tape and is designed for speeds up to 20 cases per minute. The CE 425G seals cases with a predetermined glue pattern and designed for speeds up to 25 cases per minute. Speeds dependent upon the model configuration and case size.

SWF CE 420T/425G Case Erectors

The CE 420T and CE 425G are equipped with a 6' right-angle magazine, a powered magazine that automatically indexes the next stack of cases into position after the previous stack has been depleted is available as an option. Our unique case selection system, which selects one case at a time from the top of the stack, enables the machine to handle warped board and other corrugated variations.

Oposing vacuum cups in the erecting station allow the machines to separate the case as it is being erected, thereby effectively breaking the score lines and any possible over-glued manufacturer's joint.

To operate the case erectors, a stack of cases is placed in the case magazine. Vacuum cups select a case from the top of the stack and index it to the erecting station. Once in the erecting station, the case is opened and erected using the vacuum cup system. The front and rear minor flaps are folded inward 90° and then the major flaps are folded 90°.

The case is then transferred by a mechanical walking beam onto the top and bottom driven feed belts. The belts transport the case through the taping head (CE 420T), which applies tape to the leading panel approximately 2" (51mm) from the bottom. As the tape is applied, a series of two rollers and a brush "buff" the tape to ensure its adhesion to the case. The severed end remains secure in place and is applied to the leading panel of the next case in line. As the case leaves the taping section, the rear pressure rollers follow the trail end, applying final compression to the case. The CE 425G applies hot-melt adhesive to both minor flaps and then moves into compression for squaring the case.

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our SWF CE 420T & CE 425G Case Erectors can benefit your company.

Features

Oposing vacuum cups in the erecting station

Changeover in under 3 minutes

Maintenance free vacuum generators

Case flaps are pre-folded in a stationary position

Allen-Bradley PLC

Seals with polyester, PVC and polypropylene tapes (CE 420T)

Nordson hot melt glue system (CE 425G)

Specifications

Magazine Capacity

Up to 250 cases, depending on case size. Larger capacities are available with optional magazine extensions

Case Size Range

Length: 7" to 24"
(17.78 cm to 60.96 cm)
Width: 5½" to 16"
(13.97 cm to 40.64 cm)
Depth: 6½" to 24"
(16.51 cm to 60.96 cm)
includes top flaps

Electrical Requirements

240 VAC, 3-phase, 60 Hz standard
Other voltages available as options

Max. Current Draw: 10 Amps (240 VAC)
420T

Air Requirements

Operating Pressure: 60 psi (4.1 bar)

Line Pressure: 90 psi (6.2 bar)

Maximum Free Air Consumption:
15 SCFM @ 20 cases per minute