

It's About the Case

Square Cases! No Jams!

Square cases are the key to successful secondary packaging. Lantech Case Erectors are the key to square cases.



Tape Version Shown
Also Available as Hotmelt Version

Why Square Cases Matter

Square cases pack better, stack better, and protect better. They provide the structural integrity to deliver the performance their designer intended.

Fact: cases lose 30% of their stacking strength if their sides are not aligned.

There are barriers to erecting square cases. Thinner corrugated, temperature and humidity changes, and variations in case blanks can cause cases to be “unsquared” or lead to machine jams.

Lantech Case Erectors overcome these barriers through precise case management and 100% control of cases throughout the entire erecting process, ensuring your cases perform as designed and are produced with maximum efficiency.

Square cases work better!



Multi Format Cartons

The weight and size of a case have a major impact on transport costs. It is therefore important to use the most efficient packaging possible to achieve the lowest shipping costs. Especially in an E-commerce and logistics environment, volume reduction is an important goal.

Lantech’s Multi Format Case Erector supports this by setting up and delivering the size of box required on demand. The case erector can be equipped with up to 4 blank magazines, depending on the number of case sizes required.

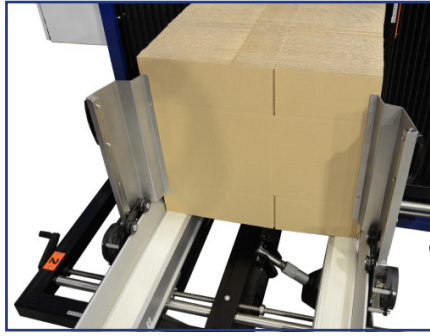


Precision + Control = Square Cases



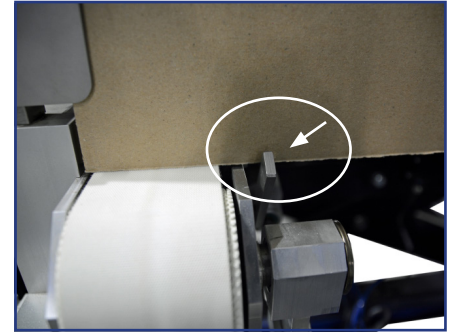
Ergonomic Blank Loading

Easy to load magazines. Replenish blanks while machine operates. Simple and fast magazine adjustments.



Blank Delivery Control

Powered belts precisely govern the delivery speed of the case blanks. Blank retainers ensure the blanks are spaced correctly.



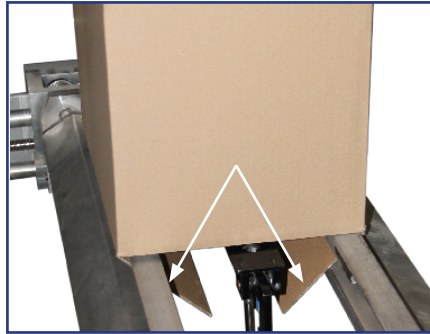
Blank Separation

Special separators release only the leading blank to the transfer unit and retain the following blanks.



Square Case Erecting

Eight vacuum powered suction cups hold the blank in the correct position after taken over from the transfer unit. Both leading panels are held securely.



Stationary Flap Folding

Once the case is square, it remains square by folding the flaps while it's stationary. This makes the case rigid and locks in the 90 degree angles.

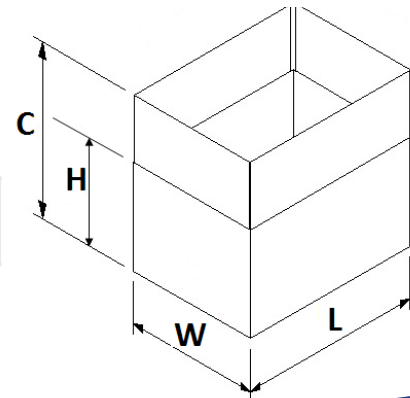
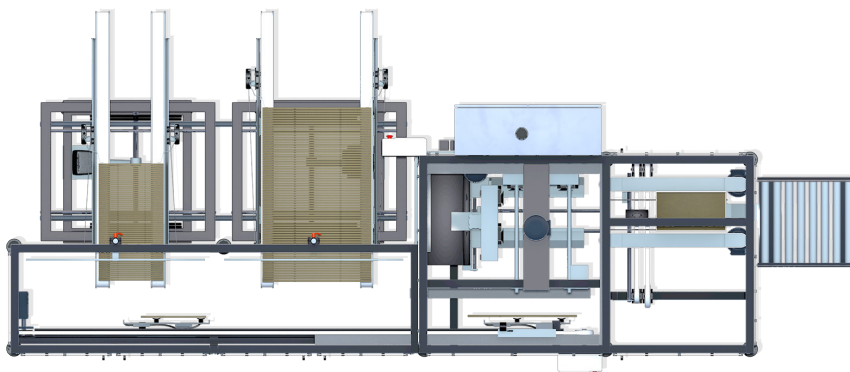


Square Case Transition

A pusher bar, parallel to the rear wall of the case, pushes it into the sealing section where spring-loaded side belts automatically adjust for any width variations.

Specifications

CRITERIA	MFC-1000 TAPE	MFC-2000 TAPE	MFC-1000 HOTMELT	MFC-2000 HOTMELT
Speed	10-18 cases per minute Options and application can change the speed	8-16 cases per minute Options and application can change the speed	10-18 cases per minute Options and application can change the speed	8-16 cases per minute Options and application can change the speed
Minimum Case Outer Dimensions	200 mm L x 150 mm W x 150 mm C (7 7/8" L x 5 7/8" W x 5 7/8" C)	200 mm L x 150 mm W x 150 mm C (7 7/8" L x 5 7/8" W x 5 7/8" C)	200 mm L x 150 mm W x 150 mm C (7 7/8" L x 5 7/8" W x 5 7/8" C)	200 mm L x 150 mm W x 150 mm C (7 7/8" L x 5 7/8" W x 5 7/8" C)
Maximum Case Outer Dimensions	500 mm L x 325 mm W x 520 mm C (19 5/8" L x 12 3/4" W x 20 1/2" C)	620 mm L x 450 mm W x 650 mm C (24 1/2" L x 17 3/4" W x 25 5/8" C)	500 mm L x 325 mm W x 520 mm C (19 5/8" L x 12 3/4" W x 20 1/2" C)	620 mm L x 450 mm W x 650 mm C (24 1/2" L x 17 3/4" W x 25 5/8" C)
Case Type	RSC, HSC, FEFCO 0200/0201	RSC, HSC, FEFCO 0200/0201	RSC, HSC, FEFCO 0200/0201	RSC, HSC, FEFCO 0200/0201
Flute Type	B, C, E	B, C, E	B, C, E	B, C, E
Wall Type	Single and Double Wall	Single and Double Wall	Single and Double Wall	Single and Double Wall
Standard Sealing Device	Lantech® TH-Series Tape Head	Lantech® TH-Series Tape Head	Robatech/Nordson	Robatech/Nordson
Dimensions - Machine	4345 mm L x 2030 mm W x 1980 mm H (171" L x 80" W x 78" H)	5070 mm L x 2030 mm W x 1980 mm H (200" L x 80" W x 78" H)	4345 mm L x 2030 mm W x 1980 mm H (171" L x 80" W x 78" H)	5070 mm L x 2030 mm W x 1980 mm H (200" L x 80" W x 78" H)
Weight - Machine	±925 kg (±2040lb)	±1025 kg (±2260lb)	±925 kg (±2040lb)	±1025 kg (±2260lb)
Electrical Service Choices	3L-PE-400V-50Hz-Neutral 230V, 3-ph, 60Hz, Wye w/Ground	3L-PE-400V-50Hz-Neutral 230V, 3-ph, 60Hz, Wye w/Ground	3L-PE-400V-50Hz-Neutral 230V, 3-ph, 60Hz, Wye w/Ground	3L-PE-400V-50Hz-Neutral 230V, 3-ph, 60Hz, Wye w/Ground
Pneumatics	6 Bar (80 PSI)	6 Bar (80 PSI)	6 Bar (80 PSI)	6 Bar (80 PSI)



*Right side outfeed flow version shown.
Left side flow version available.