Lantech®

TE-C Series

Tray Erector Rolled End Tray

It's About the Tray

Square Trays! No Jams!

Square trays are the key to successful secondary packaging. Lantech Tray Erectors are the key to square trays.

3 year warranty

Why Square Trays Matter

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

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

There are barriers to erecting square trays. Thinner corrugated, temperature and humidity changes, and variations in tray blanks can cause trays to be "unsquared" or lead to machine jams.

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

Square trays work better!

How Lantech Tray Erectors Make Square Trays

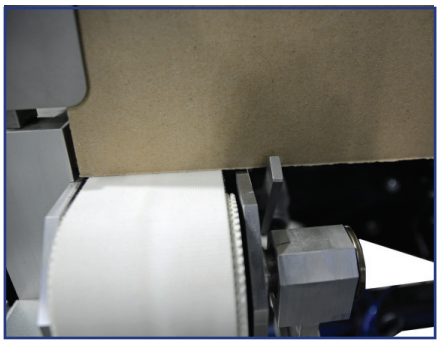
From the moment a blank enters the magazine until it exits the tray erector as a properly formed and 4 sides sealed tray, it is under complete control.

90^{O} Angles on all 4 sides!

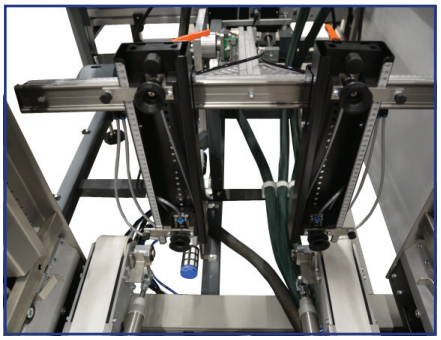
A unique pickup frame pulls the tray blank from the magazine and puts it into a horizontal position. Four snap-lock clips transport the blank to the forming position.
The blank will be forced through the forming unit, after which the roll end tray tabs will be simultaneous rolled over and locked on all sides. Finally the formed tray exits the machine.

Precision + Control = Square Cases

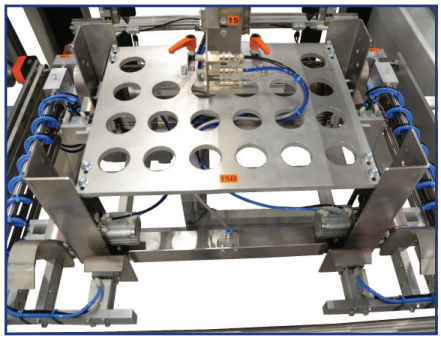
Blank Delivery Control
Powered belts precisely govern the delivery speed of the tray blanks. Blank retainers ensure the blanks are spaced correctly.



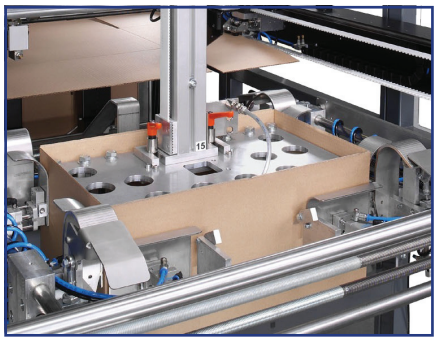
Blank Separation
Special separators release only the leading blank to the pickup frame and retain the following blanks.



Blank Pick-up
From the magazine a blank is taken with vacuum and put in position. Four snap-lock clips transport the blank to the forming head position.



Forming Unit
The folding unit is adjustable within a defined range, to be defined per project.

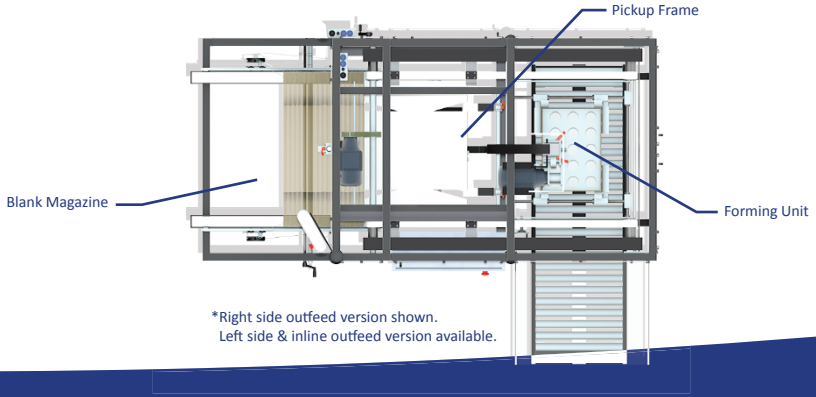


Square Tray Forming
While the blank is being pressed through the forming unit by the stamp, the roll end tray tabs will be simultaneous rolled over and locked on all sides.

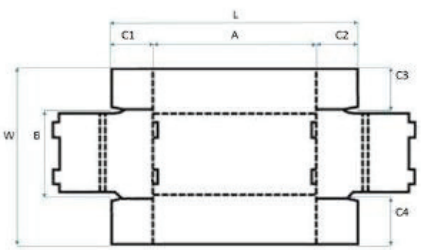
Flexible to Handle Different Tray Formats
Modular machine configuration to handle tray formats and shapes that meet your operational needs.

Specifications

CRITERIA	TE-C100	TE-C150	TE-C100-1 (fixed for 1 size)	TE-C150-1 (fixed for 1 size)
Speed	15 Trays per minute Options and application can change the speed	12,5 Trays per minute Options and application can change the speed	15 Trays per minute Options and application can change the speed	12,5 Trays per minute Options and application can change the speed
Minimum Tray Outer Dimensions	280 mm L x 200 mm W x 50 mm C (11" L x 7 9/10" W x 2" C)	280 mm L x 200 mm W x 50 mm C (11" L x 7 9/10" W x 2" C)	280 mm L x 200 mm W x 50 mm C (11" L x 7 9/10" W x 2" C)	280 mm L x 200 mm W x 50 mm C (11" L x 7 9/10" W x 2" C)
Minimum Tray Blank	360 mm L x 280 mm W (14 1/5" L x 11" W)	360 mm L x 280 mm W (14 1/5" L x 11" W)	360 mm L x 280 mm W (14 1/5" L x 11" W)	360 mm L x 280 mm W (14 1/5" L x 11" W)
Maximum Tray Outer Dimensions	600 mm L x 400 mm W x 100 mm C (23 3/5" L x 15 3/4" W x 3 9/10" C)	600 mm L x 400 mm W x 150 mm C (23 3/5" L x 15 3/4" W x 5 9/10" C)	600 mm L x 400 mm W x 100 mm C (23 3/5" L x 15 3/4" W x 3 9/10" C)	600 mm L x 400 mm W x 150 mm C (23 3/5" L x 15 3/4" W x 5 9/10" C)
Maximum Tray Blank	1000 mm L x 600 mm W (39 2/5" L x 23 3/5" W)	1000 mm L x 700 mm W (39 2/5" L x 27 3/5" W)	1000 mm L x 600 mm W (39 2/5" L x 23 3/5" W)	1000 mm L x 700 mm W (39 2/5" L x 27 3/5" W)
Tray Type	FEFCO 0452/0453	FEFCO 0452/0453	FEFCO 0452/0453	FEFCO 0452/0453
Flute Type	E	E	E	E
Wall Type	Single	Single	Single	Single
Standard Sealing Device	Mechanical	Mechanical	Mechanical	Mechanical
Dimensions - Machine	2730 mm L x 1780 mm W x 1800 mm H (107 1/2" L x 70" W x 70 9/10" H)	2730 mm L x 1980 mm W x 1800 mm H (107 1/2" L x 78" W x 70 9/10" H)	2730 mm L x 1780 mm W x 1800 mm H (107 1/2" L x 70" W x 70 9/10" H)	2730 mm L x 1980 mm W x 1800 mm H (107 1/2" L x 78" W x 70 9/10" H)
Weight - Machine	±725 kg (±1600lb)	±775 kg (±1700lb)	±725 kg (±1600lb)	±775 kg (±1700lb)
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 version shown.
Left side & inline outfeed version available.



Lantech North America • 11000 Bluegrass Parkway • Louisville, KY 40299 • USA • +502 815 9109
Lantech Europe • Sluisweg 20 • 6581 KA Malden • The Netherlands • +31 (0)485 751 760
Lantech Asia Pacific • 86 Wedgewood Road • Hallam, VIC 3803 • Australia • +61 3 9796 5275
Lantech China • Suit 13E2 Shanghai Industrial Investment Building • 18 Caoxi Bei Road • Shanghai 200030 • +86 21 6427 1962