

LA/LF-Series

Lid Applicator

It's About the Lid

Square Lids, No Jams!

Square lids are the key to successful secondary packaging. Lantech Lid Applicators are the key to square lids.



Why Square Lids Matter

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

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

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



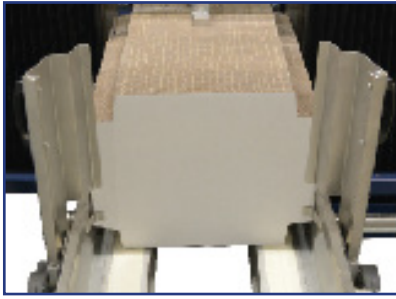
Lantech Tray Erectors overcome these barriers through precise tray management and 100% control of trays throughout the entire erecting process, ensuring your trays perform as designed and are produced with maximum efficiency.

How Lantech Lids Applicators Make Square Trays

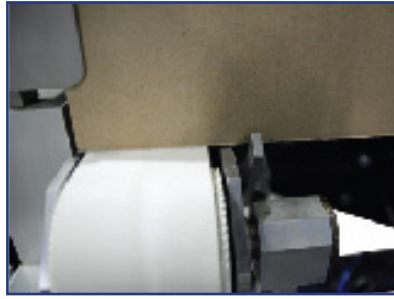
From the moment a blank enters the magazine until it exits the tray erector as a properly formed and 4 sides sealed tray, it is under complete control.

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. During this transfer glue is applied on the blank. The blank will be forced through the forming unit, after which the sides of tray blank will be simultaneous pressed on all sides. Finally, the formed tray exits the machine.

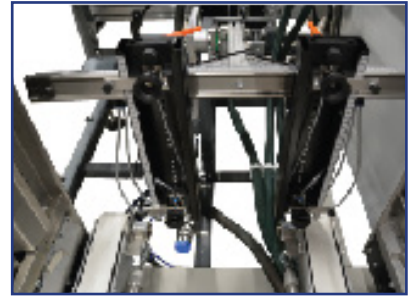
Precision + Control + Square Lids



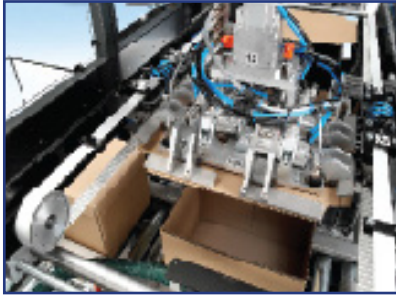
Blank Delivery Control
Powered belts precisely govern the delivery speed of the lid blanks. Blank retainers ensure the blanks are spaced correctly.



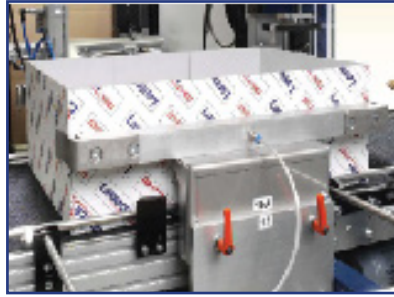
Blank Separation
Special separators release only the leading blank to the pickup frame and retain the following blanks.



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.



Adjustable Forming Unit
The long sides of the incoming tray are glued during infeed and are positioned and held in place by 2 brackets for accurate lid application. The lid is moved to the tray and the 4 flaps are folded 90° and glued on the tray.



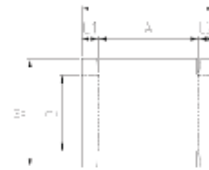
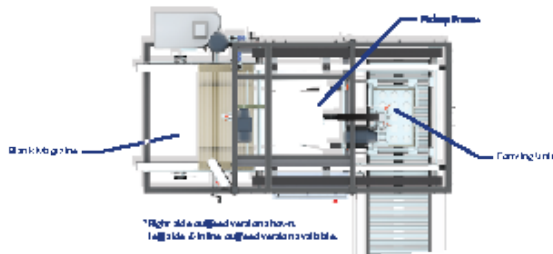
Square Lid Application
While the lid is being applied by the folding unit, the tray is held in a square position by 2 brackets for accurate lid application.



Flexibility to Handle Different Lid Formats
Modular machine configuration to handle lid formats and shapes that meet your operational needs.

LA/LF Standard Specifications - options available

SPEC ITEM	LA-1000	LF-1000	LF-200
Speed	18 Lids per minute Options and application can change the speed	15 Lids per minute Options and application can change the speed	18 Lids per minute Options and application can change the speed
Minimum Lid Outer Dimensions	285 mm A x 205 mm B x 40 mm C (11 1/5" A x 8" B x 1 3/5" C)	285 mm A x 205 mm B x 40 mm C (11 1/5" A x 8" B x 1 3/5" C)	320 mm A x 200 mm B x 40 mm C (12 3/5" A x 8 1/16" B x 1 1/2" C)
Minimum Lid Blank	365 mm L x 285 mm W (14 2/5" L x 11 1/5" W)	365 mm L x 285 mm W (14 2/5" L x 11 1/5" W)	400 mm L x 280 mm W (15 3/4" L x 11" W)
Maximum Lid Outer Dimensions	600 mm A x 400 mm B x 70 mm C (23 3/5" A x 15 7/10" B x 2 4/5" C)	600 mm A x 400 mm B x 70 mm C (23 3/5" A x 15 7/10" B x 2 4/5" C)	600 mm A x 400 mm B x 70 mm C (23 3/5" A x 15 7/10" B x 2 4/5" C)
Maximum Lid Blank	740 mm L x 540 mm W (29 1/10" L x 21 3/10" W)	740 mm L x 540 mm W (29 1/10" L x 21 3/10" W)	740 mm L x 540 mm W (29 1/10" L x 21 3/10" W)
Lid Type	FEFCO 0458/0452/0453	FEFCO 0458/0452/0453	FEFCO 0458/0452/0453
Flute Type	E,C,B	E,C,B	E,C,B
Wall Type	Single	Single	Single
Standard Sealing Device	Hotmelt	Hotmelt	Hotmelt
Dimensions - Machine	2900 mm L x 1480 mm W x 2000 mm H (114 1/5" L x 58 1/4" W x 79" H)	2900 mm L x 1480 mm W x 2000 mm H (114 1/5" L x 58 1/4" W x 79" H)	3370 mm L x 1570 mm W x 1800 mm H (132 3/5" L x 62 4/5" W x 70 9/10" H)
Weight - Machine	±725 kg (±1600lb)	±725 kg (±1600lb)	±1175 kg (±2590lb)
Electrical Service	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)



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TE Parcel Video



LA Parcel Leaflet



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