We complete the package

Lantech Case Erectors

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It's About the Case

Lantech
Automatic Case Erectors

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

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!

How Lantech Case Erectors Make Square Cases

90 degree angles on all four sides

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

A unique pickup frame pulls the case from the magazine and forces it to open so it is square. The flaps are folded before the case moves, making it rigid and locking in its "squareness."

A pusher bar, parallel to the rear wall, delivers it to spring-loaded side belts, which move in or out to compensate for variations in width, and carry it over the sealing device.

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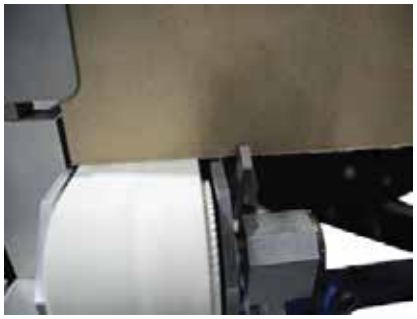
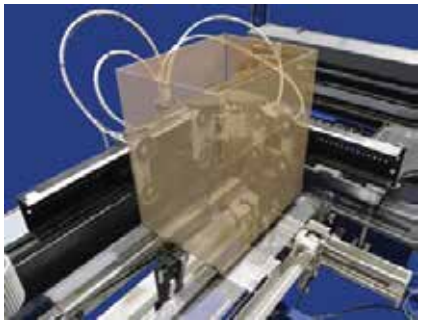
Precision + Control = Square Cases

Ergonomic Blank Loading
Easy to load magazine. 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 pickup frame and retain the following blanks.



Square Case Erecting
Eight vacuum powered suction cups hold the blank in the correct position after it leaves the magazine. 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.

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3 Year Warranty

Lantech C-300/C-400

Automatic Case Erectors

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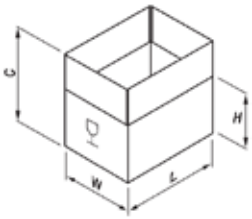

CRITERIA	C-300 TAPE	C-400 TAPE
Speed	10 cases per minute	8 cases per minute
Minimum Case Outer Dimensions	200 mm L x 150 mm W x 150 mm C (7 7/8" L x 5 7/8" W x 5 7/8" C)	200 mm L x 150 mm W x 250 mm C (7 7/8" L x 5 7/8" W x 9 7/8" C)
Maximum Case Outer Dimensions	500 mm L x 350 mm W x 600 mm C (19 5/8" L x 13 3/4" W x 23 5/8" C)	620 mm L x 450 mm W x 650 mm C (24 3/8" L x 17 3/4" W x 25 5/8" C)
Case Type	RSC, HSC, FEFCO 0200/0201	RSC, HSC, FEFCO 0200/0201
Flute Type	B, C	B, C
Wall Type	Single Wall	Single Wall
Standard Sealing Device	Lantech® TH-Series Tape Head	Lantech® TH-Series Tape Head
Dimensions - Machine	2140 mm L x 2235 mm W x 1600 mm H (84 1/4" L x 88" W x 63" H)	2310 mm L x 2375 mm W x 1600 mm H (91" L x 93 1/4" W x 63" H)
Weight - Machine	525 kg (1155 lb)	575 kg (1265 lb)
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
Pneumatics	6 Bar (80 PSI)	6 Bar (80 PSI)

E: sales@npp.ie
T: + 353 1 880 9299
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3 Year Warranty

Lantech C-1000/C-2000

Automatic Case Erectors

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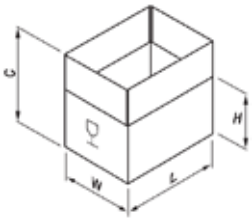

CRITERIA	C-1000 TAPE	C-2000 TAPE	C-1000 HOTMELT	C-2000 HOTMELT
Speed	10-30 cases per minute Options and application can change the speed	8-25 cases per minute Options and application can change the speed	10-30 cases per minute Options and application can change the speed	8-25 cases per minute Options 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 Wall, Double Wall	Single Wall, Double Wall	Single Wall, Double Wall	Single Wall, Double Wall
Standard Sealing Device	Lantech® TH-Series Tape Head	Lantech® TH-Series Tape Head	Robatech/Nordson	Robatech/Nordson
Dimensions - Machine	2225 mm L x 2280 mm W x 1800 mm H (88 3/4" L x 89 3/4" W x 70 7/8" H)	2540 mm L x 2480 mm W x 1800 mm H (100" L x 97 5/8" W x 70 7/8" H)	225 mm L x 2280 mm W x 2500 mm H (88 3/4" L x 89 3/4" W x 85" H)	2535 mm L x 2480 mm W x 2500 mm H (99 4/5" L x 97 5/8" W x 88 3/5" H)
Weight - Machine	±725 kg (±1600lb)	±825 kg (±1800lb)	±825 kg (±1800lb)	±925 kg (±2040lb)
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)

E: sales@npp.ie
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Lantech CI-1000/CI-2000

Automatic Inline Case Erectors

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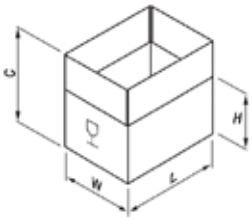

CRITERIA	CI-1000 TAPE	CI-2000 TAPE	CI-1000 HOTMELT	CI-2000 HOTMELT
Speed	10-25 cases per minute Options and application can change the speed	8-18 cases per minute Options and application can change the speed	10-25 cases per minute Options and application can change the speed	8-18 cases per minute Options 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 Wall, Double Wall	Single Wall, Double Wall	Single Wall, Double Wall	Single Wall, Double Wall
Standard Sealing Device	Lantech® TH-Series Tape Head	Lantech® TH-Series Tape Head	Robatech/Nordson	Robatech/Nordson
Dimensions - Machine	3400 mm L x 1325 mm W x 2400 mm H (133 7/8" L x 52 1/6" W x 94 1/2" H)	3580 mm L x 1570 mm W x 2400 mm H (141" L x 61 4/5" W x 94 1/2" H)	3400 mm L x 1325 mm W x 2500 mm H (133 7/8" L x 52 1/6" W x 98 2/5" H)	3580 mm L x 1570 mm W x 2500 mm H (141" L x 61 4/5" W x 88 3/5" H)
Weight - Machine	±725 kg (±1600lb)	±825 kg (±1800lb)	±825 kg (±1800lb)	±925 kg (±2040lb)
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)

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It's About Your Products

Lantech Profitpack

Collaborative Packaging System

100% Automation Isn't Possible for Everything

Something as simple as putting products in a box can have its challenges, particularly when the products are irregular, complex, or expensive. In these circumstances, conventional pick and place automation often doesn't work well or is prohibitively expensive.

The ProfitPack is perfect for these situations.

It uses collaborative automation to do what machines do best - automatically erecting and sealing cases on demand - and leaves what people do best to the operator - exercising expert human judgment.

This optimal combination of machines and people ensure products meet quality standards and are handled and packed properly in their cases.

The Secret is Collaborative Automation

The ProfitPack gives the operator control of the entire system. The case erector makes properly formed, square cases and automatically delivers them to the pack station.

The operator inspects the products, places them in the case, and releases the case to the sealing unit, which closes and seals the case's top flaps.

The ProfitPack's available in left and right hand versions and with a one-person or two-person packing station.

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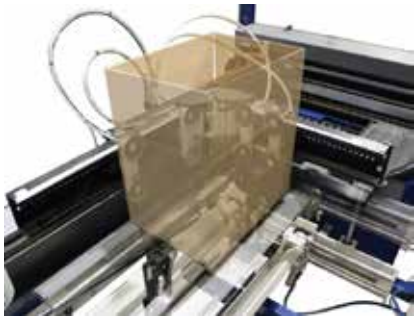
ProfitPack - Collaborative Packaging System



Square Case Erecting
After picking up the blank from the magazine until the release of the erected and bottom sealed case, the case is held in a square position.

Precise Case Positioning
Integrated product conveyor infeed belt with variable frequency speed control transports the products to the hand packing station.

Products within Easy Reach
The adjustable height product conveyor belt offers the product at the required pack height.

On Demand Case Presentation
The case erector automatically presents a case to the hand packing station. The case is stopped at the correct position by a separator.

Controlled Case Release
Once the case is loaded, the filled case is easily released to the case sealer infeed with the shutter release.

Square Case Sealing
Spring loaded side belts take over the case. The top flaps are closed and sealed and a square case is delivered.

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3 Year Warranty

Lantech Profitpack

Collaborative Packaging System

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CRITERIA	PROFITPACK 1	PROFITPACK 2
Speed	10 cases per minute	8 cases per minute
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 250 mm C (7 7/8" L x 5 7/8" W x 9 7/8" C)
Maximum Case Outer Dimensions	500 mm L x 350 mm W x 600 mm C (19 5/8" L x 13 3/4" W x 23 5/8" C)	620 mm L x 450 mm W x 650 mm C (24 3/8" L x 17 3/4" W x 25 5/8" C)
Case Type	RSC, HSC, FEFCO 0200/0201	RSC, HSC, FEFCO 0200/0201
Flute Type	B, C	B, C
Wall Type	Single Wall	Single Wall
Standard Sealing Device	Lantech® TH-Series Tape Head	Lantech® TH-Series Tape Head
Dimensions - Machine	6050 mm L x 2430 mm W x 1600 mm H (238 5/16" L x 95 3/4" W x 63" H) *ProfitPack 300 Double Station 7050 mm L x 2430 mm W x 1600 mm H (277 11/16" L x 95 3/4" W x 63" H)	6200 mm L x 2540 mm W x 1600 mm H (244 3/16" L x 100 1/8" W x 63" H) *ProfitPack 400 Double Station 7200 mm L x 2540 mm W x 2500 mm H (283 5/8" L x 100 1/8" W x 63" H)
Weight - Machine	±950 kg (±1155lb)	±1000 kg (±1265lb)
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
Pneumatics	6 Bar (80 PSI)	6 Bar (80 PSI)

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T: + 353 1 880 9299
www.npp.ie

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Unit 2, Vantage Business Park,
Coldwinters, Dublin 11,
D11 WP2P, Ireland

E: sales@npp.ie
T: + 353 1 880 9299
www.npp.ie