

# Linium 301 Rotary Head Horizontal Wrapper

High-Speed Wrapper for Bakery, Confection,  
Frozen Food and NonFood Products



## Standard Features:

- ▶ Heavy-duty steel plate frame construction
- ▶ WinPack Multi-Axis controller utilizing Windows CE operating system with data collection capability
- ▶ Electric eye for registered film
- ▶ 2 m (6.5") infeed conveyor with adjustable pitch snap-in pushers
- ▶ 3 servo motors (infeed, finwheel and cutting head)
- ▶ 1 up, 120 mm diameter crimper assembly
- ▶ 3 finwheel units (cold, hot, auxiliary fold-over)
- ▶ Low backlash crimper drive
- ▶ Wing style former
- ▶ Pre-programmable product set-up for 20 products, including package length, speed, crimper dwell and product position
- ▶ Food grade product contact parts

## Available Options:

- ▶ Rockwell Automation (AB) ControlLogix machine control with PanelView 700 plus touch screen
- ▶ Automatic feeders - inline, crossbelt, hoppers, parallel belt and product distribution solutions
- ▶ Second film spindle
- ▶ Air evacuation
- ▶ 600 mm backstand
- ▶ Power feed roll
- ▶ No product - no bag
- ▶ No gap - no seal
- ▶ Adjustable former
- ▶ Date coder
- ▶ Film splicer
- ▶ Package gussetting
- ▶ Stainless steel frame
- ▶ Additional finwheel (heated)

## Products Packaged:

- ▶ Single piece items
- ▶ Multi-packs
- ▶ Trays
- ▶ Biscuits and bakery
- ▶ Confection
- ▶ Pharmaceutical and healthcare
- ▶ Hardware
- ▶ Toiletries
- ▶ Food

## Package:

**End Seal:** Vertical or horizontal crimp pattern with straight or optional zig-zag cutoff

**Longitudinal Seal:** Checkered or horizontal seal pattern

## Packaging Material:

- ▶ Printed or unprinted heat sealable or cold seal films
- ▶ Polypropylenes
- ▶ Laminates
- ▶ Most heat sealable films

# Linium 301

## Specifications:

**Output:** Up to 150 packages per minute (1 up crimper)  
 Up to 350 packages per minute (2 up crimper)  
 Up to 50 m/min (1960"/min) film speed  
*Product and film characteristics may affect machine output.*

## Size Range:

Crimper diameter:	# of crimpers:	Length x maximum height:
120 mm (4.7"):	1 up (standard):	170-375 mm (6.7-14.75") x 65 mm (2.5")
	2 up:	90-185 mm (3.5-7.25") x 65 mm (2.5")
150 mm (5.9"):	1 up:	210-470 mm (8.25-18.5") x 95 mm (3.75")
	2 up:	120-235 mm (4.0-9.25") x 95 mm (3.75")
180 mm (7.0"):	1 up:	300-565 mm (11.8-22.25") x 120 mm (4.5")
Product width:	10 - 250 mm (9.8")	
End knife width:	180 mm (7.0")	

*Options required to achieve maximums.*

## Web Dimensions:

Standard width:	600 mm (23.6")
Maximum width (optional):	790 mm (31.0")
Maximum reel diameter:	400 mm (15.7")
Core diameter:	75 mm (3.0")

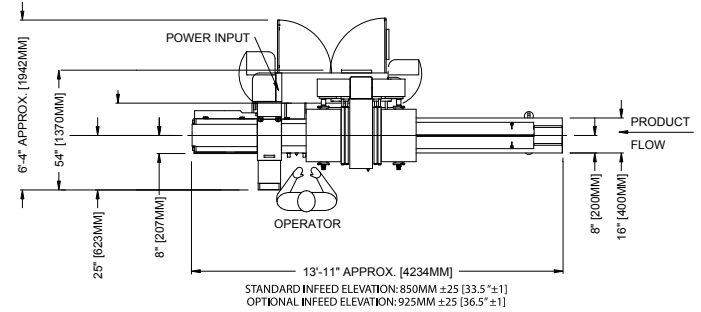
## Construction:

- Steel plate frame construction
- Cantilevered product track (infeed, finwheel and cutting head)
- Servo driven

## Connections:

Voltage:	230V, 50/60 hz, 3 phase standard
Power usage:	15 amp, 6 KW
Air:	80 PSI (5.5 bar), 0.2 CFM

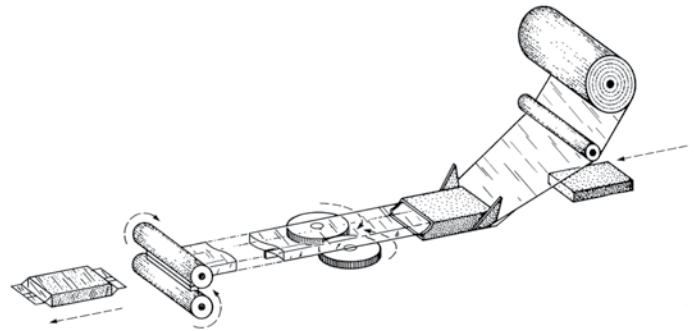
## Mechanical Dimensions:



## Operation:

The Linium 301 wrapper uses flat wound roll stock film and creates a complete overwrap around the product. The products are fed into the infeed conveyor of the machine, a former forms film around the product, a longitudinal "fin" seal is created, and then the ends of the packages are sealed and cut apart. The Linium 301 wrapper is popular due to its high-speed capabilities, product size flexibility, and simple operation.

## Operation Schematic:



The machinery shown herein may have had guards removed for illustrative purposes. NEVER operate this machinery without all guards in place and all safety features in original working condition. ALWAYS refer to the operator's manual, or contact our sales support for additional information. Specifications subject to change without notice.

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