

Mid-range wrapper designed for special product handling

# Pack 301 Horizontal Wrapper



**BOSCH**

Invented for life



- ▶ A wrapper designed for difficult to handle products, the Pack 301 is available with options for irregular shaped products to multi-packing applications such as products on-edge and product stacks.
- ▶ Part of the Pack Series of wrappers, it shares a high degree of common components with other Pack Series wrappers, simplifying maintenance and reducing costs.

## A wide range of product handling options are available to stabilize the product during wrapping

- ▶ Side and overhead belts
- ▶ Overhead chain
- ▶ Side chain through cutting head

## Easily Automated

The Pack 301 can easily integrate with other packaging equipment such as Delta Robots, primary product feeding, secondary packaging and product distribution systems due to its:

- ▶ Modular design (Module ++ Automation Concept)
- ▶ Expanded electrical enclosure with space to support integration requirements
- ▶ Standardized HMI using WinPack PC controls
- ▶ Full range of product handling options such as Inline Feeders, Cross Belt Feeders and Slug Feeders

## Superior Package Appearance

- ▶ Latest in fin seal technology utilizing gap control for consistent, precise seal integrity
- ▶ Powered auxillary foldover wheel pulls film through the cutting head which provides improved transport of heavy products and more reliable operation with light gauge film
- ▶ Adjustable cantilevered finwheels for tighter packages improving product appearance

## One Design Globally Delivered

- ▶ The Pack 301 is available globally and supported locally

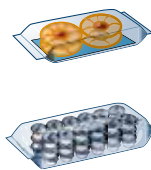
## Packaging Material Flexibility

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

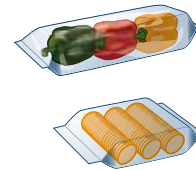
A wide range of product handling options make difficult to handle products easy to wrap



Multi-Packs

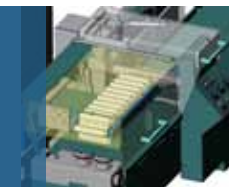


Unstable Product Stacks

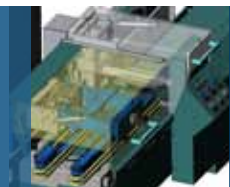


Products on Edge

Left: Overhead Belts  
Right: Side Belts



Modular design provides easy access and ability to quickly reconfigure for different applications

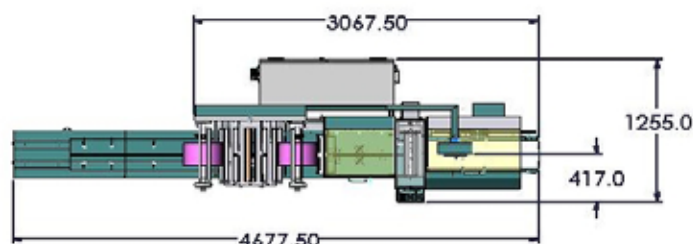
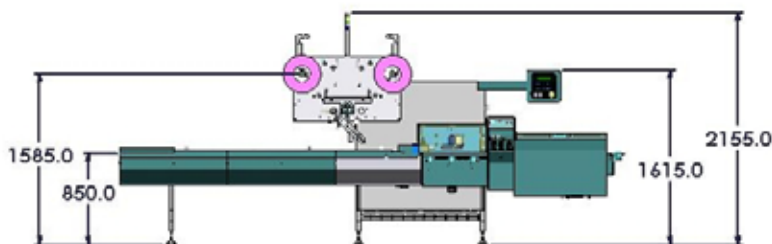


## Offering a Wide Range of Options:

- ▶ Side belts and overhead belts
- ▶ Overhead chain
- ▶ Side chain through cutting head
- ▶ End of film roll and film breakage detection-reduces line stop
- ▶ Air evacuation manifold - for tighter packages
- ▶ Rockwell Automation (AB) ControlLogix
- ▶ Brackets for printer
- ▶ Automatic film splicer
- ▶ Servo controlled power feed roll
- ▶ First sealing roller tiltable on the fly for package tightness control
- ▶ Gusseting device
- ▶ Delta hole punch
- ▶ No product - no bag
- ▶ No gap - no seal
- ▶ Air reject of incorrect package (out of registration, film splice, uncut packages) no additional machine length required
- ▶ Stainless steel execution
- ▶ Touchscreen with integrated temperature controls
- ▶ Self-centering film roller for faster product changeover
- ▶ End of film auto splice with knife mechanism allows higher speed splicing and improves production reliability
- ▶ Optional 650mm film width (450mm standard)

## Technical Specifications

Film Specifications	
Maximum reel diameter	400 mm (15.75")
Maximum reel weight	35 kgs (77 lbs.)
Maximum film width	450 mm (17.70")
Maximum 1 up capacity	175 packages per minute
Maximum 2 up capacity	350 packages per minute
Maximum 3 up capacity	500 packages per minute
Maximum film speed	60 m/min (2,400"/min)
Working height	650/850/930 mm (25.6"/ 33.5"/ 36.6")
Electrical Data	
Standard power supply	208-240 VAC, 3 phase
Power supply frequency	50 Hz or 60 Hz
Pneumatics	6 bar (80 psi)
Control circuit	24 VDC
Air consumption	0.51 m <sup>3</sup> /hr (0.3 cfm)
Package Specifications	
Width	10 - 150 mm (0.4" - 6")
Max height	115 mm (4.5")
Technical information is subject to change without notice.	



## Bosch Packaging Technology, Inc.

Packaging Machines

869 South Knowles Avenue  
New Richmond, WI 54017 USA  
Phone (715) 246-6511  
Fax (715) 246-6539  
sales.packaging-nrd@bosch.com  
www.boschpackaging.com