

## Inverted Long Dwell Horizontal Flow Wrapper

# Pack 301 ID



**BOSCH**

Invented for life



- ▶ Inverted design feeds film from below the product to securely carry hard to handle product through the wrapper
- ▶ Long dwell sealing times up to 1 second ensure hermetically sealed packages
- ▶ Flexible, modular design allows you to configure the Pack 301 ID to meet your specific needs

The Pack 301 ID combines the two proven technologies behind Bosch's inverted and long dwell flow wrappers to create one machine capable of gentle product handling and hermetically sealed seams. Its inverted design makes it ideal for wrapping multiple pieces per package and for products that are flexible in nature. The film backstand is a modular design that can be located in various positions. This allows users to optimize the film path for short changeovers and optimal product transport. The long dwell sealing head produces hermetically sealed packages and is ideal for thicker films or modified atmosphere packaging.

### Highly efficient, production proven design

- ▶ Hinged, overhead finwheel assembly provides easy access to film and product for fast set-up and clearing of jams
- ▶ Standardized controls provide high OEE
- ▶ 80% of common parts are shared with other Pack series wrappers

### Fast, easy cleaning and changeovers

- ▶ Finwheel covers easily removed for cleaning
- ▶ Catch pans on infeeds can be removed and cleaned without stopping production
- ▶ Finwheel assembly easily raised or lowered to accommodate products of different heights for fast changeovers
- ▶ Toolless knife change

### Hermetically sealed packages

- ▶ Long dwell sealing times of up to 1 second ensure hermetically sealed packages
- ▶ Seal time independent of machine speed guarantees constant sealing conditions at all times
- ▶ Independent temperature control of top and bottom sealing jaws creates optimal sealing conditions
- ▶ Numerous sealing options available, including: gusseting, gas flush (modified atmosphere packaging), pre-heating

### Inverted Flow Wrapper Operation

Film enters the former from below the product. This ensures a smooth product transfer and secure product handling of multipack and flexible products not possible on a upright flow wrapper.



- 1 Backstand feeds film from below product
- 2 Inverted finwheels hinged for easy access
- 3 Long dwell sealing jaws



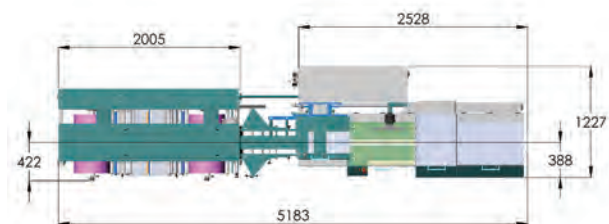
## Technical Features

- ▶ Stainless steel product contact parts
- ▶ Single film reel holder
- ▶ Cantilevered design
- ▶ Film brake control
- ▶ Film registration
- ▶ Easily exchangeable former
- ▶ 2 sets of finwheels built in separate hygienic housings
- ▶ Adjustable cantilevered finwheels
- ▶ Product between jaws detection
- ▶ 1 set of long dwell sealing jaws

## Optional Features

- ▶ 2 film reel holders
- ▶ Manual splice table
- ▶ Automatic film splicer
- ▶ Splice with knives
- ▶ Low film detection
- ▶ Date coder mounting
- ▶ Pre-heat bars between finwheels
- ▶ Mechanical gusseting
- ▶ Air gusseting
- ▶ No product – no bag feature
- ▶ No gap – no seal feature
- ▶ Empty bag blow off
- ▶ Discharge rejects
- ▶ High product detection
- ▶ Power feed roll
- ▶ Allen Bradley controls
- ▶ Color touchscreen

## Footprint (mm)



## Technical Specifications

Product Range		
Dimensions	min.	max.
Product length	60mm (2.36“)	565mm (22.2“)
Product width	30mm (1.18“)	220mm (8.7“)
Product height	6mm (.23“)	110mm (4.3“)
Film reel		
Max. reel diameter	400 mm (15.75“)	
Max. film width	450mm (17.70“) (650mm (25.6“) optional)	
Max. reel weight	35 kg (77 lbs)	
Inner core diameter	70/76 mm (2.76/2.99“)	
Film sealing		
Fin seal height	11 mm/14 mm/20 mm (.4/.6/.8“)	
Cross seal width	25 mm (.98“)	
Cross seal length	240 mm (9.45“)	
Capacity		
Max. Capacity	150 ppm	
Max. Film speed	40 m/min (1,575“/min)	
Electrical		
Standard supply	208-240 VAC, 3 phase	
Frequency	50 Hz or 60 Hz	
Tolerance	+5% / - 10%	
Power requirement	15 amps	
Control circuit	24 VDC	
Pneumatics		
Pneumatics	min. 6 bar (80 psi)	
Color	RAL 9006, FDA approved	
Working height	930mm (36.6“)	
Technical information is subject to change without notice.		

How will you feed your wrapper or box your wrapped products?



Add a cost saving and user friendly Bosch Delta Robot. Average payback in 12-18 months!



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