

# Pack 303 LD Long Dwell Flow Wrapper.

HORIZONTAL FLOW WRAPPER FOR HERMETIC SEALING

## APPLICATION INFORMATION

With its hermetic sealing capabilities, the Pack 303 LD is ideal for packaging fresh, perishable goods as well as products packaged in thicker film, like most medical goods.

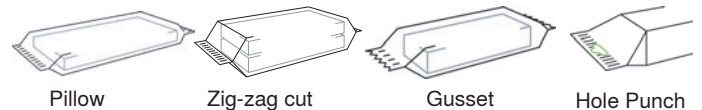
## HIGH SEAL INTEGRITY

The machine is equipped with a long dwell sealing system which ensures highest seal integrity and hermetically sealed packages. As the seal time is independent of the machine speed, constant sealing conditions are ensured at all times. Optimal sealing conditions are further enhanced by a temperature control system that allows temperature to be independently controlled on both the top and bottom sealing jaws.

## HIGH UPTIME

The Pack 303 LD features a 'product between jaws' function. Whenever a product is detected between the sealing jaws, the jaws retract and the film is transported on without being sealed and will consequently be rejected after the sealing unit. The machine does not need to be stopped and excessive pollution and damage to jaws are avoided, minimizing cleaning time and maximizing uptime.

## PACK STYLES



## OPERATOR FRIENDLINESS

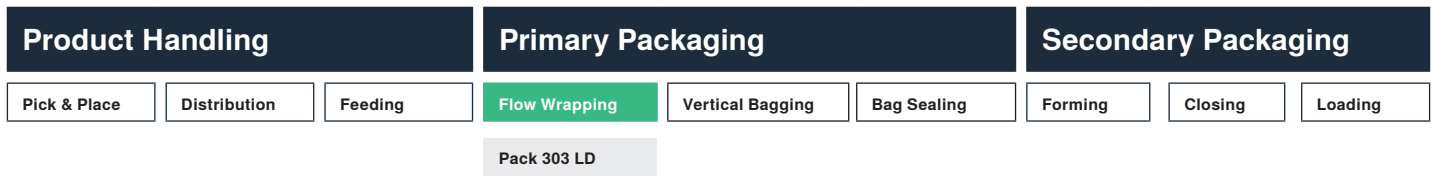
The Pack 303 LD has been designed in accordance with the Total Productive Maintenance (TPM) principle to simplify maintenance and maximize uptime. Operators can change and clean knives without tools and easily exchange the transport belt at the sealing station for rapid cleaning. Format changes and sealing jaw cleaning are further simplified by easy jaw alignment.

## Your benefits

- **Operator-friendly** - easy cleaning, good accessibility
- **Hermetic sealing** - sealing time up to 1 second, consistent seal quality
- **High uptime** - fast changeovers, detection of product between jaws



# Packaging Line Structure.



## Standard Features

- Basic handfeed design infeed conveyor
- Stainless steel frame and main enclosure
- Stainless steel product contact parts
- 1 quick-change former
- 3 sets of finwheels, 1 heated
- Auto-open hot finwheels during stoppages to minimize melted film and reduce film waste
- 1 set of long dwell crimpers
- Rockwell CompactLogix 5380 series controllers and Kinetix 5500 servo drives
- Fixed arm with Syntegon HMI 4.0 with 15.6" display
- Main air with manual locking air dump, filtration to 40 microns, and low pressure detection
- Fan-cooled main electrical enclosure
- 450 mm backstand
- Two-way eye correction for registered films

## Optional Features

- 650 mm backstand
- (C) UL 508A certified electrical control panel
- Heated hole punch, 10 mm
- Air or mechanical gusseting device for tucked packages
- Smart belt feeding system
- No product/no paper option to reduce film waste
- Carrier flat-top added to the infeed for sticky products
- Various date coders and mounting kits
- Perforator to deflate packages and fit more per case
- Air evacuation device for tighter packages
- Gas flush provision to remove oxygen
- Various tamper devices to remove excess air in the packages
- Basic spare parts kit
- Expanded spare parts kit
- CE certification

Syntegon Packaging Technology, LLC  
869 South Knowles Avenue  
New Richmond, WI 54017 USA

Phone +1 715 246 6511  
Fax +1 715 246 6539  
Mail sales.packaging-nrd@syntegon.com  
Web www.syntegon.com  
Subject Pack 303 LD  
Date 12.2023  
Department MBC1 (PAUS)

## Technical Specifications

Product Dimensions	min.	max.
Length (mm)	40	565
Width (mm)	12	220
Height (mm)	6	110
Film Reel	max.	
Diameter (mm)	400	
Weight (kg)	35	
Width (mm)	450 (650 optional)	
Film Sealing	max.	
Fin seal height (mm)	6 / 15	
Cross seal width (mm)	20 / 25	
Capacity	max.	
Output (ppm)	150	
Film speed (m/min)	40	
Electrical		
Standard supply (VAC)	400 VAC	
Power supply frequency (Hz)	50 or 60	
Control circuit (VDC)	24	
Pneumatics (psi/bar)	80 psi / 5.5 bar	
Working height (mm)	850 / 930	

## Footprint (mm)

