

Pack 301 SK.

POLY AND SHRINK FILM ROTARY HEAD HORIZONTAL FLOW WRAPPER

APPLICATION INFORMATION

Syntegon's Pack 301SK flow wrapper is easy to use with its intuitive operations and repeatable changeovers. Its main differentiating quality from the other horizontal flow wrappers in the Syntegon portfolio is its ability to accommodate wide product dimensions, and can be integrated with a heat tunnel for shrink-wrapping. The Pack 301SK is ideal for wrapping products such as frozen pizzas, taco shells and also cartons, trays, or multi-packs.

MACHINE CONSTRUCTION

Standard stainless steel construction of the guarding, and electrical cabinet comes standard along with sloped surfaces allowing for proper drainage of water during cleaning. The machine is equipped with food-grade motors and gearboxes to withstand harsh cleaning processes. The bearings are re-greasable to keep them working properly after cleaning. The standard handfed infeed is designed with an open construction allowing debris to fall through. The discharge conveyor is removeable for easy, thorough cleaning.

The Pack 301SK is equipped with extra wide components such as the backstand, film rollers, film former and cutting head to accommodate products up to 330mm (17") in width. As a shrink tunnel typically accompanies this machine, the backstand is equipped with perforation wheels that puncture holes in the film prior to being formed allowing air to escape from the package during the shrinking process.

OPERATION

As product enters the infeed, film is pulled down from overhead films rolls and is formed around the product. A bottom lap seal is then formed (static and/or hot shoe) and the product moves into the cutting head on vacuum conveyor, which pulls the film and helps to keep the product aligned. The cutting head then produces a bead type end-seal and cuts the package apart. Individual packages are then discharged from the machine and enter a heat tunnel for shrink wrapping.

CLEAR, SIMPLE & USER-FRIENDLY

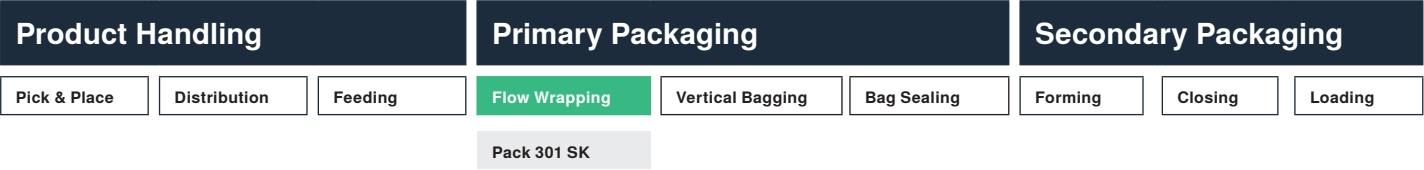
With its ease of set up and access, procedures overseen by Syntegon's user-friendly HMI 4.0, and laser-engraved scales and instructions, operators will be delighted with this machine.

Your benefits

- Maximum efficiency, flexibility, availability
- Fast & easy setup, cleaning, changeovers
- Proven design, features, feeding technology
- Reliable construction, operation, product handling



Packaging Line Structure.



Standard features

- Two driven reel holders with film tension control and power feed roll to maintain film tension through the entire roll
- 1-up hot knife endseal to create bead seal on both ends of the package
- Combination hot shoe and static lap seal device
- Automatic splice / Air assist
- Air inflating film chuck for easy film roll changes
- Rockwell Control System with Syntegon HMI 4.0
- 800mm discharge conveyor

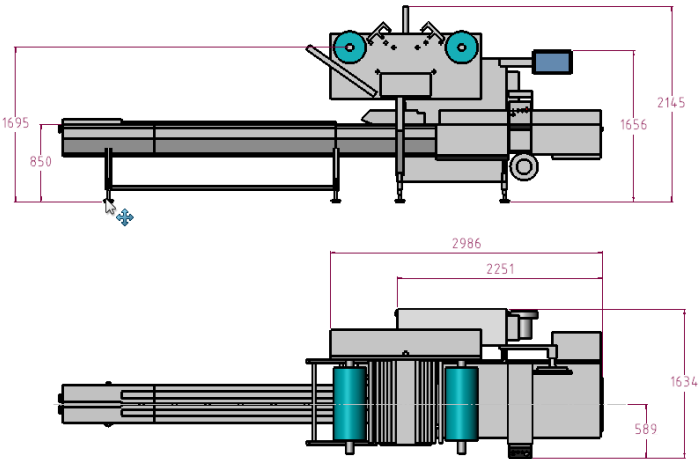
Optional features

- Pullcord emergency stop
- Separate stand alone reject station located between the discharge conveyor and the shrink tunnel
- Heat tunnels for shrink-wrapped packages
- Automatic feeders - inline, crossbelt, hoppers, parallel belt, poly-cord, and product distribution solutions

Technical Specifications

Product Dimensions	min.	max.
Length (mm)	150	565
Width (mm)	100	305; 430
Height (mm)		60
Film Reel	max.	
Diameter (mm)	350	
Weight (kg)	90	
Width (mm)	800; 1000	
Film Sealing	max.	
Lap seal height (mm)	30	
Cross seal width (mm)	400; 550	
Capacity	max.	
1-up crimper (ppm)	150	
2-up crimper (ppm)	300	
Film speed (m/min)	50	
Electrical		
Standard supply (VAC)	440 - 480	
Power supply frequency (Hz)	50 / 60	
Control circuit (VDC)	24	
Pneumatics (psi/bar)	min. 80 / 5.5	
Working height (mm)	850	
Finish	Stainless steel	

Layout example



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