

Pack 403 HE.

HYGIENIC, HIGH-SPEED HORIZONTAL FLOW WRAPPER

APPLICATION INFORMATION

The Pack 403 HE is a hygienic, high-speed horizontal flow wrapper that has been designed with the highest level of hygienic standards to meet the latest food safety regulations. Reduce the risk of contamination and achieve high production volumes on one machine. The Pack 403 HE is the ideal machine for washdown applications such as frozen and fresh foods.

RELIABLE, HIGHLY EFFICIENT OPERATION

A robust, full-servo control design provides a high level of operational performance and long machine life. Depending on product characteristics, size and package format, the solution can produce up to 600 quality packages per minute.

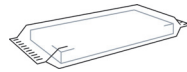
MACHINE OPERATION REDEFINED

With its ease of set up and access, procedures overseen by a user-friendly HMI, decals, and laser-engraved scales and instructions, operators will be delighted with this machine. From clearly marked changeover parts to tensioners and finwheel pressure gauges that are visually easy to control, this is truly a user-friendly system.

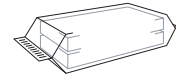
CLEAR, SIMPLE & USER-FRIENDLY HMI

The benefits of Syntegon's HMI 4.0 include a guided workflow that leads operators through each process, the smart Preventative Maintenance Assistance which notifies operators of needs in advance, and a centralized information center on the dashboard with options to share and visualize data if needed. As a gateway to Industry 4.0, the HMI 4.0 supports connectivity to Syntegon's Industry 4.0 solutions.

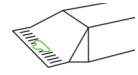
PACK STYLES



Pillow



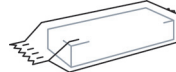
Gusset



Hole Punch



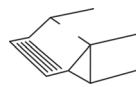
Straight cut



Zig-zag cut



Tear Notch



Horizontal sealing
serration



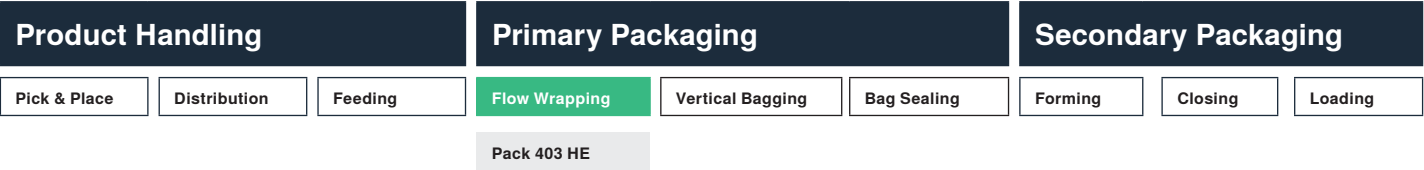
Vertical sealing
serration

Your benefits

- **Construction:** Wash down stainless steel execution - HD3 including infeed, finwheels, electrical enclosure, and discharge
- **Reliable operation:** Consistent quality, proven packaging and feeding solutions, 24/7 operation
- **Easy and error-free adjustments:** All adjustments are easy to understand, repeatable and can be documented in the HMI



Packaging Line Structure.



Standard features

- Two (2) film reel holders with powered film feed roller
- Automatic film splicer
- Easily exchangeable film folding box
- Three (3) sets of finwheels built in separate hygienic housings, two (2) sets heated
- 2-up crimper jaws with straight/bias knife
- Hand-wheel for manual rotating of sealing jaws for cleaning
- Rockwell Control System with Syntegon HMI 4.0
- 1 meter discharge conveyor with rejects for empty bag, melted film, and splices

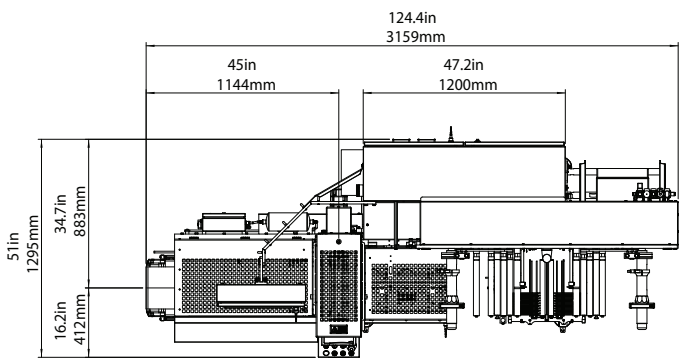
Optional features

- Low / almost-empty film reel detection
- End of film cutting mechanism
- Cold seal peeling rollers
- Air evacuation for tighter packages
- Air gusseting
- No-product-no-bag feature
- No-bag-no-seal feature
- Driven overhead belt on the discharge
- Date coders/printers
- 1-up, 3-up crimper jaws

Technical Specifications

Product Dimensions	min.	max.
Length (mm)	40	565
Width (mm)	12	250
Height (mm)	6	110
Film Reel	max.	
Diameter (mm)	400	
Weight (kg)	35	
Width (mm)	300 (650 optional)	
Film Sealing	max.	
Fin seal height (mm)	6 / 9 / 15	
Cross seal width (mm)	20 / 25	
Capacity	max.	
1-up crimper (ppm)	200	
2-up crimper (ppm)	400	
3-up crimper (ppm)	600	
Film speed (m/min)	80 (50 with 650 mm-wide reel)	
Electrical		
Standard supply (VAC)	440 - 480	
Power supply frequency (Hz)	50 / 60	
Control circuit (VDC)	24	
Pneumatics (psi/bar)	min. 80 / 6	
Working height (mm)	850 / 930	
Color	SST Design	

Layout example



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