



## Professional Packaging Systems

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## Contact

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# Syntegon Pack 403 Horizontal Flow Wrapper



## At a Glance

- Designed for high-speed wrapping applications
- Ideal for bars, bakery goods, chocolate, cookies and crackers/biscuits
- Standard dual spindle backstand
- Up to 800 packages per minute

## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## Reliable, Efficient, Precise Flow Wrapping

The Syntegon Pack 403 is best-in-class, robust and user-focussed flow wrapper for high-speed applications, such as bars, cookies and crackers. Ideal for full automation and system integration.

As the successor of the Syntegon Pack 401, the Pack 403 has been significantly upgraded and is packed with added new features to completely redefine machine operation. The machine and the HMI are perfectly aligned for a user-centered experience. Due to a narrow machine design it is ideal for wrapping high-speed application products like bars, bakery goods, chocolate, cookies and crackers/biscuits.

## Easier Operation

Clear instructions showing the splice preparation process directly on the splicing table, significantly increase successful splices.

Innovative feature to precisely measure and control film tension, resulting in fewer jams and consistent package appearance during production speed changes and during machine starts and stops.

Manual hand wheel to rotate the cutting head, allowing easier service and maintenance while avoiding contact with the hot sealing surfaces.

New film former which is significantly smaller and lighter while being completely tool-less, greatly reducing changeover time and improving the ergonomics.

## Improved Sealing

Refined crimper set-up to simplify the process of alignment and pressure adjustment for greater repeatability and accuracy. This was achieved by implementing repeatable locking mechanisms for the finer pitch gap adjustment on the cross sealing station and easy-to-read pressure gauges on the fin seal units.

## Easier Format Changes

Tool-less changeovers for most of the tasks or HMI based adjustments for different products and package configurations.

Easy-to-read scale for each adjustment point for simple and repeatable product changeovers which can be easily saved in the HMI.

## HMI 4.0 and Industry 4.0/IoT

Syntegon's new HMI 4.0 , next generation of intelligent human-machine interfaces is the gateway to Industry 4.0 (I 4.0)/IoT and supports connectivity to Syntegon's I 4.0 solutions.

**Operations Assistant:** Create and store step-by-step instructions including text, images and videos to simplify daily operations and to minimize training for new and experienced employees.

**Maintenance Assistant:** Communicates real-time information and instructions for upcoming maintenance and cleaning jobs.

**Line Dashboard:** Provides real-time overview about machine and line status and KPI drilldown.

**Condition Monitoring:** Allows for real-time monitoring of machine and line condition.

**Energy Monitoring:** Provides real-time energy monitoring and helps to avoid costs caused by energy leakages, predicts failures through threshold setting and minimizes unplanned maintenance.

**Virtual Remote Support:** Supports remote diagnosis, administration, installation of software updates, software and parameter backup as well as review of machine settings.

## Benefits

Consistent quality, proven packaging and feeding solutions, for full automation and 24/7 operation

Easy, error-free adjustments: All adjustments are easy to understand, repeatable and can be documented in the HMI

User-centered design for ease of operation

HMI 4.0

Industry 4.0/IoT ready

## Applications

The Pack 403 flow wrapper covers a large variety of high-end applications and is ideal for handling bakery and confectionery items such as biscuits, chocolate and bar-type products, as well as non-food products and much more.

## Flowpack Styles

Pillow

Gusseted

Zig zag knife

Hole punch  
Opening aids

## Options

Self-centering film roller  
End of roll / film breakage detection  
Auto splice with knife mechanism  
Automatic film tracking  
Separate drive on first finwheel set  
Cold seal unwind peeling rollers  
Air evacuation manifold  
Gusseting device  
No product - no film feature  
No gap - no seal feature  
Air reject of incorrect or empty packages  
Adjustable folding box  
Rockwell Automation (AB) ControlLogix machine control

Please [contact Pro Pac](#) or call 888-318-0083 for your flow wrapping equipment.

## Specifications

Product Dimensions	Length: 40 mm - 565 mm Width: 12 mm - 120 mm Height: 6 mm - 90 mm
Capacity	Output: Up to 800 bags/min Film Speed: Up to 80 m/min
Web Dimensions	Reel Diameter: Max. 400 mm (15.7") Inner Core Diameter: 70/76 mm (2.8/3") Weight: Max. 40 kg

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