



Professional Packaging Systems

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Syntegon Sigpack HCM Horizontal Flow Wrapper



At a Glance

- Robust steel frame servo-machine
- Strict division between product / packaging material handling and drive elements
- Hot or cold sealing unit
- Up to 1,000 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.

Robust, Servo Flow Wrapper Built for Multi-Shift Applications

The Sigpack HCM flow wrapper is a robust steel frame servo-machine built for multi-shift operation with high modularity; strict division between product / packaging material handling and drive elements.

Products: Chocolate and fruit bars, biscuits and other food products, pharmaceutical products, non-packed or pre-packed, individually wrapped or arranged in groups. Food products with a texture and consistency requiring the flow wrapping machine to be dry-cleaned (Wipe Down).

Package Styles: Loose or tight-fitting pillow packages, with or without gusset folding. Longitudinally or cross-crimped end fins, with straight, zig-zag or clip cut-off. Longitudinally or cross-crimped longitudinal seam. Optional extras include print code, carton insert, label or coupon, tear strip, tear notches and other easy opening features.

Packaging Material: Printed, register-printed or non-printed, heat or cold sealable monolayer or laminated film structures.

Operation: Products are supplied to the machine. The film is folded and shaped like a hose and longitudinally and transversely sealed. The film is printable with different printing techniques. Fast and safe change of reels thanks to automatic film splicing. The flow wrapper can be marked with a label.

Construction: This servo machine with its robust, modular construction suited to 3-shift operation ensures optimized system integration. The strict separation of product or packaging material handling

and drive elements meet highest levels in hygiene requirements. The machine is available in left-hand and right-hand executions.

Ergonomics and Design: The ergonomic design guarantees quick access to all machine parts. This enables comfortable operation, fast change over to new products and pack styles as well as easy changing of packaging material reels. The machine casing ensures safety and noise protection. Trays collect dropped product debris and dust.

Features

- Hot or cold sealing unit
- Rotary cross sealing unit with 5 standard centre distances
- 4 pairs of finwheels (cold, two heated, foldover)
- 3 servo motors (infeed support, longitudinal roller advance, transverse sealing station)
- Automatic film splicing with film end detection
- Electric eye for registered film
- Transparent PET guarding concept
- HMI with touchscreen
- Infeed conveyor family
- Pharma documentation

Benefits

- High flexibility with maximum productivity for cold and heat sealing films
- Very fast cold and heat sealing speeds with high packaging density
- Hygienic design with optimal accessibility for maintenance and cleaning
- High efficiency
- Operator friendly with high safety standards
- Fast and secure format changes
- Easy integration with distribution and infeed systems (Seamless System)

Options

- Mechanical or pneumatical gusseting device
- Additional static heating at fin-wheel unit
- Air evacuation
- Water cooled fin-wheel cover plates
- Easy opening features, euro hole at cross seal
- No Gap No Seal (NGNS) function
- Automatic film tracking
- Online verification of sealing parameters
- Vision control

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

Specifications

Product Dimensions	Standard	Optional
Cut-Off Length	50 to 500 mm	> 500 mm with technical control
Product Width	Up to 185 mm	Up to 335 mm
Product Height	Up to 80 mm	Up to 130 mm
Performance	Standard	Optional
Product Performance	Up to 600 ppm	Up to 1000 ppm with technical clarification
Film Speed	Up to 60 m/min	> 110 m/min with technical clarification
Film Dimensions	Standard	Optional
Reel Width	Max. 400 mm	Max. 700 mm
Reel Diameter	Max. 400 mm	
Core Diameter	70 mm	76 mm
Reel Weight	Max. 60 kg	Hoisting device on request

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