

Sigpack HSL



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Horizontal flow wrapping machine for hermetic packaging for high speed application
Hermetic packages thanks to expanded sealing time

- [Overview](#)

Construction

Robust servo-machine, suitable for multi-shift operation. Its high modularity guarantees optimal system integration. Strict division of product/package material handling and drive elements. The machine is permanently lubricated and available in left-hand or right-hand version.

Package styles

Air-tight, gas flushed on request, taut or slack pillow pack with or without gusset fold.

End fins: grooved transversely, with straight or zigzag cut.

Longitudinal seam: grooved longitudinally or transversely.

On request with print code, carton insert, label or coupon, tear strip, tear notches and other easy opening features.

Packaging material

Plain, printed or register-printed, high quality heat sealable mono or laminated films.

Operation

The touch screen of the HMI panel on the Sigpack HSL is horizontally adjustable on a swivel arm. Parameter entry, errors, production statistics and measures to rectify occurring errors are all displayed on the HMI.

For normal operation there are separate control buttons for the most important functions.

Ergonomics and design

The pillow pack machine is designed for easy access to all machine parts. The ergonomic operating height guarantees comfortable operation, fast conversion to new sizes and shapes and easy changing of packaging material reels. Transparent safety guards provide noise protection and fulfill highest hygiene and safety standards. Crumb trays catch any falling product waste.

- [Technical Data](#)

Technical data:

Output*

Products up to 350 bags/min

Film speed up to 60 m/min

** product and film characteristics may affect machine output*

Size Range

Product length max. 300 mm

Product width max. 120 mm

Product height max. 100 mm

Packaging Material Reel

Width max. 400 mm

Core diameter 70 or 76 mm

Packaging material width 400 mm

Weight max. 60 kg, hoisting device on request

Connections

Voltage 3-phase, 380–480 V, 50/60 Hz

Power usage 12 kVA (15 kVA) / Earth, no zero conductor

Air 6 bar; 0.03–1 m³/h for faulty package reject

- Technical data are subject to change

○ Standard Features

- Long dwell sealing unit for longer sealing
- 4 finwheel units
- Double film unwinder with auxiliary unwinder
- 4 servo motors

- Automatic film splicing unit
- Easy format and parameter adjustment
- Heat seal equipment
- Transparent PET safety guarding
- Control Logix
- Touch screen 12"
- In feed conveyor family with a wide range of product specific functionalities
- Stainless steel product contact parts

Options

- Mechanical gusseting folder
- Additional static heating at fin wheel unit
- Air suction
- Easy opening features and Eurohole
- No Gap No Seal (NGNS)
- No Product No Paper (NPNP)
- Barcode printing with verification or/and 2D Matrix Code
- Packaging with protective gas (MAP)
- Automatic film tracking
- Supplier splice detection
- Reject concepts for faulty production and packages
- Product counter
- Online verification of sealing parameters

... and many other specific Pharma inspection systems