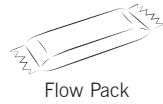


Modular high speed wrapping machine for household chemical compressed powder tabs in flow packs. The flexible designs of the different assembly groups allow an attractive tailor-made adaptation of the machine to the customer needs.

FPC5-Tabs



Products

- compressed powder tabs

Output

- up to 1500 products/min



Product dimensions



Length: 15–100 mm
Width: 20– 60 mm
Height: 10– 30 mm



Ø: 20– 60 mm
Height: 10– 30 mm

FPC5-Tabs

Wrapping material

- cold sealable foil
- heat sealable foil
- water-soluble foil

Material dimensions

- Reel diameter: up to 400 mm
- Reel width: up to 160 mm
- Core diameter: 76,2 mm

Wrapping material speed

- up to 140 m/min

Utilities

- Connected load: 12 kVA
- Compressed air consumption: 3 m³/h; 700 kPa

Measurements

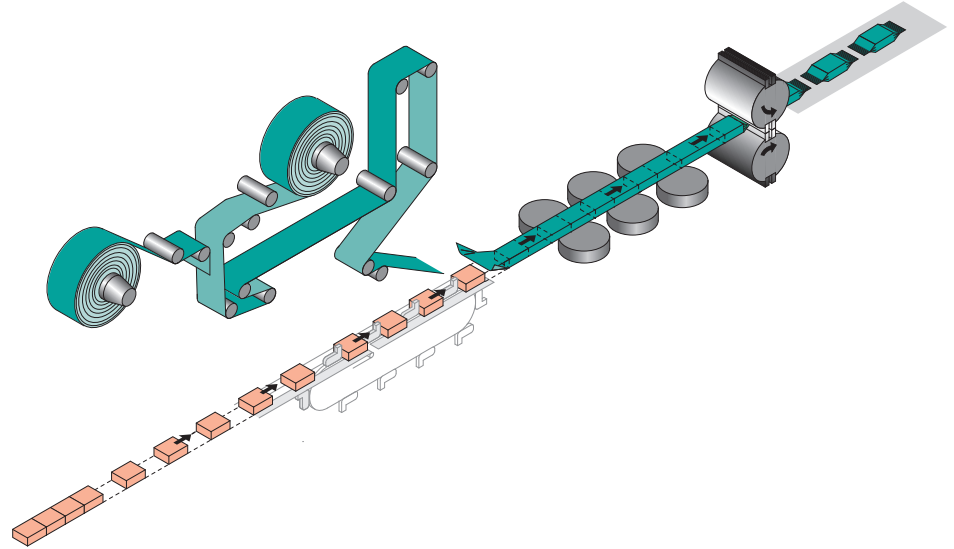
- Machine:
 - Length: 3700 mm
 - Width: 1200 mm
 - Height: 1800 mm
- Switch cabinet:
 - Length: 1400 mm
 - Width: 500 mm
 - Height: 1800 mm

Weight

- 1300 kg

Combination

Beside manual feeding, the machine can be directly synchronized to the production line by means of a Theegarten-Pactec belt feeding or robotic pick and place system.



Special features

- The machine is based on a modular design, consisting of a basic machine and modular main assemblies. These assemblies with optional functionalities can be adapted to the tailor-made machine. Later amendments or upgrades of the machines are easy to implement.

Product and wrapping material feeding

- single or triple stage accumulation conveyor at standard or extended length
- low contact, vacuum supported synchronisation, smart belt infeed, 110°- feeding or infeed lug chain with robotic feeding
- completely encased feeding conveyors with connection openings for active suction of product powder and product dust
- all feeding conveyors equipped with easily accessible waste trays to eliminate product residues
- Suction device for tabs dust at interfaces between the conveyor elements. The vacuum filter of this system is equipped with a self-cleaning functionality and dustbins can be removed for cleaning during machine operation.
- cardboard dispenser and grouping device for multi-packs
- manual or pneumatic core locking and reel tensioning devices
- automatic splicer with or without print registration
- manual or pneumatic web tracking control

- print registration, detection system for manufacturer foil splices, code dating device, tear tape device, label dispenser

Sealing device

- two or three-stage longitudinal sealing device for cold or heat sealing
- flexible fin folding device
- long seam sealing profile in longitudinal direction
- cooling, evacuation, position retention belt
- segmented cross sealing device for cold and heat sealing with up to four sealing jaws
- cross seam sealing profile in longitudinal or transversal direction
- cross sealing station in heated tool welding execution to form detachable cross seams of the wrapping material tightly at the product (particularly for water-soluble wrapping material)

Product discharge

- discharge chute or discharge conveyor with separate drive
- upper support discharge belt
- ejecting device for faulty packs
- suction device for empty pouches

Operation

- due to the automatic operation, several machines can be handled by one operator
- easy operation due to the touch screen
- excellent accessibility for operation, maintenance and cleaning purposes