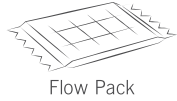
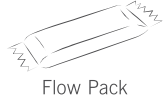


The new generation of flow-wrapping machines delivers reliable, sustainable performance across its entire lifecycle. It offers flexible packaging for chocolate, confectionery, cereal and protein bars, functional foods, and snacks, while ensuring quick and easy changeovers.

FPC6

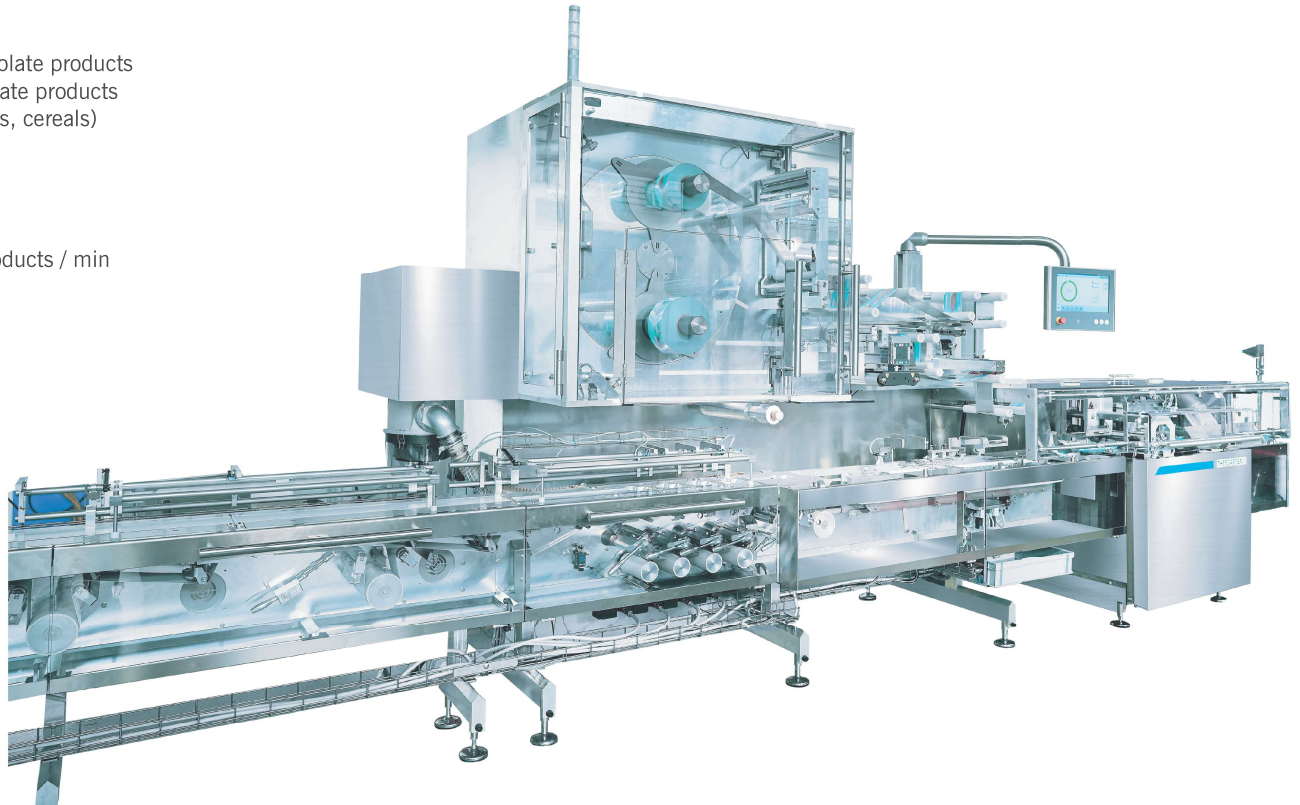


Products

- deposited chocolate products
- enrobed chocolate products (wafers, biscuits, cereals)
- chocolate bars
- protein bars

Output

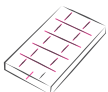
- up to 1500 products / min



Product dimensions



Length: 35–220 mm
Width: 15–120 mm
Height: 4– 40 mm



FPC6

Wrapping material

- recyclable mono-material films
- paper-based materials
- proven composite laminates

Packmittelmaße

- Reel diameter: up to 500 mm
- Reel width: up to 280 mm
- Core diameter: 76,2 mm

Wrapping material speed

- up to 150 m/min

Utilities

- Connected load: 12 kVA
- Compressed air consumption: 4 m³/h; 700 kPa

Measurements

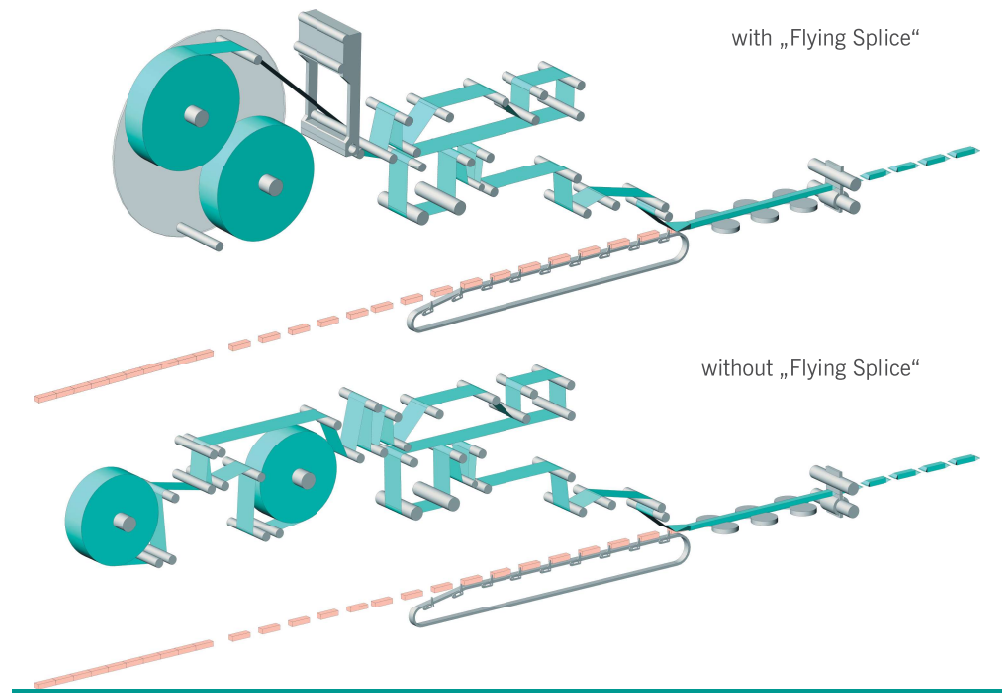
- Length: 6700 mm
- Width: 1500 mm
- Height: 1750 mm Standard
2400 mm Flying Splice

Weight

- 5400 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 the main modules for product feeding, packaging material unwinding, and sealing. The modules feature a wide range of optional equipment, allowing them to be ideally adapted to customer requirements. In addition, functional extensions can be added later through retrofitting.

Product and wrapping material feeding

- compact design achieved through precise engineering of the product infeed—accurately tailored to the products to be processed
- gentle, low-contact product handling is ensured through the use of intelligent, self-learning control algorithms in the infeed section, optional 110° infeed or chain infeed with robotic loading
- cardboard dispenser and grouping device for multi-packs
- two pneumatic core locking and reel tensioning devices
- automatic “Flying Splice” – rolls are spliced, aligned, and fed automatically during changeover, with no extra operator effort
- automatic web tracking control, configurable via HMI and managed through recipe settings - manual adjustments are not required
- print registration in the longitudinal sealing area with reproducible film tension settings via the HMI
- control of film tension for processing sensitive packaging materials and paper
- detection system for manufacturer foil splices, code dating device, tear tape device, label dispenser

Sealing device

- sealing methods – cold sealing, heat sealing and cut-off seam welding for water-soluble films
- beading rollers for defined folding of the longitudinal seam
- long seam sealing profile in longitudinal direction
- cross-sealing unit – optionally longitudinally or transversely profiled, or smooth profile; tool-free removable for quick maintenance and off-machine changeover
- preheating section for packaging materials ideal for processing sensitive materials such as paper or recyclable mono-films at maximum output
- gusseting device for sensitive packaging materials and flat items like chocolate tablets

Product discharge

- discharge conveyor with separate drive and package alignment ensures precise transfer to the subsequent process
- ejecting device for faulty packs
- suction device for empty pouches

Operation

- due to the automatic operation, several machines can be handled by one operator
- Improved HMI visualization of fault causes and their impact helps the operator systematically identify issues, keeping downtime to a minimum
- Quick changeover by storing all relevant settings in the recipe management, while electronic counting scales guarantee reproducibility
- Tool-free removal of critical components for cleaning and format change – guided fittings prevent incorrect assembly and ensure a fast and safe machine restart (“Poka-Yoke” principle)