High-speed wrapping machine for pre-formed products in bottom fold. The direct connection of a flow pack machine enables the grouping of the individual products and simultaneous secondary packaging.

HCW4 + FPC5

Products
- products suitable for plate feeding
- Hard Candys (with or without center-filling)
- Eclair
- Toffees

Output
- up to 1500 single products/min

Product dimensions

| Single Products | Length: 18 – 40 mm | Width: 12 – 25 mm | Height: 8 – 16 mm |
| Stick Pack      | Length: 44 – 130 mm | Width: 18 – 40 mm | Height: 12 – 25 mm |
| Products per Stick Pack | 2 – 16 pieces |

Ø: 12 – 25 mm
Height: 8 – 16 mm
HCW4 + FPC5

Wrapping material
- **HCW4:**
  - Wax paper
  - Cellophane
  - Polypropylene
  - Aluminium/paper – coated
- **FPC5:**
  - Cold sealable foil
  - Heat sealable foil

Material dimensions
- **HCW4:**
  - Reel diameter: up to 400 mm
  - Reel width: up to 100 mm
  - Core diameter: 70 – 76,2 mm
- **FPC5:**
  - Reel diameter: up to 400 mm
  - Reel width: up to 160 mm
  - Core diameter: 75 – 76,2 mm

Utilities
- Connected load: 22 kVA
- Compressed air consumption: 6 m³/h; 700 kPa

Measurements
- **Machine:**
  - Length: 6350 mm
  - Width: 2730 mm
  - Height: 2060 mm
- **Switch cabinet:**
  - Length: 4200 mm
  - Width: 500 mm
  - Height: 2240 mm

Weight
- **Machine:** 6500 kg
- **Switch cabinet:** 1170 kg

Combination
Beside manual feeding, the machine can be directly synchronized to the production line by means of a Theegarten-Pactec feeding system.

Special features
**HCW4**
- A particularly gentle handling of the products is guaranteed by the continuous motion principle
- Highly efficient feeding system with integrated sorting station to eliminate sugar dust, chips and broken pieces
- Servo control with PLC functions
- Pickup of the products from the feeding plate and simultaneous wrapping material supply within the removal wheel reduce product transfers
- Air support to allow the use of PP foils
- Saving of wrapping material by “no product – no paper” - device
- Automatic splicer to change wrapping material reels without stopping the machine
- Ejection of spliced, mal-registered and unwrapped products
- Servo-driven wrapping material feed rollers, wrapping material knife and material reels
- Pneumatic core locking and reel tensioning devices
- Heating wheel to seal the wrapping
- Automatic temperature control of the sealing units
- Opening of the heat sealing units at machine stop
- Servo motor driven grouping section to prevent incomplete product groups
- Servo motor driven transfer of product groups to a continuous or discontinuous motion secondary wrapping machine
- Pressureless water treatment

**FPC5**
- Servo motor driven lug chain to transport the products in a controlled position to the wrapping section of the secondary packaging machine
- Pneumatic core locking and reel tensioning devices
- Manual or automatic web tracking control
- Servo motor driven foil pre – draw off system to allow splicing at full machine speed and correctly at the print mark position to minimize the amount of spliced products rejected
- Print registration, detection system for manufacturer foil splices, code dating device, tear tape device
- Two or three-stage longitudinal sealing device for cold or heat sealing
- Segmented cross sealing device for cold and heat sealing with up to four sealing jaws
- Cross seam sealing profile in longitudinal or transversal direction
- Discharge conveyor with separate drive
- Upper support discharge belt
- Ejecting device for faulty packs
- Suction device for empty pouches
- Excellent accessibility for operation, maintenance and cleaning purposes
- Easy operation due to the touch screen
- Depending on local conditions, one operator is required
- System of protection: IP 54