

High speed plant to form, cut and wrap products in fold wrap with simultaneous overwrapping in flat stick packs or stick packs “on edge”.

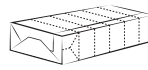
# WHF/F3



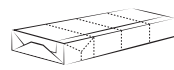
Bottom Fold  
Primary packaging



Side Fold  
Primary packaging



Stick Pack on edge  
Secondary packaging



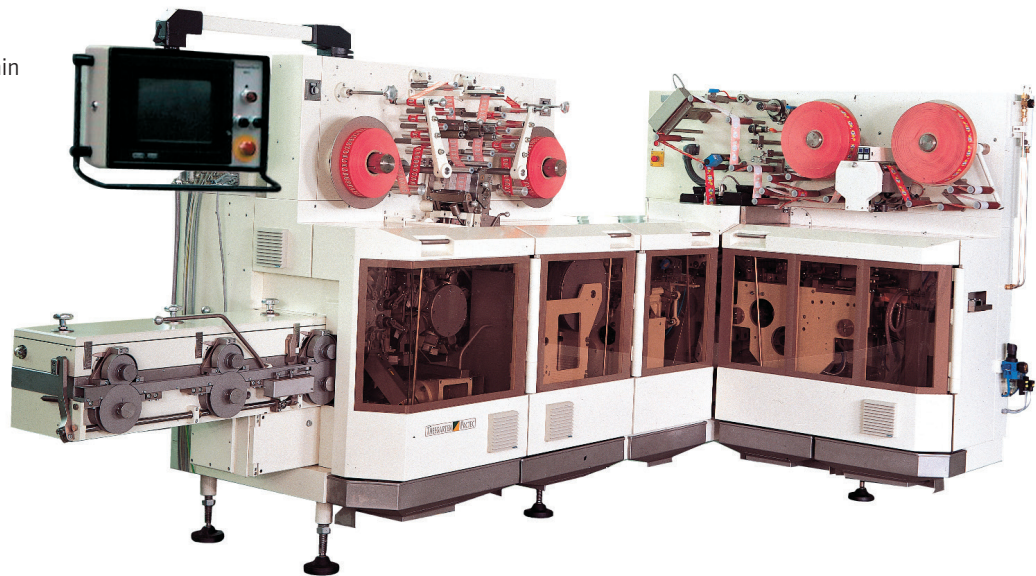
Stick Pack flat  
Secondary packaging

## Products

- Hard and Soft Caramels
- Toffees
- Chewy Sweets
- Chewing Gum

## Output

- up to 1800 single products/min
- up to 300 stick packs/min



## Product dimensions



### WHF:

Length: 18– 40 mm

Width: 12– 25 mm

Height: 6– 16 mm

### F3:

Stick Pack flat

Length: 44–140 mm

Width: 18– 40 mm

Height: 6– 16 mm

Stick Pack on edge

Length: 44–140 mm

Width: 18– 30 mm

Height: 12– 25 mm

Products per Stick

Pack:

Stick Pack flat

3 – 8 pieces

Stick Pack on edge

3 – 16 pieces

# WHF/F3

## Wrapping material

- Wax paper
- Aluminium/paper – coated
- Polypropylene (F3)

## Material dimensions

- WHF:
  - Reel diameter: up to 350 mm
  - Reel width: up to 120 mm
  - Core diameter: 70–76,2 mm
- F3:
  - Reel diameter: up to 350 mm
  - Core diameter: 70–76 mm
- Tear tape:
  - Reel diameter: up to 120 mm
  - Reel width: up to 100 mm
  - Core diameter: 29 mm

## Utilities

- Connected load: 10 kVA
- Compressed air consumption: 1 m<sup>3</sup>/h; 600 kPa
- Cooling water consumption: 0,15 m<sup>3</sup>/h

## Measurements

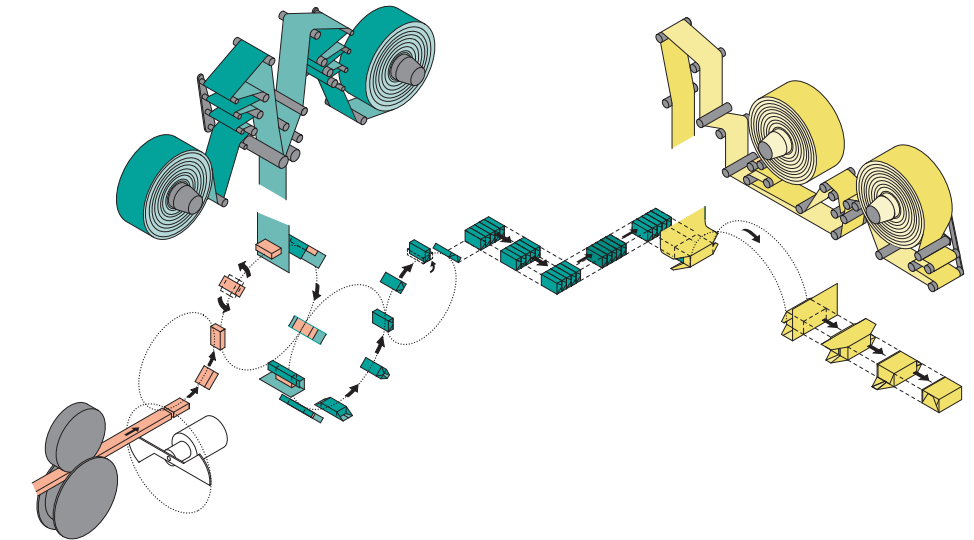
- Machine:
  - Length: 5300 mm
  - Width: 2230 mm
  - Height: 1790 mm
- Switch cabinet:
  - Length: 1200 mm
  - Width: 500 mm
  - Height: 2000 mm

## Weight

- Machine: 4600 kg
- Switch cabinet: 400 kg

## Combination

Depending on the product, the machine can be synchronized either with a batch roller and rope sizing machine (toffees, hard and soft caramels) or an appropriate extruder and cooling tunnel (chewing gum, bubble-gum, chewy candy). Depending on the specific requirements, the WHF can also be synchronized to Theegarten-Pactec stick pack machines, type F4 (for fin seal).



## Special features

- cutting and wrapping of products in fold wrap with simultaneous overwrapping in stick packs
- Servo control with PLC functions
- A particularly gentle handling of the products is guaranteed by the continuous motion principle
- Low noise level at full operating speed due to continuous motion principle
- prefeeder and rotating rope cutting device
- Automatic splicer to change wrapping material reels without stopping the machine
- Pneumatic core locking and reel tensioning devices
- Servo-driven wrapping material feed rollers, wrapping material knife and rope feeding
- Saving of wrapping material by »no product – no paper« -device
- Central lubrication of all gear parts including oil pressure control/temperature control
- Electronic speed control
- Automatic temperature control of the sealing units
- All electrical and electronic components are located in a separate common switch cabinet

- 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

## F3

- Photo-electric print registration
- Tear tape device
- Ejection of incomplete stick packs before wrapping
- Ejection device for incomplete, "spliced" respectively mal-registered stick packs

## Options

- Photo-electric print registration for individual products
- Web tracking control
- Code dating device for stick packs