

# High speed wrapping machine for chocolate bars and similar products in envelope fold

## U1-C



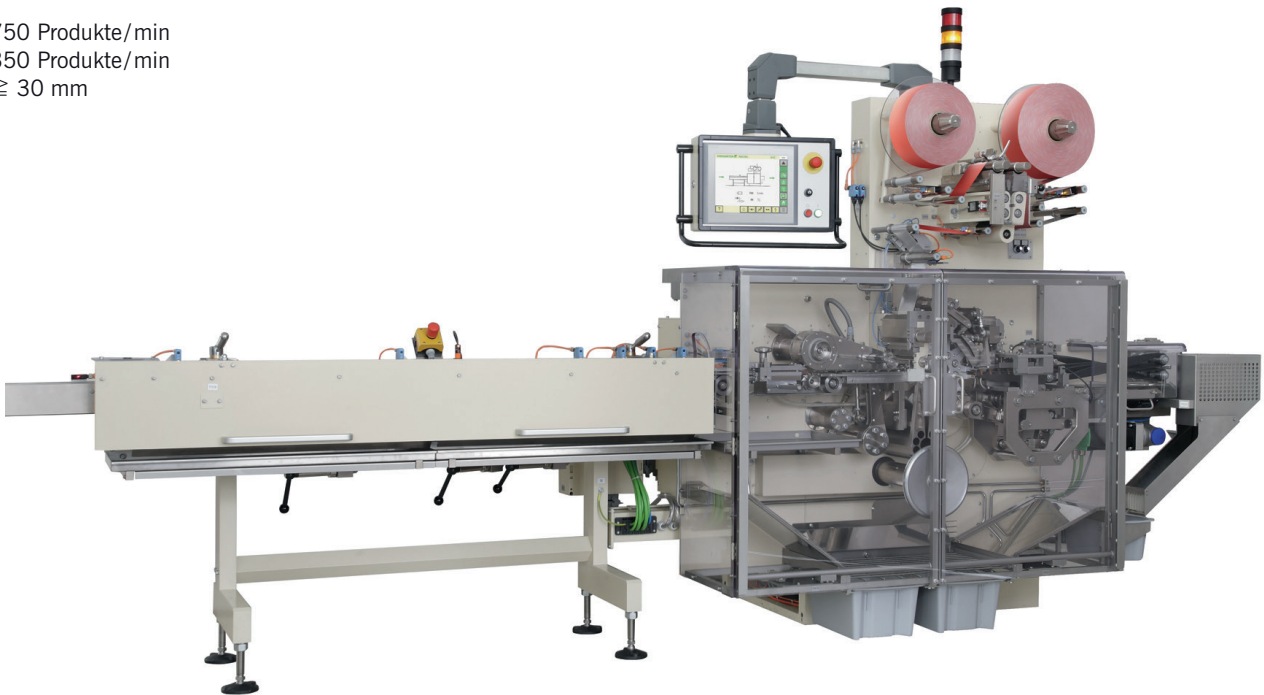
Envelope Fold

### Products

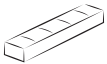
- chocolate bars

### Output

- up to 750 Produkte/min  
- up to 350 Produkte/min  
width  $\geq$  30 mm



### Product dimensions



Length: 30–120 mm  
Width: 15– 45 mm  
Height: 6– 15 mm  
Special sizes upon request

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## Wrapping material

- Aluminium foil
- aluminium/paper – coated
- cellophane
- polypropylene

## Material dimensions

- Reel diameter: up to 350 mm
- Core diameter: 70–76,2 mm

## Utilities

- Connected load: 12 kVA
- Compressed air consumption:  
1,5 m<sup>3</sup>/h; 600 kPa
- Cooling water consumption:  
0,15–0,21m<sup>3</sup>/h  
Temperature: 10 ... 15°C  
Pressure: min. 200 kPa

## Measurements

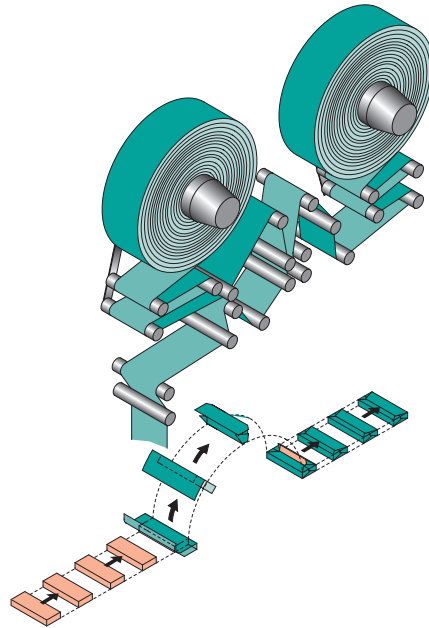
- Machine:  
Length: 1600 mm  
Width: 1310 mm  
Height: 2000 mm
- Feeding Unit:  
Length: 2100 mm  
Width: 540 mm  
Height: 1100 mm
- Switch cabinet:  
Length: 1200 mm  
Width: 500 mm  
Height: 2000 mm

## Weight

- Machine: 1820 kg
- Feeding unit: 300 kg
- Switch cabinet: 300 kg

## Combination

Instead of a direct synchronization to the production line the machine can also be supplied with separate feeding systems, for instance if the bars are provided on feeding plates. A synchronization with down-stream overwrapping (cartoning or flow-pack machines) machines is also possible.



## Special features

- Electronically controlled product feed
- A continuous transport of the bars is achieved by precisely synchronised conveying speeds of the feeding conveyors in order to avoid any accumulation pressure to the delicate products
- Automatic splicer to change wrapping material reels without stopping the machine
- Pneumatic core locking and reel tensioning devices
- Servo-driven wrapping material feed rollers and wrapping material knife
- Servo control with PLC functions
- Central lubrication of all gear parts including oil pressure control/temperature control
- All electrical and electronic components are located in a separate switch cabinet

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

## Optional extras

- Photo-electric print registration
- Special paper feeding device for the application of two separate wrapping materials (i. e. cellophane or PP films and aluminium/paper-coated) glued together on the machine by means of a gluing device
- Ejection of spliced, mal-registered and unwrapped products