

Wrapping machine for chocolate bars and similar products in letter fold with or without banderole. The particularly gentle processing of the products enables high-speed packaging.

CFW-S



Products

- moulded chocolate products
- enrobed chocolate products
- wafers

Output

- up to 800 products/min



Product dimensions



Length: 25– 150 mm
Width: 15– 50 mm
Height: 5– 25 mm

CFW-S

Wrapping material

- Aluminium foil
- Aluminium laminates
- Polypropylene
- Paper (Banderole)

Material dimensions

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

Utilities

- Connected load: 22 kVA
- Compressed air consumption:
1,5 m³/h; 600 kPa
- Cooling water consumption:
0,15 m³/h
- Temperature: 10 ... 15°C
- Pressure: min. 200 kPa

Measurements

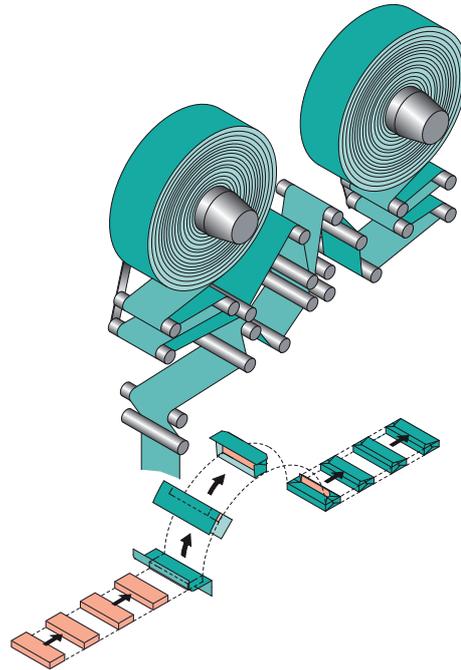
- Machine:
Length: 5200 mm
Width: 1350 mm
Height: 2490 mm
- Switch cabinet:
Length: 1800 mm
Width: 500 mm
Height: 2100 mm

Weight

- Machine: 3000 kg
- Switch cabinet: 550 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 machines (cartoning or flow-pack) is also possible.



Special features

- Electronically controlled product feed
- A continuous transport of the products is achieved by precisely synchronised conveying speeds of the feeding conveyors. This guarantees that delicate products are almost not exposed to any accumulation pressure.
- A particularly gentle handling of the products is guaranteed by overlapping conveyor stages – no roller edges between the conveyor stages
- Water-cooled feeding components to avoid product damages
- Tool-less quick-change systems for feeding and folding components for quick cleaning, maintenance and format changeover
- Most gentle product handling by active carrying of the products from the lug belt to the wrapping section
- Spring retainer jaws within the packing head compensate product tolerances
- Automatic splicer to change wrapping material reels without stopping the machine
- Ejection of spliced, mal-registered and unwrapped products
- Pneumatic core locking and reel tensioning devices
- Servo-driven wrapping material feed rollers and wrapping material knife
- Air support to stabilising the packaging material
- Servo control with PLC functions
- Central lubrication of all gear parts including oil pressure control
- All electrical and electronic components are located in a separate switch cabinet
- Quick-change systems for the packaging knife for quick cleaning and maintenance

- 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

Options

- Photo-electric print mark registration to control the wrapping material feeding system for the positioning of the print image in always same position on each wrapped product
- Detection system for manufacturer foil splices of the wrapping material (splice adhesive tapes) and ejection of the corresponding products
- automatic wrapping material web tracking control to center the wrapping material feed in direction of travel
- Additional reel holders for a second wrapping material (banderole or under strip) with automatic splicer
- 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
- Gluing device for the application of one or two glue dots for product closure
- Device for heat sealing of the wrapping material fold
- 180° turning device at the discharge to orientate the products according to the request of the secondary wrapping process