

High-speed wrapping machine for chocolate products in double twist.  
The continuous motion principle of the machine enables efficient and  
reliable high-performance wrapping of mass production.

# CHD



Double Twist  
Protected Twist

#### Products

- Deposited Chocolate Products
- Enrobed Chocolate Products  
(wafers, biscuits, cereals)

#### Output

- up to 1300 products/min

#### Product dimensions



Length: 20–45 mm  
Width: 12–25 mm  
Height: 6–18 mm



# CHD

## Wrapping material

- Wax paper
- Cellophane
- Polypropylene
- Polyethylene

## Material dimensions

- Reel diameter: up to 400 mm
- Reel width: up to 120 mm
- Core diameter: 70–76,2 mm

## Utilities

- Connected load: 8 kVA
- Compressed air consumption: 1 m<sup>3</sup>/h; 600 kPa

## Measurements

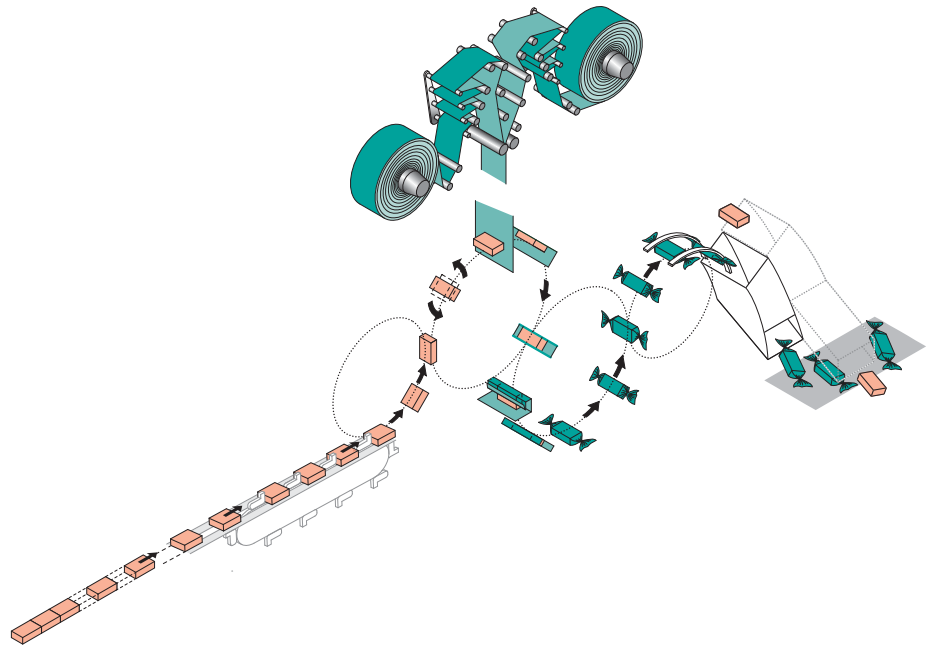
- Machine:
  - Length: 4600 mm
  - (with 4-stage accumulation conveyor = 5125 mm)
  - Width: 1650 mm
  - Height: 1890 mm
- Switch cabinet:
  - Length: 2000 mm
  - Width: 500 mm
  - Height: 1900 mm

## Weight

- Machine: 3000 kg
- Switch cabinet: 500 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

- Servo control with PLC functions
- A particularly gentle handling of the products is guaranteed by the continuous motion principle
- machine speed control depending on the availability of products
- Phasing and feeding belt for product synchronisation
- Saving of wrapping material by “no product – no paper” -device
- Infinitely variable adjustment of the twist gripper oscillation depending on the wrapping material quality
- Photo-electric print registration
- Pneumatic core locking and reel tensioning devices
- Driven wrapping material reels
- Servo-driven wrapping material feed rollers and wrapping material knife
- Automatic splicer to change wrapping material reels without stopping the machine
- Ejection of spliced, mal-registered and unwrapped products

- 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
- System of protection: IP 54

## Options

- Additional reel holders for a second wrapping material (under strip) with automatic splicer
- Web tracking control
- Pressure-less product feeding
- Optional device for hermetically sealed, airtight packages (“Protected Twist”)