Horizontal wrapping machine
CL 020 - 400 / 600 / 800 / 1000

A machine for
universal application

The CL 020 was designed according to our sophisticated, well-established solutions for your applications, which have proven their worth in the market, and is fully CE compliant. This is a semi-automatic Circle Line wrapping machine that can be used for long goods, stack packaging, tray packaging, cardboard boxes and sheet formats.

A hold-down unit function can be activated to permit a semi-automatic wrapping process. During this process, two powered conveyor rollers approach the product from the top and ensure that there is no slip-page during product transport. The feed speed is adjustable on an operating unit. In addition, different processing programs are available. The wrapping material is cut and supplied by an automatic film holder and linear cutter.

The roller tables upstream and downstream of the wrapping head can be adjusted to the required height based on the application and product dimensions. The cylindrical rollers are PU-coated. The continuously adjustable braking roller ensures an even film tension, thereby guaranteeing the machine’s high wrapping quality. Our special machine design allows for risk-free operation directly in the wrapping area of this modern, reliable wrapping machine.

Application:

The products are manually pushed into the wrapping area on the roller conveyor of the machine. The wrapping process is started by the operator based on the selected processing mode.

Manual mode
The wrapping ring is started by pressing the foot pedal switch. The wrapping ring stops at a defined position when the foot pedal switch is released. The film is gripped and cut by an automatic film holder and linear cutter. The product is transported manually.

Feed-supported mode
The wrapping ring is started by pressing the foot pedal switch. If the product is just downstream of the wrapping ring, the hold-down unit is lowered onto the product. The powered rollers execute the feed process until the user releases the foot pedal switch. The film is gripped and cut by an automatic film holder and linear cutter.

Feed-supported mode with product end detection
The wrapping ring is started by pressing the foot pedal switch. If the product is just downstream of the wrapping ring, the hold-down unit is lowered onto the product. The user can now release the foot pedal switch. The powered rollers execute the feed process until the product end is detected and the product feed is automatically stopped at the desired position. The film is gripped and cut by an automatic film holder and linear cutter. Up to 20 programs can be saved.

Equipment features
The basic machine can be equipped with three different film accommodation mandrels with diameters of 30, 38 or 76 mm.

Design options
You decide based on your desired market image which special RAL colours to use for the machine supplied by us.

All machines from Wrapsolut can be used inline. More info under www.wrapsolut.de
Accessories

✓ Start key
   Additional start key with magnetic foot for machine operation from two positions.

✓ Expansion kit
   An additional expansion kit with an operating panel including an EMERGENCY STOP button and foot pedal switch with a magnetic foot for machine operation from two positions is available on request.
Technical data for CL 020 - 400 to 1000

- Operating unit for:
  - ring speed
  - operating modes
  - programs
  - program parameters
  - manual operation
  - service area
- Safety closing mechanism of the film change flap

<table>
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<th>Machine size</th>
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<th>HR**</th>
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Dimensions in mm

Technical changes reserved

- Product cross section (mm): 400 / 600 / 800 / 1000 (maximal)
- Wrapping ring speed: 4,1 / 3,1 / 2,5 / 2,0 (pro Sekunde, maximal)
- Film width: 125 mm (maximal)
- Film roll exterior Ø: 200 mm (maximal)
- Roll core / film accommodation mandrel: available in Ø 30 mm, 38 mm (1,5"), 76 mm (3"
- Electrical connection: Mains voltage 3 x 400V+N+PE
  - Power plug 16A / CEE
  - Control voltage 24 VDC
- Pneumatic connection: Supply pressure 6 to 12 bar
  - Air treatment dried / oil-free
  - Plug-in coupling, nominal diameter 7.2

Tongue in wrapping area

The tongue in the wrapping area is an aid for supporting flexible and/or short products during transfer from the infeed to the outfeed conveyor and holding them in place during the wrapping process.

Left picture: Film roll pick up unit with external brake roll

Right picture: Automatic film holder and cutter
Our customised solutions for your industry through:

✔ technical consultation and project support
✔ machine development (mechanical and electrical)
✔ PLC control development and programming
✔ machine production and assembly
✔ delivery, commissioning and instruction
✔ reliable and quick service and delivery of spare parts

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