

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



A machine for  
universal application



**Holding. Wrapping. Packaging.**



## Machine description

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](http://www.wrapsolut.de)



## Accessories



### Start key

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

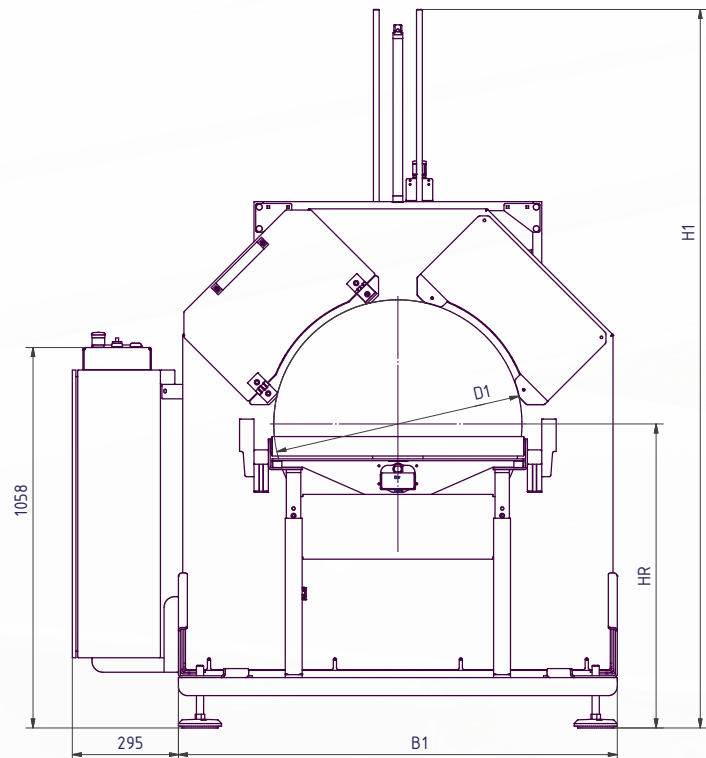
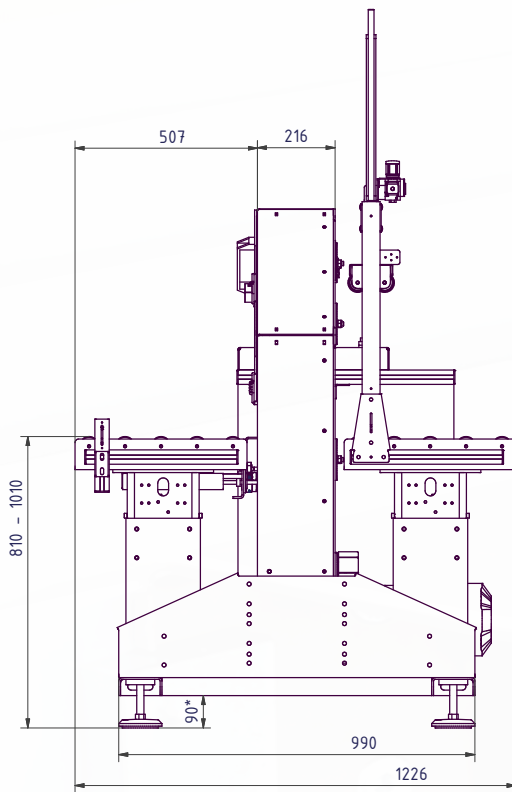


### Expansion kit

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



\* adjustable between 45 mm and 115 mm  
 \*\* adaptable to +25 mm / +55 mm / +110 mm  
 Dimensions in mm  
 Technical changes reserved

machine size	D1	B1	HR**	H1**
CL 020 - 400	490	1020	745	ca. 1700
CL 020 - 600	690	1220	845	ca. 2000
CL 020 - 800	890	1420	945	ca. 2300
CL 020 - 1000	1090	1620	1045	ca. 2600

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

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 24VDC
Pneumatic connection	Supply pressure 6 to 12 bar Air treatment dried / oil-free Plug-in coupling, nominal diameter 7.2

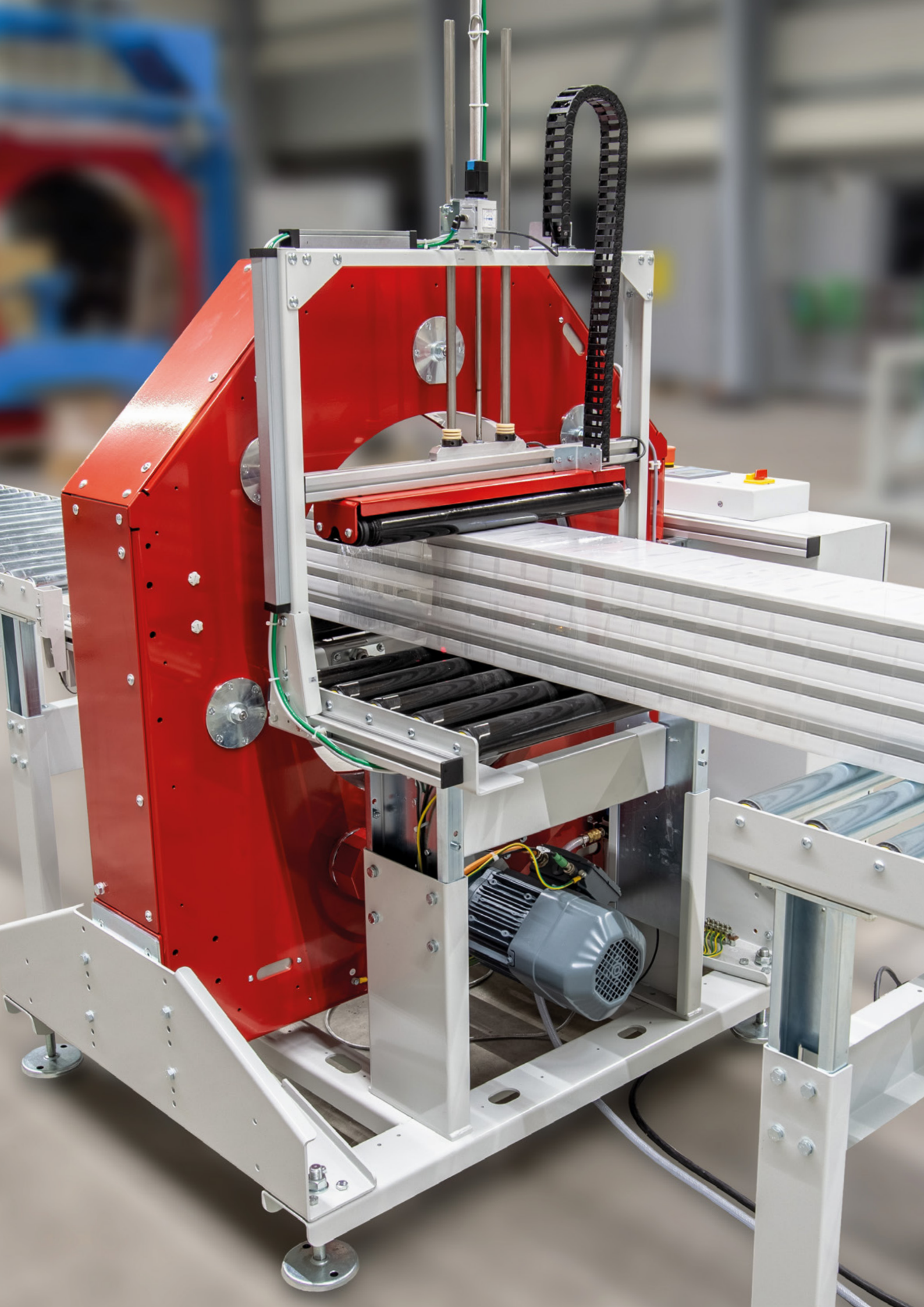
## ✓ Tongue in wrapping area

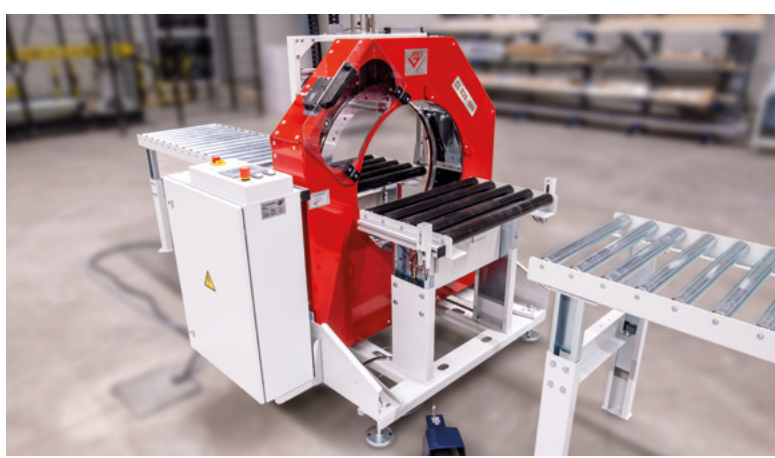
The tongue in the wrapping area is an aid for supporting flexible and/or short products during transfer from the infeed to the outfeed conveyor and holding them in place during the wrapping process.



**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

All machines from Wrapsolut can be used inline. More info under [www.wrapsolut.de](http://www.wrapsolut.de)



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