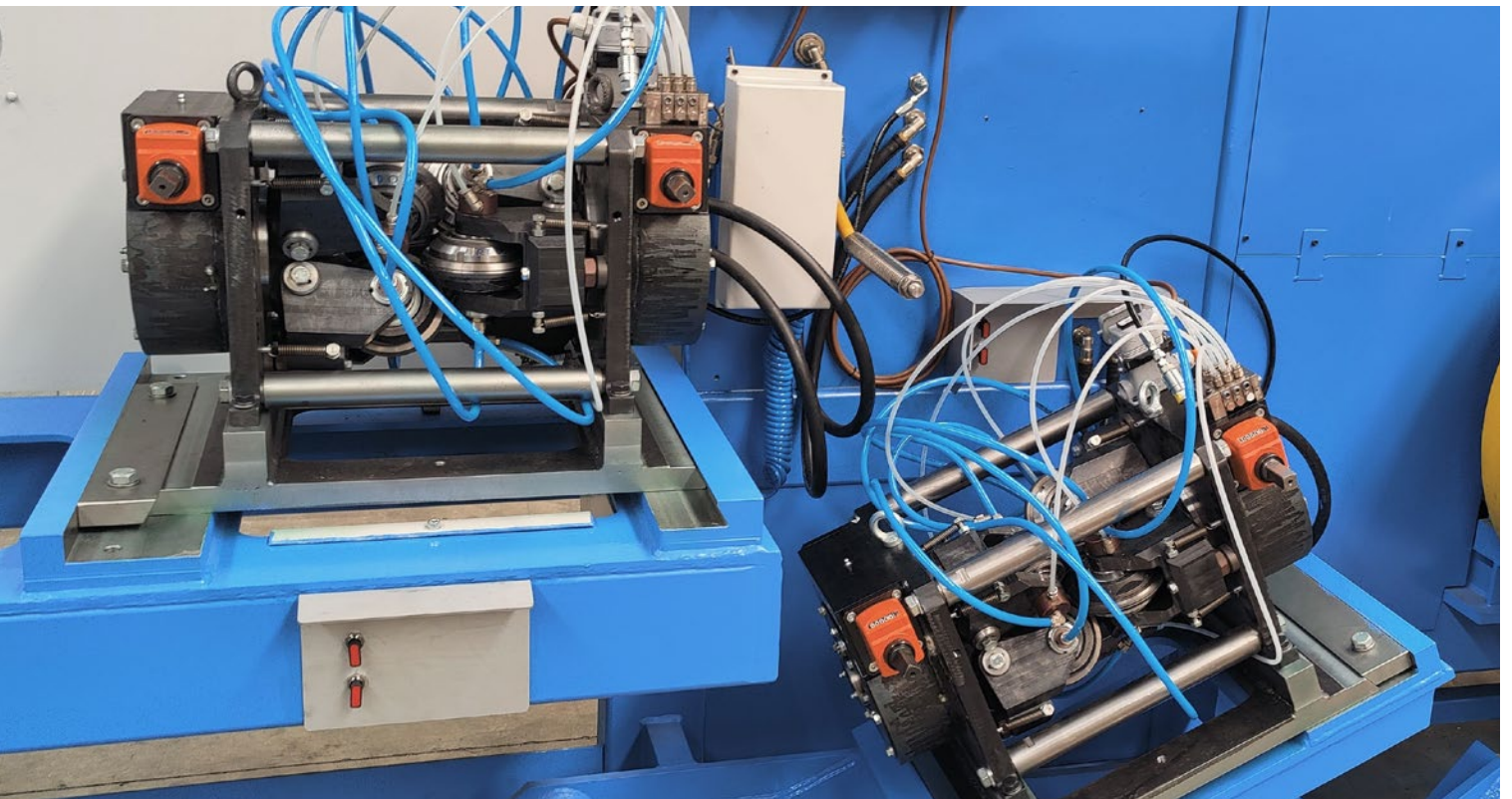


Rolling Cassette RC25, RC30

The RC rolling cassette models are specifically designed for the cold-rolling process of industrial and reinforcing wire, with a maximum entry diameter of 18.0 mm and a minimum exit diameter of 3.0 mm.



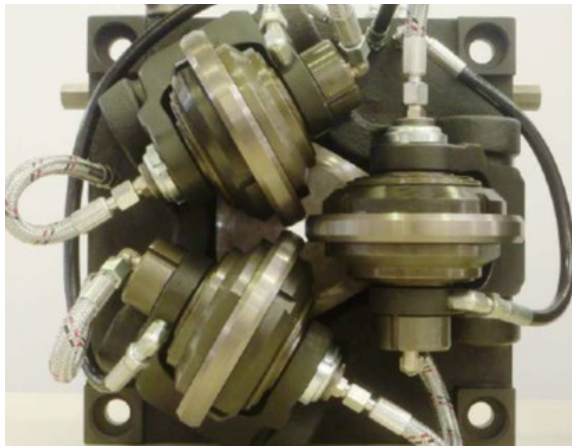
General characteristics

- The cold-rolling cassette consists of two sets of three rolls, each designed to form three equidistant planes at 120° to one another.
- In the rolling cassette, the tungsten carbide rolls are adjustable both axially and radially.
- The roll holders are mounted onto the cassette using pins with a series of holes and are connected to a cooling system required to dissipate the heat generated during the rolling process.
- Each cassette is equipped with two independent cooling systems - one for each of the two wire entry and exit groups.
- The cassette is also equipped with a manual handle that allows simultaneous radial adjustment (opening and closing) of the rolls according to the required reduction.
- For lubrication of the roll holders, the cassette features a distributor that conveys grease through six pipes and pins to the roll-holder support bearings.
- Lubrication of the roll holders can be carried out either automatically or manually.

Technical specifications

Overview

Cassette typ	Number of rolls	Ø Max inlet (mm)	Ø Min outlet (mm)	Roll dimensions (mm)	Pin dimensions (mm)	Wire type (low or medium carbon)
RC25-S	3 + 3	10.0	3.0	125x82x15/20	25.0	smooth / ribbed wire
RC30-M	3 + 3	15.0	4.0	140x90x15/20	30.0	smooth / ribbed wire
RC30-L	3 + 3	18.0	4.0	140/150x90x15/20/25	30.0	smooth / ribbed wire



Rolling cassette RC25-S

Number of rolls	3 + 3
Roll size:	
- outer diameter	125.0 mm
- inner diameter	82.0 mm
- thickness	15.0 / 20.0 mm
Diameter of the pins supporting the rolls	25.0 mm
Length	620.0 mm
Width	360.0 mm
Height	305.0 mm
Height from base to wire axis	150.0 mm
Weight without rolls and roll holders 150 kg	180 kg
Opening/closing of rolls	by means of a handle (supplied with the cassette)
Axial adjustment of each roll	+/- 0.05
Diameter working range	3.0 - 10.0 mm
Maximum diameter of entry wire	10.0 mm (low carbon steel)

Rolling cassette RC30-M

Number of rolls	3 + 3
Roll size:	
- outer diameter	140.0 mm
- inner diameter	90.0 mm
- thickness	15.0 / 20.0 mm
Diameter of the pins supporting the rolls	30.0 mm
Length	670.0 mm
Width	400.0 mm
Height	360.0 mm
Height from base to wire axis	180.0 mm
Weight without rolls and roll holders 150 kg	230 kg
Opening/closing of rolls	by means of a handle (supplied with the cassette)
Axial adjustment of each roll	+/- 0.05
Diameter working range	4.0 - 15.0 mm
Maximum diameter of entry wire	15.0 mm (low carbon steel)

Rolling cassette RC30-L

Number of rolls	3 + 3
Roll size:	
- outer diameter	140.0 / 150.0 mm
- inner diameter	90.0 mm
- thickness	15.0 / 20.0 / 25.0 mm
Diameter of the pins supporting the rolls	30.0 mm
Length	700.0 mm
Width	500.0 mm
Height	360.0 mm
Height from base to wire axis	200.0 mm
Weight without rolls and roll holders 150 kg	345 kg
Opening/closing of rolls	by means of a handle (supplied with the cassette)
Axial adjustment of each roll	+/- 0.05
Diameter working range	4.0 - 18.0 mm
Maximum diameter of entry wire	18.0 mm (low carbon steel)

The technical data is non-binding and does not guarantee any properties.