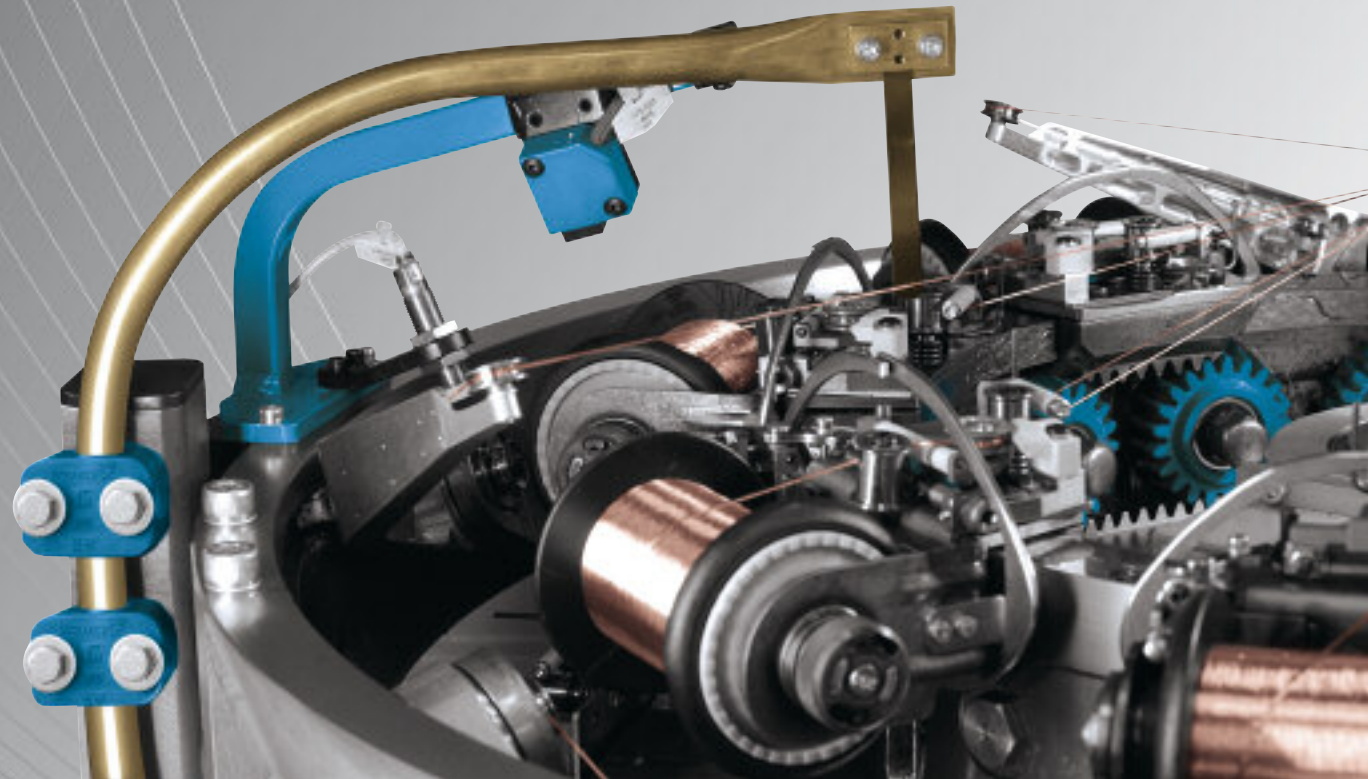


Empty Bobbin Detection System

For Braiding
Machines



In co-operation with:



Optical sensors for scanning the wire layers on the braiding bobbins down to the barrel

Function

- optical scanning of the wire layers
- machine stop when the barrel of the bobbin is identified
- reduction of wire wastage (V7.3 only) through infinitely variable adjustment of the number of rotor turns to standstill
- wire break detection with automatic machine shutdown (V9.0 only)
- suitable for retrofitting
- for use on braiding machines with 12, 16, 24 or 36
- bobbins (4 to 198 bobbins available on request)



Empty bobbin detection system / version

V 7.3

- for lever arm braiding machines

V 8.0 or V 9.0

- for deflector braiding machines
- for Magpole braiding machines

Advantages:

- reduction of wire wastage on the spool by up to 50%
- reduction of braiding defects caused by loose wire ends at the end of the bobbin pay-off
- minimization of faults during the extrusion process
- increased quality of the end product



Simple installation

- separate sensors for each bobbin crown
- stability of the sensors ensured by profile supports
- machine-integrated relay-based stop function
- separate control interface for retrofitting braiding machines

Simple calibration of the optical sensors for different bobbin formats and colours

- contactless optical scanning of the bobbin barrel
- visible red light spot simplifies calibration
- suitable for all bobbin formats and all bobbin colours

Suitable for different materials

- optical sensing of wire, textiles and plastics
- also suitable for yarns on cardboard bobbins
- independent of the colour of the model bobbin

Minimal wire wastage on the spool

- stepless rotor control up to a maximum of 999 revolutions after detection of the bobbin barrel



(We reserve the right to modify technical specifications according to technical improvement and advances.)

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