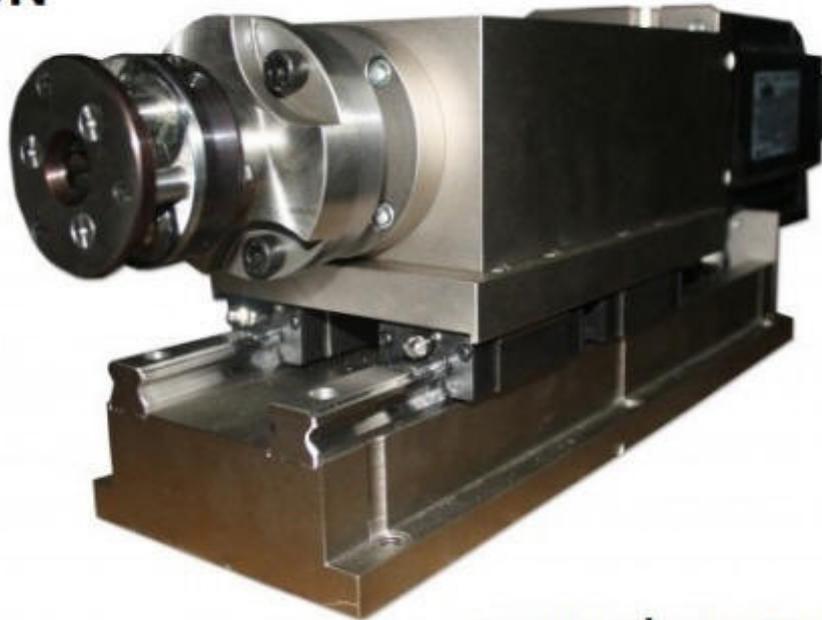


Multi-function CNC head for wire rod.

CM-12-CN Ø 3 to 12 mm
Multi-function CNC head for wire rod.



CM-12-CN



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Autonomous equipment

Composed by: Multifunction head with travelling carriage, electric panel, screen for programming and lubrication spray.

The CNC head that allows to couple the tools to make threads, chamfers, bending on axis and winding for springs.

Description.

Multi-function CNC head for wire rod.

- The wire head is a CNC unit that can be equipped with different interchangeable tools to perform different functions.
- It can act as a stand-alone unit, or it can be coupled by communicating with any machine.
- It communicates and programs via PLC.
- It is supplied:



Construction of Machinery for wire deformation

- The autonomous multi-function CN head with the sliding carriage, electrical panel, programming screen and adjustable spray for lubrication of the rod .
- The functional tools of the head that the customer requires:
 - Pointed chamfering
 - Metric 3 to metric 12 stock removal threads.
 - Threading by rolling from metric 3 to metric 12
 - Folding on axis
 - Roll up to make springs.
- Optional accessories:
 - Pneumatic clamp to hold the rod.
 - Stop for automatic start of the sequence.
 - Base plate with protection covers.
- It is mounted on a carriage that moves on ball slides.
- The electrical panel controls all functions.
- A pneumatic clamp to hold the rod in the threading or chamfering process.
- The stop that automatically starts the process, increasing productivity.
- The adjustable sprayer for greasing the rod.
- The base plate with protection caps
- The head is characterized by:
 - The robustness, reliability, precision and minimum maintenance.
 - It can be synchronized with any other machine.
 - Speed in the execution of the function.
 - It allows an easy and quick change of parameters.
- Complies with European regulations approved and required by the CE: Machines 2006/42/CE.
- It is a robust, productive and low maintenance machine.

Capability

Multi-function CNC head for wire rod.

Model	CM-12-CN
Autonomous multifunction CNC head:	
- CNC	Yes
- Headstock with displacement trolley	Yes
- Electric panel	Yes
- Screen for programming	Yes
- Spray lubrication of the rod	Yes



Construction of Machinery for wire deformation

Ø Wire	3 to 12 mm
Head tools:	
- Pointed bevelling	Optional
- Threading by machining:	Optional
- Metric M3 to M12	On request
- Thread length up to 60 mm	On request
- Threading by rolling:	Optional
- Metric M3 to M12	On request
- Thread length up to 60 mm	On request
- Folding on axis	Optional
- Rolling (Springs):	Optionall
- Spring length up to 40 mm	On request
Equipment:	
- Pneumatic clamp to hold the rod.	Optional
- Rod stop for automatic ejection	Optional
- Base plate with protection covers.	Optional
Communication	Ethernet
Axis control	Yes
External encoder	Yes
Servos	2
The head:	
- Measures	To consult
- Weight	To consult
- Installed power	To consult
- Input voltage	To consult
Documentation: Spanish or English	On request
Certifications: Reference / Country	On request
External risk assessment (Pilz)	On request
Manufacturing period	+/- 2 months



Construction of Machinery for wire deformation

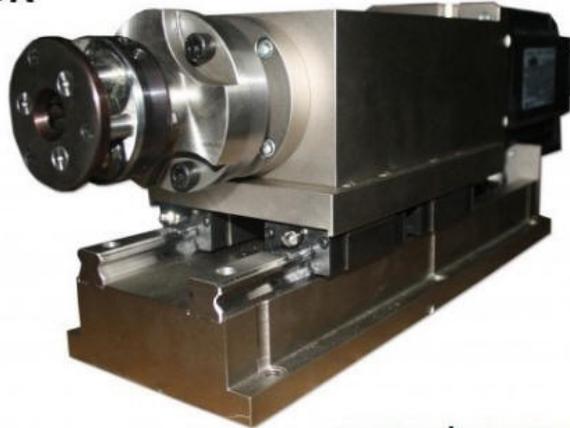
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20.12.13

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