

CN machine for straightening and cutting wire rod.

MEC-5-CN-80 / MEC-8-CN-80 Ø 2 to 8 mm
CN machine for straightening and cutting wire rod.

MEC-5-CN-80
MEC-8-CN-80



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Programmable CN machine to straighten and cut the wire. Rotating nozzles, extreme precision without stops and a clean cut. Length precision +/- 0.1mm

Description.

CN machine for straightening and cutting wire rod.

It is a machine by numerical control and programmable.

It is mounted on a bench equipped with an electric panel, an extendable control, a drag box, a rotary straightener with nozzles, cutting and ejection mechanisms for the cut rod.

It is fed by a wire coil from a motorized decoiler.

There are two versions according to the wire thickness admitted:

Model	Wire		Speed Meters / minute
	Ø Thickness	Hardness	
MEC-5-CN-80	2 to 5 mm	800 N/mm ²	0 to 80
MEC-8-CN-80	4 to 8 mm	800 N/mm ²	0 to 80

The length of the bench determines the maximum length of the rod.

It is characterized by:

- The accuracy of the cut rod length: +/- 0.1 mm.
- No physical stops are required. The length is programmable from the touch screen.



Construction of Machinery for wire deformation

- A clean cut.
- Adjustable feeding speed.
- Versatility and ease in changing the length of rod and / or thickness

It is governed by a PLC:

- It is programmed from a touch screen,

The screen:

- It visualizes all the necessary information of the production and incidences.

Complies with European regulations approved and required by the EC: Machines 2006/42/EC.

It is a robust and productive machine with minimum maintenance.

Capability.

CN machine for straightening and cutting wire rod.

Model	MEC-5-CN-80	MEC-8-CN-80
Numerical Control	Yes	Yes
Touch screen programming	Yes	Yes
Feeding	Wire roll	Wire roll
Wire:		
- Ø Thickness	2 to 5 mm	4 to 8 mm
- Rod hardness	800 N/mm2	800 N/mm2
Cut rod:		
- Minimum length	10 mm	10 mm
- Maximum length	6 m	6 m
- Length: physical stop	Don't need	Don't need
Adjustable maximum speed	80 m / minute	80 m / minute
Bench 1 to 6 meters	On request	On request
Time to change:		
- Rod length (Programmable)	10 seconds	10 seconds
- Wire thickness	+/- 15 minutes	+/- 15 minutes
CN drag box:	2	2
- Box rollers	2	2
Rotary straightener	Yes	Yes
Adjustable rotation speed rpm	500 to 8000	500 to 8000
Straightening nozzles	5	5



Construction of Machinery for wire deformation

Rod cutting	Servomotor	Servomotor
Length precision	+ - 0.1 mm	+ - 0.1 mm
External encoder	Yes	Yes
Servos	Yes	Yes
Programmable PLC	Yes	Yes
Communication	Ethernet	Ethernet
Touch screen	Yes	Yes
Extendable control	Yes	Yes
Machine:		
- Measurements	To consult	To consult
- Weight	To consult	To consult
- Installed potency	To consult	To consult
- Input voltage	On request	On request
Documentation: Spanish or English	On request	On request
Manufacturing time	+ - 3 months	+ - 3 months
Equipment to complete the installation:		
- Motorized decoiler 1000 Kg	On request	On request
- Perimeter security fence for the decoiler	On request	On request

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Wire forming machines manufacturer

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The company - Machines - Accessories - Heads - Location - Contact

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