

CNC Bending table for manual bending of de wire rods.

D-CN-10-M / D-CN-16-M Ø 1 to 16 mm
CN Bending table for manual bending of de wire rods.



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Horizontal bending table for rod with a Numerical Control programmable rotary plate with bending cores.

Description.

Models.

CNC Bending table for manual bending of de wire rods.

Model	Ø Wire	Wire Hardness
D-CN-10 M / 800	1 to 10 mm	800 N/mm ²
D-CN-16 M / 1800	1 to 16 mm	1800 N/mm ²

It is a horizontal rod bending table with programmable numerical control rotary plate with bending cores. It is mounted on a bench equipped with an electrical panel, a screen, a bending head and support tools. On the table there are several 'T' shaped regattas to be able to fix stops and different support tools in any position.



Construction of Machinery for wire deformation

The bending head.

It consists of a programmable CN turntable.

The turntable:

It is where the core and the bending roll are attached.

The core determines the bend radius and can be changed. The table includes 4 cores with different radii. There is the option to order more cores.

It allows to fix the bending roller in different positions and that together with the bending core allows to make infinite angles in the rod.

Turntable rotation:

It is governed by a servomotor.

It supports programming up to 10 bending sequences with different turning angles.

The operator:

You must insert the core, fix the bending roller and the support tools, put the stops that make your work easier, program or activate the chosen program.

Manually you must position the rod for the successive bends until the piece is finished.

You can choose to finish a part in one or more stages depending on the complexity or the production rate.

There is the option of equipping the table with a NC programmable movable stop.

The movable stop to CNC.

It has the function of automatically positioning a stop for the rod and speed up the work of the operator.

Sequences of up to ten stop positions can be programmed.

The work surface of the table can be extended with a 1 meter folding wing.

Versions:

Depending on the thickness and hardness of the rods, we can choose different versions

It is characterized by:

- Quick and easy change of bending tools.
- Easy and fast programming by the operator.
- It is universal, versatile and the costs of the tools are economical.
- The arrangement of the bending tools and the programming allow an infinity of combinations.
- Guarantees a perfect dimensioning.
- It is ideal for the manufacture of short series and prototypes.
- According to the sequence of bends it allows to make pieces in 3D.

Steering the machine:

- It is governed by a PLC.
- It is programmed from the touch screen.
- Programming is sequential, very fast and easy. It is designed so that the operator can create or modify all operating cycles, movements and times.
- Allows you to store the models of programmed sequences.

Touch screen:



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- All the necessary information on production and incidents is displayed on the screen
 It complies with the European regulations approved and required by the CE: Machines 2006/42 / CE.
 It is a robust, productive machine with minimal maintenance.

Capability.

Models.

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Model	Ø Wire	Wire Hardness
D-CN-10 M / 800	1 to 10 mm	800 N/mm2
D-CN-16 M / 1800	1 to 16 mm	1800 N/mm2

Machine	
Wire rod:	
- Ø Wire 1 to 16	According to the model
- Thiechness 800 to 1800 Nmm2	According to the model
Numerical Control - CNC	Yes
Touch screen programming	Yes
Manual feeding	Cut rod
Bending cores:	
- Included in the machine	4
- Diameters	On request
Bending angle accuracy	0,02º
Programmable bending sequences	10
CN movable stop sequences: 10 positions	Optional
Servos	1
Programmable PLC	YES
Communication	Ethernet
Touch screen	Yes
Machine:	
- Perimeter security fence	No

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- Measurements: + - meters	700 x 1300 x 1000
- Table extension with folding wing	700 x 1000
- Weight	+ - 450 Kg
- Installed potency	To consult
- Input Voltage	On request
Documentation: Spanish or English	On request
Certifications (normative reference)	On request
External risk assessment (Pilz)	On request
Manufacturing period	+ - 3 months

Photo gallery:

D-CN-16-M



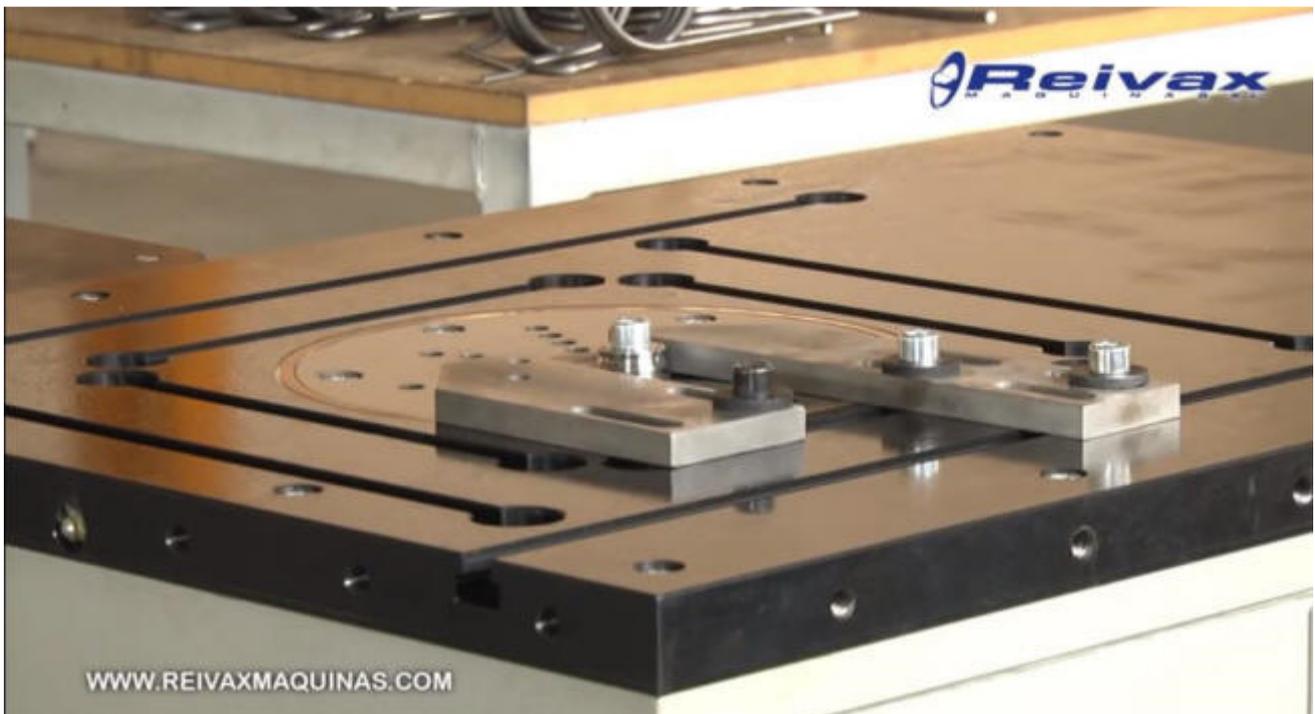
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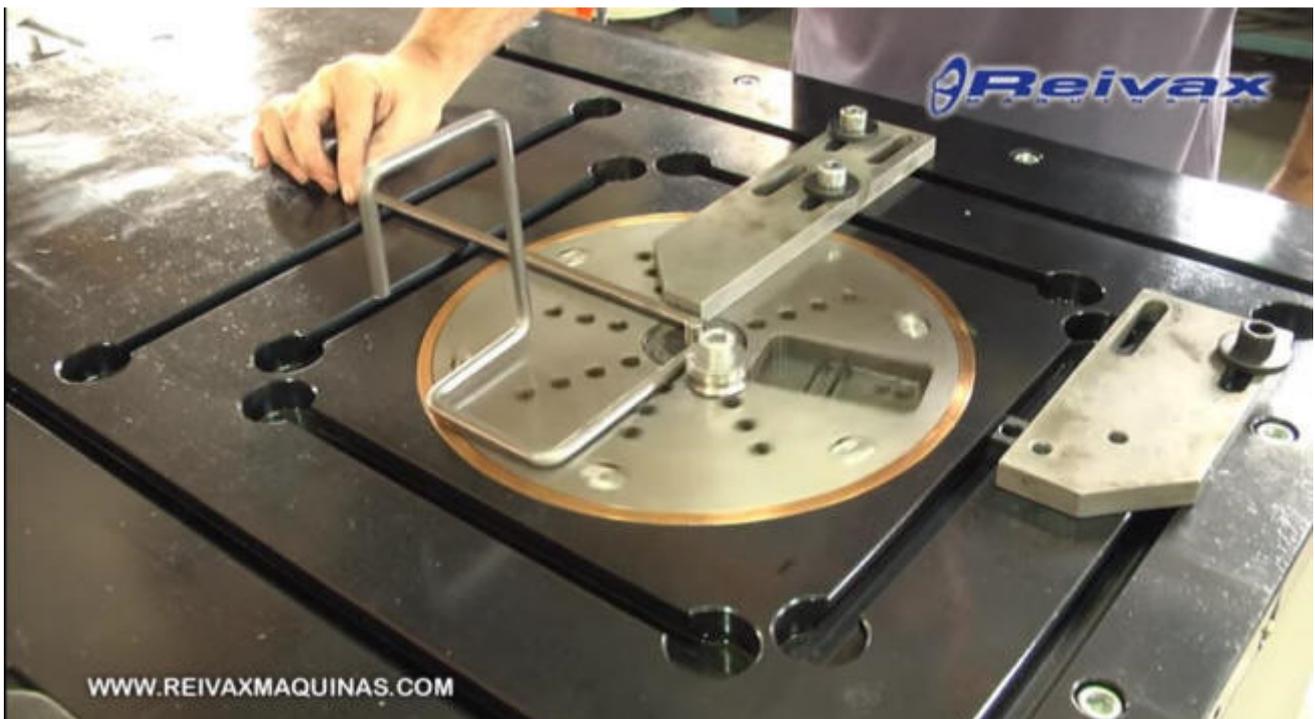


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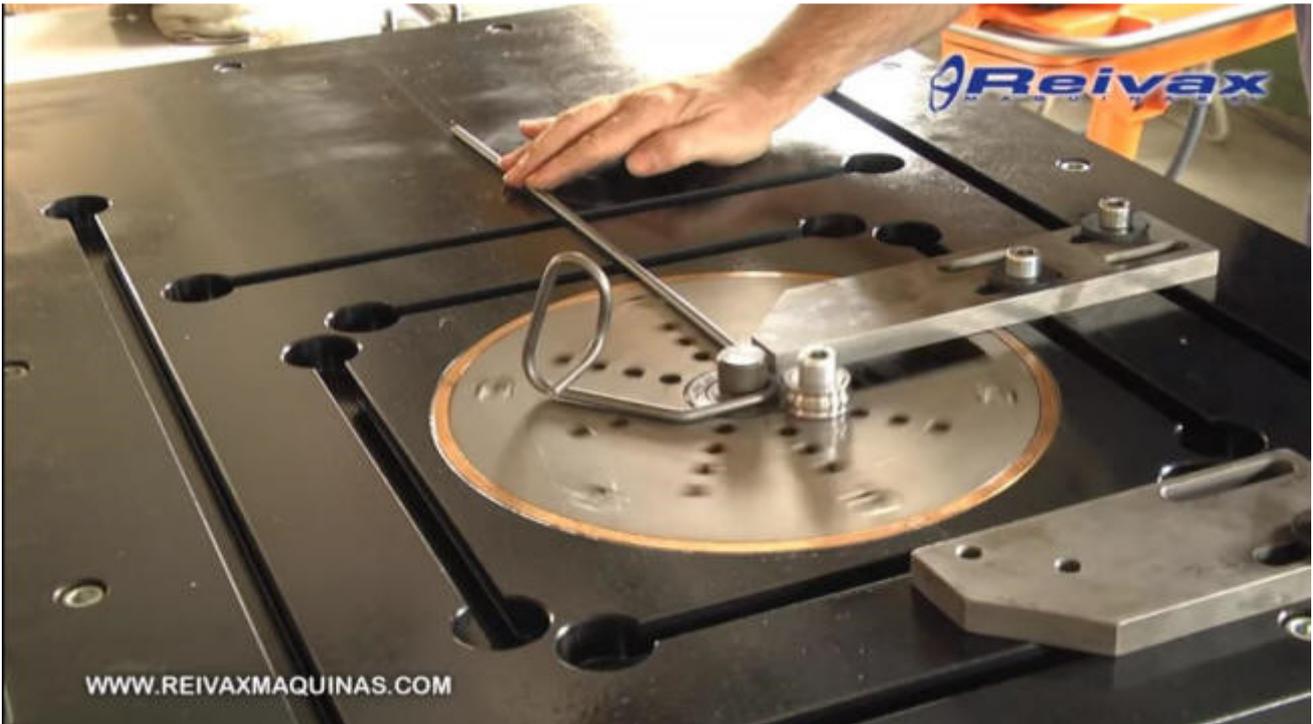


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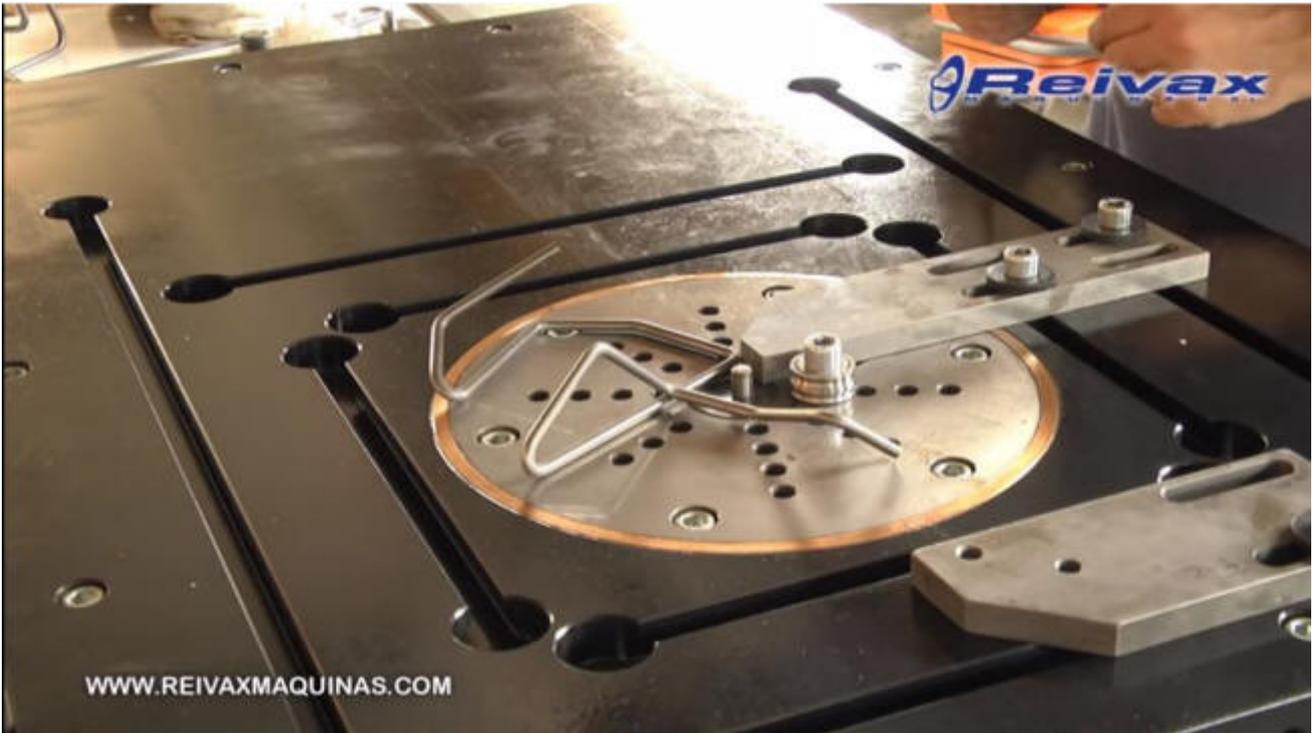


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2.2. Producción



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2.3. Datos pieza



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