

Machine for manufacturing paint rollers.

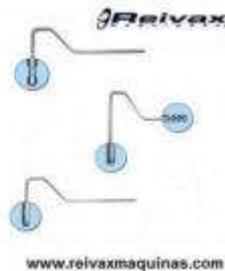
MR-8 / MR-8-M Ø 3 to 8 mm

Machine for manufacturing paint rollers.



Without handle insert

[See details and video](#)



With handle insert

[Download printable brochure](#)

Hydraulic bender to manufacture practically all models of rollers on the market, with different finishes and with the option of inserting the handle to the roller.

Types of paint roller finish



Reivax Máquinas
MR-8 & MR-8-M Machines
Paint Rollers
www.reivaxmaquinas.com

Construction of Machinery for wire deformation

Description.

Machine for manufacturing paint rollers.

It is a hydraulic bender with tools.

It is fed by wire roll from motorized winder.

It can manufacture practically all models of rollers, with high production and high quality finishes.

It is mounted on a bench equipped with an electrical panel, a keypad, an external control, a straightener, a drag box, a cutting blade, bending tools and the ejection mechanisms for the finished roll.

The folding tools can be moved to make any roll stocking.

The machine can make different types of finishes:

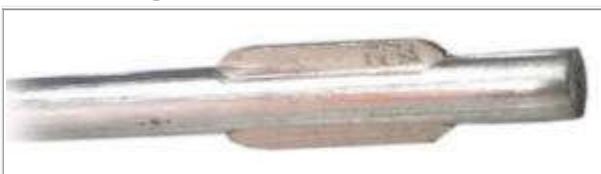
Options: Pointed finishes:

	
A1 - Chamfer	A2 - Chamfer with regatta
	
A3 - Rolling thread	A4 - Thread for chip removal

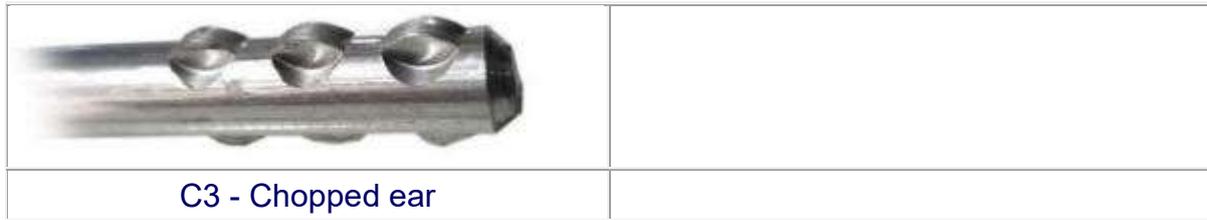
Options: Roller stopper

	
B1 - Roller stop ear	

Options: Fixing the handle:

	
C1 - Flat Ear	C2 - Mini Flat Ear

Construction of Machinery for wire deformation



Depending on the finishes of the roller, the machine can be equipped with:

- 1/ A 30 TM hydraulic press for the sausage that is used to nail the handle.
- 2/ A 15 TM hydraulic press for the sausage that serves to make the top of the roller.
- 3/ A CN threader for drawing or chip removal threads. The estimated threading time is 0.25 seconds.
- 4/ A blade chamfer to make the chamfers at the tip of the rod. The estimated chamfering time is 0.20 seconds.
- 5/ A blade chamfer with built-in jaw to make chamfers or regattas on the rod. The estimated race time is 0.30 seconds.

There is the option of inserting the handle to the roller, so the machine is equipped with: A group for nailing the handle to the roller, a handle vibrator, a conveyor belt, an extractor clamp, a clamp for nailing the handles and the regulating spindles.

There is the option of automating the feeding, so the machine is equipped with a tank for loading.

There is the option of soundproofing the handle feeder so the machine is equipped with a soundproofing hood.

There is the option to insert the plastic handle in the bending process.

- The machine is equipped with a rotating hopper, mechanisms for positioning and moving the handles for insertion.

The machine is characterized by:

- Allows an easy and fast change of models.
- Great productivity.

It is governed by a PLC:

- It is programmed from touch screen,
- Programming is quick and easy for the operator.
- It allows to store the programmed models.

The screen:

- View all the necessary information on production and incidents.

It has a remote control module installed to be operated via the Internet.

It complies with the European regulations approved and required by the CE: Machines 2006/42 / CE.

It is a robust, productive and low-maintenance machine.

Fabrication process:

The machine is controlled and governed from an electrical panel.

Feeding is by roll.



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The wire is straightened, fed and through a transfer system, all the operations that the piece needs are carried out (pressing, threading, chamfering, etc.)

The rod is shaped by the bending tools.

The finished roll is ejected.

If there is the option to insert the handle.

- The handles from the vibrator are positioned on the transport belt.
- Once the shaping of the roller is finished, it is transferred to the nailing station.
- By means of a clamp, the handle of the tape is collected and positioned up to the nailing group.

Capability.

Machine for manufacturing paint rollers.		
Model	MR-8	MR-8-M
Feeding	Wire roll	Wire roll
hydraulic bending with tools	YES	YES
Ø Wire	3 to 8 mm	3 to 8 mm
Rod / Wire Hardness	1200 N/mm ²	1200 N/mm ²
Sequential motion programming	YES	YES
Roller models - Measured - Drawings	On request	On request
Options: Pointed finishes:		
A1 Chamfer	A2 Chamfer with regatta	On request
A3 Rolling thread	A4 Thread for chip removal	
Options: Roller stopper		
B1 Roller stop ear		On request
Options: Fixing the handle:		
C1 Flat Ear	C2 Mini Flat Ear	On request
C3 Chopped ear		
Touch screen programming	YES	YES
CN drag box:	ACN-8	ACN-8
- External encoder	YES	YES
- Precision of advance	+/- 0,1 mm	+/- 0,1 mm
Straightener:	YES	YES
- Horizontal body rollers	7	YES
- Vertical body rollers	7	YES



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Rod cutting	Hydraulic	Hydraulic
Motorized uncoiler	Optional	Optional
Handle hopper	NO	YES
Handle insert	NO	YES
Soundproof bell vibrator handle	NO	Optional
Handle tank for automatic loading	NO	Optional
Estimated production: Rollers / hour	2000 / 3000	1400 / 1800
Servos	YES	YES
Programmable PLC	YES	YES
Communication	Ethernet	Ethernet
Touch screen	YES	YES
Extendable control	YES	YES
Remote control (Internet)	YES	YES
Machine:		
- Measurements: + - L / A / A meters	4 x 3	6 x 4
- Weight	+ - 2800 Kg	+ - 3600 Kg
- Installed potency	30 Kv	35 Kv
- Voltage	On request	On request
Documentation: Spanish or English	On request	On request
Manufacturing	+ - 5 months	+ - 5 months

Reivax Máquinas S.L.

www.reivaxmaquinas.es

English
Spanish



Wire forming machines manufacturer

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