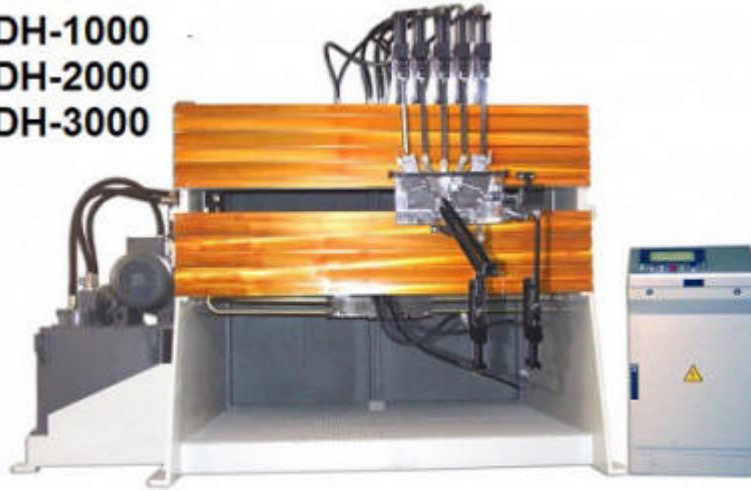


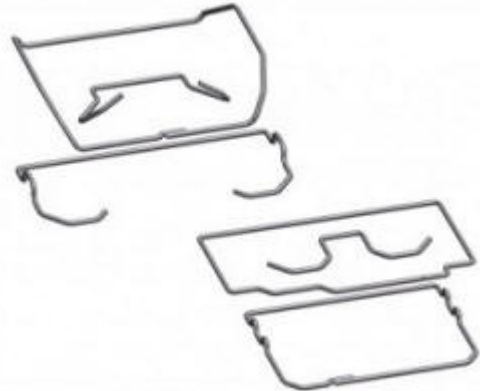
# Hydraulic wire bending machine with tools.

DH-1000 / DH-2000 / DH-3000 Ø 1 to 16 mm

Hydraulic wire bending machine with tools..

DH-1000  
DH-2000  
DH-3000





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Hydraulic universal wire bending machine with tools, which can manufacture countless models. It can be configured with the accessories that are required.

## Description.

Hydraulic wire bender with tooling.

It is mounted on a bench equipped with an electrical panel, a touch screen, an external control, a feeding system, bending tools, finishing tools and mechanisms for ejecting the finished piece.

The bench has several "T" slots on the front and back for the placement of tools and other optional accessories required for the manufacture of a part.

It is a universal machine so the machine can be configured with the accessories that are needed.

The length of the bench determines the amount of accessories that can be installed.

The feeding:

It's by wire coil supplied from a motorized winder.

It consists of a straightener, an NC drive box and a hydraulic cutting blade that are adapted to the thickness and hardness of the wire.

Versions::

Model	Ø Wire	Wire Hardness	Bench
Model DH-1000-8	Ø 1 to 8 mm	1200 N/mm2	1.2 meters



## Construction of Machinery for wire deformation

Model DH-2000-8	Ø 1 to 8 mm	1200 N/mm2	2.0 meters
Model DH-3000-8	Ø 1 to 8 mm	1200 N/mm2	3.0 meters
Model DH-1000-16	Ø 1 a 16 mm	1200 N/mm2	1.2 meters
Model DH-2000-16	Ø 1 a 16 mm	1200 N/mm2	2.0 meters
Model DH-3000-16	Ø 1 a 16 mm	1200 N/mm2	3.0 meters

### Machine Configuration:

A large number of hydraulic trolleys, servos, pneumatic mechanisms, bending and finishing accessories can be mounted on the bench.

To configure the necessary elements it is necessary to have the customer's requirements.

Among others we can install:

Hydraulic cars	Headers:
Servos	Threading by rolling
Pneumatic mechanisms	Threading by machining
Bending tools	Beveling
Presses	Making chamfers
Welding group	Others
Welding deburring unit	
Laser marking group	

The machine is characterized by:

- It is universal and versatile.

- It can manufacture complex parts.

For each format it is equipped with the necessary tools and accessories and is quickly programmed by the operator.

- Great productivity.

It is governed by a PLC.

It is programmed from a touch screen.

The programming:

- It is sequential, fast, easy and open.

- The operator can create or modify all the operative cycles, movements and times..

- It allows to store the programmed models.

The Screen:

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

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

It incorporates passive security systems and manual emergency stop.

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

It is a robust, productive and low maintenance machine.



## Construction of Machinery for wire deformation

### Features.

Hydraulic wire bender with tools.

<b>For wire thicknesses:</b>	<b>Ø 1 to 8 mm</b>	<b>Ø 1 to 16 mm</b>
Feeding	Wire rolls	Wire rolls
Rod / wire hardness	1200 N/mm <sup>2</sup>	1600 N/mm <sup>2</sup>
Bench:		
- Model DH-1000	1.2 meters	1.2 meters
- Model DH-2000	2.0 meters	2.0 meters
- Model DH-3000	3.0 meters	3.0 meters
CN drag box:	ACN-8	ACN-16
- External encoder	YES	YES
- Accuracy of feed	+/- 0.1 mm	+/- 0.1 mm
Roller Straightener:	YES	YES
- Vertical rollers	7	7
- Horizontal rollers	7	7
Folded	Hydraulic	Hydraulic
Bending tools	On request	On Request
(Drawings pieces are required)		
Cutting of rods	Hydraulic	Hydraulic
Finishing tools:		
- Threading head by lamination	Optional	Optional
(Metrics are required)		
- Threading head for chip removal	Optional	Optional
(Metrics are required)		
- Beveling head	Optional	Optional
(Drawings are required)		
- Chamfering head	Optional	Optional
(Drawings are required)		
- Prensas	Optional	Optional
(Force are equired)		
- Welding group	Optional	Optional
(Drawings are required)		



## Construction of Machinery for wire deformation

- Weld deburring group	Optional	Optional
- Laser marking group	Optional	Optional
(Design and location required)		
Touch screen programming	YES	YES
Servos	-	-
Programmable PLC	YES	YES
Communication	Ethernet	Ethernet
Touch Screen	YES	YES
Extendable control	YES	YES
Remote control (Internet)	YES	YES
The machine:		
- Measures:	To consult	To consult
- Weight	To consult	To consult
- Installed power	To consult	To consult
- Input voltage	On request	On request
Documentation: Spanish or English	On request	On request
Manufacturing	+/- 5 month	+/- 5 months
Complements for the installation:		
- Motorized winder	Optional	Optional

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Reivax Máquinas S.L.

[www.reivaxmaquinas.es](http://www.reivaxmaquinas.es)

English  
Spanish



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