



UNI 80

Electro-hydraulic bending machine for bending with mandrel system

The UNI80 is an accurate and powerful bending machine able to bend large diameters pipes as well as thin and delicate ones. The optimal and constant bending radii do not deform bent pipes: it is the ideal machine to satisfy every user's exigency in the plumbing, nautical, hydraulic, industry and plants' installation in general, above all in the ornamental field.

TECHNICAL FEATURES

- Spheroidal cast ironed body on metal steelwork base.
- 3-phases 380V 50Hz asynchronous, self-braking motor (different voltages can be supplied on request)-2 speeds with 3kw power with inverter.
- Digital electronic control board with microprocessor and display to set and control the required bend and recovery angle. It can store up to 50 bending programs . Each program can memorize up to 9 bending angles in sequence.
- Automatic return to stroke end.
- Switch panel low tension (24V.).
- 180°a1 Maximum allowed bending angle.
- Computerized hydraulic system per the closing and opening of locking and bending tools.
- The mandrel's extraction can be set up for a high definition of the bend.
- Dimensions: (only machine) length 830mm, width 630mm, height 1270mm
- Weight: kgs.600



Control panel, simple and clear



Mechanical spindle for the bending plan regulation.

STANDARD VERSION	CODE
Electrohydraulic digital UNI 80, 380V/50Hz with automatic hydraulic device for the closing and opening of locking devices and bending tools, with 3 metre long mandrel arm kit with hydraulic device for the mandrel extraction, plane regulator, notches, mandrel rod diam. 20mm.	9210403
Con kit per curvare con anima da 4 mt.	9210404
Con kit per curvare con anima da 5 mt.	9210405
Con kit per curvare con anima da 6 mt.	9210406

Bending capacity

TYPE OF PIPE	WITH MANDREL	
	Ø mm	Ø mm
Hard and soft copper pipes, annealed brass pipes	76	1,5
Steel pipes for electrical installations	76	2
AISI 304/316 stainless steel pipes	63,5	1,5
Hydraulic steel tubes ST. 35,4	76	3
Furniture tubes	76	2
FE boiler pipes	76	2
Aluminium pipes	76	4
Gas pipes UNI 5745	2"1/2	3
Square pipe	60x60	3
Minimum radii	2D	