



P52 Technical sheet

Our benders are designed to be highly productive and enduring over time.

In order to make them extremely versatile, our machines were conceived in different versions: they can be fitted with a high or low working bench, with two or four saddles, either long or short.

Final users will therefore be able to operate them freely and with a great level of ease, according to their needs.

The powerful gearbox, made of robust laminate and immersed in a special oil bath, doesn't require any kind of maintenance.

All inside components are built in special, heat-treated steel; additionally, helical gears allow for the workload to be evenly distributed among them, so as to make them virtually undestroyable.

All reduction and other gears are assigned a serial number so as to guarantee traceability.

Icaro benders are equipped with a self-braking motor and the electrical wiring components all come from the most renowned suppliers.

Every machine is bluetooth ready: by simply adding an optional antenna module, customers will benefit from a diagnostics system able to check the functioning status of each piece.



Standard version

WORKING BENCH	SADDLES LENGTH	NUMBER OF SADDLES
LOW	LONG	2
HIGH	LONG	2

Extraordinary versatility is what really distinguishes Icaro benders from other products of the same type: a high working bench makes

maintenance procedures really easy because it avoids the sedimentation of metal powder on the working disc and in the gearbox. Being able to choose between long or short saddles gives end users great freedom while working and when installing optionals.

Technical features

WEIGHT Kg	590
MEASUREMENTS cm	110x91x89
MOTOR (50Hz)kW/HP	4/5,5
MOTOR (60Hz)kW/HP	4,8/6,5
rpm (50Hz)	6
GREASE kg	10
WORKING DISC Ømm	400

Our cutters follow CE standard European and worldwide regulations.

Quality control on our machines comply with ISO9001/2008 norms.

ICARO MACHINERY S.R.L.

Via delle Industrie, 5 – 24040 Lallio (BG) – Tel.+39 035254042 – Fax: +39 035401764

Codice fiscale e partita IVA: IT07381070155 – capitale sociale € 87.000,00.

REG. IMP. MI07381070155 – C.C.I.A.A. REA BG-404001

<http://www.icaromachinery.com> – icaro@icaromachinery.com - <http://vimeo.com/channels/icaromachinery>



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Bending capacity

65 kg/mm ²			85 kg/mm ²		
1	2	3	1	2	3
44 mm	34 mm	26 mm	38 mm	32 mm	24 mm

All our tests were carried out using iron bars coming from all over the world. The iron bars we used all followed these standards: *DIN 488, BS 4449/2005, BS4449/97, ASTM/A706/ A706M-00, ASTM/A615M-2000, UNE 36068, LNEC E450, NEN6008 (NL), NF A 35080-1, SD490 with different GRADE and toughness.*



BLUETOOTH

ALL OUR BENDERS ARE DELIVERED BLUETOOTH-READY: simply purchase an antenna, which is extremely easy to install, and download our free software designed for both Apple and Android (available from February 2017).

Equipment of bushes and pins/working disc

STANDARD	OPTIONAL
1 working disc Ø400mm 12 holes	
1 Ø60mm bush	
1 Ø70mm bush	
1 Ø80mm bush	
1 Ø90mm bush	
1 Ø100mm bush	
3 Ø40/42mm pins	
1 40mm square pin	
1 Ø40mm stirrup bending pin	
1 checking block	
	Working disc Ø500/Ø600mm 12 holes

The heat treating process used on all equipment is the result of numerous years of studying and experience in our field; the variety of bars used to test the components of our machines represents all the possible degrees of hardness available on the market. All components have proven great endurance. All pins are made of 18NiCR steel and have been through a carbonitriding and tempering process. All bushes and square pins are made of carbonitrided C45 steel, while checking block are made of C45 steel.

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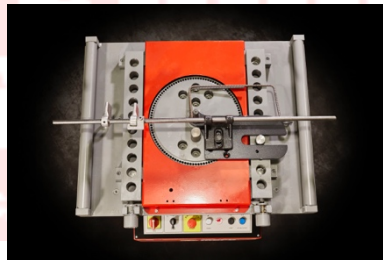
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General equipment

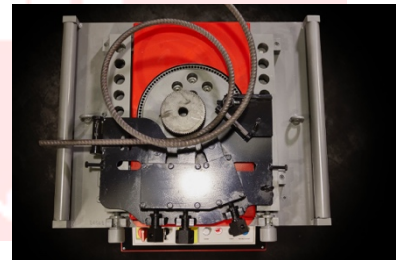
STANDARD	OPTIONAL
1 four wheel set	Spiral tool
1 wheel block set	Angle control panel
1 pedal control	5 bend-programming electric panel
1 taper pin	Arm for big radii
1 magnetotermic switch	Linear measurer tool
1 hex key set for maintenance work	Proximity switch
1 Limit switch	Bluetooth antenna module
Bluetooth ready module	4 leg set
1 reversing and grip pins set	C.E. front protection
Digital display voltage indicator (60V-500V)	



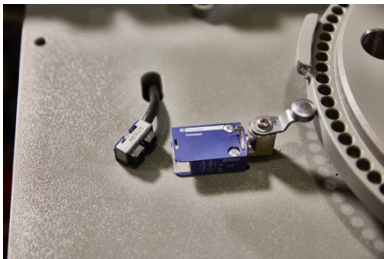
Standard equipment



Linear measurer tool



Spiral tool



Proximity switch



Bluetooth antenna module



Low/long saddles

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