



TOP BENDER 050

Three phase



Art. 050 including:

Art.050A-050B-050D/1-050G-050H-810-FP010



Art. 050



THREE PHASE VOLTAGE SUPPLY

- Wide bending radius range from R10 to R300 mm.
- MICROPROCESSOR ELECTRONIC CONTROL with back-up battery for preserving the data able to program 270 bending angles, including spring back angle (concerning material flexibility), divided into 30 blocks of 9 bends each.
- 2 speed operation (1,25 rpm and 2,5 rpm approx.)
- Visualizes and controls axis C (bending angle $\pm 1^\circ$)
- Visualizes and controls axis X (micrometric control of cursor position $\pm 0,1$ mm)
- Microprocessor has easy to use soft touch keyboard
- Flashing indicator lights for overload (machine shutdown)
- Low voltage control circuit (24V)
- Multilingual menu
- Fault diagnosis functions
- Can be fitted with optional 2-axes positioner, Art. A40/P to produce a repeatable sequence of bends in different planes
- 2 SPEED MOTOR 1750 W – Three phase 2/4 poles
- Safety auto-braking and mechanical device
- Power supply voltage (200-240) / (380-440) / (480-500) / (600) V – 50-60Hz (important detail that has to be specified at time of ordering)
- Safety shutdown push button
- Inverter
- DIMENSIONS: 595 x 363 x 900 mm (23,4" x 14,3" x 35,4")
- WEIGHT: 130 kg (286 lbs) (machine body only)
- STRUCTURAL CHARACTERISTICS: aluminium alloy machine body.
Base: welded steel structural work

WHEN ORDERING
SPECIFY VOLTAGE

Art. OK50: KIT TOP BENDER®

Including: **Art.050** N.1 TOP BENDER® with standard accessories Art. 050A-050B-050D/1-050G-050H-810-FP010.

**MAXIMUM BENDING CAPACITY FROM Ø 5mm to Ø 60mm
(Ø 1/4" - Ø 2 3/8" OD) MINIMUM RADIUS TWICE THE TUBE Ø
ACCORDING TO MATERIAL, Ø AND WALL THICKNESS**

Section	Material	Max Ø x wall thickness (mm)	Max Ø x wall thick. (inches) O.D.
○	Boiler tubes*	60 x 4	2" gas x 0.157"
○	Standard steel tubes*	60 x 4	2" 3/8 x 0.157"
○	Soft brass	60 x 4	2" 3/8 x 0.157"
○	Stainless steel	60 x 2.5	2" 3/8 x 0.095"
○	Welded tube for furniture*	60 x 3	2" 3/8 x 0.118"
○	Hydraulic stainless steel ST35	60 x 4	2" 3/8 x 0.157"
○	Hydraulic 304L stainless steel tube	64 x 3	2" 1/2 x 0.118"
○	Hard copper & aluminium	64 x 4	2" 1/2 x 0.157"
●	Mild steel*	35	1.4"
—	Mild steel*	10 x 60	3/8" x 2" 3/8
□	Mild steel*	25 x 50 x 3	1" x 2" x 0.118"
□	Mild steel*	50 x 50 x 3	2" x 2" x 0.118"
■	Mild steel*	30 x 30	1" 1/4 x 1" 1/4
T	Mild steel*	50 x 50 x 6	2" x 2" x 0.236"
C	Mild steel*	40 x 20 x 6	1" 5/8 x 3/4"

Art. OK50 KIT

- Radius 2 times diameter kit for Top Bender 050

Art.153/1 Steel formers:

R46D1 1/2" gas - R56D3 4" gas - R67D1" gas - R90D1 1/4 gas - R100D1 1/2 gas - R150D2" gas

Art. 155 Brass counterbending dies:

1/2" gas - 3/4" gas - 1" gas - 1" 1/4 gas - 1" 1/2 gas - 2" gas

Art. OK53 KIT

- Radius 3 times diameter kit for Top Bender 050

Art.153/1 Steel formers:

R67D1 1/2" gas - R82D3 4" gas - R112D1" gas - R130D1 1/4 gas - R150D1 1/2 gas - R190D2"

Art. 155 Brass counterbending dies:

1/2" gas - 3/4" gas - 1" gas - 1" 1/4 gas - 1" 1/2 gas - 2" gas

*Note: Capacity refers to materials with a resistance equal to 42 kg/mm²