



3. ERCOLINA® TOP BENDER® 050

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



- Bending radius range from R10 to R300
- Two bending speeds, 1.25 and 2.5 rpm (50 Hz)
- **CONTROLS:** electronic microprocessor with backup battery for memory storage, capable of programming 90 bending angles divided into 10 program blocks of 9 bends each.
- Display and control of C axis (i.e. bending angle $\pm 1^\circ$)
- Display and control of X axis (i.e. millimetric control of slider position $\pm 0.2\text{mm}$)
- All information can be displayed in many languages.
- **MOTOR:** 2 speed 1750W - Three phase 2/4 pole
- Auto-braking and mechanical safety device
- Power supply (200-240) / (380-440) / (480) (500) / (600) Volt 50-60 Hz (**important detail to specify when ordering**).
- Emergency stop button
- Speeds: low and high speed to optimise work times
- Flashing lights signalling overload (machine stop). Low voltage control circuit (5 Volts)
- Phase inverter
- **DIMENSIONS:** 595 (23,42") x 363 (14,21") x 900 mm (35,43")
- **WEIGHT:** 130 Kg.(286,60 lbs) (only base unit)
- **CONSTRUCTION CHARACTERISTICS:** Upper body part in aluminium alloy. Lower body part is a welded steel fabrication

WHEN ORDERING
SPECIFY VOLTAGE

MAXIMUM BENDING CAPACITY FROM Ø 5mm to Ø 60mm (Ø 1/4" - Ø 2 3/8" OD) MINIMUM RADIUS TWICE THE TUBE Ø			
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"
□	Mild steel	40 x 20 x 6	1" 5/8 x 3/4"

Art. OK50: TOP BENDER® KIT
complete with:

Art. 050: 1 Top Bender® with standard accessories Art. 050A-050B-050D/1-050G-050H-810-FP010.

Art. 151: 6 standard formers R46-R56-R67-R90-R100-R150. The groove Ø must be specified only from those according to tables 1 and 3.

Art. 152: 6 standard counterbending dies. Select groove diameters matching the formers and only those available for Art. 152. For sizes in inches see Art. 154 and Art. 155

Art. OK53: Top Bender® Kit (as OK50) with radii three times tube diameter: R67-R82-R112-R130-R150-R190.

Art. 050PR: Extended Top Bender® (on request) for max Ø 60, radii from 301 to 500 mm.