



Catalog No.	Model No.	Capacity	Weight	
			lb.	kg
44852	456	¼", ⅝", ¾"	14	0.4

Model 456 Tri-Bender

- Designed to easily bend three different sizes of soft tubing: ¼", ⅝" and ¾" with the same tool. Ideal for plumbing and HVAC applications.
- A 90° start angle minimizes effort required to form a bend. Handy reference marks indicate the angle for quick bends through 90°.



Catalog No.	Model No.	Description	Capacity	Bend Radius	Weight	
					lb.	kg
51912	506	Lever Bender	¾"	1⅝"	3½	1.45
51917	508	Lever Bender	½"	1½"	6½	2.95

500 Series Heavy-Duty Instrument Benders

- Specially designed for bending stainless steel, titanium and other types of hard tubing.
- A unique two-stage handle design and rollers in the bending handle combine to produce high quality bends with significantly less effort than with conventional benders.

Ratchet Benders



Catalog No.	Model No.	Radius to Center of Tube		Tube O.D.		Weight		Std. Pack
		in.	mm	in.	mm	lb.	kg	
35170	358	3	76	⅝"	16	7½	3.25	1
35175	368	3¼	95	¾"	19	13½	6.25	1
35180	378	3¼	95	⅞"	22	13½	6.25	1

Geared Ratchet Tube Benders

- High geared mechanical ratios, bend heavy-wall steel tube (up to ⅛" wall thickness), stainless steel tube (up to ⅜" wall thickness) and hard copper water tube (types K and L).
- Benders produce uniform bends up to 180°, with no need to anneal tubing or use special temper grade tubing.
- Reduce bending effort to a minimum.