Lever Benders



Model 456 Tri-Bender

- Designed to easily bend three different sizes of soft copper tubing 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		
Galaiog No.	wouer No.	Description	in.	in.	lb.	kg	
44852	456	Tri-Bender	1/4,5/16,3/8	1.01,0.98,0.95	1 ¹ /10	0.48	



600 Series Heavy-Duty Instrument Benders

- The 'stainless steel' specialist!
- High quality bending performance on stainless steel, and other hard tubing such as steel and titanium.
- Two stage design allows for in-place bending from 90° to 180° without ever crossing handles. Lock/unlock with a half turn rotation of the bending handle.
- Extra long 16" (40 cm) handles increase leverage and roll dies in the bending form reduce force needed.
- Vise clamp built into bending form for extra stability.

Imperial

Catalog No.	Model No.	Description	Tube Size Capacity (actual O.D.)	Bend Radius	We	ight
			in.	in.	lb.	kg
38028	603	Heavy-Duty Instrument Bender	3/16	⁵ /8	13/4	0.78
38033	604	Heavy-Duty Instrument Bender	1/4	5/8	13/4	0.76
38038	605/608M*	Heavy-Duty Instrument Bender	⁵ /16	¹⁵ /16	4	1.84
38043	606	Heavy-Duty Instrument Bender	3/8	¹⁵ / ₁₆	4	1.84
38048	608	Heavy-Duty Instrument Bender	1/2	1 ¹ / ₂	6	2.76

^{**}This product is dual-purpose, being both inch and metric.

Metric

Catalog No.	Model No.	Description	Tube Size Capacity (actual O.D.)	Bend Radius		ight .
			mm	mm	lb.	kg
38053	606M	Heavy-Duty Instrument Bender	6	16	13/4	0.76
38038	605/608M*	Heavy-Duty Instrument Bender	8	24	4	1.84
38058	610M	Heavy-Duty Instrument Bender	10	24	4	1.84
38063	612M	Heavy-Duty Instrument Bender	12	38	6	2.76

^{**}This product is dual-purpose, being both inch and metric.

Ratchet Benders



Geared Ratchet Tube Benders

- High geared mechanical ratios, bend heavy-wall steel tube (up to 1/8" wall thickness), stainless steel tube (up to 3/32" 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.

Catalog	Model	Radius Bend at Center of Tube		Tube O.D.		Weight	
No.	No.	in.	mm	in.	mm	lb.	kg
35170	358	3	76	5/8	16	71/2	3.25
35175	368	33/4	95	3/4	19	13 ¹ / ₂	6.25
35180	378	33/4	95	7/8	22	13 ¹ /2	6.25