



| Catalog No. | Model No. | Capacity          | Weight |     |
|-------------|-----------|-------------------|--------|-----|
|             |           |                   | lb.    | kg  |
| 44852       | 456       | 1/4", 5/16", 3/8" | 14     | 0.4 |

## Model 456 Tri-Bender

- Designed to easily bend three different sizes of soft tubing: 1/4", 5/16" and 3/8" 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 | 3/8"     | 1 5/16"     | 3 1/2  | 1.45 |
| 51917       | 508       | Lever Bender | 1/2"     | 1 1/2"      | 6 1/2  | 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 | 5/8       | 16 | 7 1/2  | 3.25 | 1         |
| 35175       | 368       | 3 3/4                    | 95 | 3/4       | 19 | 13 1/2 | 6.25 | 1         |
| 35180       | 378       | 3 3/4                    | 95 | 7/8       | 22 | 13 1/2 | 6.25 | 1         |

## 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.