



# Swagelok Tools & Rentals

A full range of tube fitting tools and accessories to support you

Available rentals in green

Swagelok® tube benders provide high-quality bends on fractional and metric tubing made from materials that can be used with Swagelok tube fittings. Easy-to-use tube benders reduce installation time and effort as well as the potential for wrinkling or other damage to the tubing during bending. Choose from electric, bench top, or hand tube benders to suit your application.

Don't forget to ask about our Tube Bending Essentials training!

## Hand Tube Benders:



Swagelok hand tube benders feature roll dies reduce bending force and tube ovality, compared to conventional slide block design.

- 1 to 180° bending range
- Available in 1/8, 1/4, 5/16, 3/8, and 1/2 in., as well as 3, 6, 8, 10, and 12 mm tubing sizes
- Clevis handle design provides enhanced leverage for bends greater than 90°
- Cannot be used for 2507 tubing over 1/4 in. or for medium-pressure tubing

## Electric Tube Benders:

Electronic control for automated bending.

- 1 to 110° bending range



- 1 to 2 in. outside diameter (0.049 to 0.220 in. wall thickness) and 25 to 50 mm outside diameter (1.2 to 5.0 mm wall thickness) tubing range

- One bend shoe for 1, 1 1/4, 1 1/2, and 2 in. sizes

One bend shoe for 25, 32, 38, and 50 mm sizes

## Benchtop Tube Benders:

Rugged, lightweight aluminum construction. Includes grease gun and metal carrying case for storage.



- 1 to 180° bending range
- 1/4 to 1 1/4 in. outside diameter (0.028 to 0.120 in. wall thickness) and 6 to 30 mm outside diameter (0.8 to 3.0 mm wall thickness) tubing range

Steel bend shoes required for:

- 1 in. outside diameter tubing with greater than 0.095 in. wall thickness
- 25 mm tubing with greater than 2.4 mm wall thickness
- All sizes of 2507 tubing
- All sizes of heavy-wall annealed stainless steel tubing
- All sizes of cold-drawn 1/8-hard stainless steel seamless tubing
- All sizes of IPT medium and high pressure tubing

Manual model can be operated with a 1/2 in. drill motor using optional torque clutch and support arm



### Orbital Welding Systems

For projects requiring a consistent and efficient approach to welding, the Swagelok orbital welding system offers precision and control combined with easy-to-use touchscreen operation.



The Swagelok orbital welding system provides repeatable orbital gas tungsten arc welds (GTAW) for both tubing and pipe. Its real-time monitoring and recording capabilities streamline documentation for easy adherence to industry requirements.

#### Available Accessories:

- Fixtures and Collets
- Weld Heads
- Internal Purge Pressure Kits
- TIG Torch
- Tungsten Electrodes
- Gauges

### Multihead Hydraulic Swaging Unit

Swagelok hydraulic swaging units preswage 1/2 to 2 inch and 12 to 38mm Swagelok ferrules onto carbon steel and stainless steel tubing prior to assembly into a Swagelok tube fitting.

#### Benefits:

- Reduces makeup torque by up to 70% compared to 1 1/4 turn manual pull-up
- Prevents galling, thread damage and component deformation
- Is portable and easy to use by one person
- Requires little physical effort by the installer

- Facilitates proper and sufficient preswaging of the ferrules onto the tubing
- Has an optional support base
- Comes in a sturdy case containing a hydraulic pump, hose and service equipment.



## Tube Fitter's Toolbox



You'll always be able to find the right tool for the job when you have the Swagelok® Tube Fitter's Toolbox on site. The toolbox contains a complete set of Swagelok hand tools designed for fabricating 1/4", 3/8" and 1/2" tubing systems.

All of the tools are securely contained in a lockable, water-resistant case with wheels to make transporting easy. You won't want to be without this incredible set on your next project.

#### More Tools Available

For a complete list of all available tools, including our Tube Cutter and Deburring Tool, please type **MS-01-179** into your Google search bar.

#### Contact Us

To learn more about our tools and rentals, including pricing, availability, and more, please email [info@alfl.swagelok.com](mailto:info@alfl.swagelok.com) or call **205-988-4812**.