

“UNPARALLELED PERFORMANCE AND SAFETY UNDER PRESSURE!”[®]

Tools

Tube Expansion Tools

- Pressures from 10,000 psi to 30,000 psi (689 bar to 2,068 bar)
- Seals plain end tubing
- Collet grip and seal on tube OD
- Pressure-compensated spring release (non-lever models)

Model 30 Series

- 0.13 in. to 1.00 in. OD
(3.2 mm to 25.4 mm OD)



Model 35 Series

- 0.24 in. to 1.00 in. OD
(6.0 mm to 25.4 mm OD)



Model 37 Series

- 0.31 in. to 1.00 in. OD
(7.9 mm to 25.4 mm OD)



Tube Expansion Tools - Lever Actuated

- Pressures from 10,000 psi to 30,000 psi (689 bar to 2,068 bar)
- Seals plain end tubing
- Collet grip and seal on tube OD

Models 180, 280, and 380 Series

- 0.31 in. to 1.00 in. OD
(7.9 mm to 25.4 mm OD)



ExpanTek[®] Tube Expansion Tools offer fast, snap-on coupling and positive sealing for high-pressure expansion of tubes and pipes. The Hydro Ball Expansion Tool propels a chrome ball the length of the tube. Systems supply pressurized water to tool for rapid tube expansion in 2 to 3 seconds. Equipment engineered to customer application requirements.

To learn more about ExpanTek[®] products: visit our website at www.airmo.com or call 1-800-394-0016

Model 22 Series Hydro Ball Expansion Tools

- Pressures to 10,000 psi (689 bar)
- 0.25 in. to 1.50 in. OD (6.4 mm to 38.1 mm OD)
- Uses force of chrome ball or bullet to expand tubes
- Collet grip on tube OD
- Pressure-compensated grip
- Seal on tube ID



Systems

Model HPS Series Hydrostatic Pressure System

- Pressures to 30,000 psi (2,068 bar)
- Cycle times as fast as 2 seconds
- Tube expansion, swaging, and hydrostatic testing
- Manual and semi-automated systems



Model TH Series Triplex Hydro Ball Expansion System

- Pressures to 10,000 psi (689 bar)
- Cycle times as fast as 3 seconds
- Use with Hydro Ball Expansion Tool to propel chrome ball
- Single or dual operator models



AIRMO, INC. 9445 Evergreen Blvd. NW, Minneapolis, MN 55433-5840 USA

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About Us

Airmo Inc. Pressure Technologies is a global supplier dedicated to the design and manufacture of systems, tools, high-pressure accessories and components used for hydrostatic pressure testing, end forming, and tube expansion applications.

Our focus on delivering innovative, quality products engineered to customer specifications enhances our capability to be a total solutions provider. Industries include: aerospace, defense, energy, HVAC, mobile equipment, nuclear, oil, gas, subsea, and tube and pipe mills.

Quality, Durability, Performance, and Safety built into every system and tool is the Airmo advantage.

To learn more:
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TESTMASTER[®]

Hydrostatic pressure systems and tooling are used for pressure and leak testing of tubes, assemblies, and systems. Service options include water, oil, Skydrol and helium. Pressures to 40,000 psi (2,758 bar).



SELECTFORM[®]

Hydraulic power units and size-dedicated tools for expansion, reduction, beading, flaring, or swaging of tube ends. Pressures to 3,000 psi (207 bar).



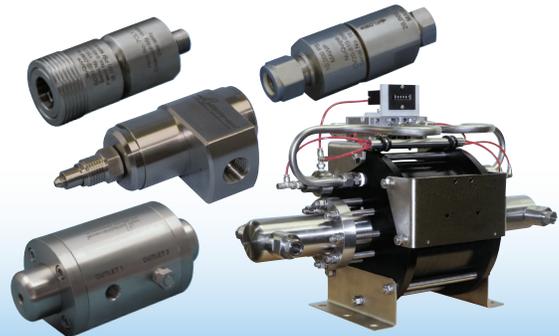
EXPANTEK[®]

Tube expansion or hydro-mechanical systems and tooling use pressurized water to rapidly expand tubes or pipes. Pressures to 30,000 psi (2,068 bar).



NUQUIP[®]

Airmo high-pressure accessories and components supply pressure, connect equipment, channel fluids, and control pressures to improve system performance. Pressures to 60,000 psi (4,137 bar).



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