

PRODUCTS

1-800-394-0016

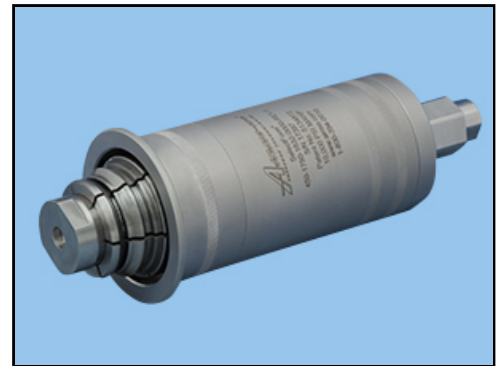
SELECTFORM®

SelectForm® Model 450 Series Swaging Tools Pressures Up to 15,000 psi (1,034 bar)













The patented SelectForm® Model 450 Series Swaging Tool is designed to swage a tube into a tube header by forming two beads, one on each side of the header, thus expanding and locking the tube into place. The amount of swaging is controlled by limiting the travel of the expanding die. The tool's integral stroke adjuster provides easy wrench adjustment of piston stroke, this lets the operator fine tune the amount of tube expansion desired.

The Model 450 Series Tool handles standard and metric tube, pipe, and fitting sizes from 0.62 in. to 3.50 in. OD (15.7 mm to 88.9 mm OD) in diameter. For each specific tube outside diameter, the tool can accommodate a range of wall thicknesses.

Contact [Airmo](#) for special tool sizes and configurations.



Product Features

	Specifications	Description
	Maximum Pressure:	Working pressures up to 15,000 psi (1,034 bar)
	Tube OD Range:	0.62 in. to 3.50 in. OD (15.7 mm to 88.9 mm OD)
	Temperature:	32° F to 120° F (0° C to 49° C)
	Hand-Held or Stationary Models:	For use in manual or automated systems
	Cycle Time:	2 to 5 seconds
	Adjustable Stroke:	Controls the amount of swaging
	Rollerless Technology:	Reduces operator fatigue
	Accurate, Repeatable:	Eliminates scrap and saves time
	Low Maintenance:	Reduces downtime and maintenance costs
	Compact, Balanced Design:	Ease of use in limited space applications
	Construction:	Precision-machined, heat-treated stainless steel
	Custom Options:	Custom options considered



[SelectForm® Model 450 Series Swaging Tools.pdf](#)



[SelectForm® Product Line Card.pdf](#)

Applications

The SelectForm® Model 450 Series Tool is used for a variety of swaging applications.

Model 450 Tool Applications

- Tube-to-header
- Ferrule attachment
- Fitting attachment
- Tube-to-baffle plates
- Piece-to-piece attachment

SelectForm® End Forming Systems

SelectForm® Model 400 Hydraulic Power Packs - Pressures up to 3,000 psi (207 bar)

ExpanTek® Expansion Systems

ExpanTek® Model HPS Hydro-Expansion Systems - Pressures up to 20,000 psi (1,379 bar)

NuQuip® High-Pressure Accessories

NuQuip® Model QD Series High-Pressure Quick Disconnects - Pressures up to 60,000 psi (4,137 bar)

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[Contact Airmo for Your System and Tool Needs](#)



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