

# Double Lap Flaring DF

## PHI Tube End Finishing Machine -- Model DF

The PHI Tube End-Finishing Machine Model DF is a double-lap flaring machine that produces a double-thickness flare. It will also produce a single-thickness flare and an upset bead.

### How the PHI Double Flaring Tube End-Finishing Machine Works

The machine forms double-lap flares to precise 37-degree and 45-degree dimensions within MS and SEA specification. Single flares and beads are also done with precision and within specifications every time.

The Model DF is a high-production unit, allowing for the production of up to 600 double flares per hour. A single lever operates the machine. This lever activates the two steps required to form a double flare. No electricity is required because all operations are pneumatically powered.

DF	Specifications	Capacity	Double Lap
	Flaring: 1/8" to 1/2" OD		
annealed ferrous	or non ferrous tubing		
Single	flaring: 1/8" to 3/4" O.D.		
annealed ferrous	or non ferrous tubing		
Beading: 3/16" to 1/2"	OD		
annealed ferrous or non ferrous	tubing	Operation	
75/100 PSI, air supply required.			
Air	consumption approximately 1 1/2 CFM at 100 PSIG.		
No	electrical connection.	Air	Supply
75/100 PSI, air supply required. Air consumption electrical			
connection.	Standard	Tooling	For MS and SAE
flare specifications		Dimensions	Length 28" Width 18"
Height 42"	Shipping	Weight	480 Pounds