

*Sharpe Products offers effortless solutions — for all your custom bending and laser-cutting needs.*

CAPABILITIES CHART						
SERVICES	O.D.	MATERIALS	CAPABILITIES	ADDITIONAL INFORMATION	EQUIPMENT	
Bending	Up to 6"	Aluminum Brass Bronze Copper Galvanized Pipe Stainless Steel Steel	Tight radii (1x diameter) Large radii Multi-radius bends Tight & large radii on single part Freeform bending	Unique, custom projects Repeat production jobs Value-added fabrication services	1 Nissin CNC freeform bender 9 all-electric CNC stack and rolling machines: <ul style="list-style-type: none"> <li>(2) 30mm BLM in-process left &amp; right-hand benders</li> <li>(1) 50mm Unison bender</li> <li>(2) 76mm Unison benders</li> <li>(2) 100mm Unison benders</li> <li>(1) 130mm Unison bender</li> <li>(1) 150mm Schwarze bender</li> </ul> 8 manual tube bending machines	
Rolling	Up to 4-1/2"	And more!	Large radii (8x diameter +) Multi-radius bends	Unique, custom projects Repeat production jobs Value-added fabrication services	1 roll bending machine 6 all-electric mandrel benders with tube generation	
Laser Cutting	Round up to 6"   Square up to 4" (Wall thickness up to 3/8")	If a material you need is not listed, please call us at <a href="tel:800-879-4418">800-879-4418</a> , as we may be able to accommodate your request.	Coping Etching High-Speed Cutting Holes Hole Patterns/ Perforations	Lettering Mitering Notching Sheet Cutting Custom Designs	Robotic 3D laser capable of cutting on and near tube bends Combines many traditional processes into one streamlined process Short lead times	
End-Forming	Up to 7"		Beading Expanding Flaring	Reducing Swaging Trimming	Proto-1 RAM-70 6-head end-former (up to 7") Addison end-former (up to 3") Proto-1 dual-head rotary end-former (up to 6") Proto-1 double-head tube expander/reducer (up to 3.5") Proto-1 tube expander/reducer (up to 6") Finn-Power tube reducer (3") PHI flare & bead machine (up to 3")	
Fabrication, Machining & Additional Services	Up to 6"		Coping Drilling Notching	Polishing Punching Welding	Finishing: <ul style="list-style-type: none"> <li>Anodizing</li> <li>Powder coating</li> </ul> [Sharpe offers these services through a partnership with a quality local vendor.]	Punch presses Drill presses Coping machines CNC lathe CNC mill

**TIP: Check our tooling inventory online so you can design your project with a die we already have: [sharpeproducts.com/tooling](http://sharpeproducts.com/tooling).**