



ALZAGroup[^] Capabilities Guide

PRIMARY SERVICE	MAXIMUM CAPABILITY	MATERIAL	ALZA GROUP	LASERFAB	BENCO	JELKES
2d Laser Cutting	Up to 83" x 165" sheet Up to 1" thick	Mild, carbon & stainless steel Aluminum Bronze, copper & brass	✓	✓	✓	✓
3d Tube Laser Cutting	Max OD 8.63", Max SQ 8" Channel-C 8" x 13.75" Angle (symmetrical) 5" x 5" x .500" Angle (asymmetrical) 6" x 4" x .500" Max weight per foot 23.5 lbs	Mild, carbon & stainless steel Aluminum	✓		✓	
2d Laser Cutting Automated for high production	Up to 78" x 157" sheet Up to 1" thick	Mild, carbon & stainless steel Aluminum Bronze, copper & brass	✓		✓	✓
3d Tube Laser Cutting Automated for high production	Max OD 8.63", Max SQ 8" Channel-C 8" x 13.75" Angle (symmetrical) 5" x 5" x .500" Angle (asymmetrical) 6" x 4" x .500" Max weight per foot 23.5 lbs	Mild, carbon & stainless steel Aluminum	✓		✓	✓
Laser Engraving	Max size 39"w x 19"d x 16"h	Mild, carbon & stainless steel Aluminum Bronze, copper & brass	✓	✓	✓	
Flatsheet Waterjet Cutting	Up to 78" x 157" sheet Up to 6" thick	Mild, carbon & stainless steel Aluminum Bronze, copper & brass Granite, glass & more	✓		✓	✓
Machine Deburring	Up to 51" wide Up to 3.937" thick	Mild, carbon & stainless steel Aluminum Bronze, copper & brass	✓	✓	✓	✓
2d Forming	6 axis, 14.5'w, 359 ton Up to 1" thick	Mild, carbon & stainless steel Aluminum Bronze, copper & brass	✓	✓	✓	✓
3d Forming	Up to 2" Round, 14ga wall max Up to 1 1/2" Square, 11ga wall max	Mild, carbon & stainless steel Aluminum	✓	✓	✓	✓
Panel Bending	180 degree folding beam Up to 120" wide, 3mm thick	Mild, carbon & stainless steel Aluminum	✓	✓	✓	✓
Structural Forming & Roll Forming	4" min dia. x 5' wide, up to .125" thick 18" min dia. x 6' wide, .187" - 1" thick	Mild, carbon & stainless steel Aluminum	✓			✓

Hardware Insertion	Force range up to 16,000 lbs Fastner range up to 1/2"	Mild, carbon & stainless steel Aluminum	✓	✓	✓	
Fabrication	Up to 10 ton	Mild, carbon & stainless steel Aluminum	✓		✓	
Industrial Fabrication	Up to 20 ton	Mild, carbon & stainless steel Aluminum	✓			✓
Welding MIG & TIG	Hand welding to any size	Mild, carbon & stainless steel Aluminum	✓		✓	✓
Robotic Welding MIG	Dual head Up to 37" x 113" Up to 1,650 lbs	Mild, carbon & stainless steel Aluminum	✓		✓	✓
Certified Welding FCAW, SMAW, GMAW, GTAW	Hand welding to any size	Mild, carbon & stainless steel Aluminum	✓			✓
Milling/Turning	Up to X 60", Y 28", Z 19"	Mild, carbon & stainless steel Aluminum	✓			✓
Finishing		Powder coating, painting Annealing, galvanizing, more	✓	✓	✓	✓
Kitting & Wiring			✓			✓
Assembly			✓		✓	✓
ADDED VALUE						
CAD Drafting & Design for Manufacturability			✓	✓	✓	✓
Prototyping			✓	✓	✓	✓
Supply Chain Management			✓	✓	✓	✓
Warehousing			✓	✓	✓	✓
Shipping & Logistics			✓	✓	✓	✓
Overall Project Management			✓	✓	✓	✓
ISO Certified Quality			✓	✓	✓	

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