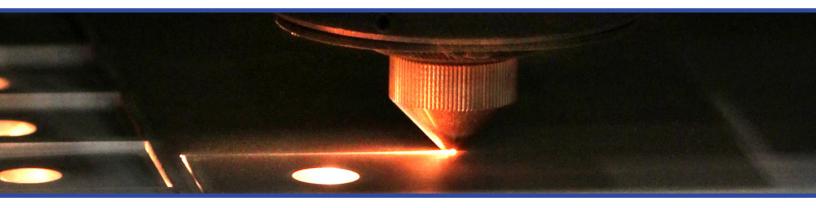


## LASER CUTTING CAPABILITIES



Cutting Action Type	CNC
Laser Type	CO2 (Gaseous)
Laser Configuration	Flying Optics
Cutting Axis	3-Axis
Maximum Output Power	4000 W to 4500 W
Intended Cutting Material (Metal)	Mild Steel, Stainless Steel, Aluminum
Mild Steel Grades	AR 400
	ASTM A572 Grade 50
	ASTM A36
	4140
	1045
	ASTM A514 Grade B
	Grade 80
	ROPS (Roll Over Protection Structure)
	ASTM A572 Grade 42
Intended Cutting Material (Non-Metal)	Acrylics, PTFE
Special Fixturing	Rectangular Tubing, Angles
Secondary Operations Available	Cropping
	Slotting
	Bars
Cutting Thickness	Up to 120 in. Up to 10 ft.
Cutting Length	Up to 120 in. Up to 10 ft.
Cutting Width	Up to 60 in. Up to 5 ft.
Kerf	.008 in.
Cutting Speed	Up to 800 in./min
Part Weight	Up to 5 tons
Accuracy	± 0.007 in.
Inspection Services	Dimensional
	Coordinate Measuring Machine (CMM)
	FARO Measurement Arm
Quality Assurance	Procedures
	Checkpoints
	Control Plans
	PFMEA Studies
Documentation	Material Certification
	Inspection Reports
	Measurement Reports
Secondary Services Available	Custom Packaging
	Skidding
	Delivery (up to 150 miles)
	Trucking
Production Volume	Prototype to High Volume Production
Lead Time	Up to 5 Days
	AL LD A TILL

Next Day Available

## ADDITIONAL INFORMATION Industries Served

Automotive
Road Truck Equipment

Tractor Trailer Agriculture Mining

Trains / Locomotive Defense

## **Intended Applications**

Suspensions
Beds
Bodies
Heavy Equipment
Asphalt Machines
Dozers
Buckets

Emergency Vehicles Ammunition Boxes

## Industry Standards Met ISO 9001:2008 Certified

File Formats Accepted

AutoCAD SigmaNEST

FARO CAM2 Measure 10



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