



<b>Laser Type</b>	CO2 (Gaseous)
<b>Laser Configuration</b>	Flying Optics
<b>Cutting Axis</b>	3-Axis
<b>Maximum Output Power</b>	4000 W to 6000 W
<b>Intended Cutting Material (Metal)</b>	Mild Steel, Stainless Steel, Aluminum
<b>Mild Steel Grades</b>	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
<b>Intended Cutting Material (Non-Metal)</b>	Acrylics, PTFE
<b>Special Fixturing</b>	Rectangular Tubing Angles
<b>Secondary Operations Available</b>	Cropping Slotting Bars
<b>Cutting Thickness</b>	Up to 120 in. Up to 10 ft.
<b>Cutting Length</b>	Up to 120 in. Up to 10 ft.
<b>Cutting Width</b>	Up to 60 in. Up to 5 ft.
<b>Kerf</b>	.008 in.
<b>Cutting Speed</b>	Up to 800 in./min
<b>Part Weight</b>	Up to 5 tons
<b>Accuracy</b>	± 0.007 in.
<b>Inspection Services</b>	Dimensional Coordinate Measuring Machine (CMM) FARO Measurement Arm
<b>Quality Assurance</b>	Procedures Checkpoints Control Plans PFMEA Studies
<b>Documentation</b>	Material Certification Inspection Reports Measurement Reports
<b>Secondary Services Available</b>	Custom Packaging Skidding Delivery (up to 150 miles) Trucking
<b>Production Volume</b>	Prototype to High Volume Production
<b>Lead Time</b>	Up to 5 Days 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