



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 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