



Ascension Industries' Large Machining Facility Houses 2 State-Of-The-Art CNC Laser Cutting Machines - Cut Your 3/4" Mild Steel or 1/4" Aluminum sheets with superior consistency & accuracy at ultra-high cutting speeds!

Ascension's state-of-the-art laser cutting system enables us cut like a 3000W laser at the lower cost of a 2000W laser. Instead of the conventional, variable-length beam of flying optics machines, the Supercharged 2000W CNC Laser Cutting Machine utilizes a custom-length beam which minimizes beam divergence. This results in consistent edge quality, kerf width and accuracy.

Paired with a 1500W CNC-controlled laser cutting system, these two machines provide Ascension Industries' customers with unmatched reliability and productivity in high speed, precision cutting of sheets up to 4' x 8' x 3/4" thick.



Whether your requirements are for high-speed cutting of intricate shapes from sheetplate stock as light as .005" or mild steel as thick as 3/4", Ascension Industries is equipped to provide you a fast turnaround in various materials such as:

CARBON STEEL
GALVANIZED
GALVANNEALED
TOOL STEEL
SHIM STOCK
STAINLESS STEEL
ALUMINUM
BRASS
INCONEL

MONEL
TITANIUM
PLYWOOD
PARTICLE WOOD
CARDBOARD
PAPER
CHAMOIS
PVC
PLEXIGLAS™

UHMW
PLASTIC
GLASS
FIBERGLAS™
CERAMIC TILE
BAKELITE
NEOPRENE (gasket rubber)
SOLID FOAMS
AND MORE...



Examples of cuts made from 3/4" mild steel on Ascensions' 2000W CNC Laser Cutting Machine ►

CNC Laser Cutting Capabilities:

Sheetplate Size (maximum)	49.2" X 98.4"
Material Thickness	0.005" to 3/4"
Positioning Accuracy	± 0.0004"/20"
Positioning Repeatability	± 0.0002"



CNC Laser Cutting Samples



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