



Ascension Industries

Sheet Metal Division

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Supercharged CNC Laser Machine Cuts 1/2" Mild Steel or 3/8" Stainless...with superior consistency and accuracy at ultrahigh cutting speeds!

Ascension's laser cutting system is a virtual powerhouse. The Supercharge 2000-watt Laser Machine utilizes a custom-length beam which maximizes divergence. The result: consistent edge quality, kerf width and accuracy.

Paired with a 1500-watt CNC-controlled laser cutting system, these two machines provide Ascension customers with unmatched reliability and productivity in high speed, precision cutting of sheets up to 4' x 8' x 1/2" thick.



Whether your requirements are for high-speed cutting of intricate shapes from sheet plate stock as light as .005" or mild steel as thick as 1/2". Ascension is equipped to provide you a fast turnaround in various materials such as:

Carbon Steel
Galvanized
Galvannealed
Particle Wood
Cardboard
Paper
Neoprene (*gasket rubber*)
PlexiglasTM

Monel
Titanium
Plywood
FiberglassTM
Ceramic Tile
Bakelite
Brass
And more

UHMW
Plastics
Tool Steel
Shim Stock
Stainless Steel
Aluminum
Inconel

Ascension CNC Laser Cutting Capabilities

Sheet Plate Size (maximum).....	49.2" x 98.4"
Material Thickness	0.005" x 1/2"
Positioning Accuracy	± 0.0004"/20"
Positioning Repeatability	± 0.0002"



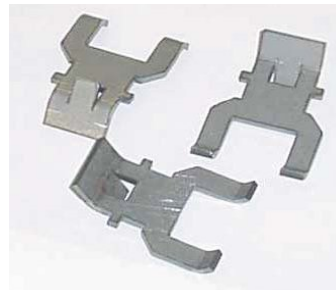
Ascension Industries Molten Sulfur Filters Exclusive Features and Benefits



With our Cybelec CNC-equipped 175 ton press brake we can quickly program your product part requirements.

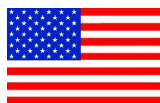
The control will automatically calculate (which is key to air forming) the required values from the input of dimensions and angles of the part to be formed. This includes tonnage, bed deflection compensation, blank size, bed allowance, bending sequence, back gauge retracts and switch points. All of this plus a high degree of accuracy.

• $\pm 1/2^\circ$ part accuracy
• $\pm .002''$ back gauge repeatability
• $\pm .004''$ back gauge positioning accuracy
• $\pm .0004''$ ram repeatability and ram level



Remember, for dependable service on ANY type of metalworking job, write, phone or e-mail: sales@asmfab.com

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U & R Stamp

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