Laser cutting format & File Prep.

cost: $1/min - $30.00 min.

File Format : AutoCad .DXF ver. 2004 - Please do not send any other file format - we can't open it

email files to : services@architectscornerstore.com.
Name your job folder - Lasercut_YourNAME : example- Lasercut_ John_Brown

Machine Cutting area :
24in x 37.8in(Do not exceed this area)
37.8" = X- axis   24" = Y - axis

Max Cut Thickness: 3/8" :
Acrylic and basswood only

Laser Cutting Material:
Acrylic , basswood, hardwoods ,all paper products - chipboard, museum board, task board, masonite boards, plywood , butter board , cork
We do not cut : styrene, abs , polycarbonate, all foam products

Layout: We only cut in Model Space

(a) **Draw your Material:** Landscape mode

1) Draw your material size in AutoCad.
You need to scale your parts to fit inside the material.

2) Draw a 1/8th inch border **within** (use offset command) refer to drawing below

(b) **Cut and Score Layers assignment :** Separate your cut lines and score lines using layers
Do not assign a line thickness to your drawing (Use Default)
Use the overkill command to delete overlapping objects

Your drawing may have a max. of 4 layers as described below

> **0 Layer = Any color - use for all non cut - material & border outline**
> **Outside Cut Layer = Yellow (Pen # 2) Do not use any other yellow**
> OPTIONAL LAYER: **Inside Cut Layer = Yellow (Pen # 2) Do not use any other yellow**
> OPTIONAL LAYER: **Score Layer = Red (Pen # 1) Do not use any other red**
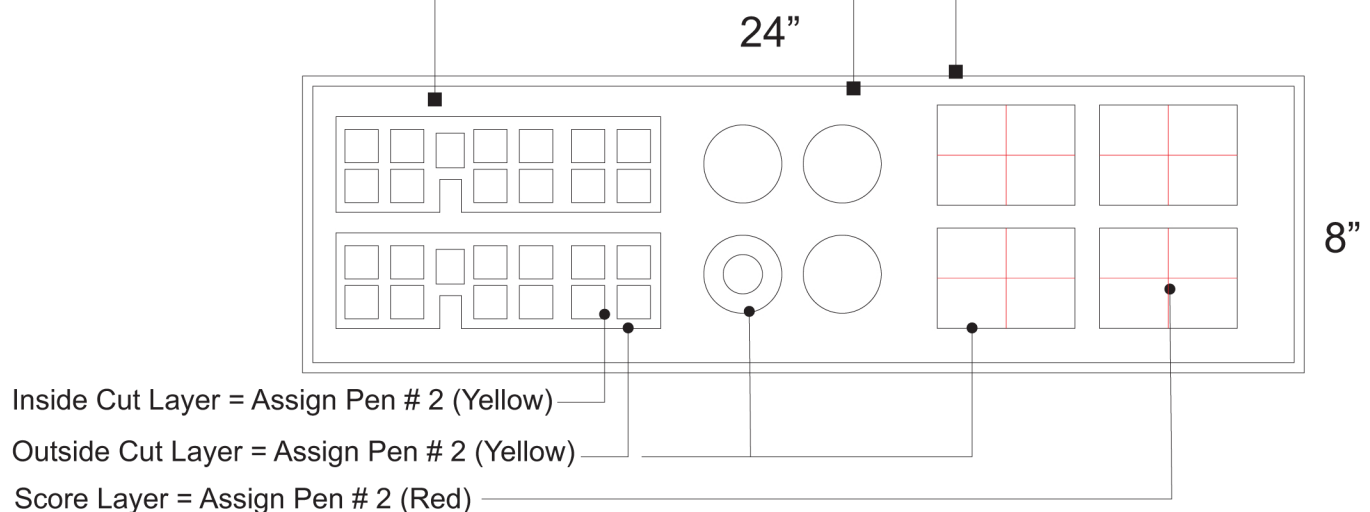
What your drawing should look like: **example: basswood sheet : 8"x24"**
Delete any drawings that do not have to be cut

Material = Layer 0 (Does not get cut)
Material border 1/8" offset = Layer 0 (Does not get cut)
Material cut area

24"

8"

Inside Cut Layer = Assign Pen # 2 (Yellow)
Outside Cut Layer = Assign Pen # 2 (Yellow)
Score Layer = Assign Pen # 2 (Red)

1)You can have all your cuts in one drawing but label each material accordingly
2)All material must be prepaid. We only cut material purchase at our store.
3)If your file is not setup correctly we will not process your job.

4)Backer material to keep parts in place will be billed accordingly : 32x48 sheet cost $2.79
5)Allow 24 hours turnaround. Inquire if you need it in less time.