

High Tech Images

Artwork Submission Guidelines

Preparing pictures and drawings for laser processing can be time consuming for us, and therefore costly for you. To minimize the preparation time please adhere to the following guidelines:

Guidelines specific to non-digital artwork:

- Paper submissions must be clean, crisp, camera-ready artwork
- If you are mailing artwork to us, take care to package it properly to prevent bending or folding of the artwork.

Guidelines specific to digital artwork:

While we have experience with many different graphic design and illustration applications, and can accept files from most of them, the program we use predominantly is CorelDraw. We are currently using CorelDraw version X3. (Drawings made in versions 4 thru 12 also accepted.) If you are going to use a Dxf. Cad file, make it a Cad R14 format. Also when using auto cad please make sure your viewer is at its highest.

Laser-ready artwork consists of two types: **vector** and **bitmap**. An image containing lines .001” or smaller is considered a vector image. An image containing lines larger than .001” is considered a raster image. If an image is to be cut out it must be a **vector** file. If it is to be engraved, it can be a **vector** or a **bitmap**. Vectors look better.

Examples of programs that can produce **vector** files are: CorelDraw (.cdr), Autocad (.dxf and .dwg), Illustrator (.eps, .ai) to name a few.

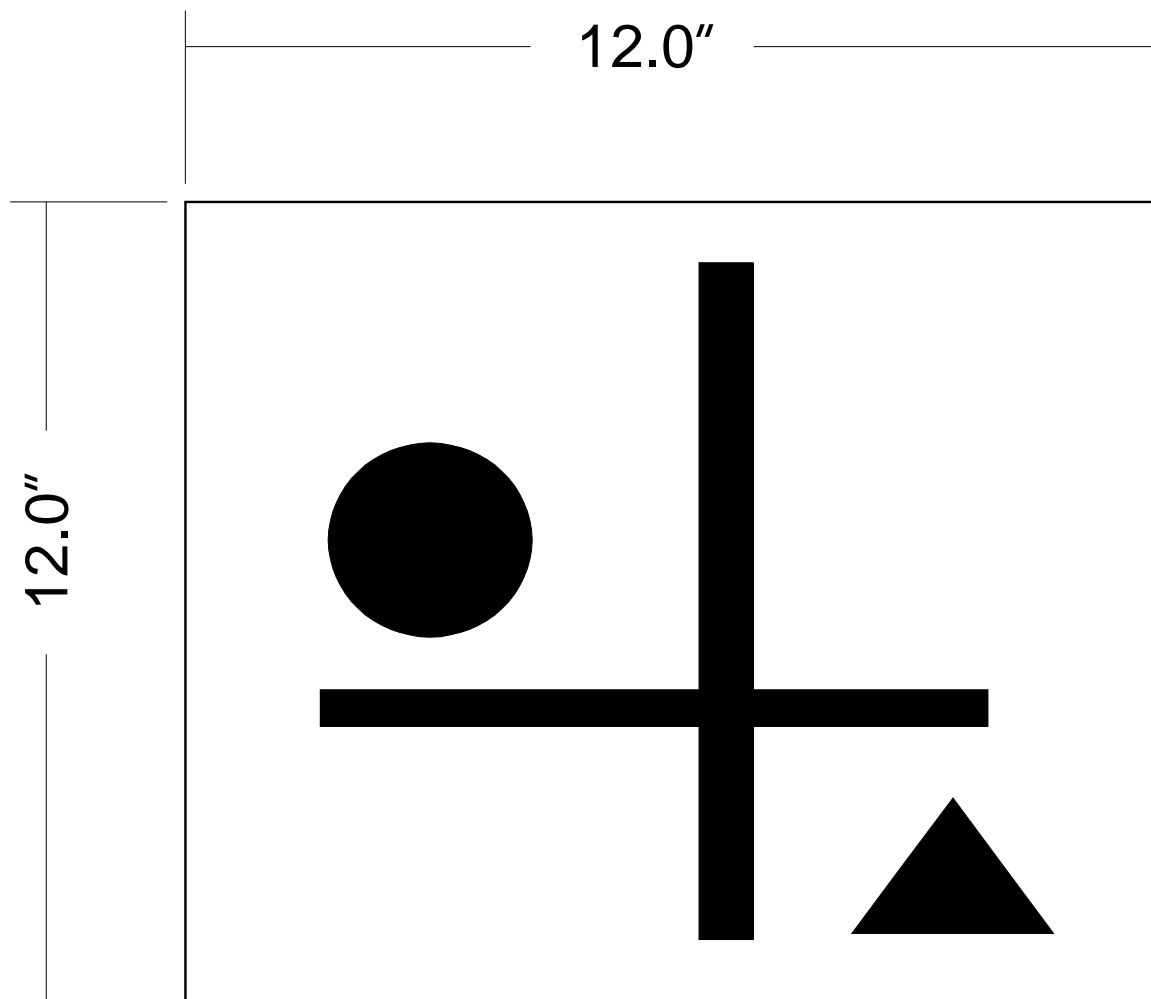
Almost all graphics programs can produce **bitmap** files. The following are examples of a few of the extensions used to denote bitmap files: .jpg, bmp, tif, gif, (there are many more). **We prefer .bmp or .tif files.**

For the most consistent results, use the following colors based on the RGB color table. Please use Black for raster engravings only, Red thru Magenta for vector engraving, Cyan and Orange for vector cuts. The laser will process each color in order from Black to Orange.

	R	G	B
Black	0	0	0
Red	255	0	0
Green	0	255	0
Yellow	255	255	0
Blue	0	0	255
Magenta	255	0	255
Cyan	0	255	255
Orange	255	102	

In AutoCAD for the color orange please use color 30. Vector lines should be poly-lines.

- Pictures taken off a website are generally not of a high enough quality to be used for laser processing.
- **ALWAYS USE A CD-R IF POSSIBLE, NOT A FLOPPY DISK**
- When submitting a scanned image, use a high quality scanner, and scan with a resolution between 400 and 600 DPI.
- Any line that is to be cut out must be no greater than .001" in width.
- Computer graphic files should be in either .bmp or .tif format and must be a minimum of 300DPI in order to ensure the best results.
- Autocad Files must be saved as version R14 and drawn with a dimensioned bounding box around it to preserve the proper scaling. (see drawing below)



Clean up the image as much as possible before submission.
Remember, if you don't do it, we will have to do it and charge you for it.