

LASER CUTTING

◀ THE BASICS ▶

- Cost: \$.30 per minute
- Maximum size: 18" x 32"
- File format: AI (Adobe Illustrator)
- Materials must lay flat. Do not bring paper that has been rolled or folded. Make sure that wood is not warped.

◀ FILE PREPARATION ▶

- Create your art board at the same size as your material in landscape orientation
- Files must be in RGB mode
- To cut: Lines must be a stroke weight of .001" in pure red (R-255, G-0, B-0)
- To score: Lines must be a stroke weight of .001" in pure blue (R-0, G-0, B-255)
- To etch: shapes must be in pure blue or black
- You can etch a gray scale image but results will vary by image and/or material. Try a test piece
- Delete all hidden layers, overlapping/duplicate paths and clipping masks
- Expand patterns
- When cutting pre-printed paper, be sure to include at least 2 registration marks or crosshairs in your AI file that coorespond to identical marks on your printed material. These marks are necessary to ensure proper alignment. Include a bleed on the print of at least 1/16"

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◀ WOOD ▶

- Be sure to identify the type of wood you are dropping off. Each type of wood requires different settings
- Only solid, unfinished woods and "laser friendly" plywood can be processed
- Manufactured woods such as particle board and MDF can not be cut due to the content of adhesives

◀ ACRYLIC ▶

- Must have manufacturer's identification to assure that it is safe for laser cutting. Not all plastics can be cut

MATERIALS WE WILL CUT

Most solid woods up to 1/2" thick
"Laser Friendly" Plywood
Acrylic up to 1/2" thick (must be labeled)
Paper (all types), mat board and bristol board
Mylar, leather and most fabrics

WE WILL NOT CUT

Regular Plywood, Masonite, Particle Board, MDF
Foam Core and unidentifiable plastics
If you are interested in processing any other materials that do not appear on this list, please ask