

GDH Laser Cutting Service

Customer File Setup

GDH Consulting Corp. (GDH Planes)
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-Files should be sent to LaserCutting@gdhconsulting.ca

-We can generally accommodate most CAD formats; though TCW, DC, DCD, DWG or DXF files are preferred (ask regarding other formats).

-Make all LASER-CUT LINES **BLACK**. Make all line widths 0.002" or less (we recommend setting to 0.00)

-If you wish to mark the parts with letters and/or numbers use Txt Fonts only and do not use multiline text. Make all Txt Fonts **BLUE**. Make all Txt Font line widths 0.002" or less (we recommend setting to 0.00).

-Any reference lines to be marked on the parts must be **BLUE** and the line width must be 0.002 or less (we recommend setting to 0.00).

-All parts must be laid-out in 12" high x 24" wide frames, with the parts laid out as follows:

Ply- 12" high x 8" wide
12" high x 12" wide
12" high x 24" wide

Balsa- 1 row of 4"x 24"
2 rows of 4"x 24" (making a double frame 8" high x 24" wide)
3 rows of 4"x 24" (Making a triple frame 12" high x 24" wide)

Note: remember that the balsa grain runs along the 24" frame width, so lay your parts out with that in mind.

Rows of balsa higher than 4", i.e.- 6" x 24", 8" x 24", 12" x 24" rows, to accommodate larger balsa parts can be accommodated on special request, though delays in the cutting job may occur, depending on wood availability.

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- All frames must clearly indicate the type and thickness of the material, and the quantity of each frame to be cut.
- The maximum thickness of Aircraft ply we cut is 1/8"
- The thicknesses of Light ply we cut are 1/8" + 1/4"
- The maximum thickness of balsa we cut is 1/4"
- LEAVE 1/8" between parts and the row/frame's edges. Leaving a space between the closest points of any parts in a row/frame produces better parts and prevents over-burning onto other parts. **Failing to do so may cause poor quality cuts.**
- Keep all parts for each design on 1 file, representing one set of parts. If multiple sets are required, only supply frames for one set, i.e. - one plane, and we will cut and sort the number of sets as required.
- Remove all un-necessary line types, text styles and fonts.
- Have your name, product description and contact information in the files.
- YOUR FILES ARE ALWAYS TREATED AS "STRICTLY CONFIDENTIAL" AND WILL NEVER BE SHARED OR USED FOR ANY OTHER PURPOSES.

Please reference page 3 for an example of a file frame layout.

Drawing and File Services

File Cleanup

If you are having difficulty formatting your parts for cutting, we will set-up your file into the correct format if you desire. A fee of \$60 Canadian per hour plus any applicable tax, with a \$15 minimum excluding tax, is charged for this service.

Drawing

If you have hand drawn your parts, do not despair, have us translate your drawing into vector drawn CAD parts for you, formatted ready to cut, at a fee of \$60 Canadian per hour plus any applicable tax. There is a \$15 minimum excluding tax for this service.

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