

Submitting your CAD File

The files you supply to us should be optimised to suit our CNC system. If these simple guidelines are followed we aim to programme and cut your files as soon as the materials are available. If you have any concerns about how to prepare your files, or design optimisation for CNC cutting, please carefully read the following information (and refer to our **drawing considerations pdf**)

Supplying your drawing as a CAD file.

There are a variety of file types and softwares available to and generally most will allow you to save and reformat your files in order to use them on other platforms. Please attempt to save your files as one of the following:-

1. **".3dm" (Rhinoceros)** - *these are our native file types. These are the quickest for us to process.*
2. **".dwg" (various origin softwares)** - *this is the most common file type for 2/3D files.*
3. **".dxf" (various origin softwares)** - *this as a CAD data file specific to AutoCAD that also works with most design softwares*
4. **".igs" (Various softwares)** - *these are text format files that are good for using 3 dimensional cad files across most design software platforms.*

Checking your files before submission

- Check your Units. 1 unit should = 1mm (please not we will not process jobs scaled imperially)
- Draw the size of stock you wish us to cut around the parts and check that all your parts fit onto the sheet in accordance with our nesting guidelines (see "spacing components")
- **Check that your cut files are flat and Planar (please see demo??? for explanation)**
- There are various offsets that can be cut from the same curve. You must state which side of the line you wish us to cut, or indeed if you would like us to cut on the line. This should be specified by you in the layer description you provide. (please see drawing considerations for full explanation)

If you are still unclear on the process, or have concerns about your cut files, please contact us to arrange a consultation session on _____