

## Submitting your drawing

### **Sketch submission:**

You may submit a simple sketch that you've drawn by hand, and we can quote to draw it up as a cutting file for you. Please send them in the preferred formats:

.Jpg (universal image file)  
.PDF  
.AI

If you would like to submit any notes to us, this can be in .DOC or .TXT

In your notes or drawing, please crucially mention dimensions.

### **CAD file submission:**

This is the ideal way to submit a drawing to us. Our systems can convert the files directly into our CNC suitable format which we can cut from. We can receive the following file types, but please follow the tips below before you upload:

Accepted file types:

**.3dm** (Rhinceros)  
.dwg  
.dxf  
.igs  
.PDF  
.ai  
.step  
.sti

Key rules for sending ANY CAD files:

**Units:** Please submit in millimetres (mm)

**Placement:** Draw your files within the sheet size of material that you intend to cut on (i.e. positioned within an 8x4 sheet)

**File dimension:** Please make sure your cut file are all 2D (flat)

Other Considerations with CAD File submission:

**Radius:** There will be a circular radius on every internal corner. The bigger the cutter, the bigger the radius.

**Cutters:** The larger cutter, the quicker the machining time (which saves time and money).

**Material thicknesses:** The thicker the material, the more cuts we have to do, which can increase costs of cutting. We advise on a bigger cutter for the deeper materials.

**Spacing:** Please position drawings with a 5mm border between parts for anything over 300mm x 300mm in size, or 10mm for smaller pieces.

**Cutting area:**

3 axis (2d cnc machine) 0000 x 0000

5 axis (3d cnc machine) 0000 x 0000