

FILE SET UP GUIDELINES

For CNC Cutting:

Cuts plywood, chipboard, MDF, foam and timber

Engraves onto a range of surfaces

Maximum cut thickness = 35mm

- Make Artboard 1220mm x 2440mm (8' x 4')
- RGB Colour Profile
- Place different toolpaths onto different layers and label accordingly
eg. Outside cuts, Inside cuts, Drill holes, Pockets, Chamfers
- Consider any internal edges - do you require fillets?
- Cut lines: stroke black #000000 1pt & no fill, or colour code accordingly
- Engrave areas: coloured fill or coloured stroke 1pt

For Laser Cutting on Epilog Laser Fusion M2 60W:

Cuts paper, card, fabric, leather, felt, foam, mylar, plywood, MDF and acrylic.

Engraves onto a range of surfaces (metals must be pre-coated)

DO NOT cut Vinyl/PVC - this releases toxic fumes that damage the machine.

Maximum material size = 800mm x 500mm

Maximum cut thickness = 9mm

- Make Artboard 812.8mm x 508mm (32" x 20")
- RGB Colour Profile
- Cut lines: stroke black #000000 & hairline thickness (0.001pt), no fill
- Engrave lines: stroke black #000000 & 1pt thickness, no fill
- Engrave areas: fill black #000000, no stroke
- Colour coding can be used for different design areas (please enquire)

For Laser Cutting on GCC LaserPro X252 80W:

Cuts paper, card, fabric, leather, felt, foam, mylar, plywood, MDF and acrylic.

Engraves onto a range of surfaces (metals must be pre-coated)

DO NOT cut Vinyl/PVC - this releases toxic fumes that damage the machine.

Maximum material size = 625mm x 450mm

Maximum cut thickness = 6mm

- Make Artboard 635mm x 458mm (25" x 18")
- RGB Colour Profile
- Cut lines: stroke red #ff0000 & hairline thickness (0.001pt), no fill
- Engrave lines: stroke black #000000 & 1pt thickness, no fill
- Engrave areas: fill black #000000, no stroke
- Colour coding can be used for different design areas (please enquire)

For image rastering, please provide a medium or high quality grayscale image (jpeg or tiff).

Please ensure your design files are drawn to scale and saved in one of the following formats:

.ai .eps .dxf .dwg .svg

Email file to: thefactory@kwmc.org.uk