PLEASE REMOVE THESE INSTRUCTIONS

EXAMPLE

LASERBEEST

01_CUTTING	RED LINE	R:255, G:0, B:0	NO FILL, STROKE 0,05MM
02_ENGRAVING LINES	BLUE LINE	R:0, G:0, B:255	NO FILL, STROKE 0,05MM
03_ENGRAVING SURFACES	BLACK FILL	R:0, G:0, B:0	FILL, NO STROKE

HOW TO MAKE A DRAWING? 10 TIPS

More information on www.laserbeest.nl/instructies

1. Make a vector drawing, use this template

2. Use layers

There are 3 kinds of processes possible with the laser cutting machine: cutting, engraving lines and engraving surfaces (”rastering”)

The difference is being made by assigning the lines to the appropriate layer:

01_CUTTING	Cutting through the material, minimal distance between the lines 1 mm Cutting lines will become about 0,2mm thick
02_ENGRAVING LINES	Lines engraved in the surface of the material Engraving lines will become about 0,1-0,2mm thick
` 03_ENGRAVING SURFACES	A completely raster engraved surface, indicated by a shape with fill and no stroke Don’t draw overlapping surfaces, but unite those into one with Pathfinder > Unite

Make sure everything has the right color & stroke (see example above). Use the preset Graphic Styles (SHIFT+F5)

3. Dimensions: Use the sheets left of this text

There are four standard sheet sizes: 900x600mm, 600x450 mm, 450x300 mm and 300x200 mm

Take into account the margin of 5mm (dotted line) at all sides

4. Need more plates? Copy the artboards (SHIFT+O and drag using ALT) to the left and number the sheets

5. Draw scale 1:1

6. Text: make outlines of the text (right mouse click > create outlines) and put in the engraving surfaces layer

7. Images/Hatches/ patterns: convert to lines in layer engraving lines, or to continuous shapes in layer engraving surfaces. NO CLIPPING MASKS.

8. No overlapping lines (double lines means double cutting)

9. Ungroup all using CTRL-A and CTRL+SHIFT+G (if necessary multiple times)

10. Upload: on our website

Please save as *.AI file VERSION CS6 or earlier (in the save menu after you specified the file name)

Good luck!