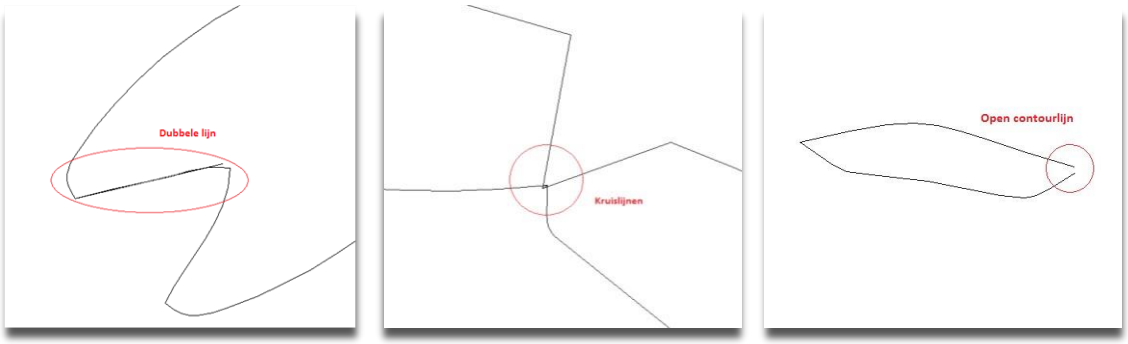
Instruction Illustrator

IMPORTANT! BEFORE YOU UPLOAD A DRAWING, IT IS ESSENTIAL THAT THERE ARE NO DOUBLE LINES.
IF YOU WANT TO ENGRAVE, IT SHOULD NOT HAVE ANY OPEN CONTOUR LINES AND / OR CROSS LINES. FIRST ADJUST YOUR DRAWING BEFORE CONTINUING TO THE FOLLOWING STEPS.



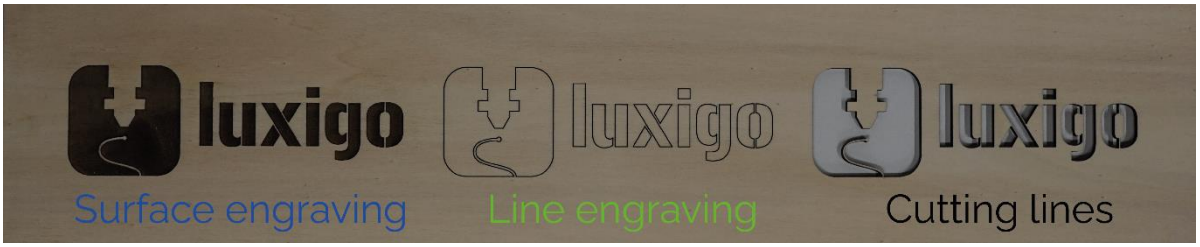
Step 1: Method

Black lines - Laser cutting
Leave the outer contour of the part to be cut black, so this is not the outer contour or working surface of the entire drawing.

Red lines - Internal cutting lines
Internal cutting lines are the surfaces to be cut that fall within the outer contour, for example, holes.
Make these lines red. The reason why internal cutting lines must be used is as follows. When an "O" is to be cut, it is important that the hole is cut first and then the outer contour of this letter. When the outer contour is first cut, the part will be slightly skewed, when the hole is cut it will no longer be in the right place.

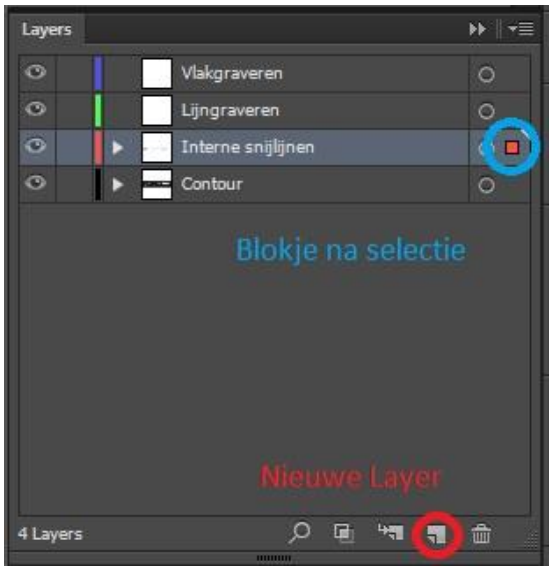
Line engraving (green)
Instead of engraving a surface, which takes a lot of time, it is also possible to have the laser cut quickly and with low power. The material is then drawn as if it were. Make engraving lines green.

Surface engraving (blue)
The laser moves like a printer, so that a layer is always burned. As a result, the surface to be engraved is slightly sunk into the material. Make surfaces engraving areas blue.



Step 2: Layers

Create a new layer by clicking on the icon and rename it for example *"Line engraving"* by clicking on it twice. Rename the old layer to *"Contour"*. If you have internal cutting lines and / or engraving surfaces, create separate layers for this. To the right is an illustration for clarification.



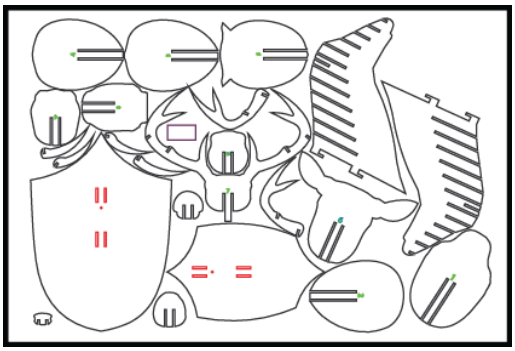
If you don't see Layers menu on the right, click on Window> Layers

Select the parts to be engraved in the drawing. There will then be a small block behind the "Cutting" layer. Drag this block upwards to the line line engraving layer. You will now see that the selected part is in the new layer.

On our website you can also find a template for Illustrator where the different layers are already indicated.

Step 3: Nesting

Place as many parts as possible that should be cut from the same material on one work surface. For regular cutting jobs, the maximum size of the working surface is 1200x900 mm, for surface engraving it is 1150 x 1200 mm.



Only the standard sizes 300x200mm, 600x400mm and 900x600mm are in stock. Larger dimensions up to 1200x1200 mm can be supplied after consultation.

Step 4: Create outlines

If you have texts in your design, make sure that these have been converted to vector lines. This can be done by selecting the text and right-clicking on **Create Outlines**.

If this option is not available, it is also possible to select the text and then click Object > Expand.

Step 5: Delete unused lines

Press **Ctrl + y / cmd + y** to see all vector lines in your drawing. Check that there are no unused, wrong or double lines in the drawing.

Step 6: Delete unused layers

Delete all unused (empty) layers and make sure that no layers are locked. Layers that are not visible in Illustrator are seen by our software as cutting and/or engraving lines. Therefore try to delete all unused layers to prevent errors.

Step 7: Save as

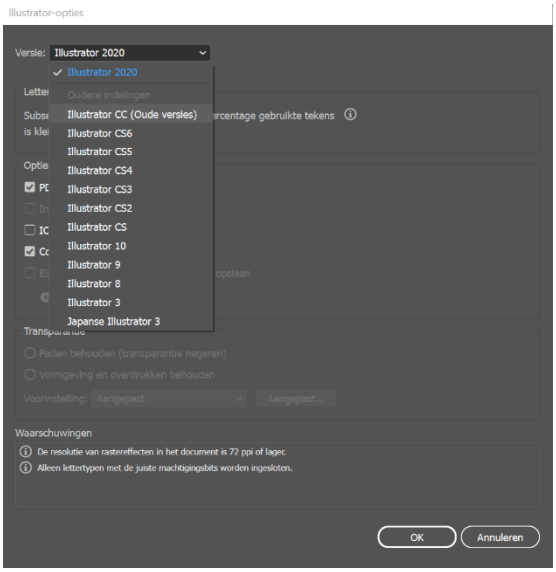
Go to *File* > *Save As* and save the file as .ai.

For version, choose Illustrator CC (old version)

Press OK to save your file.

Submitting multiple files is no problem at all, to keep it clear for us, we would like to receive the files with the file name as follows:

“your name – size – material type + thickness ”



Step 8: Upload file

Upload your file on https://www.luxigo.nl/en/upload-bestand/ and you will receive a quotation from us with a price and delivery indication as soon as possible.