

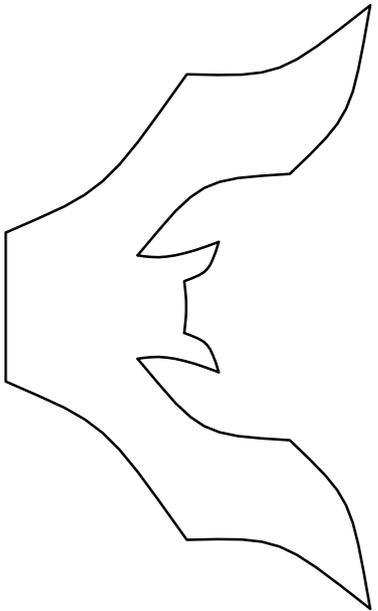
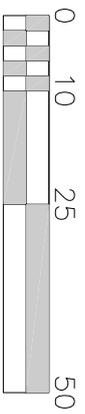


Thank You.

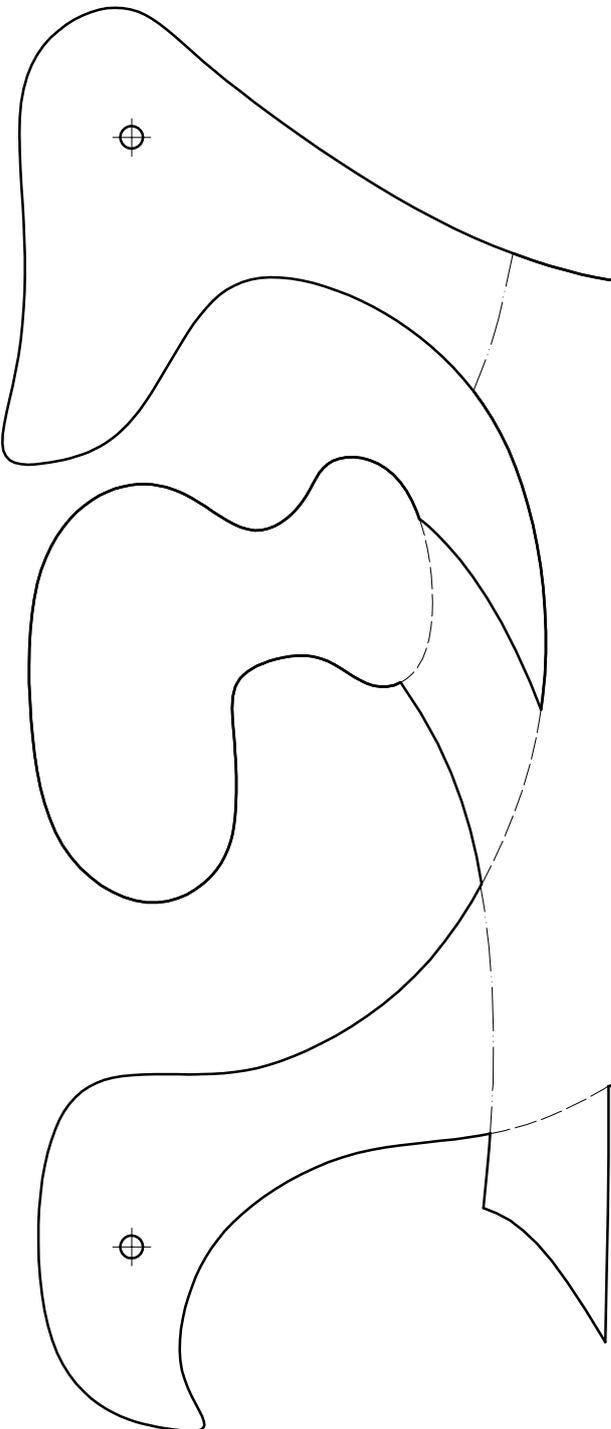
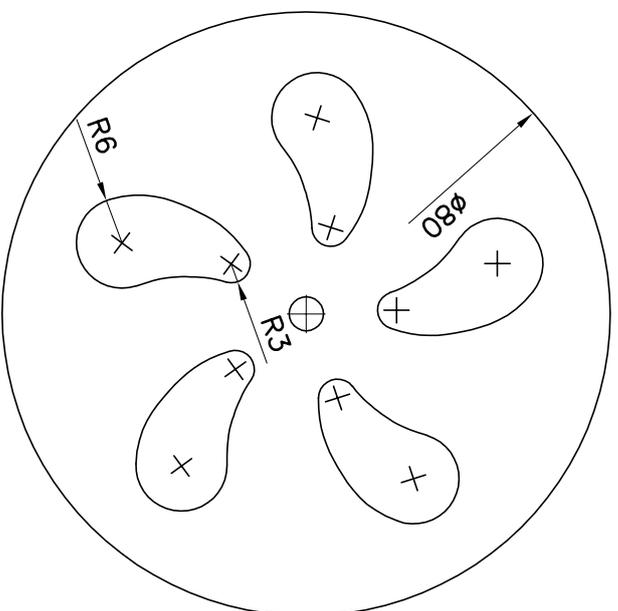
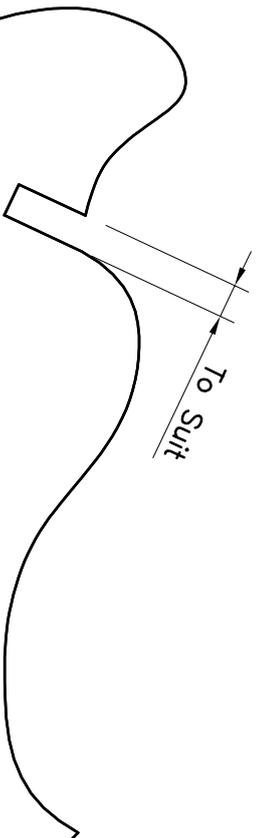
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Handlebars



Motorcycle Scroll Saw Patterns

Motorcycle Scroll Saw Patterns



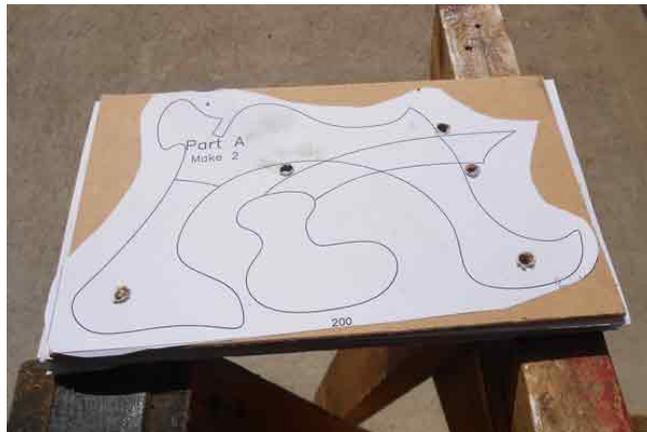
Here is an easy scroll saw project that is fun to make.

Method of construction

How to make this batman motorbike.

Material:

Two sheets of MDF 3mm thick cut to size 120mm by 200mm. For the centre piece, I was planning to use 12mm thick MDF. Instead I laminated four sheets of 3mm to make up the thickness required.



The photo shows the pattern ready to be cut out. I have drilled the holes for the axles, and a few more holes in strategic places to allow me to make sharp turns with the scroll saw.

The two 3mm thick pieces of MDF are glued in place with a sheet of paper because I want to separate the pieces once the pattern is cut out. I could have use double sided mounting tape instead.



Showing the pattern cut out. The red is 12mm thick and the blue is 3mm thick.



The shape is cut out, and the two outer sides are removed. The blue shading is the areas to be cut away.

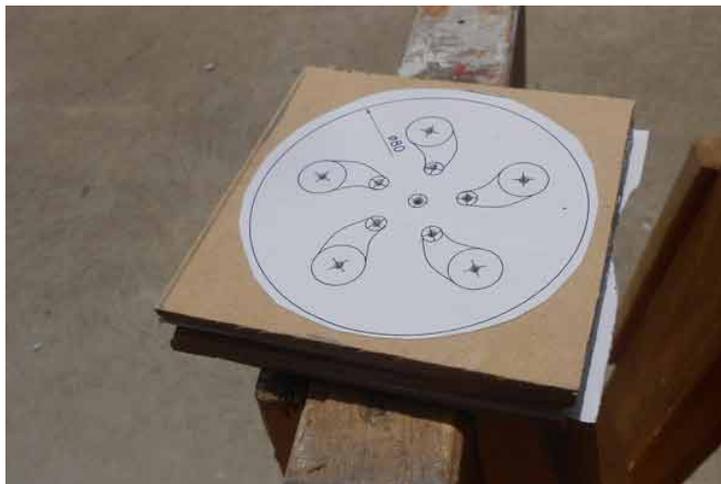


The central core is modified as shown in the photo. I have decided to paint the red trim at this stage.



Showing the two outer parts are glued in place. Note that it is a good idea to insert the axles while the glue is setting – this will ensure that the parts are aligned.

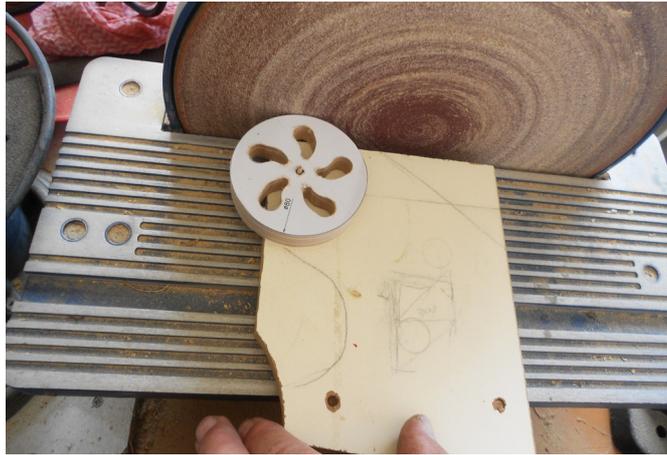
Making the wheels



The wheels are made by laminating three discs, with the centre disc having a smaller diameter, resulting in a wheel with a groove in the middle. This will allow me to use a rubber o-ring as a tyre.

The wheels are also made in a batch, using the sandwich method. It's a good idea to use a centre punch to drill the holes.

Cut out the holes, cut the circle shape as close to the line as possible without touching it.



Here I am using a simple jig and a disc sander to sand the wheels round.
Make the two internal discs using the same technique.

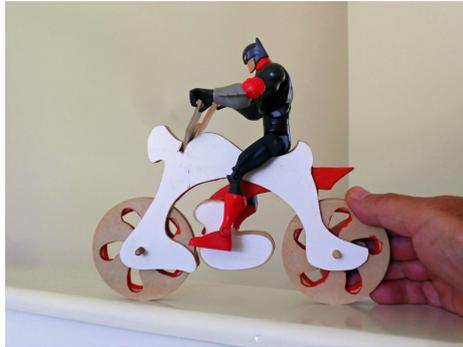


Showing the wheels with the red trim painted. Note the groove in the middle. The wheel is ready to be painted.



The batwing handlebars cut out and ready to be painted.

Final Assembly



Glued up and ready for painting, but batman insisted on a test ride first. Luckily there wasn't too much fuel in the tank, and he didn't get too far.

Make a set of plastic washers using a hollow punch set. Cut the axles to size, and mount the wheels. Glue the handlebars in place.



Conclusion

I certainly hope you have enjoyed making this project. Use this [contact me](#) form if you would like to submit your project to the [photo gallery](#).