



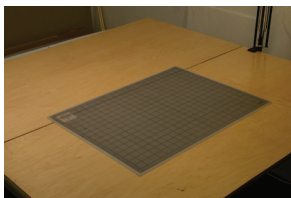
WORK SURFACE

Find a sturdy table that is in a well-lit area. Ideally you'll be working with 40" x 30" sheets, so a suitably sized surface will help.



RAZOR KNIFE

I highly recommend getting an Olfa knife. It is difficult to cut 1/2" foamcore with just an Exacto.



CUTTING MAT

A large piece of cardboard will do, but I would highly recommend a cutting mat. Mine is 18"x24" and made by Artool.



WIRE CUTTERS

These will be important for cutting thin steel cable and stripping the stepper motor wires.



MARKING TOOLS

I use an ultra fine point black Sharpie, but if you'd prefer, a pencil and eraser will work as well.



PLIERS

A needle-nose or any other variety will work well.



CIRCLE STENCIL

The two hole diameters which you'll need to mark are 5/8" and 1-1/8". A compass will work just as well.



SMALL WOOD SAW

If you want to save money and use wooden dowels, you'll need this to cut them to length. A real saw works even better.



COMPASS

A substitute for the circle stencil.



12" METAL RULER*

I cut everything freehand, but if you're bad at cutting straight lines or want to better protect your fingers, grab one of these.



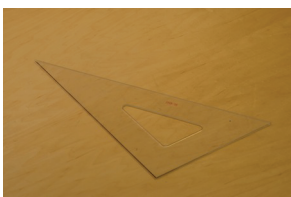
> 16" RULER

Highly recommended. A 24" C-Thru ruler will make your life much easier. Make sure that it has 1/16" markings throughout.



HOT GLUE GUN

Mine is made by Surebonder and has both a high and low temperature setting. I run it at high.



RIGHT TRIANGLE

These instructions are designed to take advantage of the factory-square edges of the foamcore. This tool is optional.



SCREWDRIVER

You'll need a medium sized flat head screwdriver.