

Paper Modelling Tools

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Notes:

This document is a guide line tools and supplies that one will need when making paper models, be it one of the QR engineering systems models or someone else's models.

Feel free to add and change your tools that you use, but for those who are not sure this is a good starting point.

SAFETY!!!!

Be sure you're working with sharp knives, dull knives are unpredictable; Work on a flat, stable surface, and keep body parts out of the way of the knife!

Note: The publishers, Creators, Distributors and resellers of this model **WILL NOT TAKE ANY RESPONSIBILITY** what so ever for Injury, health related issues, loss of body parts and / or Death in any shape or form. You hurt yourself and / or others **YOU** are responsible no one else!!!!



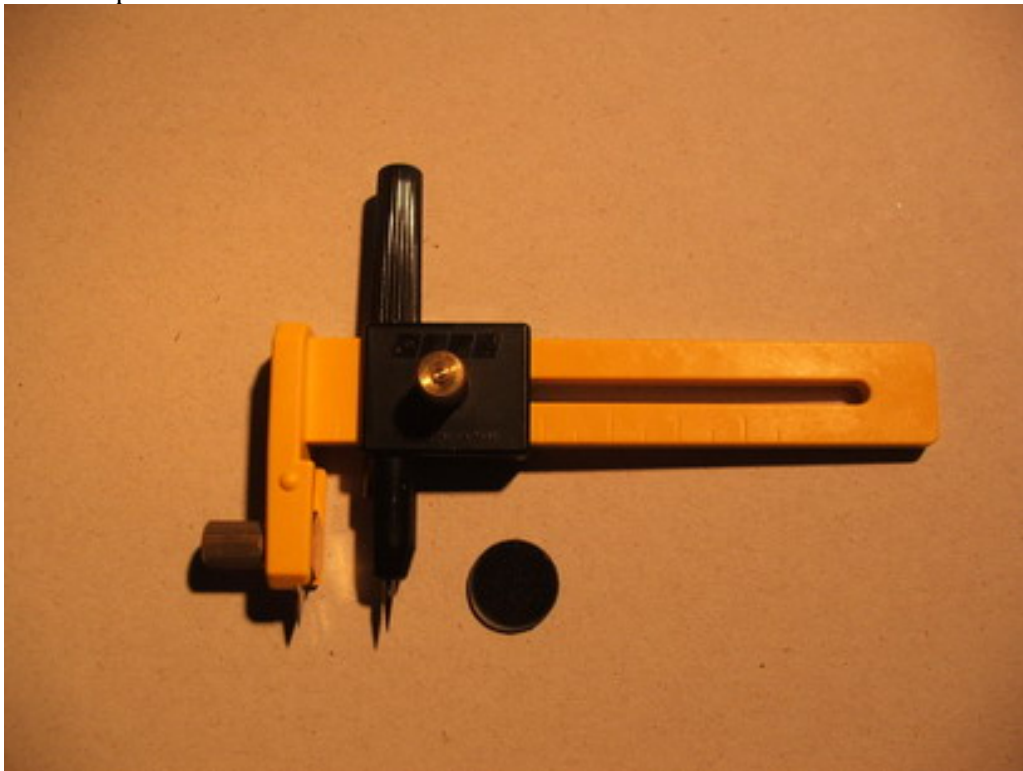
A good hobby board for cutting and modelling paper is always a good investment.



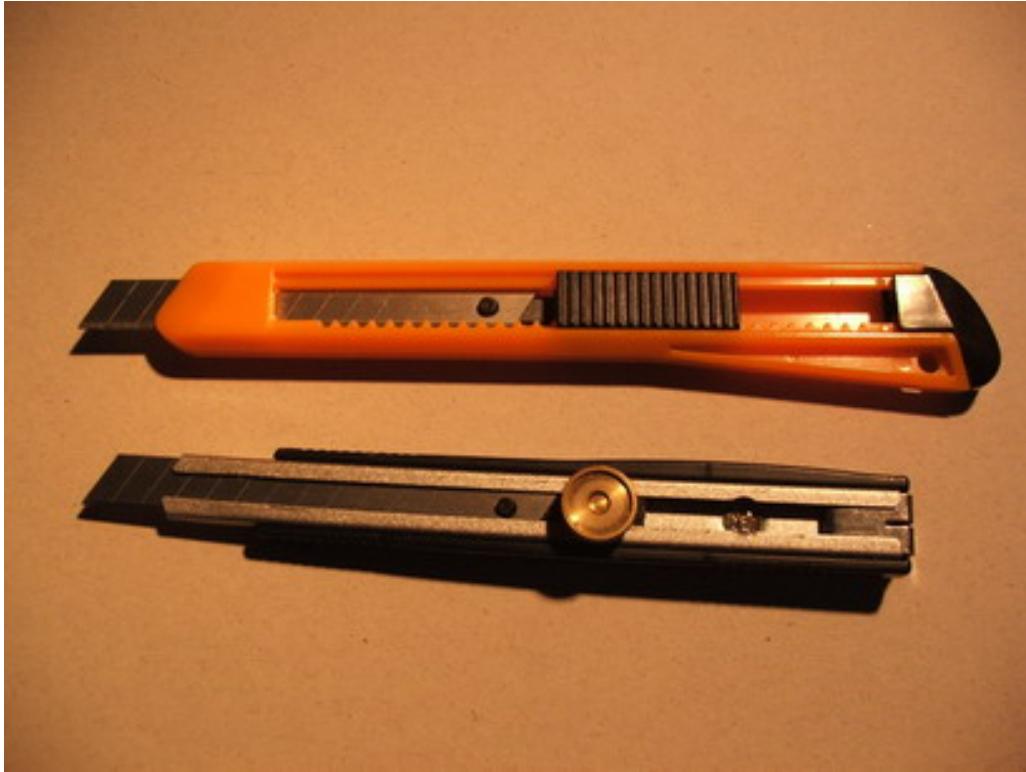
Scissors is one of your best friends when it comes to paper modelling, one can never having enough scissors in many shapes and sizes, but remember one thing the scissors must be shape and able to cut in small tight spots.



When it comes to glues, a good paper or paper wood glue is always a good buy, remember that in some models epoxy glue be required and/or paper to plastic glue will also be needed, but some glues like normal school is not recommended for modelling is good for temporary assembly, and the same for liquid glue it to has it time and place.



A circler cutter is always useful when cutting long big circles.



Long cutting knives are good to have for long paper cuts, but not really good fine cutting work, a 9mm blade is ideal.



Fine small pliers are good for small paper gluing and bolding.



In some cases the fine tip and square tip are a good idea to have.



Tweezers are a must, the fine tip is excellent for gluing work, and the different hapes help to get into small spots.



Embossing or marking, scoring tools are a must when doing bends and folds, a good collection of tips is a good idea for marking paper for bends.



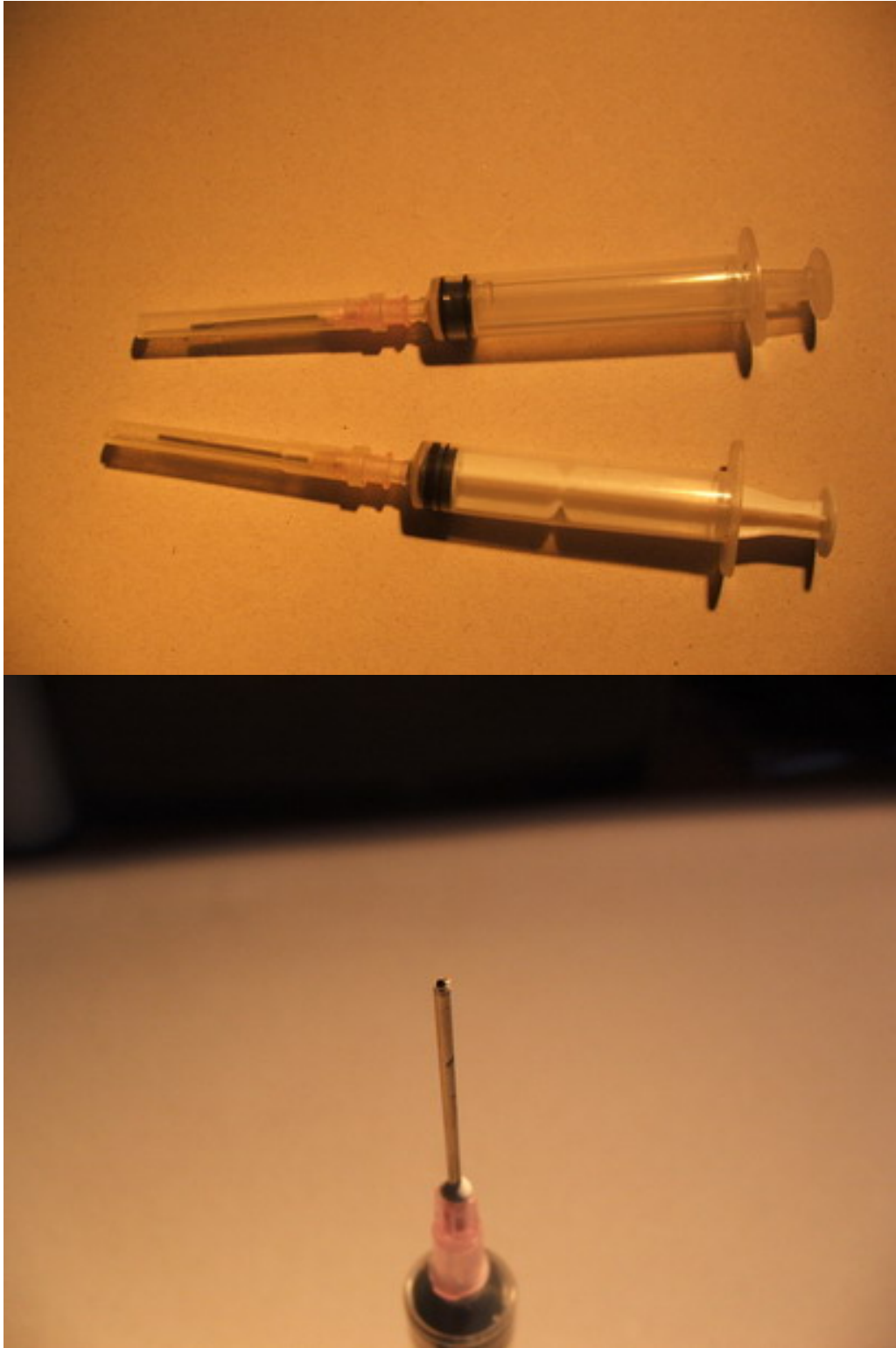
Rotary cutters are a good thing for doing temporary paper cutting, just make sure that one can get spare blades, as one does want the cutting to be done with a shape blade. A straight cutter, and a perforating cutters are good idea, 18mm diameter blade is ideal, but no bigger than 24mm.



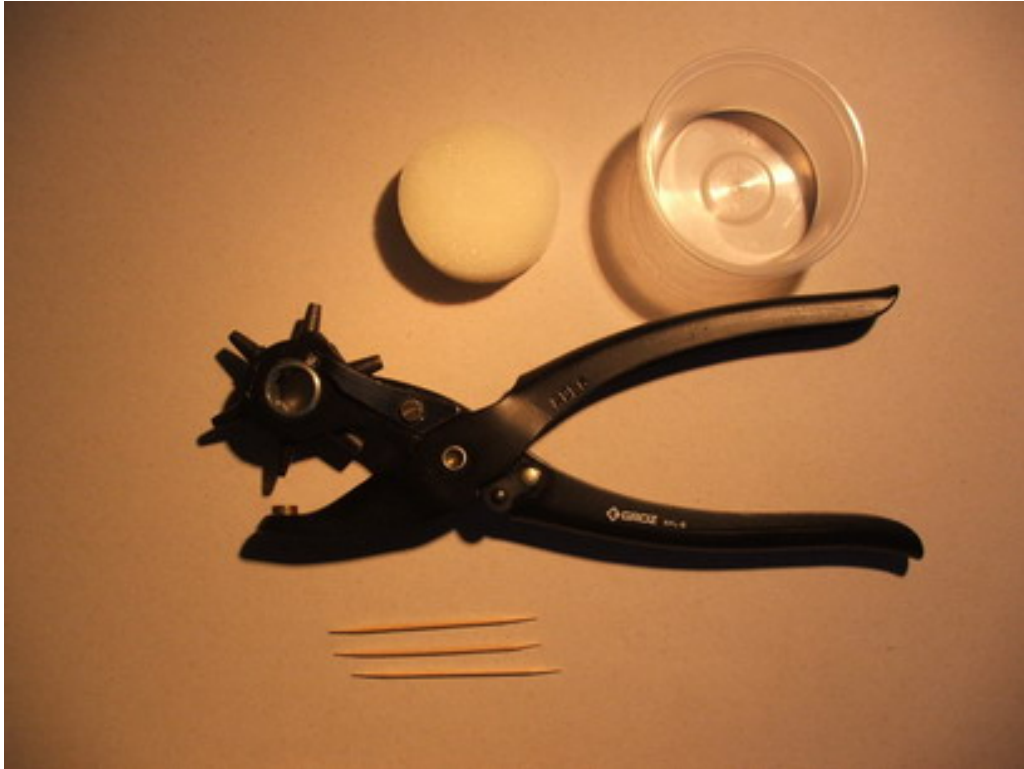
Scalpels are one of the best ways of doing very fine cuts and working in small places, Make sure that one can get spare blades for your scalpel(s).



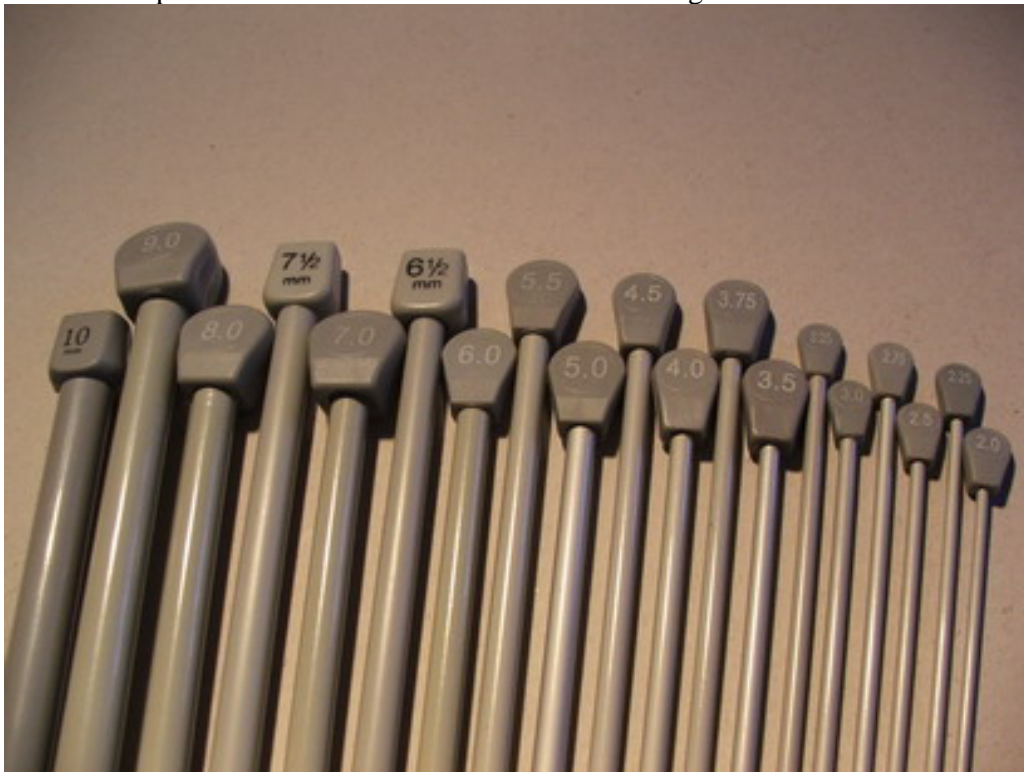
A steel ruler of the lengths of 150mm, 300mm and 600mm are good buy, a digital calliper is a good buy in that some models require special pieces to be made up depending on how makes the part in question.



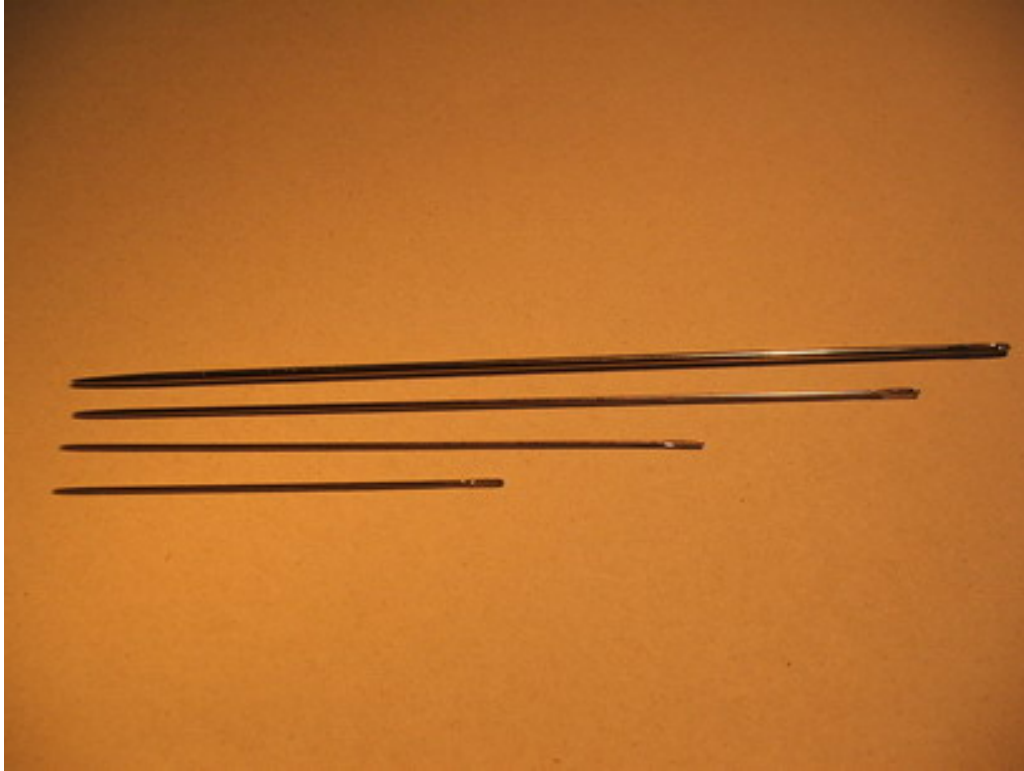
A medical needles are a good way of doing glue runs, but the shape tip does need to be cut off as the picture above shows, do this very carefully. To do this use a Scalpel to and roll the Scalpel blade over the edge of the needle to cut it like a pipe cutter would do and use a pair of pliers to brake the tip off, do this very carefully as to keep the roundness of the needle.



Leather belt punch's and other miscellaneous tools are a good idea to have around.



Steel knitting needles are basically one of the most important buys that you can do, in that you will get a perfect bend and glue template. The best thing to do is get all the sizes that one can get, the sizes are: 2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 3.75, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0 and 10mm. be sure to put the needles in a good safe place as not to bend the needle(s), so that one can keep there shape.



A good idea is to get hold of doll needles for very fine cylinders, in this case a 2.34, 1.42, 1.09 and 1.02mm needles are shown above.



One can use plumbing brass pipes for larger parts, in this case the 12, 15, 18 and 22mm copper pipes are shown above.