

SCULPTURAL ROCKING CHAIR CLASS TOOL LIST

The following is a list of the hand tools that you should bring to the rocking chair class. If there is a tool that you feel you will need and it is not listed below--please bring it! I have a few surplus scrapers, rasps, mallets, and chisels that you can borrow. A typical rocking chair can require as much as 50-65 board feet of 8/4 lumber. If you would like to purchase your wood pre-milled, we do have a few resources that can accommodate your needs. Please contact one of our listed resources at least 3 months in advance so your order can be processed well before the first day of class.

ROCKER MATERIAL MUST BE BROUGHT TO THE CLASS ALREADY DRESSED AND CUT TO SIZE. YOU WILL NEED 12 PIECES OF 4" WIDE BY 55" LONG BY 1/4" THICK MATERIAL OUT OF THE TYPE OF WOOD YOU HAVE CHOSEN FOR YOUR ROCKER. THERE CAN BE NO CRACKS, KNOTS OR FRACTURES IN THESE PIECES. YOU WILL NOT HAVE TIME TO CUT THESE PIECES IN THE CLASS.

1. Tracing paper that comes in a roll (at least 12 inches wide or wider) and carbon or transfer paper.
2. Pencils and MANY extra erasers. If you are working with walnut bring several white pencils (dark lead lines are hard to see on dark woods). This is very important.
3. 6" square. Engineering metal squares are the best.
4. A good quality framing square, and a long metal straight edge (at least 36").
5. 12 oz or 20 oz round wooden or plastic mallet.
6. 3/4" carving gouge with a number 8 sweep. Ashley Iles #8 3/4", or Swiss Made #8 18mm. This gouge is very important. Make sure you bring one of these.
7. Straight bench chisels, at least 4. Sizes should include; 1/4", 1/2", 3/4", 1".
8. Marking gauge, and a sliding "T" bevel.
9. Nicholson rasps #49 or #50, one or the other, they are very expensive but worth every penny. #49 is the common one. This tool is a must!
10. A Japanese saw rasp available from the Japan Woodworker (cost around \$16). Do not get the kind with that silly off set handle.
11. Dividing calipers for locating the spindles.
12. A small 4" right angle grinder (somewhere in the \$40 to \$60 price range). You will also need a somewhat flexible rubber backing pad and 36, 50 and 80 grit sandpaper for this tool. This will help with the shaping process.
13. Comfortable work gloves. I like bicycle gloves that have the finger tips removed.
14. Dowel center finders and brad point drill bits (1/2" and 5/8") and one 1/2" dowel rod and one 5/8" dowel rod. 5/8" center finders are called "hole spotters" and are available from Grizzly Tools or any store that sells machinist tools. 1/2" are sold anywhere as dowel center finders.
15. Stanley 5/8" Powerbore drill bit. If you can find one, or if you have one bring it, but don't worry if you don't have one. Stanley stopped making them a few years ago.
16. A good quality glue scraper (for removing glue squeeze out on the seat).
17. Safety equipment: ear plugs, dust masks, and safety glasses.
18. A camera for documenting your work along with a notebook for taking notes.
19. An apron that can get glue on it.
20. Rubber gloves and cheap paint brushes, at least 2, for spreading glue on rockers.

SCULPTURAL ROCKING CHAIR CLASS PRE-CUT LIST

PLEASE NOTE THE FOLLOWING:

THE SCULPTURAL ROCKING CHAIR CLASS WILL BE 7 DAYS LONG. CLASS WILL START ON SATURDAY AND SUNDAY AT 9:00 AM EASTERN TIME AND GO UNTIL 5:00 PM, AND WILL START AT 8:00 AM ON MONDAY THROUGH FRIDAY. THERE WILL BE A \$35 MATERIAL FEE FOR THE TEMPLATE MATERIAL USED TO MAKE YOUR CHAIR PATTERNS.

The following is a list of sizes that will really help speed up the chair making process. Students MUST bring pre-dimensioned stock ESPECIALLY the 12 pieces of 1/4" by 4" by 55" long rocker stock. Please note that all sizes are approximations and will require cutting to final dimension once you have designed your chair which will be the first thing we do in the class--do not glue or shape any wood ahead of class--all wood must be square on all 6 sides. I HIGHLY RECOMMEND WALNUT OR MAHOGANY FOR THIS CHAIR. Stay away from ash, oak, maple, hickory or any exotic woods.

1. 2 pieces 1 3/4" thick by 6" wide by 24" long (arms)
2. 2 pieces 1 3/4" thick by 7 to 9" wide by 65" long (back legs)
3. 2 pieces 1 3/4" thick by 3 1/2" wide by 32" long (front legs)
4. 5 or 6 pieces 1 3/4" thick by 4 to 5" wide by 26" long with no cracks or splits on the ends (seat bottom). These pieces will be glued together in the class to create a seat bottom that is approximately 22 to 24 inches wide by 24 inches long. DO NOT PRE GLUE.
5. 1 piece 1 3/4" thick by 7" wide by 20" long (crest rail)
6. 3 pieces 1 1/2" thick by 6" wide by 35" long (back spindles)
7. Bring some extra 8/4 material just in case
8. DON'T FORGET TO BRING YOUR PRE-CUT ROCKER MATERIAL. THIS MATERIAL WILL BE BENT LAMINATED TO THE FINAL SHAPE OF THE ROCKER, THEN CUT IN HALF CREATING 2 ROCKERS (A RIGHT AND LEFT THAT ARE IDENTICAL)
9. 12 pieces 1/4" thick by 4" wide by 55" long (rockers) NO splits or crack

Pictorial Toollist - Rocking Chair with Marc Adams



Bench Chisels



Gouge #8 3/4"



Divider Compass



Nicholson Rasps
#49
#50



Marking Gauge



Sliding T Bevel



6" Square



Glue Scraper



Japanese Saw Rasp



Brad Point Bits



Framing Square

Mallets



4" Right Angle
Grinder



Dowel Centers



Fingerless Gloves



Glue On Apron