

DIY SKateboard Mould

This tutorial will allow you to follow the steps to build you own skateboard press.

Materials:

Two 12' long, 2x8's

Box of 2 1/2" wood screws

One Quart of TightBond 3 wood glue, or similar waterproof glue.

Tools Needed:

Tape Measure

Bandsaw, or Jig Saw

6, 3/8" 2' long threaded rods

12, 3/8" fender washers.

12, 3/8" nuts.

two bar or quick grip clamps

4" foam roller and tray

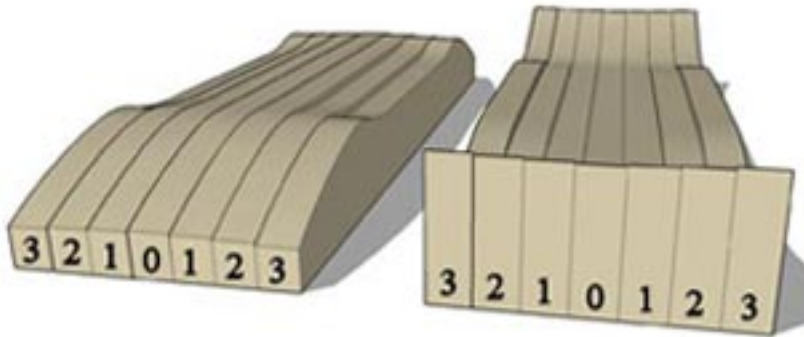
50, 80, and 120 grit sandpaper

Try square

Chisel.

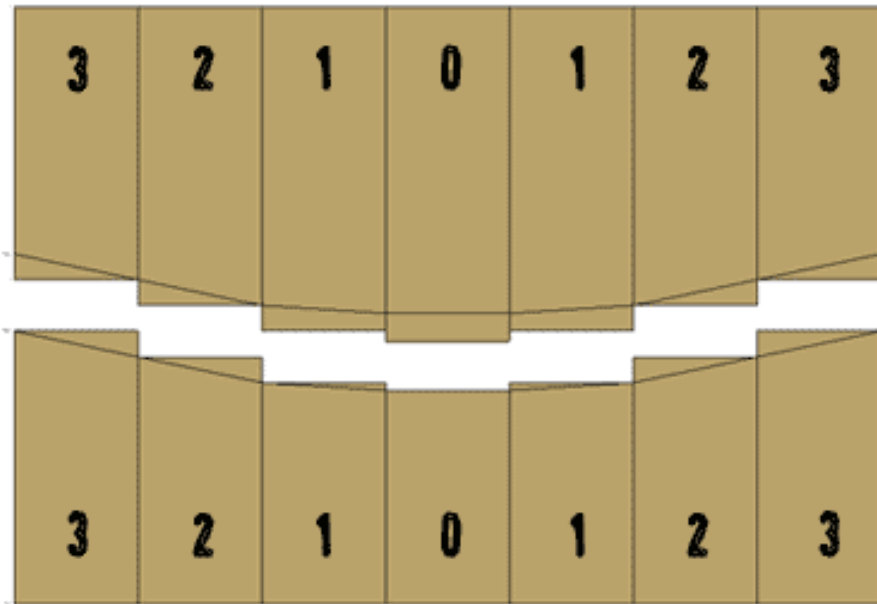
1. first, print this document. Cut the final four pages along the two middle lines.
2. next, you will want to cut your 2x8's into 7, 35" sections.
3. next, take all of your 35" long 2x8's and lay them vertically on a flat surface and clamp them together.
4. taking your measuring tape measure 5" vertically up both ends on the 2x8's and using your try square draw a square line across your 2x8's.
5. unclamp your 2x8's. you should now have a line across each end that is 5" up from the bottom.
6. taking your PDF templates, lay each one out on the 2x8's. their should be 3 2x8's with out a PDF template. this is OK. we will be needing to cut two of the PDF templates 1-3 to get a mould that is identical on each side.
7. you should now have 7 peaces of 2x8, and 2 peaces of PDF templates 1-3 copy the PDF template onto your 2x8 and cut it out using a bandsaw or jig saw. make sure you keep both pieces looking nice! you will be wanting both of them.

- now you should have 14 pieces of 2x8 and each piece should have a matching part, so that when you put them on top of each other they will look like 1



2x8.

- now, when you lay all of the 7 pieces of each side up together they should resemble stairs in the middle. this again is ok, just trace the bottom step onto the one above it.
- now take a chisel or sander and remove the excess material down to the line this diagram will show you where to remove the excess material.



- now when you lay them up again you should have two parts that look like they could be one piece. with each edge leading smoothly to the next one.
- you can now laminate up your mould and leave it to dry, then come back when it is dry and sand down any areas where the glue spread out, and any areas where it isn't perfectly smooth.
- now you can press your deck using a WATERPROOF wood glue.
- just glue all the layers together using a squeegee and make sure you don't spread it to thin or to thick, other wise you might end up with are bubbles or de-lamination spots.
- insert the veneers into your press while the glue has not cured and using bar clamps press the two halves of the mould together. you can add a layer of cork , if u want,

outside of the veneers to make up for any imperfections in your mould.

