

Quick and EZ Bench

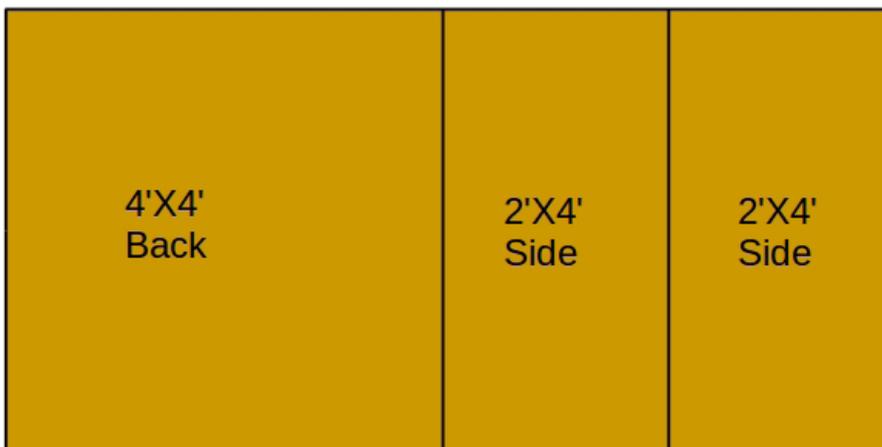
Bench 1



This is a quick and sturdy bench design that is cheap to build (about \$100.00) and requiring few tools.

You will need:
Screw gun
Saw
measuring tape

Materials list:
2- 4'x8' sheets of 1/2" or 3/4" plywood plus one 2'x4' sheet (most lumber yards have the smaller 2'x4' sheets.
1- 2"x2" cut into 4 pieces each just under 2' long
the largest cake pan or plastic tray you can find
good wood glue
1 1/2" and 2" long wood screws



Have the lumber yard cut the plywood to the measurements, most lumber yards will do this for free or almost free.



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You will have to cut the arm rest slots, the hole for the tray, cut outs on the sides and back as well as a slot for bench pin (we are using a GRS bench pin so we didn't cut a slot)

The top is 3 - 2'x4' sheets glued and screwed to make a 2 ¼ inch thick top (1 ½ inch if you use ½ thick plywood)

Cut the arm rests out of the center section of plywood, we went 1 foot in from each side and made the arm rests 3 inches wide. Cut a 3x3 inch section out of the center for a traditional bench pin (if not using a GRS cleat like we are).

Glue and screw the center sheet sections carefully to the bottom of the top sheet. Drive a short screw or nail just in from the back edge of the arm rest slots deep enough not to touch the last sheet this will make the arm rests stick out ½ inch in the front so you can easily pull them out for use. Glue and screw the last sheet in place. Sand all of the surfaces of the arm rests and rub with wax to help them slide in and out of the slots easy.



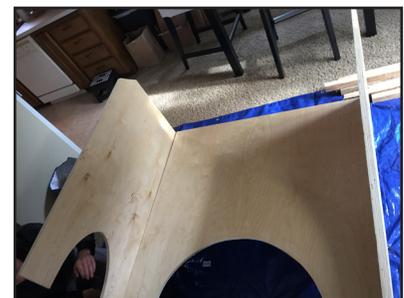
Trace the bottom of the cake pan in the center of the tray sheet and cut out.



This will take some trimming so the pan rests on its rim to make the sweeps tray without leaving a gap that filings can fall through.



Cut out bottoms of sides and back and glue and screw together



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Glue and screw top to sides and bottom (this is to the height that works for you we made ours 40")



Glue and screw the 2x2s to the sides, make sure they are exactly the same on both sides and about 1 inch apart for $\frac{3}{4}$ " plywood and $\frac{3}{4}$ " apart for $\frac{1}{2}$ " plywood the tray sheet slides in the gap so set this at your working height. (ours is 30").

Glue and screw the last 2'x4' sheet to the sides and back leave space so the cake pan will clear it.



This is not a fancy bench but it is very functional with lots of surfaces to store tools and is sturdy enough for heavy use. Ikea or plastic storage drawers are inexpensive and work well with this bench for added storage.

