

DRILL RACK

Description:

So... It seems you're not a woodworker if you don't own at least 3-4 cordless drills.

And of course you cannot run a YouTube channel if you don't build a cordless drill rack.

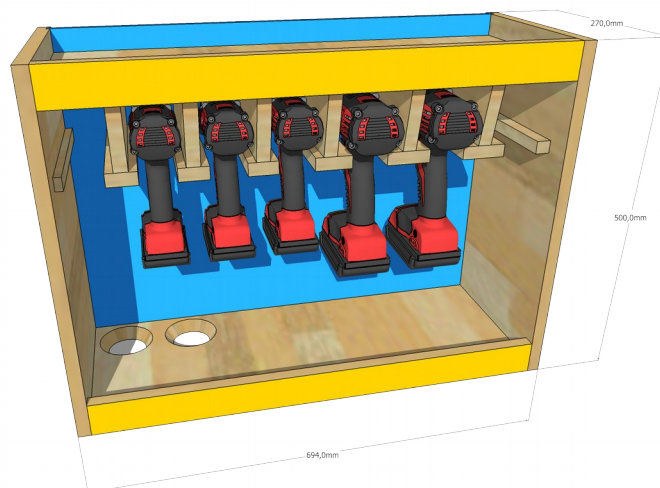
Well, this is my cordless drill rack :)

It has a... well... drill rack on the upper side, a shelf dedicated to chargers (every drill is aligned to his battery charger), and a shelf dedicated to the things I used the most, that is TiteBond glue.

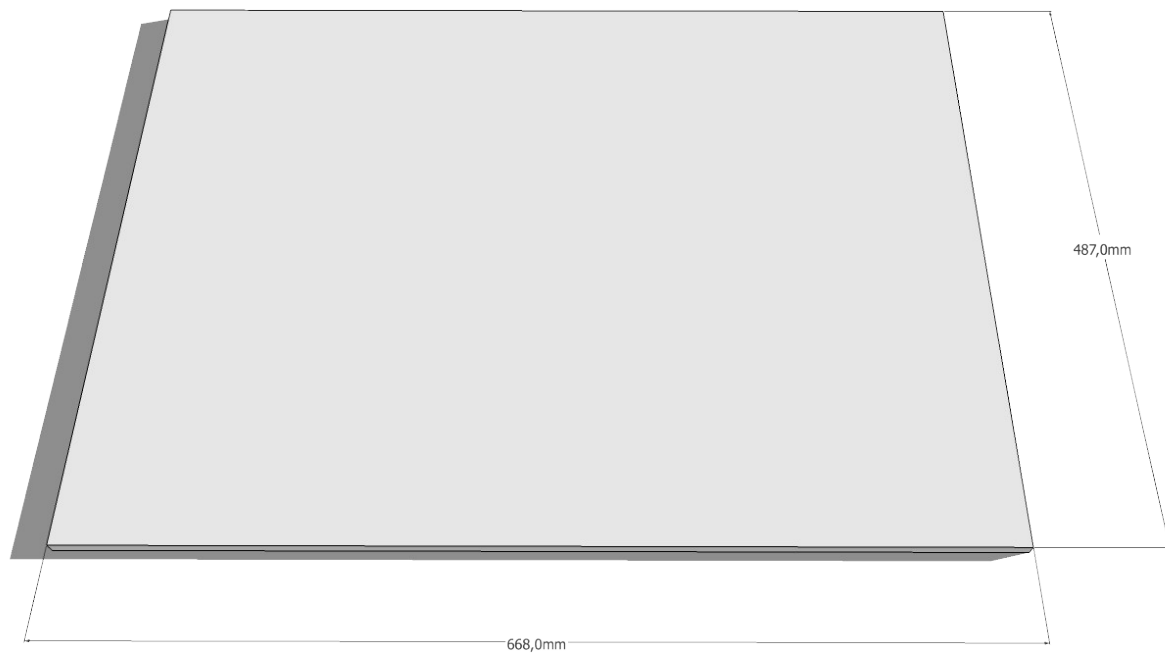
Video instructions: https://www.youtube.com/c/woodworking_engineering

Date of release: 2018-05-23

Materials:
18mm Plywood
10mm Plywood
Dowel pins

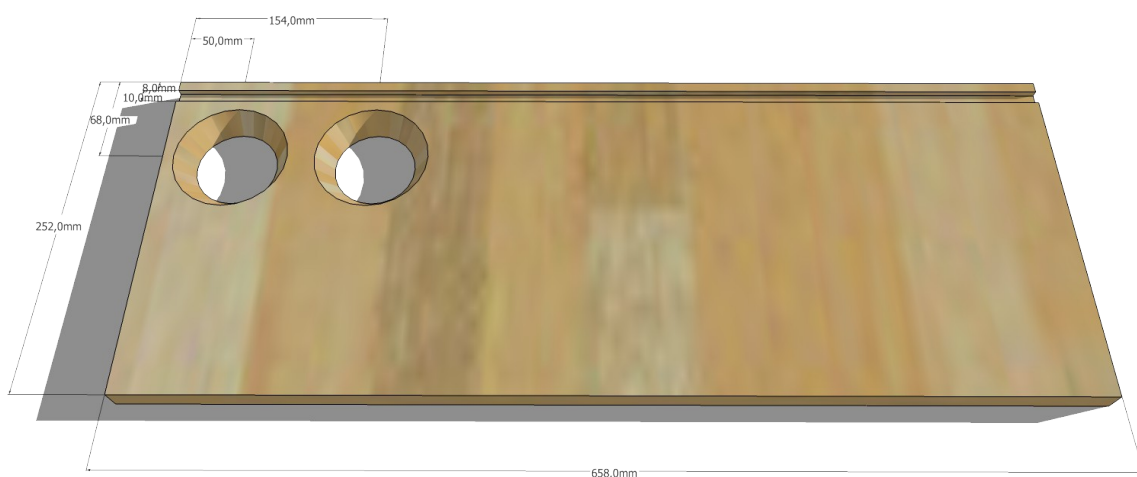


1 REAR PANEL



The rear panel is a 10mm plywood sheet. It will join the dados made on the side and bottom panel.

2 BOTTOM SHELF



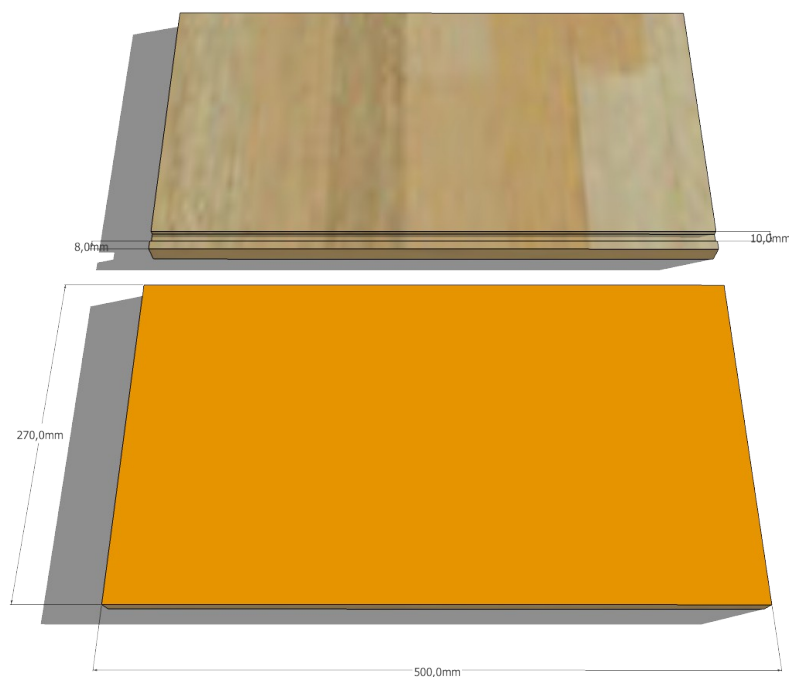
The bottom shelf is made out of 18 plywood. I drilled 2 holes to keep glue bottles, but you can choose the layout based on your needs. A 10mm dado is cut on the back side of the panel.

3 UPPER SHELF



The upper shelf has the same width of the bottom one, but it's less deep. It's just a plain 18mm plywood board. No dado on this part.

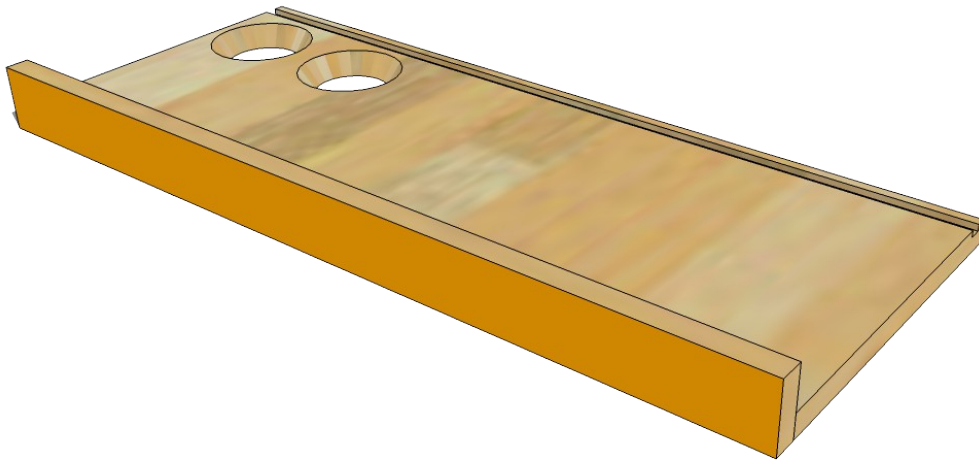
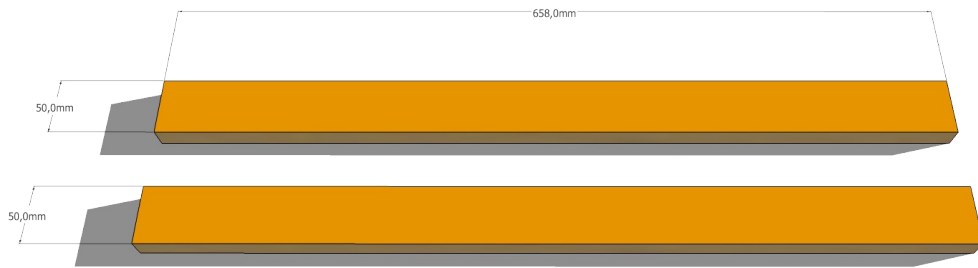
4 SIDE PANELS



The side panels are 2 simple 18mm plywood boards. The inner side will have a 10mm dado, to host the rear panel.

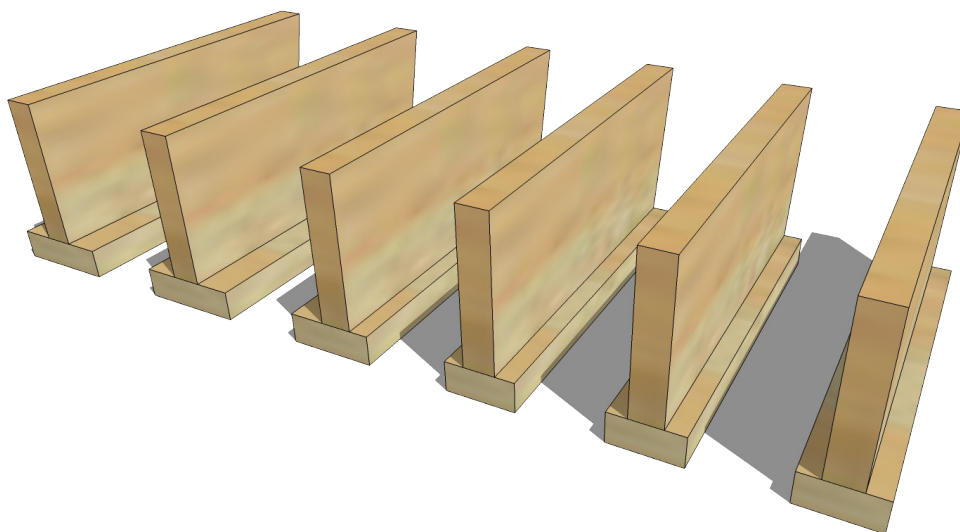
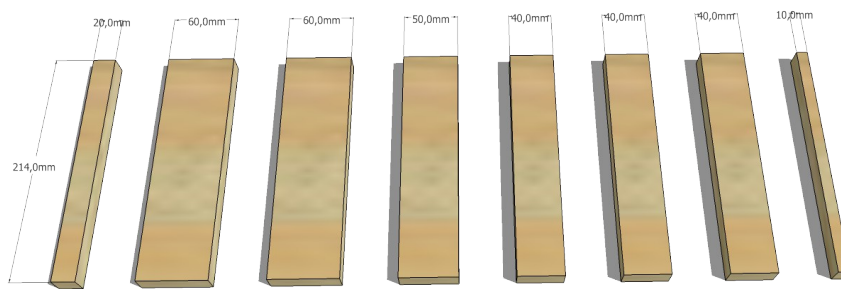
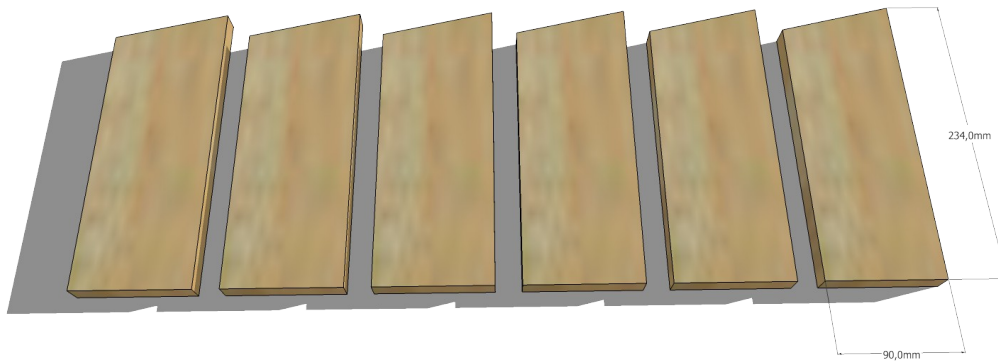
I colored the external side with a water based paint, the color is Pantone 143C, but this is really up to you.

5 FRONT STRIPS



The front strips will be joined to the shelves, using the dowel pins and glue.

6 DRILL HANGERS

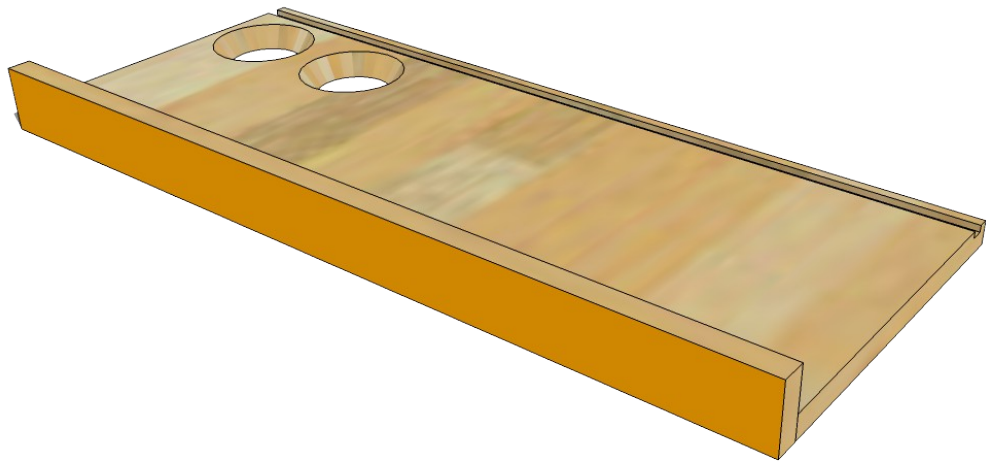


Hangers will be created joining two pieces. Please verify the width of your drill

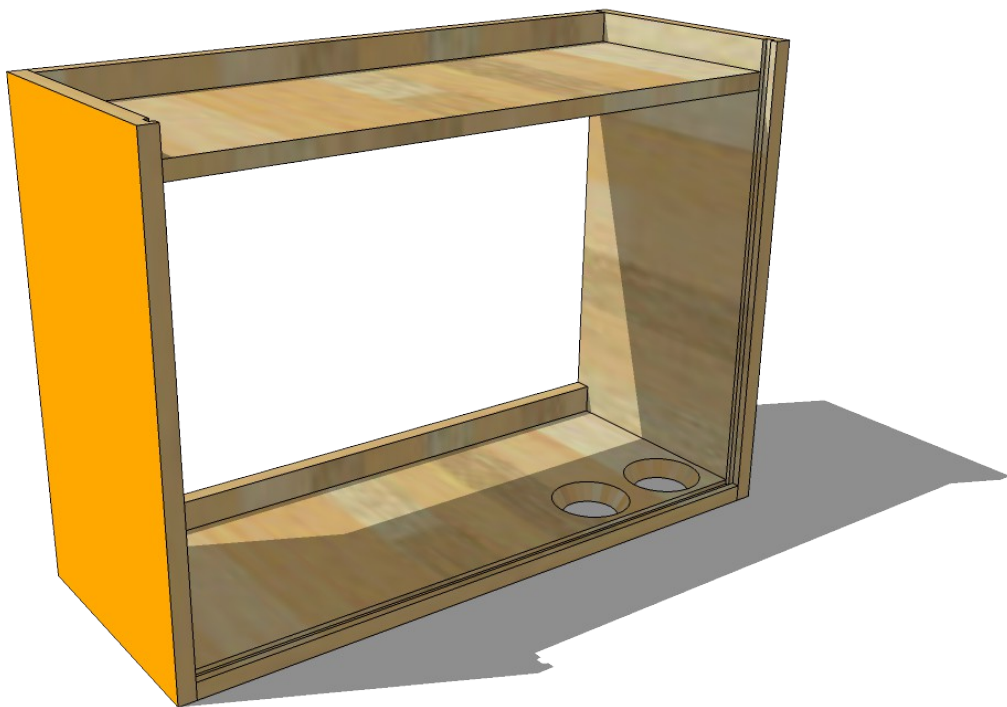
before cutting this parts. On my case, I hade some small drill and some other larger drill, so the horizontal pieces have different width.

7 ASSEMBLY

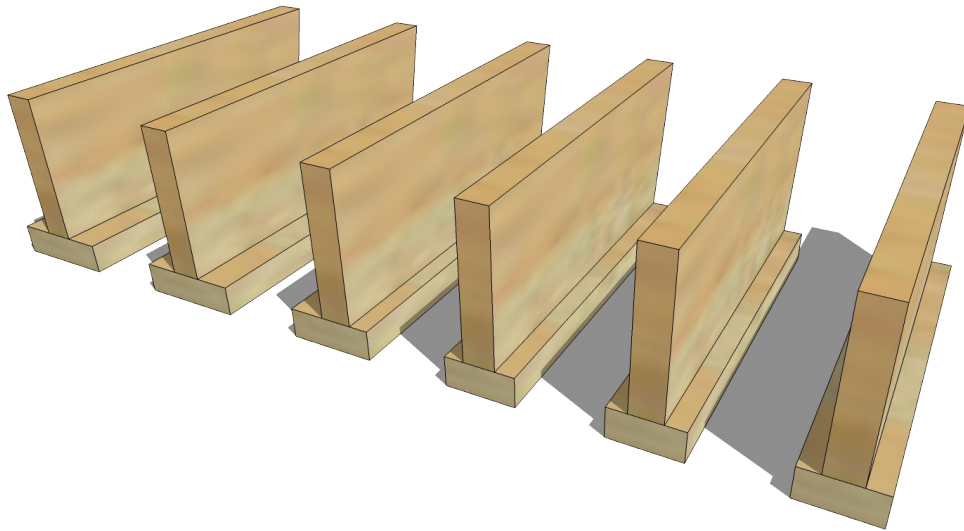
1. Start cutting the whole pieces.
2. Than create the dados.
3. Than glue the shelves to the front strips:



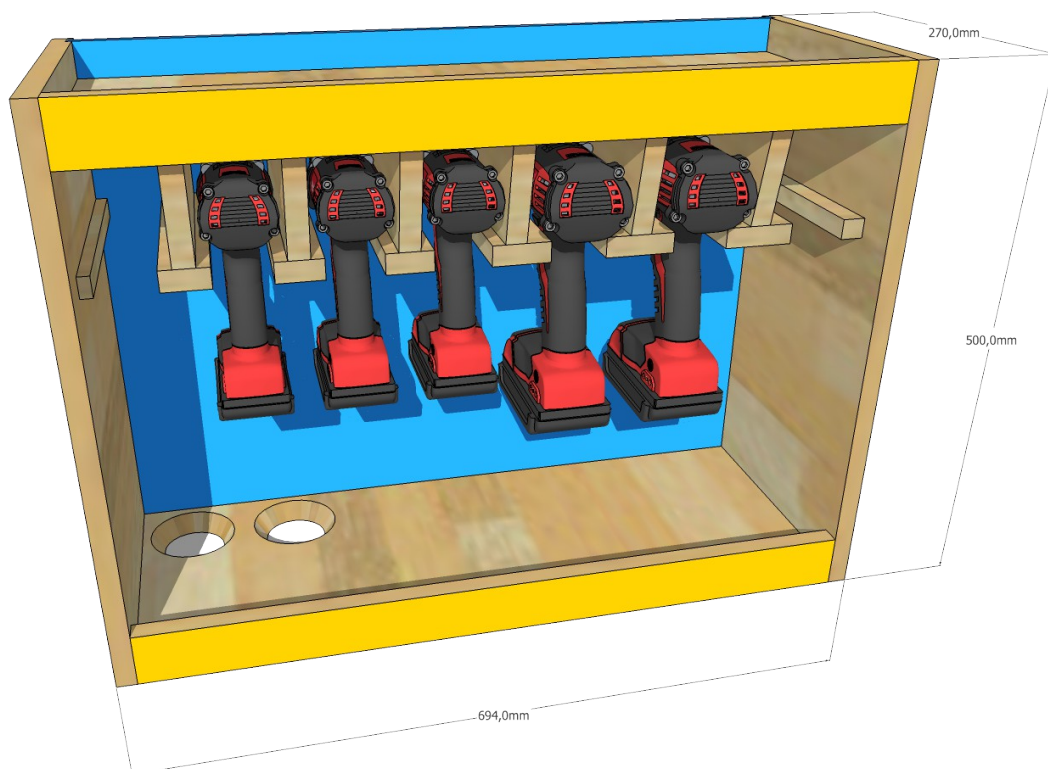
4. Glue and pin the structure. Be sure to align the top shelf in order to leave space for the rear panel to enter



5. Create the hangers:



6. Finally add the rear panel and enjoy your new drill rack :)



8 CUT LIST

The following cut list is designed for 2x4ft (1220x2440mm) plywood.

