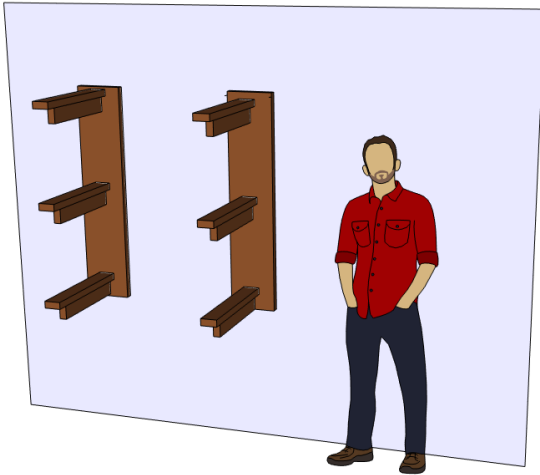


How to Build a Saddle Rack

These instructions are for 6 saddle racks, but I include notes if you need more.



Material List:

3 - 2x4x8 (studs)

1 - 2x10x8

6 - 3 1/2" Tarp Hooks

6 - #0 x 2 7/8" screw eye

2 1/4" - 2 1/2" wood screws

3" wood screws

Drill bit slightly smaller than eye hook diameter

Tools List:

Drill

Saw (Miter preferred but possible with a circular)

Pencil

Stud Finder

Step 1: Cut the Lumber

Cut your lumber to size using the following cut list. Note: Measurements are not exact, since an 8' piece of lumber is shorter than 8'. These are approximations. These instructions are for 6 saddle racks, but can be expanded for more using this equation:

2x4s:

$$(\# \text{ of saddle racks}) * \frac{44 \text{ inches}}{1 \text{ saddle rack}} * \frac{1 \text{ foot}}{12 \text{ inches}} * \frac{1 \text{ board}}{\text{board length (feet)}}$$

$$(6 \text{ saddle racks}) * \frac{44 \text{ inches}}{1 \text{ saddle rack}} * \frac{1 \text{ foot}}{12 \text{ inches}} * \frac{1 \text{ board}}{8 \text{ foot}} = 2.75 \text{ boards}$$

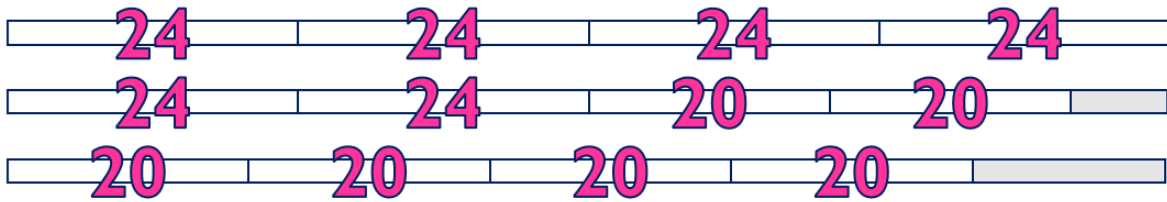
2x10s:

$$(\# \text{ of saddle racks}) * \frac{1 \text{ mount}}{3 \text{ saddle racks}} * \frac{4 \text{ foot}}{1 \text{ mount}} * \frac{1 \text{ board}}{\text{board length (feet)}}$$

$$(6 \text{ saddle racks}) * \frac{1 \text{ mount}}{3 \text{ saddle racks}} * \frac{4 \text{ foot}}{1 \text{ mount}} * \frac{1 \text{ board}}{8 \text{ foot}} = 1 \text{ board}$$

Cut List (inches) -6 Saddle Racks

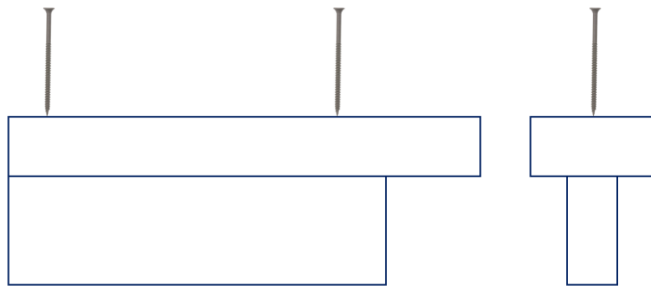
2x4x8:



2x10x8:

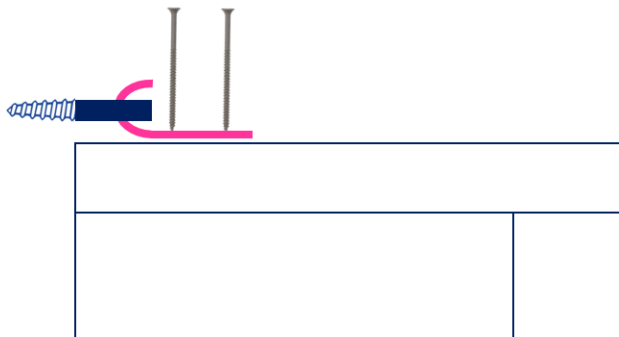


Step 2: Assemble the Saddle Rack



Each saddle rack has (1) 2' piece of 2x4 and (1) 20" piece of 2x4. Stand your 20" piece on its 1.5" side. Place the 2' piece of 2x4 on top, lining up the edges on one side. Shoot one 2.5" screw into each end.

Step 3: Mount the Tarp Hooks



Slide an eye hook onto a J hook and line it up so the threads of the eye hook start just past the end of the saddle rack. Mark your screw holes with a pencil. Remove the eye hook and mount your J hook to the top of the saddle rack with 2.5" screw. Congratulations, you've completed the first saddle rack! You need to repeat this for how many saddle racks you need, but I recommend you finish the rest of the steps and come back to this to make

sure you marked the location of the J hooks correctly.

Step 4: Mount the Wall Mount

Saddles are heavy, so the saddle rack needs to be securely mounted to the wall. The 2x10 helps distribute the load, so it needs to be mounted to a stud. Use the stud finder and find the stud. Center your 2x10 (cut in 4' chunks), vertically on the stud. Set the height based on a saddle rack being located at the very top of the 2x10. I'd recommend at least a foot of clearance, but this is up to your preference. Secure the wall mount to the stud with the 3" screws. If you have extra thick walls, you'll need even longer screws.



Step 5: Install the Eye Hooks

Each saddle rack needs one eye hook. Use your saddle rack to line up the location of the eye hook on the wall mount. Alternatively, you can measure about 5" from the bottom of the wall mount and centered on the wall mount. Drill out a hole for the eye hook using a bit slightly smaller than the eye hook. Thread the eye hook into the hole, stopping when the eye hook is parallel with the floor.

Step 6: Install the Saddle Rack

Hook the J hook of your saddle rack into the eye hook so your saddle rack is perpendicular to the wall mount. Voila! You have a saddle rack! If you need space when the saddle rack is not in use, you can rotate the saddle rack inside the eye hook so that it hangs down, flush with the wall mount.

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