



DIY Simple Workbench Plans

Thanks for downloading the DIY PETE DIY Simple Workbench Plans. My friend George has been wanting to get into DIY projects and needed a workbench in his garage. We made this simple, yet very functional and sturdy workbench to put in his garage. This is a fun build and is very affordable to make. Best of luck on yours!

The complete Youtube video and project tutorial photos to go along with these plans can be found at <http://www.diypete.com/Workbench> -I invite you to make changes to the plans as you find necessary to best fit your needs. Good luck with the project and have fun building it! Please post project photos on the Facebook page at www.facebook.com/DIYPROJECTSWITHPETE or elsewhere tagged with #DIYPETE- Cheers
– DIY PETE





Tools Needed

[Circular Saw](#) OR [Miter Saw](#)

[Drill](#)

And/OR [Impact Driver](#)

[Orbital Sander](#)— Ryobi makes a nice one.

Tape Measure, Straight Edge, Pencil

Eye and Ear protection

Supplies Needed

Lumber for the workbench - see wood list below

[Minwax Polyurethane](#)

[Minwax Gunstock Stain](#)

[Caster Wheels](#)

Sandpaper, Wood Screws, and Washers

Wood

*Note - The actual dimensions of dimensional lumber such as a 4x4 equals 3 1/2"x3 1/2" and a 2x4 equals 1 1/2"x3 1/2"- this is relevant to the wood listed below.

Plywood Shelves - With these dimensions, it'll take two full sheets (\$35/each) and you'll have leftovers. Quantity: Two - 4'x8'x3/4" plywood sheets.

Wood Base - Can be completely made with: Seven - 2x4x8' boards and Two - 4x4x8' boards.

Cut List

Plywood Shelves:

- **Top Shelf** - QTY: 1- 30"x72"x3/4" plywood piece
- **Lower Shelf** - QTY: 1 - 25"x62"x3/4" plywood piece

Wood Structure:

- **Legs** - QTY: 4 - 4x4x31 1/4" boards
- **Top Lengthwise Supports** - QTY: 2 - 2x4x72" boards
- **Bottom Lengthwise Supports** - QTY: 2 - 2x4x69" boards
- **Top Stretcher Supports** - QTY: 5 - 2x4x27" boards



- Bottom Stretcher Supports - QTY: 4 - 2x4x22" boards



Approximate Total Cost: \$175

The Simple Workbench can be made for about \$175 in materials cost. You could reduce \$35 of the cost by only using one sheet of plywood and changing dimensions of the top to 24" or less in width.

Wood Costs

- 2 - 4x4s \$10/piece
- 7 - 2x4s \$2.50/piece
- 2- Plywood sheets \$35/piece

Other Supplies

- 4 - 4" Caster wheels \$8/piece
- 1 lb. - 2 ½" Screws \$9/pound
- 1 lb. - 1 ¼" Screws \$9/pound
- Stain - \$8/quart
- Polyurethane - \$12/quart
- Washers - For Caster Wheels \$1



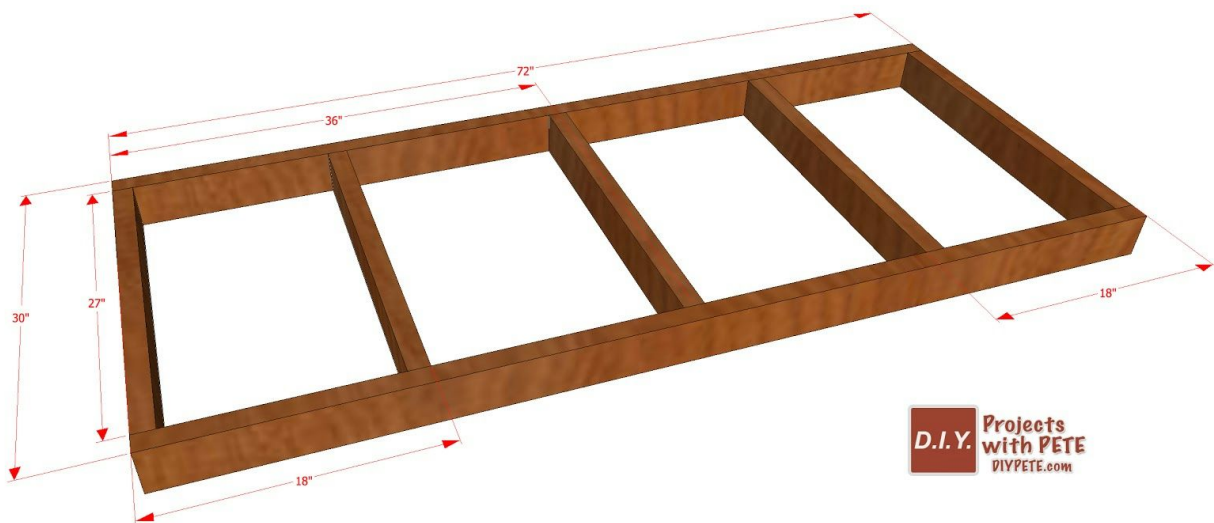
This is the cost for the wood, wood finish, and other basic supplies. *Note: This doesn't include smaller things you may already have around the shop, including: glue, sandpaper, etc.

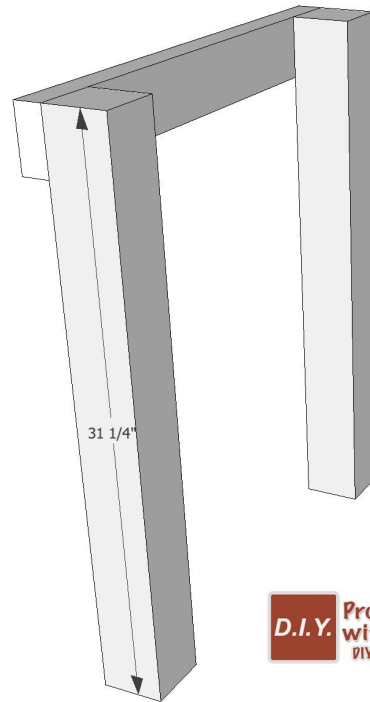
Cut All of the Wood Pieces

We'll start this project by marking and making cuts for all of the different pieces for this simple workbench. We used a simple circular saw for this, you can use a miter saw or table saw as well. Once all of your cuts are made, we'll start assembling it.

Start Assembly, Making the Top First

Now we'll start assembling our simple workbench. After you've cut all of the pieces according to the cut list in the plans, then grab the legs, the top lengthwise supports, and the top stretcher supports. Center one of the top stretcher supports and then space the others about 18" apart. Let's put this all together with 2 ½" wood screws. Pre drill any holes before adding the wood screws and assemble it all together.





Assemble the Bottom

With very similar assembly construction as the top portion, let's attach the bottom support. Note that the back side lengthwise board of the bottom (bottom lengthwise board that will face the user) is attached inside the legs. This allows for more room for the user of the workbench. Screw this all together, similar to before, just with a slight variation in construction design. Refer to the post's photos or video for more visual insight into this. Attach your caster wheels at this point as well, adding a washer on top of the screws to ensure a secure hold.



Cut the Plywood and Attach



Now, we simply need to cut the plywood top and bottom pieces to size. Refer to the cut list for the dimensions and make your cuts. We'll attach these with wood screws, always pre-drilling the holes. You can be generous with the amount of screws that you put into these boards.



Stain and Finish the Workbench

My friend George was a big fan of Minwax's Gunstock Stain, so that is the color that we went with for his workbench. Always test the stain on a scrap piece of wood before applying to the whole project. Be sure to thoroughly cover all of the wood's surface, working your way around, underneath, and in all of the nooks and crannies of your workbench. Let this stain dry and cure and then add a clear coat of polyurethane or lacquer to the workbench.

Get to Work!

Now you've got a solid workbench to get to work on! I hope you've enjoyed making this simple DIY project and that you'll continue to make many more projects in the future. Best of luck and thanks for checking this post, video, and plans out! Cheers



Enjoy!

Thanks so much for checking out the Simple Workbench Plans and I'd love to hear how your project goes! Please post photos on Facebook at www.facebook.com/diyprojectswithpete and subscribe to my Youtube channel at www.youtube.com/diyprojectswithpete.

Cheers from Montana,

A handwritten signature in black ink that reads 'Pete Smeen'.

* Please refer to the post at <http://www.diypete.com/Workbench> and check out the video tutorial for more information, instructions, and tips.