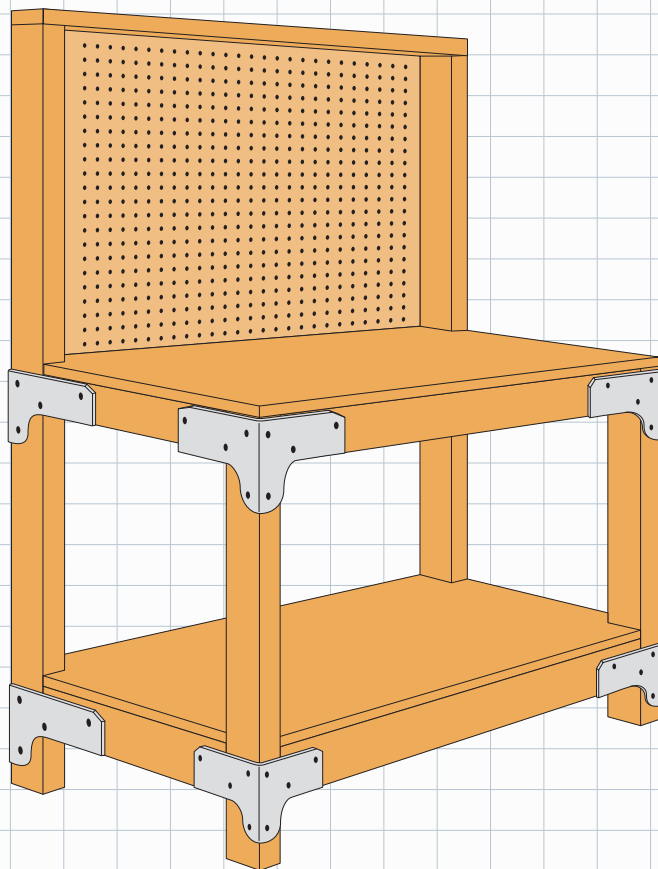


**SIMPLY
BUILD IT**

Just Add Timber



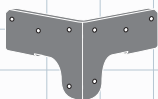
Instructions to build a workbench with pegboard and two shelves



before you get started...

Each workbench kit contains the following items. Please ensure you have all of the components before you begin building.

- 8 x metal brackets.
- 100 x domed head screws.
- 20 x counter-sunk screws.



= 8



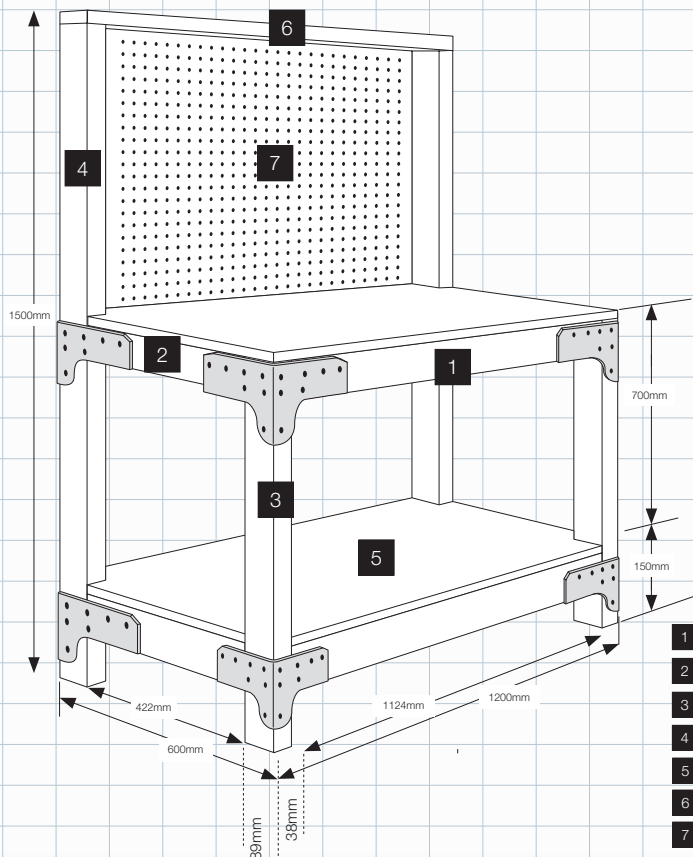
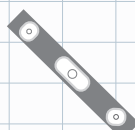
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= 20

You will also require the following tools (not included):

- Saw
- Screw driver (Phillips head)
- Spirit level
- Tape Measure





before you get started...

Buying your timber and plywood

Decide what size work bench you require. The great advantage with this kit is that it can be tailored to your own specific size. The instructions given here are to build a 1200mm (L) x 600mm (W) x 850mm (H) work bench with a 650mm (H) pegboard, but by cutting the timber you can vary the size to your own requirements.

Remember to allow for the widths of the post when cutting the length of the rails.

To build a 1200mm (L) x 600mm (W) x 1500mm/850mm (H) work bench you will need the following timber:

Timber Component	Qty	Dimension in mm (W x H x L)
Rail	4	38 x 89 x 1124
End Rail	4	38 x 89 x 422
Front Corner Post	2	38 x 89 x 850
Rear Corner Post	2	38 x 89 x 1500
Plywood Shelf	2	600 x 18 x 1200
Top Rail	1	600 x 18 x 1200
Pegboard	1	600 x 700 x 1200

CLS timber is an ideal choice. For more specific advice, ask your local DIY outlet or timber merchant.

To build a different size work bench all you need to do is change your length of timber and size of plywood to suit.

Timber Calculator Online

Try our online timber calculator, it's the easy way find out the lengths of timber you need for your project. Just tell it how many shelves you want, enter the basic dimensions and there you have it! A timber cut list you can use for your own reference, or print off and give to your local timber stockist.

Visit www.simplybuildit.co.uk to calculate your timber requirements and watch a demonstration video to help get you started.

Step 1: Marking the Timber - Front Posts



A) Measure 150mm up from the bottom of the first post and mark it. This will be the position of the top of the bottom bracket.

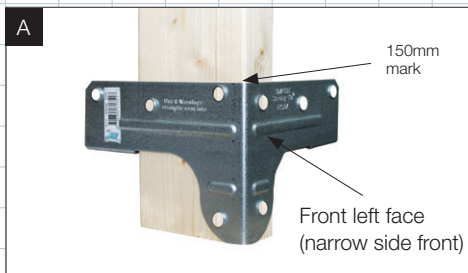


B) Now measure 13mm down from the top of the first post and mark it. This will be the position of the top of the upper bracket.



Tip: To ensure that the shelves fit correctly we recommend that you line all four posts up together so that they are all marked in the same place for both the top and bottom shelf.

Step 2: Installing the Bottom Brackets - Front

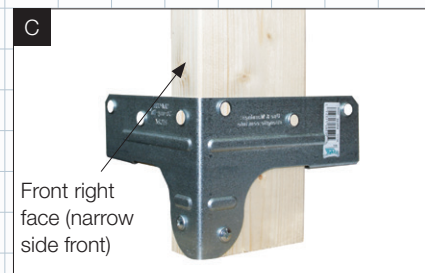


A) Starting with the front left hand post, slide the bracket onto the post, down to the bottom mark. Ensure that the 38mm side post is facing toward you when in position.

C) Repeat steps 2A and 2B for the front right post. Ensure that the 38mm (narrow) side of the post is facing toward you. This should result in the bracket facing the opposite way to the left hand post.



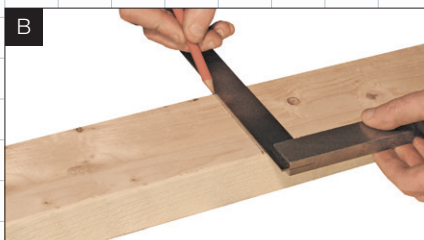
B) Install domed head screws as shown.



Step 3: Marking the Timber - Rear Posts

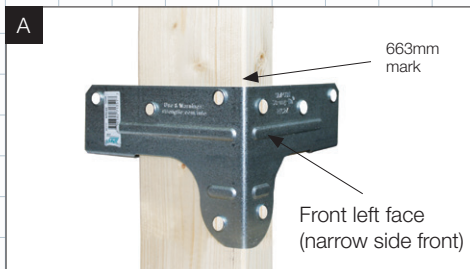


A) Measure 150mm up from the bottom of the first post and mark it. This will be the position of the top of the bottom bracket.



B) Now measure 663mm down from the top of the first post and mark it. This will be the position of the top of the upper bracket and allow for a 650mm high peg board.

Step 4: Installing the Bottom Brackets - Rear Posts



A) Starting with the rear left hand post, slide the bracket onto the post, down to the bottom mark. Ensure that the 38mm side post is facing toward you when in position.

C) Repeat steps 4A and 4B for the rear right post. Ensure that the 38mm (narrow) side of the post is facing toward you. This should result in the bracket facing the opposite way to the left hand post.



B) Install domed head screws as shown.



Step 5: Installing the Bottom Rails



A) To fit the rails take the first left hand post and insert the rail into the bracket. Do not fit the screws yet. Take the front right hand leg and insert the other end of the same rail into the bracket.



B) Using a spirit level, check that the rail is level. Then secure using one dome head screw as shown above. Repeat steps 3A and 3B for the back posts and rail.



C) Now fit the end rails in the same way as the other rails. Ensure that they are level before fixing the dome head screws. Then fix all remaining outside facing screws into the brackets.



D) Now fix all remaining outside facing screws into the brackets.



E) Fit the two internal dome head corner screws on all four brackets as shown above **before fixing the remaining screws**. You should notice how this pulls the timbers tightly together and forms a perfect corner.



E) Fit all remaining screws to the inside of the four brackets as shown.

Step 6: Preparing the Shelves

The bottom shelf should have the corners removed to allow for the posts. The upper shelf only needs the two corners at the rear removed.

Place a piece of the 38mm x 89mm timber on each corner and of the plywood shelf and mark around it to accommodate the corner posts. Cut out these

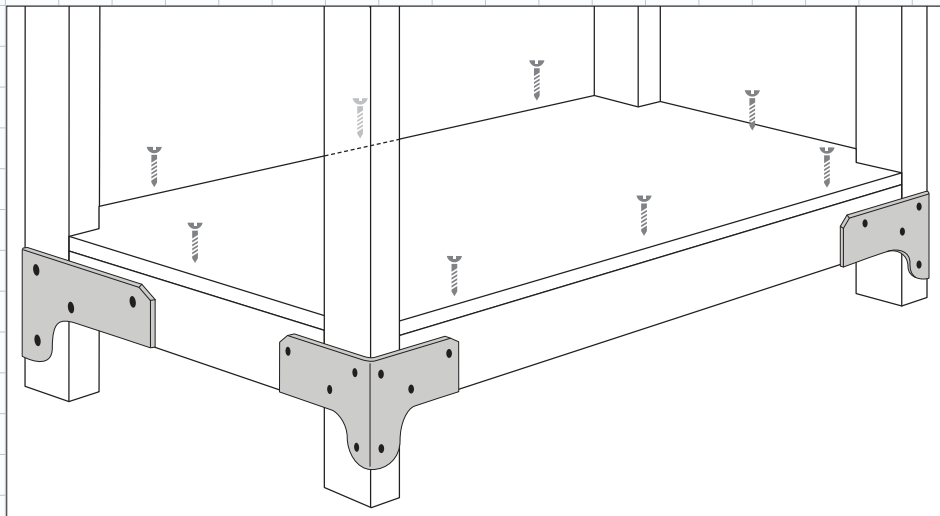
Note: Only remove the corners from the rear of the top shelf as the front of it will sit across the top of the posts.



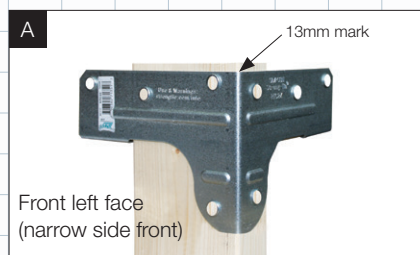
Step 7: Securing the Bottom Shelf

The bottom shelving can now be secured in place.

Using eight of the counter-sunk screws to secure the shelf to the rails. Screws should be inserted at a minimum of every 400mm to ensure a secure fit to the rail.



Step 8: Installing the Top Brackets - Front Posts

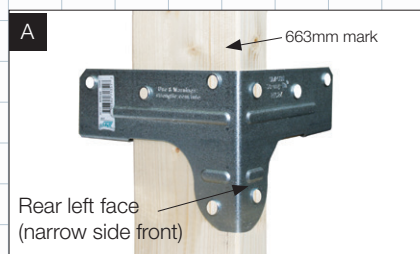


A) Take one of the remaining brackets and slide onto the post, lining up the top of the bracket with the mark.



B) Secure the bracket with two dome head screws as shown above.

Step 9: Installing the Top Brackets - Rear Posts



A) Take one of the remaining brackets and slide onto the post, lining up the top of the bracket with the mark.



B) Secure the bracket with two dome head screws as shown above.

Step 10: Installing the Upper Shelf Rails and Top Shelf



A) Take a rail and fit onto the front two brackets. Using a spirit level, ensure the rail is level and fix with one dome head screw in each bracket face. Repeat this step for the back rail.



B) Now fit the end rails in the same way as the other rails. Ensure that they are level before fixing with dome head screws. The fix all remaining outside facing screws into the brackets.

Step 10 (continued): Installing the Upper Shelf Rails and Top Shelf

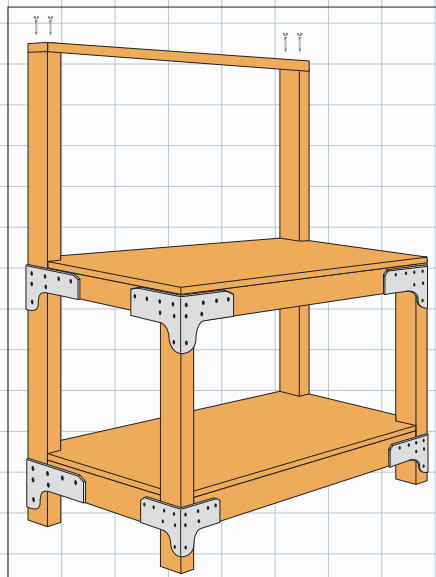


C) Fit all corner the two internal dome head corner screws on all four brackets as shown below **before fixing the remaining screws.**

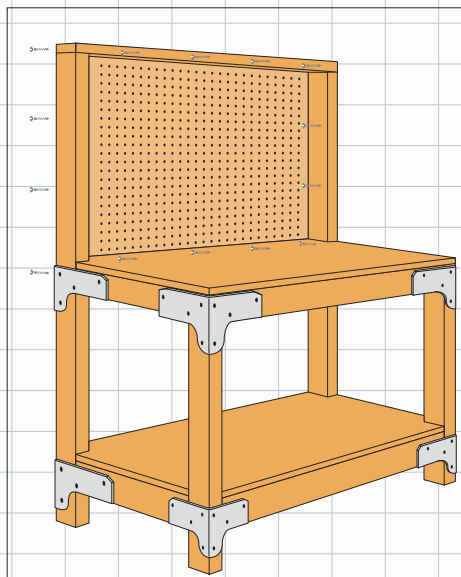


D) Fit all remaining screws to the inside of the four brackets as shown. With your frame in place you can now fix down the top shelf with the remaining countersunk screws.

Step 11: Installing the Top Rail and Peg Board



A) Position the top rail across the two rear posts as shown above with the 38mm face to the front and fix down with two 63mm screws through the top of each rear post.



B) Position the peg board against the rear of the upper frame and fix into place by inserting dome head screws through the peg board and into the rear face of the rear posts, top rail and upper shelf of the work bench.



Find out more...

Visit www.simplybuildit.co.uk for useful ways to get your project up and running.

Timber Calculator: Just add the dimensions and number of shelves to our web based 'app' to receive an instant list of timber lengths for you to print and take to your local timber stockist (or use yourself to measure up your project).

Demonstration Video: Watch a short film in which we explain how to go about creating your Simply Build It projects.

Project Plans: Grab yourself some project plans and instructions to get you started - but don't forget, you can flex the dimensions to suit your space and your needs. We're adding new plans to the website all the time. Let us know what you're doing and the next one we add might be yours!



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