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Created by Vikkie Lee

Custom shed build guide





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Materials Required

CLS (Structural timber)
Tongue and groove (for the cladding)
Latch
Hinges and bolts
Wood glue
Screws
Finish

Tools Required

Jigsaw
Mitre saw
Drill
Orbital sander
Ruler, pencil, tape measure
Nail gun or hammer
Table saw
Router

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Step One: Building the base.



Put two cross pieces together

You can mark the point at which you need to mark the longer cross piece by putting two cross pieces together and butting a 3rd piece up against them.



Mark your cross pieces

Mark 900 mm, as your cutting length, for all of your spar pieces.

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Step Two: Cutting the wood for the base.



Create a stop block for cutting

Nail pieces of wood together, in a cross and measure this distance from your mitre saw blade, to the block. This will allow you to make repeat cuts at the same lengths.



Cut your pieces

Cut all of your long pieces, short pieces and your tongue and groove for the cladding.

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Step Three: Putting the base together.



Attach the base pieces

Mark both of your cross pieces at 400 mm distances. This will be where your spars connect the pieces together. Once you have your marks, pre-drill the cross pieces and use a drill to attach the frame together



Clad the base

Attach the first piece of tongue and groove at the bottom of your base (using a nail gun or hammer and nails) and then work up the base attaching more cladding until the base is covered.

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Step Four: Building the back panel.



Measure a 1/4 inch overhang

Use one of your cross pieces to mark each side with a 1/4" overhang. Once you have marked the cross piece, with a 1/4" overhang, cut your pieces on the mitre saw.



Attach the back panel pieces together

Measure your spars for the back panel at 60" lengths and cut on the mitre saw. Use the method mentioned previously to mark your spars at 400mm intervals. Pre drill everything and attach it all together.

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Step Five: Stacking method explanation.



Panels are built one on top of the other

Each of the 4 panels is initially built on top of each other. This method allows you to save space, by confining the whole build to a single table and it means that everything remains square, throughout the build.



Cladding

Once all of the panels are stacked on top of each other, they can then each be cladded and then removed to make way for cladding the next one.

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Step Six: Building the front panel.



Mark the door opening

Toenail the first piece for your front panel, to the back panel, to hold it in place. You then need to mark 7" from each side of this piece, for the door opening. Pre-drill your marks and screw the frame together.



Add a noggin for the top of the door

Mark and measure a piece to the width of your door opening, and use a packing pice as a spacer between your noggin and the top of the frame.

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Step Seven: Building the side panels.



Build the side panels

The side panels need to match the panels beneath. Build your frame, using the same method you used previously. Once you have attached the spars, use a cross piece to brace the top of the spars to keep everything fixed for cutting. Use a further cross piece to mark the spars with the roof's slope (60" on one side and 64" on the other).



Create the sloping roof

Once the spars are marked with the slope, you can cut the spars using a hand saw and then attach the cross piece. Once this is done, repeat the steps and then flip the final frame over to ensure that you are cladding it on the correct side.

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Step Eight: Cladding and assembly.



Cladding

Add your cladding to each of your frames, removing them as you go. When you get to the door, use smaller pieces of tongue and groove for the sides of the door and then use a router to cut the top of the cladding for the door frame.



Assembly

Put all of your sides together, pre drill and screw them to make sure that all of your shed sides are in place.

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Step Nine: Adding the roof.



Building the roof frame

Add cross pieces to the tops of the shed, on either side, these will be your 'roof locator blocks' then hold up a cross piece and mark 3" from either side of the roof locator blocks and use the existing spars from the back panel to mark where the spars will go. Cut your pieces and attach everything together, like you did with previous frames. Clad the whole thing.



Add felt and trim

Glue your felt to the roof and then use a knife to cut the excess from the edges. Nail down the felt. Add pieces of wooden trim to each side of the roof. Put the roof

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Step Ten: Finishing the shed.



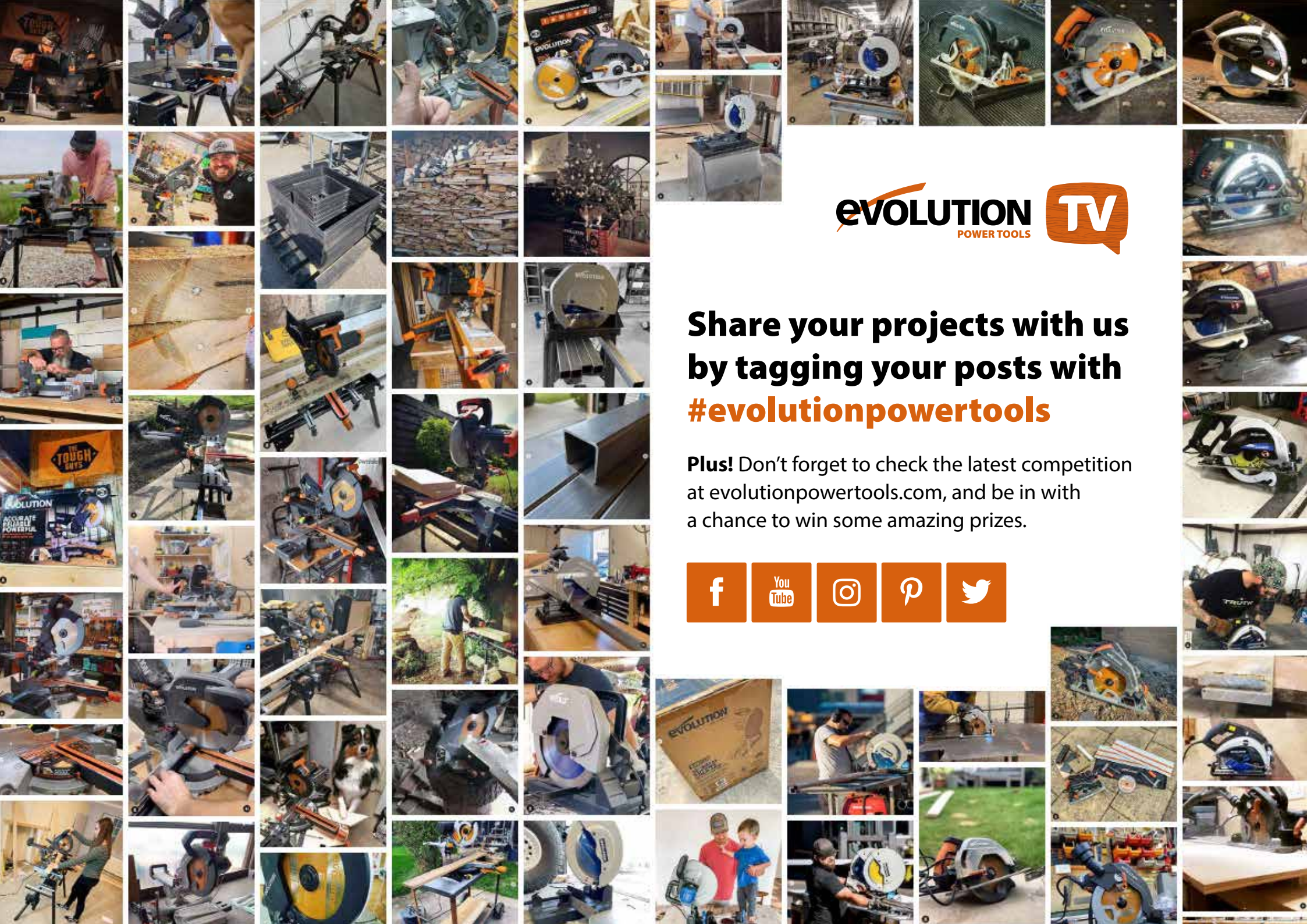
Making the door

Measure the door frame and cut the pieces to make your door. Cut a mitred cross brace to help to support the door. Attach all of your door pieces together to create the door and add cladding. Attach the door using hinges and add a latch.



Finishing

Paint the shed with finish and then pre-drill each corner of the shed so that you can screw and bolt the whole thing together.



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