



**Dyfrig Owen**

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Evolution Rating: ★★★★★

Difficulty: **Advanced**

Duration: **1 Day**

## Upcycled Outdoor Sofa!

Dyfrig has shown us how easy it is to make outdoor furniture and delivered real craftsmanship with expert precision to his DIY project. He has put the Evolution multipurpose saws and mini belt sander to good use, creating a fantastic outdoor sofa. A fine addition to any garden. Check out his video of the FURY circular saw.

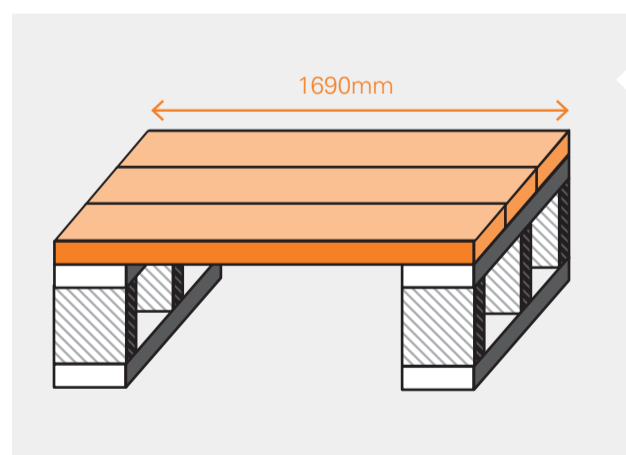
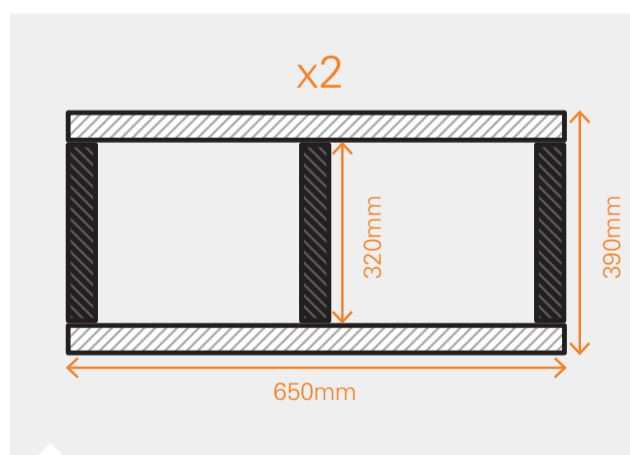


### Materials & Tools

- 2.4m of 3x3 timber.
- 13.7m of scaffold boards.
- 2.8m of 10x1 planed timber (like a shelf)
- 2 of 8x4 sheet timber material (chip,ply board for cladding or alternative use planked material approx 7m running of 10inch wide)
- 1.5m of 2x4.
- Box of 3" screws.
- 5" screws x6
- Pack of panel pins 30mm+

### Step 2

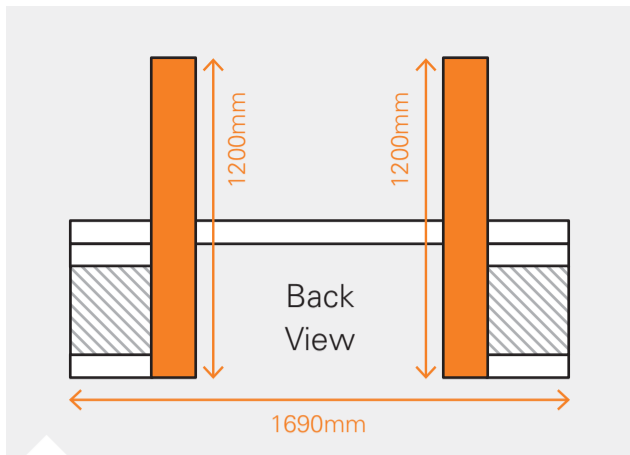
Cut 3 lengths of scaffold boards to 1690mm then attach to the support structures assembled in step 1 lengthways and flat to create a bench.



### Step 1

Cut the scaffolding boards to 320mm lengths. You should have 6 pieces at this length. Also cut 650mm lengths. You should then have 4 pieces at this length. Use the 3inch screws to fix together.





### Step 3

Cut the 3x3 timber into 1200mm lengths. these will be your back supports. Using the RAGE3-S mitre saw cut an angle of 12 degrees into the bottom of each length.

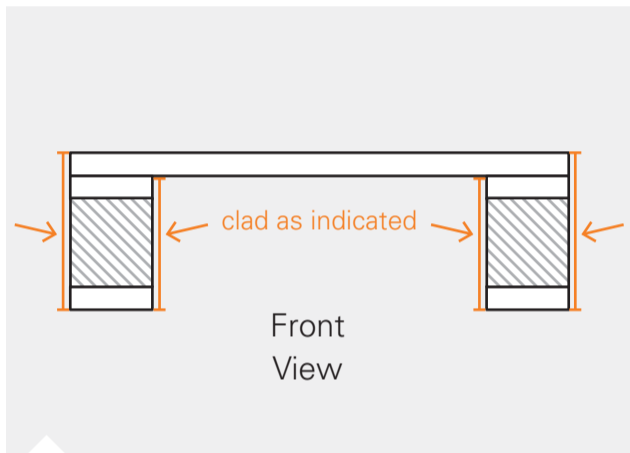


### Step 4

Using the fury circular saw, set the depth of the blade at 25-30mm and set the angle of the blade at 12 degrees. Rest the back supports against the inside of the bench supports and mark the depth of the scaffold planks (the seating material, top and bottom) on the back supports.

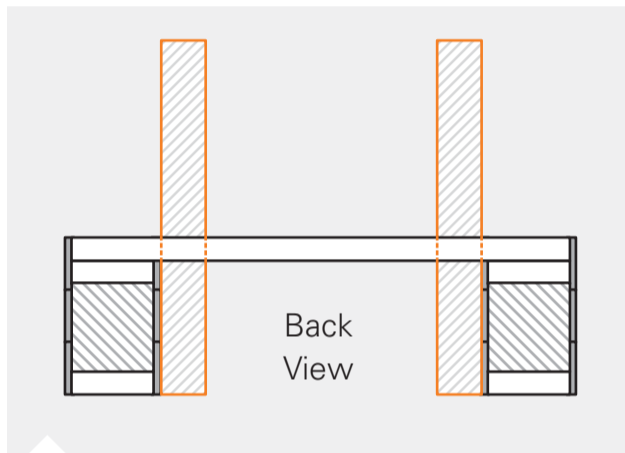


The blade is set on your fury circular saw at 12 degrees to match the angle of the bottom of the leg. Cut along the mark you made on the 3x3 to a depth of 25-30mm. repeatedly cut in-between the 2 marks you made to make removing the timber easy with a screwdriver and run the FURY circular saw sideways motion to clean up the joint. **(See Video)**



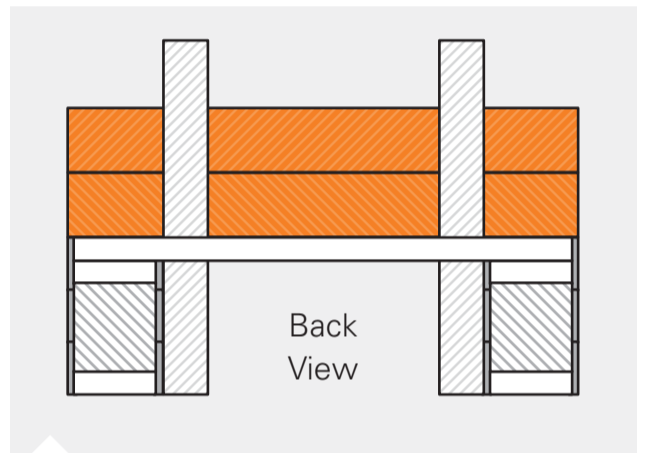
### Step 5

Before attaching the back supports and if you wish to hide the seat supports, clad both inside and outside the bench supports with either sheet material (ply or chipboard) or planked material cut to length.



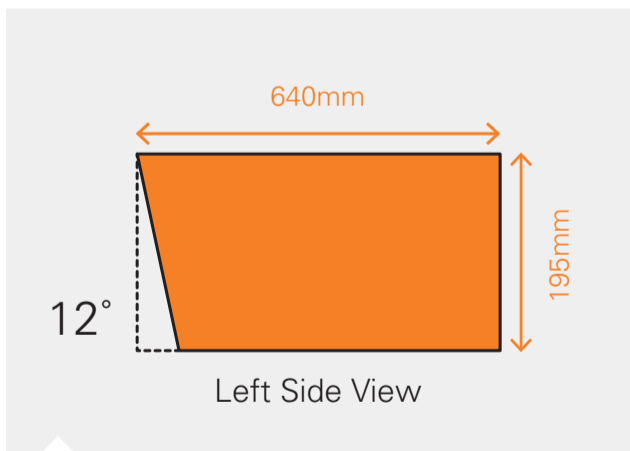
### Step 6

Attach the back supports to the inside of the bench supports using 5inch screws and ensure that the bench fits neatly into the rebate you made in step 4 with the back support touching the floor.



### Step 7

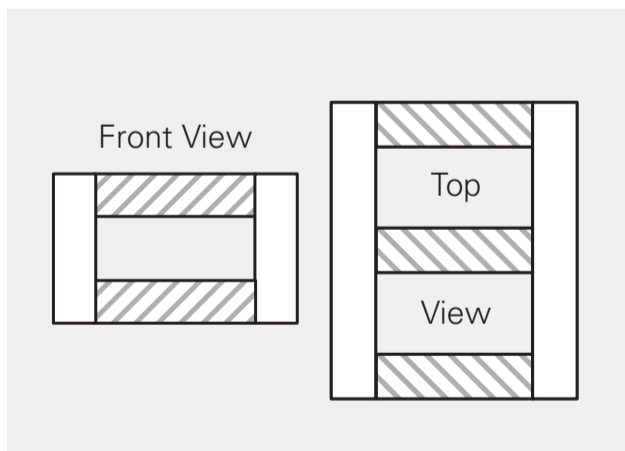
Cut 2 more lengths of scaffold board to match the outside edge, flush with the cladding. (My ones are approx 1695mm but depends on length as decided by you) and attach to the back rest supports using 3inch screws.



### Step 8

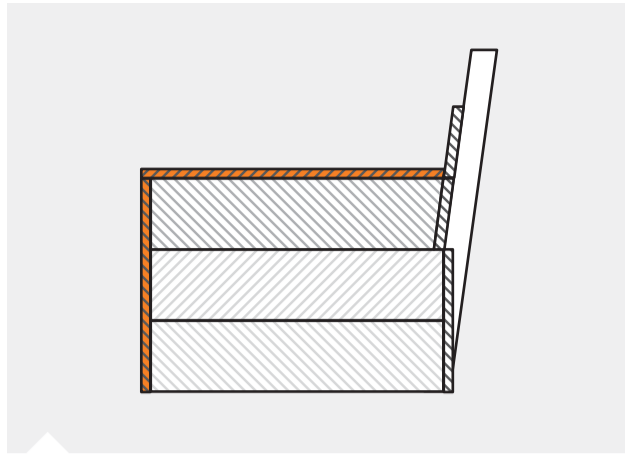
#### Make the arm rests.

Cut plank material to 640mm length 195mm width. You need 4 of these. At one side set your RAGE3-S to 12° and cut ensuring you still have 640mm length. Do this to all 4 lengths. Cut your 2x4 to 230mm lengths. You need 12 of these.



### Step 9

Put 2 planks standing on edge and use 6 pieces of 2x4 equally spaced 3 top 3 bottom to connect together. Similar structure to the bench supports made in step 1, using your 3" screws attach to the bench and back supports. Allow the width of your cladding material from the edge if you want a flush look.



## Step 10

Clad the front of the bench supports with sheet material/plank material much like in step 5 to hide the bench supports and clad the top of your arm rests to bridge the gap and hide the supports.

## Step 11

Finish off by using your Evolution Mini Belt Sander to round over any sharp corners and rough wood then paint or stain whichever you choose.



## Featured Evolution Power Tools



### FURY

185mm Multipurpose  
Circular Saw



### RAGE3-S

210mm Multipurpose  
Sliding Mitre Saw



### MINI BELT SANDER

40x303mm Multipurpose  
Belt Sander

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