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Manchester

Evolution Rating: ★★★★★  
Difficulty: **Intermediate**  
Duration: **1 Day**

## Upcycled TV Stand

A three tiered stand to fit your widescreen TV. Plenty of space for the TV box, games console and Blu-Ray collection. Here is what you need and how to build it...



### Materials & Tools

- 6x 3ft Scaffold Boards
- 4x 2ft Lengths Of Scaffold Tube
- 4x 1m Lengths Of M6 Threaded Bar
- 24x M6 Nuts
- 12x M6 Dome Nuts.
- Evolution Rage 5 Table Saw
- Evolution Fury Circular Saw
- Planer
- Biscuit Jointer
- Drill Press
- Hole-Saws 51mm And 48mm
- Router



### Step 1

Have all materials ready for cutting.



### Step 2

Boards are ripped through to give a straight edge for joining together using the Evolution RAGE5 table saw.



### Step 3

Cut scaffold poles to 56cm. Easy with the Evolution RAGE5; no messing about changing blades to cut the steel.





## Step 4

Next, mark and drill through holes for M6 threaded bar at 10cm and 32cm.

Assemble with bottom and middle boards, mark and drill holes at 54cm.

Line up visually as these go from the front legs to the rear and are diagonal to the other holes that go through the blocks and hold them in place.



## Step 5

**Boards ready for glueing.**

I join mine with biscuits to help alignment but can also be butt joint.



## Step 6

With the boards glued up, they're ready for trimming to size using the Evolution FURY circular saw.

Cut boards to 80cm x 40cm.  
Mark out and trim boards 9-3/4in from front edge then mark a 45 degree angle.



## Step 7

Clamp all boards together and drill pilot holes 2-1/2" from each front and back corner of mitred section.

Drill through holes on the middle and bottom boards at each pilot hole with a 51mm hole-saw.

**(Optional)**

Cut a 64mm hole in the top and middle sections only, for cable routing.



## Step 8

**Top Board**

Drill halfway through top board with 51mm hole-saw then change to 44mm hole-saw and drill halfway through again this will allow the scaffold pole to fit nicely.



## Step 9

**Off-cuts from hole-saw.**

The larger off-cuts from holes are cut again with the 44mm hole-saw about 3/4in through to form the feet.

The smaller pieces also make the anchorage in the legs by cutting right through.



## Step 10

### **Anchorage for top in legs.**

Knock a rawl plug into the hole then tap the piece into the end of the pole, knock far enough down to allow room for the top to sit properly



## Step 11

The top board is screwed to the legs and wooden plugs are cut to fit into the screw holes.

## Step 12

Finish with a light oak stain and a couple of coats of finishing wax.



Featured Evolution Power Tools 



## Featured Evolution Power Tools



### RAGE5

255mm Multipurpose  
Table Saw



### FURY

185mm Multipurpose  
Circular Saw

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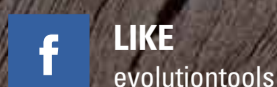
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