

Build your own

# Garden Setting

No. 18



DO IT YOURSELF INSTRUCTION LEAFLET



**HOME**  
TIMBER AND  
HARDWARE



**This brochure will give you a guide to building a timber garden setting. For all materials, tools and any further help or advice you may want, just come and see us at Home.**

*No garden is complete without somewhere to sit down and enjoy it! This handy outdoor setting is simple to construct and will give you and your family years of pleasure.*

Before you start, please read all the instructions carefully and then order the materials required at your local HOME Timber and Hardware Store.

## MATERIALS

You will need 70mm x 20mm Treated Pine, Jarrah or Merbau cut to the following lengths:

- 17 x 1350mm
- 4 x 730mm
- 7 x 650mm
- 6 x 600mm
- 2 x 590mm
- 8 x 430mm
- 4 x 290mm
- 14 x 275mm

Treated Pine Screws ribbed head countersunk Phillips drive galvanised

- 8 gauge x 40mm x 150
- 8 gauge x 30mm x 150

## TOOLS

To build this outdoor setting, you will need:

- Power saw or Hand saw
- Jig saw or Coping saw
- Drill/Screwdriver
- Square and Hammer
- Tape or Folding rule
- Pencil
- Sander or Sandpaper & Block
- 1 x 4.5mm Drill Bit

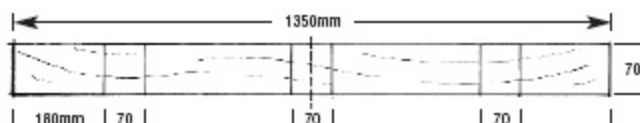
## PREPARATION

### STEP 1

Cut the treated pine to the lengths described in the material list.

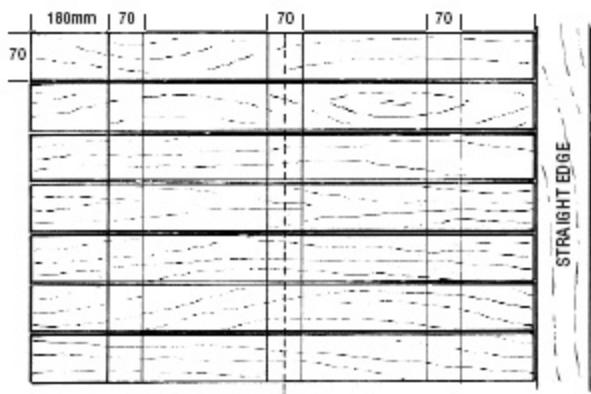
### STEP 2

The 17 pieces of 1350mm are for the top of the table and two seats. They should be set out as follows:



The easiest method of doing this is to mark the set out lines on one piece then transfer the lines to a second piece using your square. These lines mark the position of the three rails under the table and seat tops. To transfer the set out lines to the remaining 15 pieces, you will need to find a flat surface, i.e. floor, bench, table.

Lay the unmarked pieces together on their edge. Place the two marked up pieces on either side. Using a straight piece of timber, make sure all ends are in line. Next, using your straight edge, transfer the set out lines across all the pieces of timber.



### STEP 3

Next, you need to set up the three rails under the table.

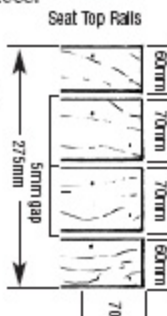
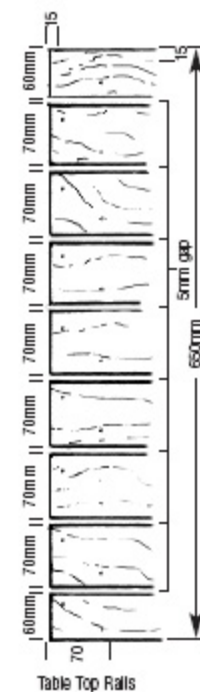
Take three pieces 650mm long and set out as follows:

These lines give the position for the top pieces of the table. You now need to set out the screw holes which should be staggered as shown.

It is only necessary to set out one rail and mark the screw holes with a nail and hammer. Now, with the 4.5mm Drill Bit in your drill, drill the holes in the piece you have marked. You can now place this piece on top of the other two rails in turn and drill through the bottom piece.

### STEP 4

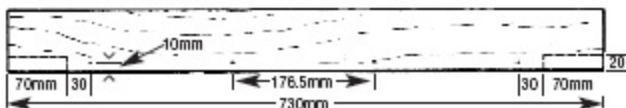
For the seat top rails, take six pieces 275mm long and set out as follows:



These lines give us the position of our top pieces for our seats. Follow the same procedure as for the table rails.

## STEP 5

The four pieces x 730mm and the two pieces x 590mm are the table leg uprights and should be set out as follows:

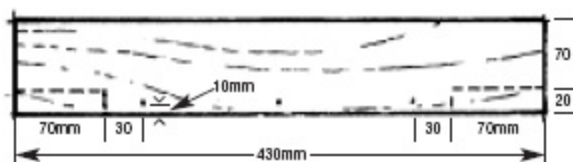


Cut out a 70mm x 20mm recess at each end of the four 730mm pieces. This is to accept the top and bottom rails of the leg. Now set out the screw holes and drill.

Remember, you need only set out one and use it as a pattern to drill the other three. The two 590mm pieces do not get cut or drilled.

## STEP 6

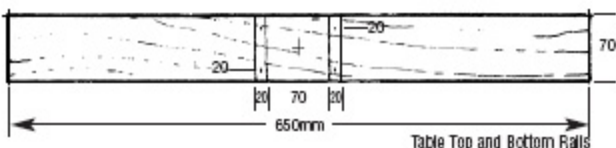
The eight pieces x 430mm and the four pieces x 290mm are the seat leg uprights and are set out as follows:



Cut and drill as for the table uprights. The four pieces x 290mm do not get cut or drilled.

## STEP 7

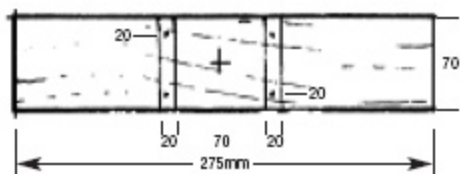
The remaining four pieces x 650mm are the top and bottom rails for the table legs and are set out as follows:



Drill four holes where indicated in each piece.

## STEP 8

The remaining eight pieces x 275mm are the top and bottom rails for the seat legs and are set out as follows:

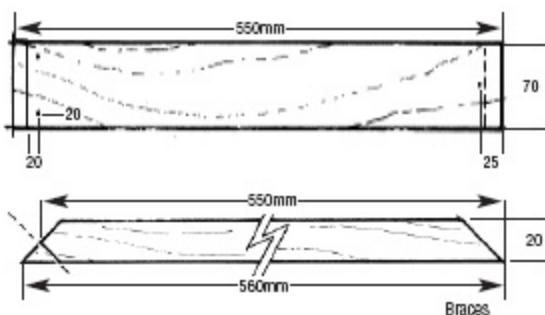


Seat Top and Bottom Rails

Drill four holes where indicated in each piece.

## STEP 9

The six pieces x 600mm are the braces and are set out and cut as follows:



Cut opposing 45 degree angles on each end so the length from long point to long point is 560mm. Now, on one end cut another 45 degree angle to form a point. The overall length should now be 550mm. Set out holes as indicated. Do not drill at this stage.

## STEP 10

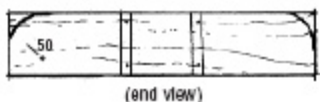
The next job is to round off some of the ends to give your outdoor setting a more professional finish and to make it more comfortable to sit at.

The pieces that need to be rounded off are:

6 x 1350mm table and seat tops

4 x 650mm top and bottom rails for the table legs

8 x 275mm top and bottom rails for the seat legs.



An easy way to mark the round ends is to use a round container such as a paint tin - a 1 litre size is ideal. Once you have marked them, cut and sand them to shape.

## ASSEMBLY

### STEP 11

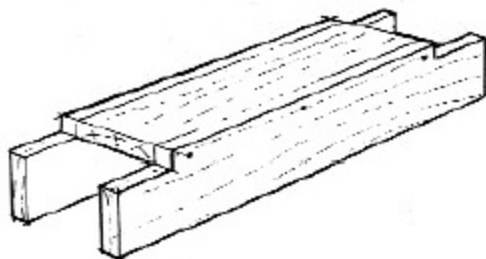
On a flat surface, lay the nine pieces for the table top face down with the two rounded pieces to the outside. Take the three table top rails and position them on the set out lines using the 30mm screw. Fix one end of the table rails 10mm in from the edge of the rounded top piece with the two screws in each rail. Fix the other end of the rails to the other rounded piece 10mm in from the edge and aligned

with the set out marks. Check that all the ends are level and the spacing between the pieces is equal and screw them all in place.

Repeat the procedure for the seat tops.

## STEP 12

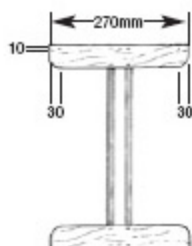
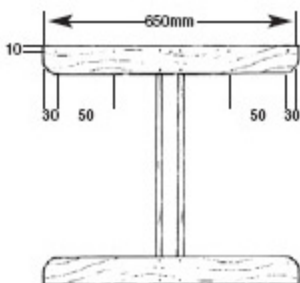
Take the four x 730mm table leg uprights and the two x 590mm and assemble as follows. Using the 40mm screws, screw two of the 730mm pieces on either side of the 590mm piece as shown:



Now place a top and bottom table leg rail on either end and screw in place with 40mm screws.

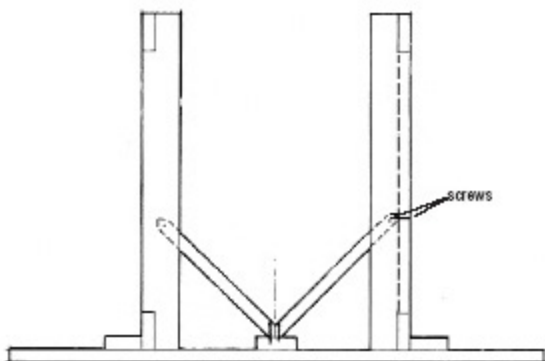
Take the eight x 430mm seat leg uprights and the four x 290mm and assemble using the 40mm screws. Screw two of the 430mm either side of the 290mm as above. Now place a top and bottom seat leg rail on either end and screw in place with 40mm screws.

## STEP 13



Pre-drill five holes in the top table leg rail and three in the top seat leg rail as shown above. These holes will be used to screw the legs to the table and seats using 40mm screws.

Lay the table top on a flat surface. Screw the legs in place. You are now ready to brace the legs using two of the pre-cut braces.



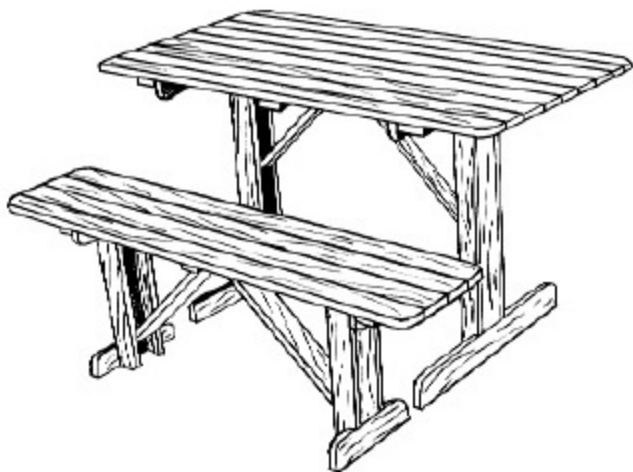
fix with two 40mm screws in each. You will need to drill these holes at this stage. Now check that the legs are square to the top and fix with three 40mm screws, one through the face and two through the edge.

Repeat to assemble seats.

*(Note: Diagrams are not to scale, all measurements in mm)*

## **FINISHING**

To put the finishing touch to your outdoor setting, sand off any rough surfaces or edges. You can apply a good quality exterior paint or stain if you wish. Visit your local HOME Timber & Hardware store and select from the wide range available.



## TIPS FROM THE TRADE

Measuring is easy, but materials are expensive, so double check all measurements and markings before cutting and piece of timber. When you need several pieces of timber all the same length, you can save time by clamping them together, measure once and cut all together. Even if you have been a fraction out in measuring, at least all pieces will be the same length. When fixing outside, you should always use galvanised nails/bolts as standard bright steel nails etc. will rust and cause unsightly stains on the timber-very hard to remove or hide. Always wear goggles for eye protection and ear muffs when using power tools. Follow the manufacturer's instructions when applying exterior stains and paints - short cutting will result in an inferior job.

**IMPORTANT:** This instruction leaflet has been produced to provide basic information and our experienced staff are available to answer any questions you may have. However, use of this information is on the understanding that Home Timber & Hardware (including its author, owners and proprietors) disclaim any liability for any damages or any other amounts found to be recoverable resulting from such information, even when it is given negligently or attributable directly or consequentially upon any act or omission of Home Timber & Hardware. Should Home Timber & Hardware be found liable in any way for the information provided, the user acknowledges and agrees that such liability be deemed null and void. The user is advised to call in a qualified tradesman such as an electrician, carpenter or plumber where such expert services are required.

Your local Home Store is:

