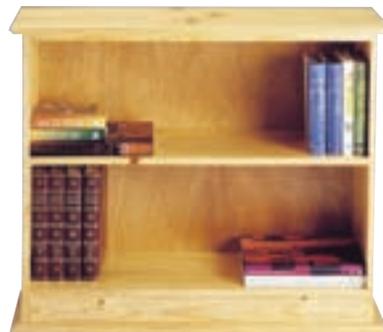


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 **STYLEwood®**

## Easy-to-make Wine Rack



# Easy-to-make Wine Rack

## PROJECT MATERIALS LIST

Component	Material	Quantity	Purchase Size & Finished Size
Sides	Stylewood DAR	2 lengths	290mm x 19mm x 900mm CUT TO 800mm long each
Top	Stylewood DAR	1 lengths	290mm x 19mm x 1200mm CUT TO 1188mm long
Bottom	Stylewood DAR	1 lengths	290mm x 19mm x 1200mm CUT TO 1150mm long
Shelves	Stylewood DAR	8 lengths	90mm x 19mm x 1200mm CUT TO 1150mm long each
Back	Stylewood T&G Vee Jointed	7 lengths	140mm x 12mm x 900mm CUT TO 800mm long each
Nails	-	as required	
PVA Adhesive	-	as required	
Sandpaper	Fine	as required	

## TOOLS YOU WILL NEED FOR THE JOB

Electric hand saw • Compass • Router (jigsaw can be used) • Hammer • Square • Steps

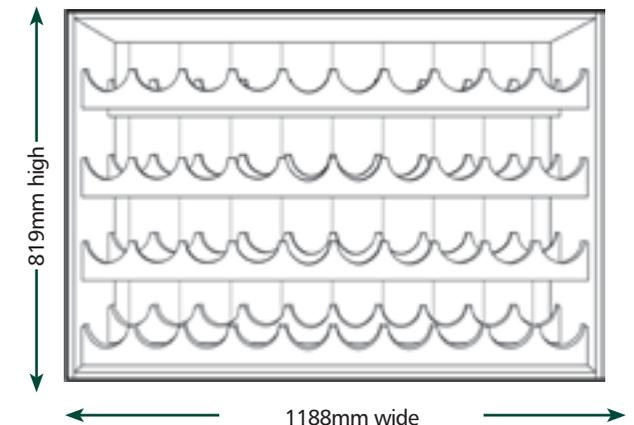
## STEP-BY-STEP INSTRUCTIONS

STEP 1. Use a scrap of plywood, or similar sheet product, to make a template for routing the wine bottle holding rack. Draw a 95mm diameter half circle on the scrap sheet on one edge. Using the jigsaw, cut out the half circle that will become the wine bottle holder.

- STEP 2. Sandpaper the edges of the half circle to ensure a smooth, even finish. (It is important to get the template as even as possible so that the wine bottle rack section is as neat as possible.)
- STEP 3. Clamp the template to the bottom of the 90 x 19 as detailed. Using the router and a straight cutter (with a bearing guide) make the first semi circular cut in one of the 90 x 19 pieces, starting 18mm from the end. Leave a 18mm space, and make another semi-circular cut. Keep doing this cutting until 10 cuts are made along the piece. Using the first completed rack as a template, shape the other 7 pieces. You may want to profile the edges of the rack cuts using either the router or sandpaper.
- STEP 4. Cut the 8 rack pieces to length, ensuring each piece is identical in shape and length. Cut 1 piece of 290 x 19 to the same length as the 8 rack pieces (approx 1150mm) for the base of the unit. Cut the next piece of 290 x 19 38mm longer than the rack pieces to form the top of the unit. Cut the 2 side pieces 800mm long.
- STEP 5. Assemble the sides, top and bottom of the unit using PVA adhesive and 50mm nails. (Note that the top fits over the sides and the bottom inside the sides.)
- STEP 6. Square up the completed unit and fix the 140 x 12 lining using PVA adhesive and 25mm nails.
- STEP 7. Fit the racks (starting with the 2 bottom ones) using PVA adhesive and 50mm nails. They should be 42mm in from the front and back of the unit.
- STEP 8. Fit the next pair of racks 200mm above the base of the unit using adhesive and nails.
- STEP 9. Fit the rest of the racks at even spacing using the adhesive and nails. Sand and finish the completed wine rack with a suitable timber finish.

## HANDY HINT

If you don't have a router available, an easy alternative is to cut "V" shaped grooves into the shelves as illustrated below. This can be done using a hand saw or jigsaw.



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Safety warning: Inhalation of dust generated from processing Stylewood may cause irritation and sensitisation by inhalation (asthma) and by skin contact (dermatitis). Repeated inhalation of wood dust increases the risk of nasal cavity cancer and of lung fibrosis (scarring). Do not breathe dust, wear a respirator if using power tools. Phone 132 321 for a Material Safety Data Sheet.