

RYOBI.



**TOOLS YOU'LL
WANT TO USE**

A CUT ABOVE

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WINE RACK: PROJECT LEVEL SILVER

This stylish wine rack is worthy of storing your best drop. The material used is Tasmanian Oak veneered Medium Density Fibreboard, which has thin natural timber veneer on both faces. Vary the size depending on the size of the thirst of the person you're making it for. Just make sure you can convince the mum to pour you a glass of her finest.

TOOLS YOU'LL NEED



WINE RACK

PROJECT LEVEL SILVER



1. Marking out

Measure from one end of each bottle holder and make a pencil mark at 85, 215, 345 and 475mm positions. These positions represent the centreline, the front holders have a 15mm radius (turps bottle lid) and the back 45mm radius (PVC fitting).



2. Rear Holders

The larger cut-outs of the back bottle holders can be cut with a jigsaw then cleaned up with abrasive paper. **Ryobi's tip:** Make some relief cuts in from the edge just short of the circle line. Slow the speed down and ensure the pendulum setting is off for greater control and finish.



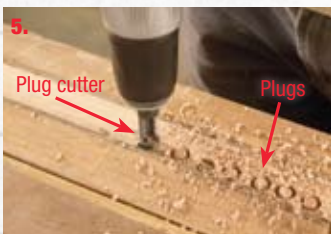
3. Front Holders

The smaller tighter radius of the front holders are very difficult to cut with a jigsaw, best to clamp two holders together (use an offset for the third holder) and drill through both pieces with a 30mm holesaw. This method can also be used with a 90mm holesaw for the back holders.



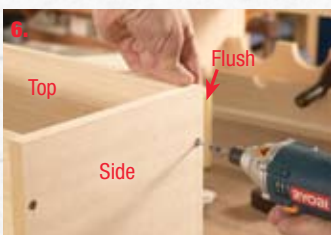
4. Pre-Drilling

On the outside face (best face) of the sides draw an 8mm line parallel to the top and bottom. Along this line measure in 60mm from front and back edges. At these points drill a 10mm hole (use dowelling bit) to a depth of 6mm. **Ryobi's tip:** Masking tape around the drill will act as a depth stop.



5. Plugs

Secure a scrap piece of oak in the vice or, alternatively, clamped to the bench. Drill out some plugs with a 10mm plug cutter fitted to the drill. Some plugs may break out and not go according to plan. This process can also be carried out using a drill press.



6. Assembly

Before screwing the side pieces to the top and bottom, ensure the top is flush with the top and bottom of the side piece before drilling a 3mm pilot hole then attaching with two 50 x 8g screws.

CUTTING LIST

ITEM	MATERIAL	SIZE H X W	NO.	EDGE
Sides	17mm Veneered MDF	250 x 295	6	2 short, 1 long edge
Top & bottom	17mm Veneered MDF	566 x 295	6	1 long edge
Front bottle holders	17mm Veneered MDF	566 x 70	3	1 long edge
Rear bottle holders	17mm Veneered MDF	566 x 100	3	1 long edge
Shadowline	17mm Veneered MDF	580 x 275	2	4 sides

Tool List

Cordless drill driver
Biscuit joiner
Tape measure
3 and 5mm drill bits
10mm plug cutter
10mm diameter dowel drill
30mm holesaw
90mm holesaw
F clamps
Combination square
Random orbit sander
Wood glue
PPE (personal protective equipment)

MATERIAL LIST

MATERIAL	SIZE (MM)	NO.	UNIT COST	TOTAL COST
Tasmanian Oak Veneered MDF	2400 x 1200 x 17	1		
Tasmanian Oak iron-on edgestrip	5 metres	2	10.80	21.60
Legs	40 x 40 x 80	4	3.40	10.20
Particle board screws	50mm x 8 gauge	Pkt50	4.88	4.88
Biscuits	No 20	Pkt50	8.57	8.57

WINE RACK



7. Professional touch

Break out a plug from the scrap block with a small screwdriver. Apply a small amount of wood glue all around the plug. Place the plug into the hole, align the grain of the plug with the grain of the board, drive home with a mallet or dead blow hammer. Repeat for all plugs.



8. Flushing off

Allow the glue sufficient time to set before carefully sawing away any excess of the protruding plug. Care must be taken to ensure the teeth of the saw do not scrape along the veneer board. Cut the plug slightly proud of the surface and flush off with a sander. Take your time!



9. Wine holders

Position the wine holders both front and back, 40mm in from the corresponding edges of the bottom of each cabinet. Drill a 3mm pilot hole through the bottom and into the holder and secure with two 50 x 8g screws.



10. A leg to stand on

The legs are a simple aluminium square shape. Which complement the design of the unit. Attach them with 16mm x 6g screws positioned 16mm in from the edges. Connect the three cabinets by screwing from the underside of one into the bottom of the one above. Ensure the shadowline accent is positioned equally from all edges. Finish as desired.

