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## **WINE BOTTLE RACK**



This wine bottle rack is expandable, so you can build the original three-tier module and add on later as your wine collection grows. Slotted construction enables it to go together quickly and be disassembled just as fast when it must be moved.

1. Make cardboard patterns of the front and back (A) and side pieces (B). Note that the front and back pieces have a  $3/4"$  x  $1-3/8"$  slot cut in each end, and three evenly spaced  $3-1/4"$ -diameter cutouts as shown. The side pieces also have  $3/4"$  x  $1-3/8"$  slots cut in their ends.
2. Transfer the patterns to red wood (or any other wood of your choice), and cut as many pieces as needed for the number of tiers desired. Clamp the side pieces together to assure a uniform fit, and cut the slots on a table saw or radial arm saw. Note that the bottom edges of the bottom tier pieces and the upper edges of the top tier pieces need no slots.
3. Use a saber saw to make the round cuts on the front and back pieces. No round cuts are needed on the bottom edges of the bottom tier pieces.
4. Assemble the rack by fitting the slots together as shown. No glue or nails are required.

## LIST OF MATERIALS

(finished dimensions in inches)

<b>A</b>	Front and back pieces (6)	$3/4 \times 5-1/2 \times 18$
<b>B</b>	Side pieces (4)	$3/4 \times 5-1/2 \times 10-1/2$

