Standing Wine Rack

Materials Needed:

- 1 – 1 x 6 x 80 inch board
- 2 – 2 x 2 x 96 inch board
- 1 – 1 x 10 x 22 inch board
- 1 – 1 x 8 x 20 inch board
- Sand paper
- Wood finish screws
- Clear polyurethane sealer

Tools Needed:

- Skill saw
- Drill with 3 ¼ inch hole saw bit
- Drill bit that is smaller than the wood finish screw diameter
- Measuring tape
- Pencil

3D View Instructions (on the last page of this document)

In the left panel is a Model Tree. Items in the tree can be toggled off and on by checking and unchecking the boxes next to each section.

The 3D model can be rotated by left clicking your mouse and dragging to rotate.

When hovering your mouse over the page with the model on it a top menu will appear offering more options for viewing the model.

Safety

Always apply polyurethane sealer in a well-ventilated area.

Goggles and gloves should always be worn when working with power equipment.

Children should be kept at a safe distance.
Wine Holder Boards

Cut the 1 x 6 x 80 inch board into 4 pieces that are 18 ¾ inches long.

Use the measuring tape and pencil to mark a line down the center of the boards and the centers for four 3 ¼ inch holes. Space the centers of the 3 ¼ inch holes evenly.

Use the 3 ¼ inch hole saw to cut the holes.

Use the skill saw to cut the board in half lengthwise.

Use the sand paper to smooth all edges of each board.

Use the polyurethane sealer to seal each board and allow time to dry.

Cut the Foot, Leg, and Support Boards

Cut the 2 x 2 x 96 inch boards into the following pieces:

- 4 pieces 33 ¾ inches long
- 2 pieces 11 inches long
- 4 pieces 4 inches long

Use the sand paper to sand all the edges of each board.
Use the polyurethane sealer to seal each board and allow time to dry.

**Cut the Wine Glass Holder Pieces**

Cut the 1 x 8 x 20 inch board into the following pieces:

- 5 – 3 x 8 inch pieces
- 5 – 1 x 8 inch pieces

Sand the pieces to smooth.

Use the polyurethane sealer to seal each board and allow time to dry.

**Assemble the Wine Glass Holder Pieces**

Use one 1 inch and one 3 inch piece for each side of a wine glass holder.

For each 1 inch and each 3 inch piece, center the 1 inch piece on top of the 3 inch piece.

Sand and Seal the Top

Sand the 1 x 10 x 22 inch board.

Use the polyurethane sealer to seal each board and allow time to dry.

**Assemble the Wine Rack**

Use finish screws to attach two 2 x 2 x 33 ¾ inch pieces to one 2 x 2 x 11 inch piece creating one side of the wine rack frame. Attach the 4 inch supports evenly spaced as shown on the right.

Repeat the process with the other matching pieces so there are two frames.
Attach the Wine Holder Boards

Use finish screws to attach the wine holder boards on the front of the wine rack evenly spaced with the top edge of the top wine holder board at 25 ¼ inches.

Repeat this process for the back on the wine rack.

Attach the Glass Holders to the Wine Rack Top

Starting 1 ½ inches from the left underside of the 1 x 10 x 22 inch board, attach the glass holder pieces evenly spaced as shown below.

Attach the Wine Rack Top to the Base

Use wood finish screws to attach the top to the base.

Congratulations! Your new free standing wine rack is completed.