

# drop-down drying rack

A great solution for small shops

**L**ots of finishing to do, but limited on space? Try this multilevel drying rack. The removable PVC pipes allow you to create "shelves" for supporting cabinet doors and other workpieces while they dry. To build the rack, cut the front and back from 1/4" plywood. Mark the hole centerpoints where dimensioned on one of the two pieces. Stick the pieces together with double-faced tape with the edges and ends flush. Use a 1 3/4" Forstner bit or circle cutter to bore holes through both pieces of stock at the same time. Back the stock to prevent chip-out.

Next, cut the two sides and three dividers to size from 3/4" stock. Radius the top end of each sidepiece, and bore a 1" hole to house the hanging dowel. Drill all the mounting holes and assemble the unit in the configuration shown, checking for square. A screw in the top radiused end of each sidepiece secures the 1" dowel in place.

To mount the rack to the ceiling, drill the four mounting holes, and thread pairs of bike hooks and screw eyes into the pilot holes, where shown on the drawing. Add utility chain to the screw eyes. Finally, crosscut numerous pieces of 1 5/8" PVC pipe to length.

When not needed, simply remove the PVC pipes from the rack. Then, lift the bottom end of the rack to the ceiling, securing the spring snaps to the utility chain, as shown in the photo above. Store the pipes in a five-gallon bucket.

Project design: Tom Carrell, Metropolis, Ill.

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