

Doll Bed



Parts List-Doll Bed

- 2- 1-1/2 x 1-1/2 x 20 head posts
- 2- 1-1/2 x 1-1/2 x 10 foot posts
- 2- 1-1/2 x 1-1/2 x 21 rails
- 2- 1-1/2 x 1-1/2 x 10 rails
- 1- 1/4 x 10-1/2 x 6-3/4 foot panel
- 1- 1/4 x 10-1/2 x 16-3/4 head panel
- 1- 1/4 x 10 x 21 bed plate
- 8- 1/2 x 1/2 x 4 strips for bed plate
- 2- 3/4 x 2-1/2 x 13-1/2 top pieces



Photo 1
If you need clamps click [here](#).

Make the posts and rails of the bed from 1-1/2" thick stock. If you don't have any that thick, you can make it quickly by gluing together two pieces of 3/4" thick stock, as in photo 1.



Photo 2
The dowel jig shown is the Stanley model, a versatile dowel jig. Another versatile dowel jig is the Dowl-It jig, which you can see by [clicking here](#).

Once your stock is out of clamps, rip it to width and cut to length. You can cut these to length using a miter gauge on the table saw set at a 90o cut. Mark out the pieces for 1/4" dowels, spaced at 1/2" from the edges on the rail ends. Thus the holes will be 1/2" apart. Bore the holes using a dowel jig as in photo 2.

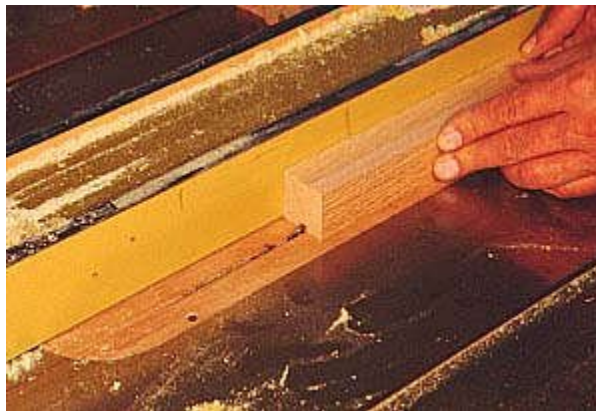


Photo 3
Cut centered grooves in the parts with a regular table saw blade as described below, or use a dado set. To see dado sets, [click here](#). To see table saws and blades, [click here](#).

Before you cut the grooves in the posts and short rails for the panels that go in the head and foot of the bed, obtain what material you will use for these panels and determine its thickness. The easiest thing to use is plywood, and for my bed I used 1/4" hardwood veneer ply. You may not want to buy a whole sheet for just this purpose, so try talking to the folks at a local cabinet shop and see if they have a few scraps they'll give you. The other alternative is to make solid panels from a wide board, or glue up pieces together to achieve the width.

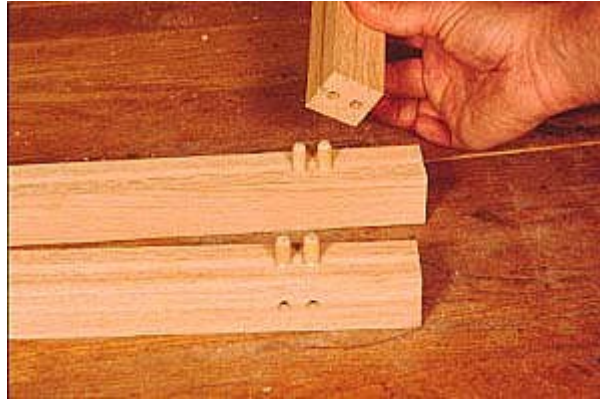


Photo 4

Once you have your panels, measure the thickness and set up on the table saw to cut the panel groove as in photo 3. Use your regular blade on the saw. Run the pieces first with one side against the fence, then flip the part and run it through with the opposite side against the fence. The two cuts combined will yield a centered groove. Set the fence from the blade at a distance that will yield a groove of the correct width

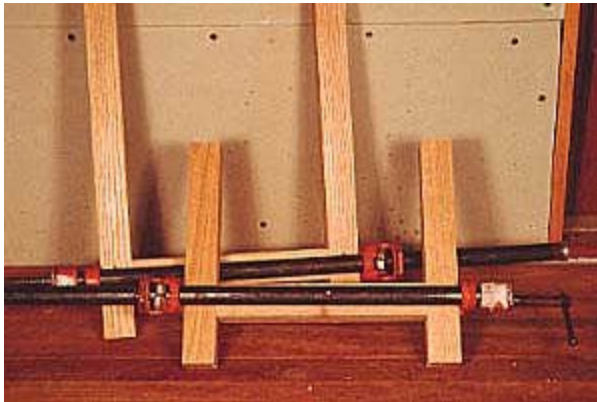


Photo 5

Glue together the short rails with their posts as in photos 4 and 5. Once out of clamps, glue the head and foot assemblies together with the long rails as in photo 6.

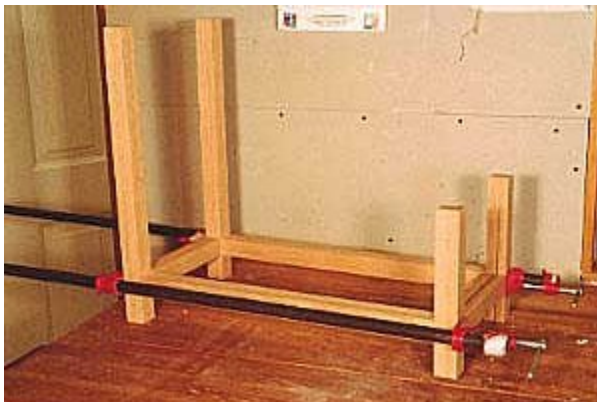


Photo 6

Cut the head and foot panels to size and slide them into place. Make the two top pieces for the posts and place them in position (photo 7). Bore for screws through the top of the top pieces, and countersink the screws with holes the correct size for wood plugs. Screw the pieces in place, and glue plugs into the holes. Once the glue is dry, level the plugs with a chisel or block plane.



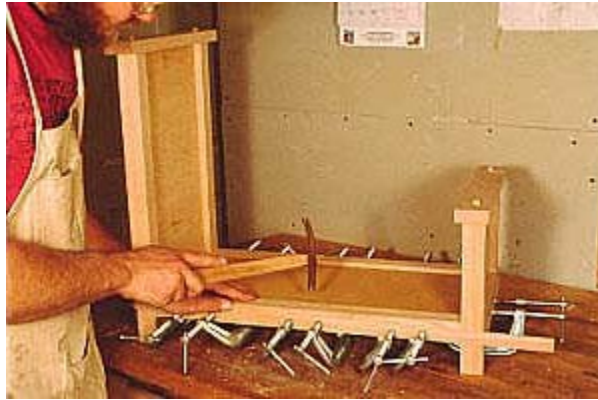
Photo 7

Glue 1/2" x 1/2" strips along the inside of the bed to hold the bottom plate (photo 8). Make this plate, like the panels, out of plywood or solid wood, and locate the strips so that the plate will come just below the top of the rails. Put the plate in place and secure it to the strips with nails (photo 9).



Photo 8

A variety of pre-carved wooden pieces are available from various woodworking catalogues. These are attractive and give some fancy detail to the otherwise square regularity of the bed. Glue these to the panels by securing them with masking tape. Use glue sparingly so that it will not squeeze out under the tape.



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