



# Coffee Table Chest

Free Plans to build a Coffee Table Chest.



## Materials and Tools

### MATERIALS:

- 1-1/4" pocket hole screws
- 2-1/2" pocket hole screws
- Edge banding, optional
- 1 set of hinges
- 1 hasp closure
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

### Lumber:

- 2 - 4' x 4' x 3/4" PureBond plywood project panels (Cedar was used for the example)
- 2 - 2x2 lumber at 8'

### Tools:

- Jigsaw, table saw, miter saw, or hand saw
- Pocket hole jig
- Drill
- Pencil, ruler, square
- Tape measure
- Sander
- Iron for edge banding
- Edge banding trimmer or craft knife

### Cut List:

- 4 - 2x2 at 8" - Base Legs
- 2 - 2x2 at 24" - Base Frame
- 2 - 2x2 at 42" - Base Frame
- 1 - 3/4" PureBond Plywood project panel at 24" x 42" - Bottom
- 2 - 3/4" PureBond Plywood project panel at 9-1/4" x 25-1/2" - Box Frame
- 2 - 3/4" PureBond Plywood project panel at 9-1/4" x 45" - Box Frame
- 1 - 3/4" PureBond Plywood project panel at 27" x 45" - Top



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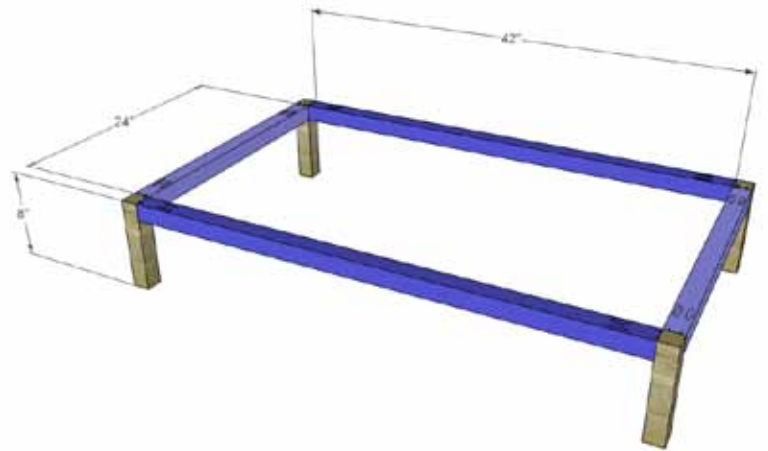


## STEP 1

**Notes:**

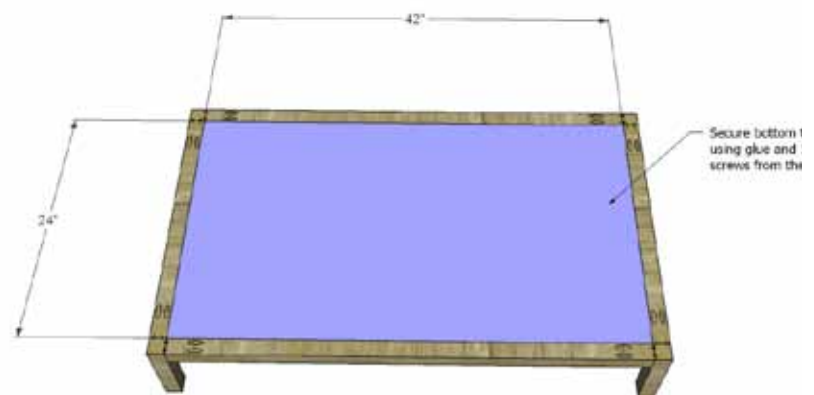
*Edge banding will be applied to the exposed edges of the plywood prior to assembly.*

Cut the pieces for the legs and the base frame. With the pocket hole jig set for 1-1/2" material, drill pocket holes in each end of the frame pieces. Secure the frame pieces to the legs using glue and 2-1/2" pocket hole screws.



## STEP 2

Cut the piece for the bottom. Set the pocket hole jig for 3/4" material and drill pocket holes in all four edges. Secure the bottom to the base frame using glue and 1-1/4" pocket hole screws. The top face of the bottom will be flush with the top face of the base frame.

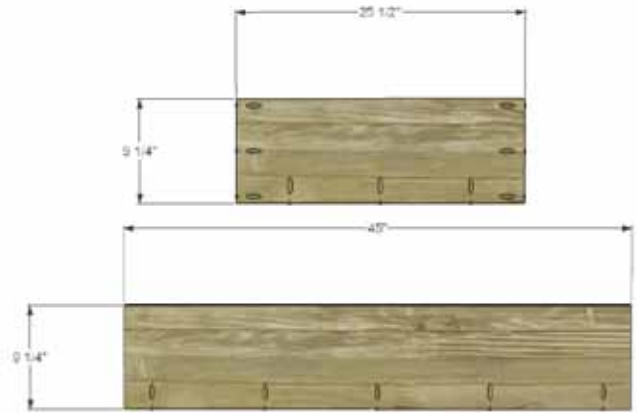




## STEP 3

Cut the pieces for the box frame. Drill pocket holes in one long edge of each piece (to attach it to the base frame) as well as each end of the shorter pieces. Assemble the box using glue and 1-1/4" pocket hole screws.

Position the box on the base frame. The sides of the box will be flush with the sides of the base. Secure the box to the base using glue and 1-1/4" pocket hole screws.

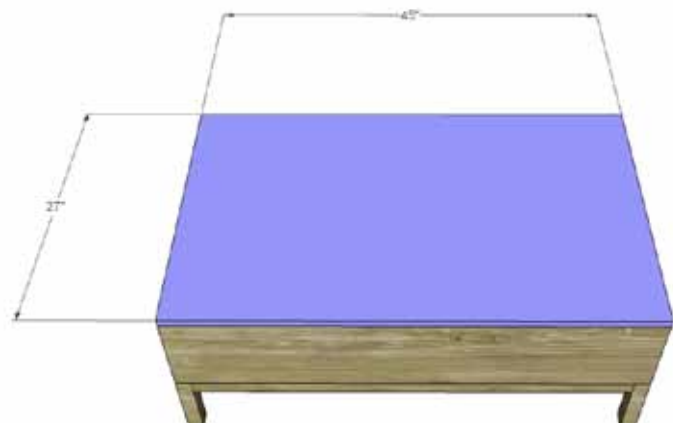
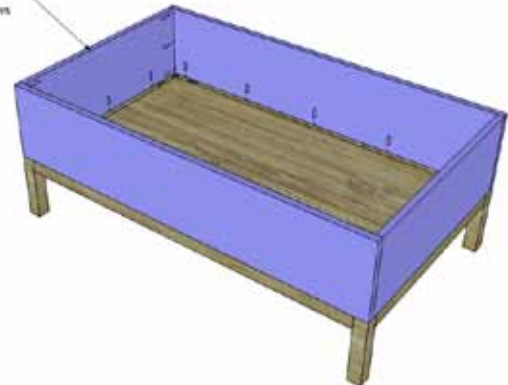


## STEP 4

Cut the pieces for the top. Install the hinges on the top, then position the top on the box frame. Finish installing the hinges. The top will be flush with the box frame on all sides. Install the hasp closure to the front of the top and box frame.

Finish as desired.

Secure box frame to base using glue and 1-1/4" pocket hole screws





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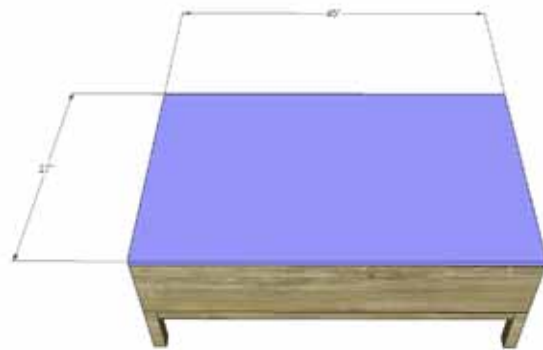
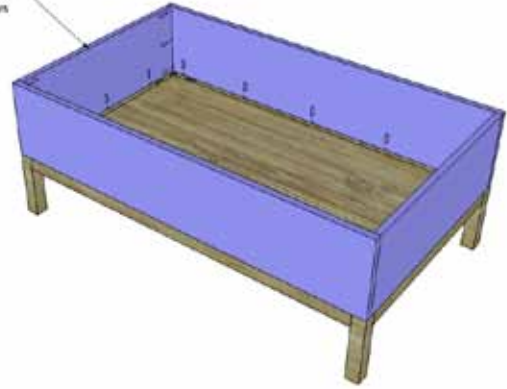


## STEP 5

Cut the pieces for the top. Install the hinges on the top, then position the top on the box frame. Finish installing the hinges. The top will be flush with the box frame on all sides. Install the hasp closure to the front of the top and box frame.

Finish as desired.

Secure box frame to base using glue and 1-1/4" pocket hole screws



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