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# Kitchen Island

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## Supplies

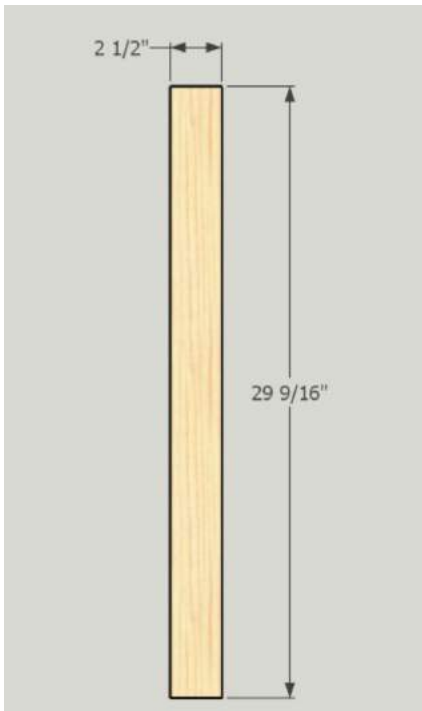
(1) 1x2x8  
(2) 2x3x8  
(2) 5/4x2  
3/4" plywood 4x8  
laminate sheet 4x8  
1-1/4" pocket screws  
1-1/2" pocket screws  
2-1/2" wood screws  
Wood Glue

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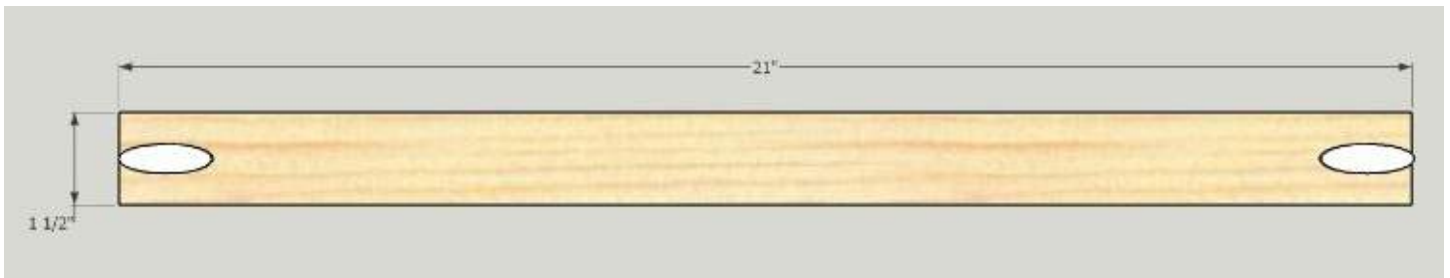
## Tools

Stanley FatMax Tape Measure  
Miter saw  
Cordless Drill  
Kreg Jig  
Circular saw  
Router  
Laminate trim bit  
Countersink Drill Bit

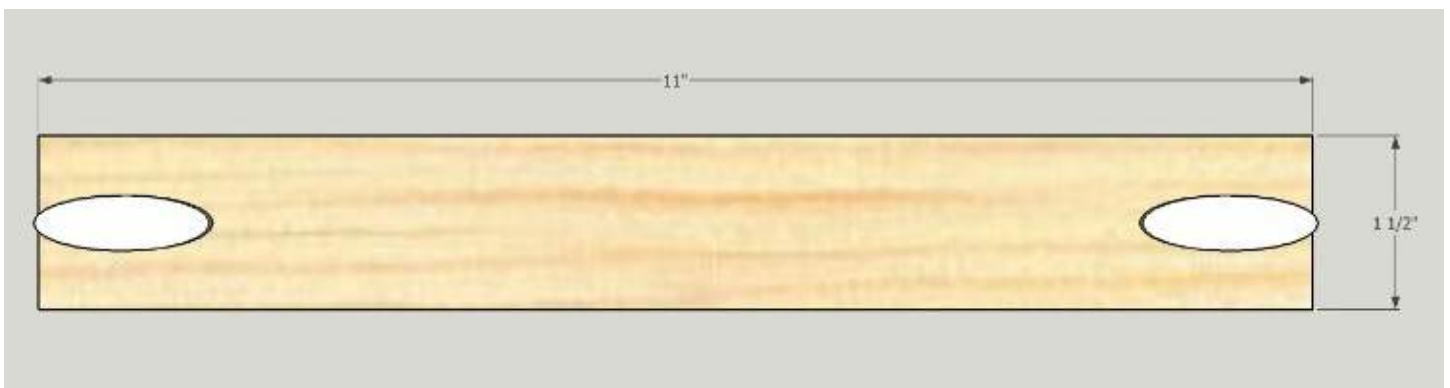
**Step 1.** Cut the Legs. Cut 4 pieces of 2×3 to 29-9/16".



**Step 2.** Cut the Long Rails. Cut 6 pieces of 5/4×2 to 21". Set the Kreg Jig to 1-1/8" and drill a pocket hole in each end of the rail.

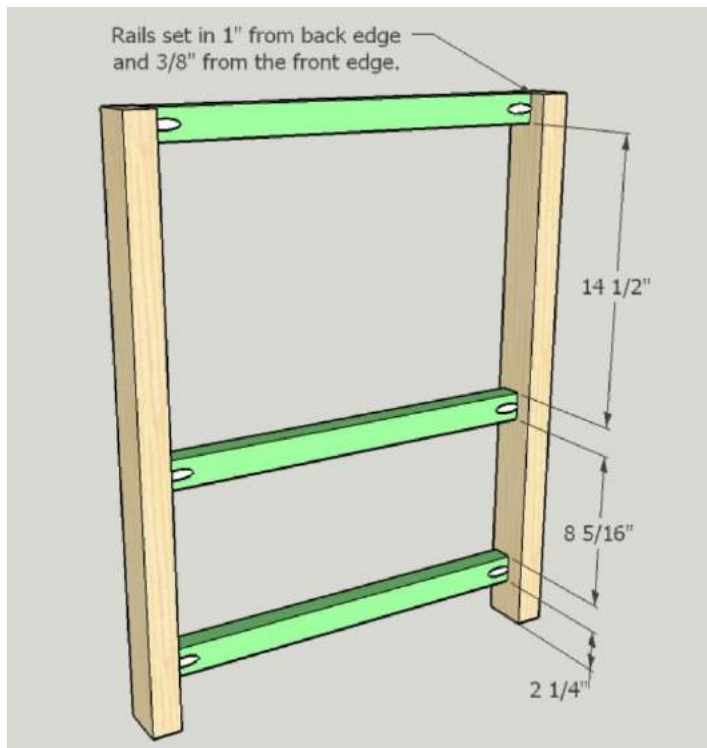


**Step 3.** Cut the Short Rails. Cut 6 pieces of 5/4 to 11". Set the Kreg Jig to 1-1/8" and drill a pocket hole in each end of the rail.

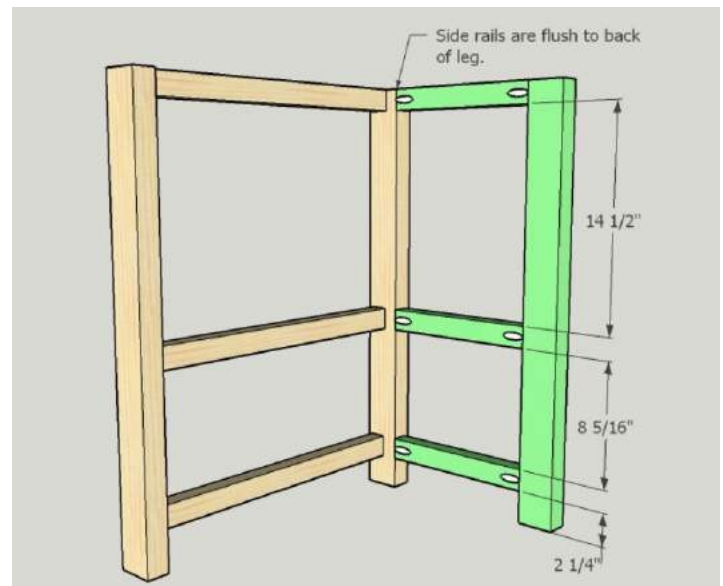


**Step 4.** Assemble the Front. Cut pieces of scrap to 2-1/4" and 8-5/16". The scrap will be used to properly align the rails. The rails set in 3/8" from the front of the leg and 1" from the back of the leg. I would recommend using some scrap pieces of 1/8" MDF (to equal 3/8") placed inside the legs to properly align the rails from the front edge of the leg.

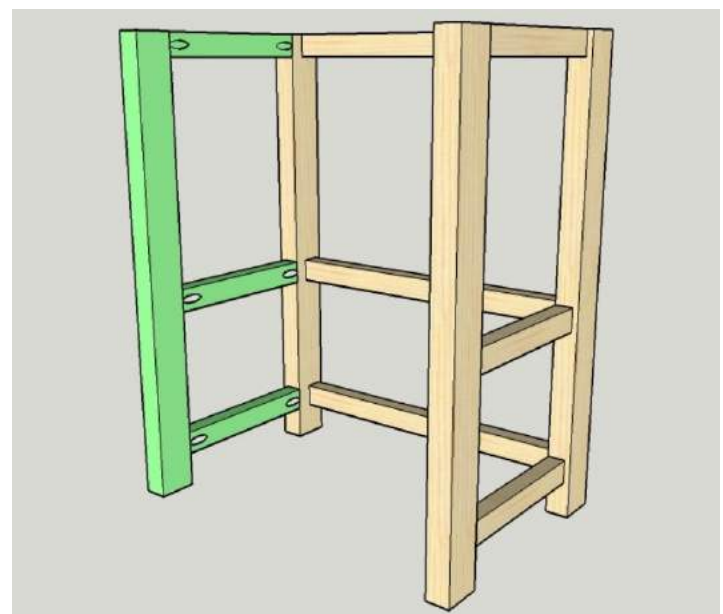
Place 2 legs on your workbench. Place the 2-1/4" pieces of scrap on the bottoms of the legs. Apply glue to the ends of the bottom rail, place on the 3/8" MDF and above the 2-1/4" scrap and clamp in place. Place the 8-5/16" pieces of scrap on the bottoms of the legs. Apply glue to the ends of the middle rail, place on the 3/8" MDF and above the 8-5/16" scrap and clamp in place. Apply glue to the ends of the top rail, place on the 3/8" MDF and flush with the top of the legs and clamp in place. Attach with 1-1/2" pocket screws.



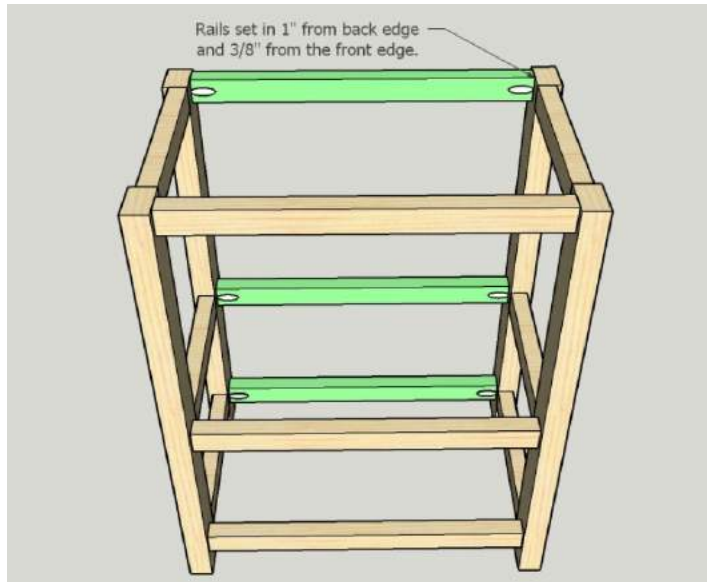
**Step 5.** Assemble the Sides. Place the 2-1/4" pieces of scrap on the bottoms of the legs. Apply glue to the ends of the bottom rail, place above the 2-1/4" scrap, flush with the back of the legs and clamp in place. Apply glue to the ends of the middle rail, place above the 8-5/16" scrap, flush with the back of the legs and clamp in place. Apply glue to the ends of the top rail, place flush with the top of the legs and clamp in place. Attach with 1-1/2" pocket screws.



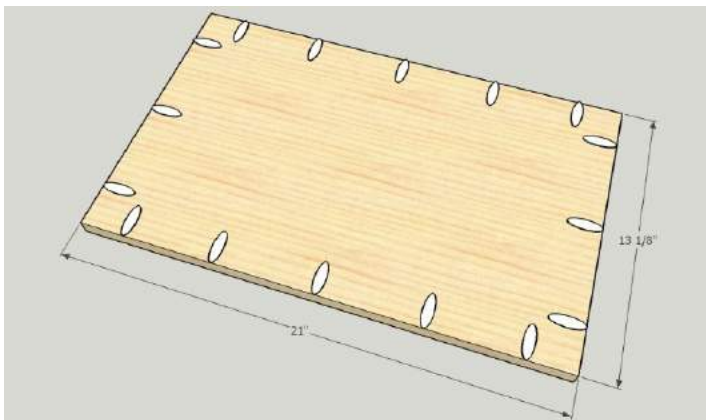
Repeat for the other side.



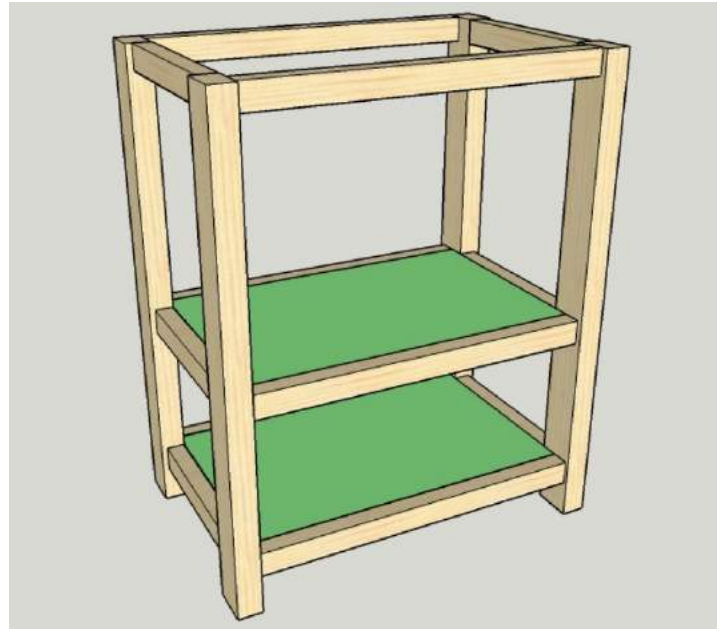
**Step 6.** Attach the Back Rails. Place the 2-1/4" pieces of scrap on the bottoms of the legs. Apply glue to the ends of the bottom rail, place on the 3/8" MDF and above the 2-1/4" scrap and clamp in place. Place the 8-5/16" pieces of scrap on the bottoms of the legs. Apply glue to the ends of the middle rail, place on the 3/8" MDF and above the 8-5/16" scrap and clamp in place. Apply glue to the ends of the top rail, place on the 3/8" MDF and flush with the top of the legs and clamp in place. Attach with 1-1/2" pocket screws.



**Step 7.** Make the Shelves. Cut 2 pieces of 3/4" plywood to 21" x 13-1/8". Set the Kreg Jig to 3/4" and drill pocket holes around the edge of the shelf. Attach the laminate to the top of the shelf and trim with a router and laminate cutting bit.



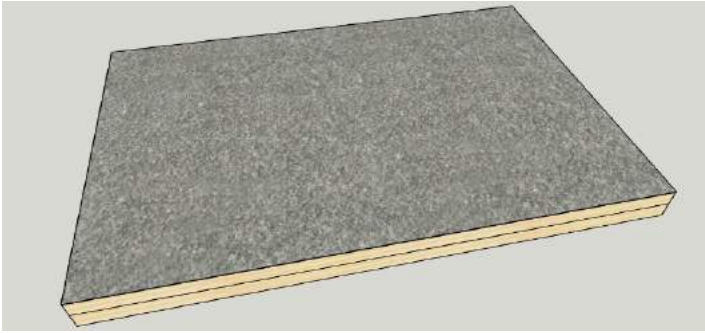
**Step 8.** Install the Shelves. Apply glue to the edge of the shelf, place the shelf flush with the tops of the rails and attach using 1-1/4" pocket screws. Repeat for the remaining shelf.



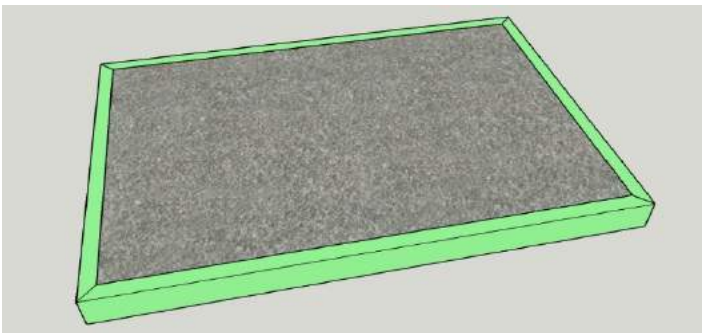
**Step 9.** Make the Top. Cut 2 pieces of 3/4" plywood to 24-1/2" x 16-1/2".



Apply glue to one piece and place the other on top to form a piece 1-1/2" thick. Attach the laminate to the top and trim with a router and laminate cutting bit.



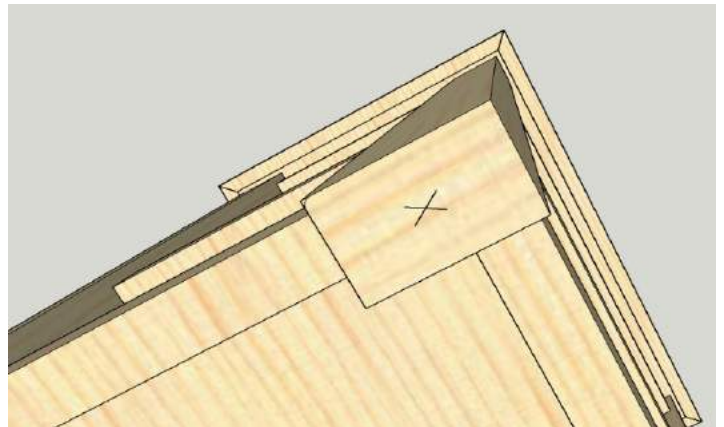
Wrap the top with a 1x2 border. Cut a 45 degree on one end, place against the corner, mark the other end and cut a 45 degree angle. Apply glue and clamp in position. Repeat for the remaining sides. Need help with miters? Check out my miter cuts made easy post.



**Step 10.** Attach the Top. Place the top face down on your workbench, center the island on the top and clamp. Using a countersink drill bit, drill holes in the top rail and attach using 2-1/2" wood screws.



**Step 11.** Attach the Casters. Draw a line from corner to corner on the bottom of each leg. Use a drill bit that matches the stem of your caster, drill a hole in the leg and install the caster.



**Step 12.** Finish the Island. If you're going to paint the piece, fill any holes with Ready Patch. Sand the piece, then prime and paint or stain and apply a durable finish.