

## Build your own pantry kitchen lazy susan.

My sons helped me build this 6 shelf lazy susan pantry cabinet into the closet.

I bought two 4 by 8 foot by 3/4 inch oak panels. We cut each panel into four 2 by 4 foot pieces. We needed six pieces to make the six shelves. We then cut and sanded these pieces to fit inside the pantry closet from our poster board template.

We marked the center of the door from the poster board template onto one of the plywood pieces and used this point as the pivot point for the router to cut out a half circle with a 14.375 inch radius from the plywood. We then used a radius of 13.625 inches to re-routed the half circle again so that it would easily fit into the half circle of the back shelf.

We added a 1.5 by 1/4 inch oak lip around front of the back shelves and the half circle shelves so that food items would not fall off as the lazy susan is rotated.

We fabricated a pivot post out of three 1 by 4 inch by 8 foot oak boards. The three boards were glued together as a 3 by 3 inch post 8 foot long. We drilled 5/8 inch hole in the bottom end 3 inches deep and fit a 4 by 5/8 inch steel rod in it and drilled a 5 inch deep hole for the top and placed a 7 by 5/8 inch steel rod in the top hole. The lazy susan pivots around these rods which are anchored in the floor at the bottom by a thrust bearing which we made and to the inside wall of the pantry closet at the top with a pillow block bearing.

We mounted three 70 inch double track standard rails to the 3 X 3 post on three sides. We set three sets of 11 inch double track brackets on these rails for the half circle shelves to sit on. We cut a notch the size of the 3 X 3 post and rails into each half circle shelf so that they would fit easily around the pivot post.

We then sanded, stained and varnished all the pieces for the lazy susan shelves and then took them inside to the pantry closet for final assembly. We mounted the back shelves in the closet first and then mounted the 3 by 3 inch post in the thrust bearing on the floor and attached it to the wall with a 5/8 inch pillow block bearing. We then mounted the half shelves on the post.

We tested the lazy susan pantry cabinet to make sure it would pivot around the center post and not hit the back shelves. It worked and it is easy to get to all of the stored items on the back shelf and all the items on the lazy susan pantry cabinet as it swings out for easy access. My wife loves it.

## About the Author

Do you have a large kitchen pantry closet that you store food items in but can never find what you want? Then check out [our pantry cabinet.](#) or our lazy susan pantry, on how to [assemble your own pantry.](#)

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