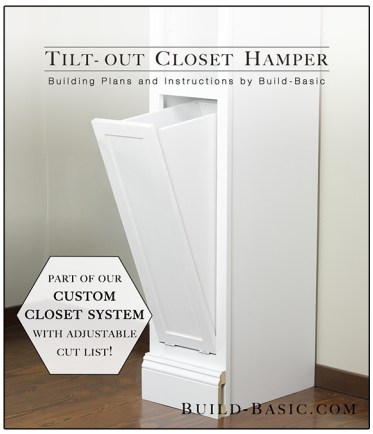
Tilt-out Closet Hamper

Part of The Build Basic Custom Closet Series



Welcome to The Build Basic Custom Closet System! In this Series, I'm showing how to make a handful of simple DIY components that come together to create a functional, beautiful custom closet space. Even better is that ALL of the cut lists are adjustable so you can quickly and easily pick and choose the type of storage you need, and size it to fit your space! In this tutorial, I'm showing how to add a tilt-out hamper to the "Cubby" built in Part One. These Cubbies can also house add-ons like adjustable shelving and hanging rods, and pull out shoe shelves. In addition, this series includes free plans for an easy hideaway ironing station and built-in closet drawers that don't require a table saw or router! Click around to see which organization options you'd add to your dream closet!

This post is sponsored by PureBond Plywood, the makers of the beautiful formaldehyde-free plywood I'm using to build this project. To learn more about their great products and how this series came about, click HERE.

Overview

Time: 4 hours

Difficulty: Easy. Cutting and assembling the hamper parts is easy, but keeping cuts square is important.

Tools

- Speed Square
- Framing Square
- Miter Saw
- Circular Saw
- Drill/Driver
- Handsaw
- Bolt Cutters
- Pocket Hole Jig
- Random Orbital Sander
- Right Angle Pocket Hole Clamp

Materials

- ¾-inch PureBond Plywood
- ½-inch PureBond Plywood

(Note: The Home Depot offers smaller "Project Panels" online that can be shipped directly to your home!

- 1 x 2 Boards to make the Door Frame
- (2) Butt Hinges
- 1¼-inch Coarse Thread Pocket Hole Screws
- 1-inch Coarse Thread Pocket Hole Screws
- 3/16-inch Metal Round Bar
- (4) ¼ Nylon Spacers
- Glue rated for use with metal and plastic
- Metal Chain
- (2) 5/8-inch Wood Screws
- Wood Filler

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Part	Material	Build Basic Size	Adjust It	My Measurement
Side Walls	¾-inch Plywood	2 @ 28½"-25½"H" x 16"D	Angle the top edge from a height of 1 inch less than the height of the Cubby Opening to 4 inches less than the height of the Cubby Opening x Interior depth of the Cubby	
Front Wall	¾-inch Plywood	1 @ 28½"H x 6½"W	2½ inches less than the Width of the Cubby's Opening (between the Face Frame Stiles) x The Height of the Side Walls' Front Edge	
Back Wall	¾-inch Plywood	1 @ 25½"H x 6½"W	2½ inches less than the Width of the Cubby's Opening (between the Face Frame Stiles) x 4 inches less than the Height of the Side Walls' Back Edge	
Bottom	¾-inch Plywood	1 @ 14½"D x 6½"W	2½ inches less than the Width of the Cubby's Opening (between the Face Frame Stiles) x 1½ inches less than the Depth of Side Walls	
Door Frame Stiles	1x2 Board	2 @ 29¼ inches	¼-inch less than the Height of the Cubby's Opening (between the Face Frame Rails)	
Door Frame Rails	1x2 Board	2 @ 5 7/8 inches	3 1/8 inches less than the Width of the Cubby's Opening (between the Face Frame Stiles)	
Door Panel	½-inch Plywood	1 @ 26¼"H x 5 7/8"W	Interior Height and Width of the assembled Door Frame	
Metal Rod	3/16 Metal Rod	1 @ 8½ inches	½-inch longer than the Width of the assembled Hamper Box	

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Step One
Mark the Side Walls

To allow the Hamper to tilt open, the top edge of the Side Walls must be angled. To create this angled cut, mark the overall height of the Hamper Side Wall along the front edge of a 16-inch-wide piece of plywood. Now lower the height of the Wall by 4 inches along the back edge of the plywood. Draw a line between the marks, as shown.

Step Two
Cut the Pieces

Using a circular saw, cut the line marked in Step One on each Side Wall. Cut the additional Hamper Walls and Bottom pieces to size. To create a perfectly straight line, use my easy DIY Cutting Fence.

Step Three
Mark the Rod Slots

To create slots for the metal rods that will hold the hamper bag, make ¼-inch-wide-by-¼-inch-deep slots that run parallel to the side edges of the Walls.

Step Four
Drill Pilot Holes

Drill a pilot hole at the base of each slot. Place a scrap piece of wood below the slot before drilling to prevent splitting and blowout on the opposite side of the plywood.