

HART™



Closet/Office

PROJECT PLAN

Finished Dimensions: Varies based on Desired Size

Skill Level: Easy

Materials

Item	Qty
Plywood 2x4x8	1
2x8x8	3
1x2x8	6
1x3x8	1
Self stick cork board panels	
Nails	
Screws	
Wood filler	
Paint	

* Board dimensions are “nominal.” Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Tools Used



Circular Saw



Power Drill



Measuring Tape



Brad Nailer



Orbital Sander



Miter Saw



Level 4' and 2'



Pencil



Stud Finder



Countersink Bits



Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Assembly Instructions

Step 1

Measure dimensions of existing closet, the amount and size of the pieces may change, but as a reference the closet Steve did was 72” wide -so the instructions will be for that size.

Step 2

Cut 4 pieces using 1x2x8 into 72" with Hart Miter saw or Circular saw

Step 3

Cut 6 pieces using 1x2x8 into 15 $\frac{3}{4}$ " long pieces with Hart Miter saw or Circular saw

Step 4

Cut 6 pieces using the 1x2 into 6" pieces

Step 5

On 2 pieces of 1x2x72 measure and mark every 16"

Step 6

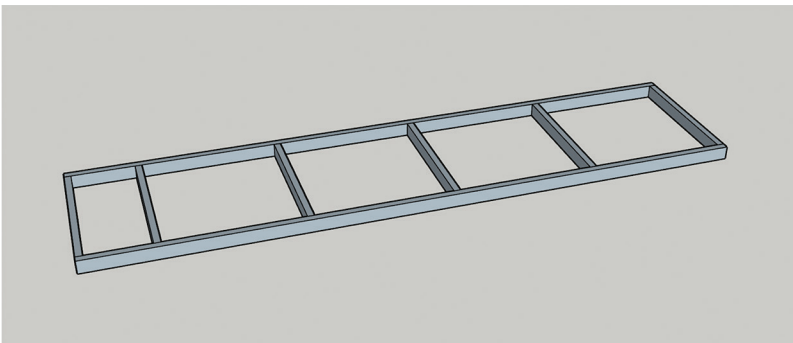
Take the 6 pieces of 1x2x15 $\frac{3}{4}$ " and place them centered on the marks between the 2 -72" pieces of 1x2x72"

Step 7

Using the hart countersink bit, drill through both pieces

Step 8

Attach together with screws making a frame for the desk - this is for the frame of the office desk and when complete it will look like something like this:



Step 9

Measure up from the floor in the back of the closet at 29 $\frac{1}{4}$ "

Step 10

Use a 4' level to mark a level line across the back of the closet wall.

Step 11

Use a Hart stud finder to locate the studs on the back and side walls.

Step 12

Take frame that was built and place into closet area with the top of the frame at the line that was marked.

Step 13

Recheck with level.

Step 14

Drill pilot holes through the ferame where the studs in the walls are.

Step 15

Fasten the frame to the wall with screws and a hart drill or impact driver

Step 16

Measure and cut the plywood at 72"x 17 ¼" with a Hart circular saw

Step 17

Place plywood on top of frame that was attached to the walls

Step 18

Measure and mark locations of frame below on the top surface of the plywood

Step 19

Using a Hart nail gun, nail through the plywood at the marked locations into the frame below. (using a wood glue and nails to attach the frame to the plywood would be best.

Step 20

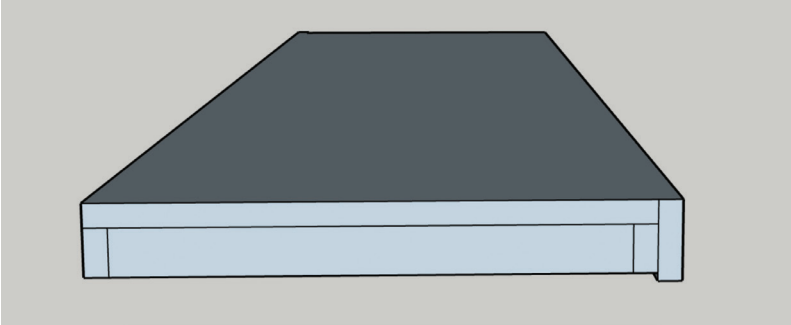
Measure and cut the 1x3x8 at 72". This will be the front face of the desk, so you don't see the edge of the plywood and frame below

Step 21

Attach to the front of the plywood and frame with with the tops aligned, with Hart nail gun

Step 22

Measure up from the desk top to whatever desired height of first shelf

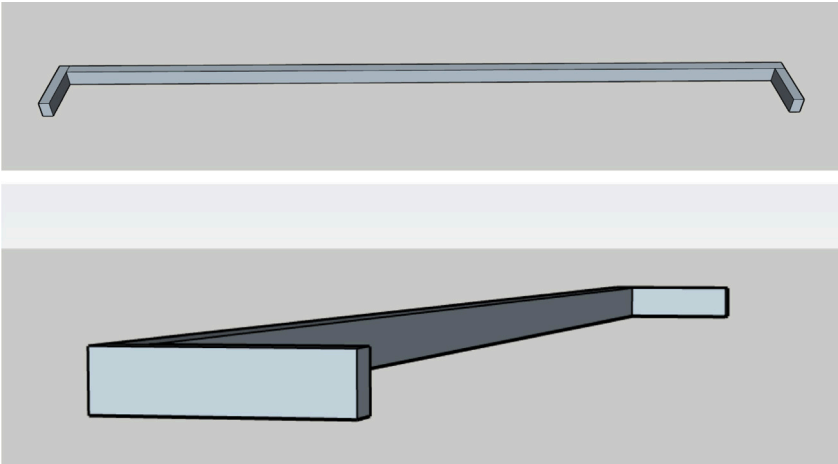


Step 23

Use a level to mark a level line

Step 24

Shelf cleats_Attach 1x2 to wall with screws into studs. -this section might be nice to attach the 72\" 1x2 to the 6\" 1x2 on each end first. That way everything is attached before install and it will be stronger



Step 25

Repeat previous step for each additional shelf desired at desired location

Step 26

Cut 2x8x8 with mitersaw or circular saw at 72"

Step 27

Place cut 2x8x72 on top of shelf cleat on attached to the wall.

Step 28

Predrill and screw through shelf into support cleat below. Hart Brad Nailer could be used if long enough

Step 29

Sand where needed

Step 30

Add self stick cork panels on the wall between the desk and shelf

Step 31

Cut to size where needed with a Hart utility blade and straight edge or level

Step 32

Paint everything desired color
