

## GET ORGANIZED FOR THE END OF THE YEAR WITH A DIY WOODEN STORAGE BOX!

This simple project is the perfect way to store tools and other items this winter. Featuring convenient, easy-to-transport wheels, this box moves anywhere so you can quickly put things in and take them out when you need them.

## STEPS

### CONSTRUCTING THE BOX (FIG. A)

1. If your hardware store is unable to cut your plywood into 18" strips for you, you will need to use sawhorses or a large ledge to lay your plywood across. Measure 18" across and clamp a 2x4x8 across as a cutting guide; cut a straight line all the way across using your Worx circular saw. Repeat.
2. Lay out one of your 2 long pieces of plywood measuring 18" x 96". You will be able to create one storage box per 18" x 96" sheet.
3. Measure and mark a straight line across at 18". Place your plywood so that it hangs across the Pegasus folding work table and clamp down or use a helper to hold steady.
4. Using the Versacut compact saw or a Worx circular saw, cut straight across the line marked at 18". (To make a precise and straight cut, line up your saw blade with the cut line and clamp down a straight 2x4 at the edge of the circular saw and use it as a guide)
5. Repeat this step two more times for a total of 3 pieces measuring 18" x 18" (these will be the front, back and bottom of your storage box)
6. Next, measure and cut 2 pieces at 16.5" each (these will be the sides and each and measure 18" x 16.5")
7. Place one 18" x 18" down for the bottom and for a flat working platform. Set all 4 pieces in a square on top, placing the two 16.5" pieces on the sides, in between the front and back pieces.
8. It may be easiest to clamp these pieces in place while you screw them together. For

additional strength, add a line of wood glue to the edge you will be screwing into, then clamp into place and place a screw into the bottom, middle and top. *(note: if you are not using spax or similar screws, pre-drill a pilot hole for your screws to avoid splitting the wood)*

9. Repeat step 8 for all four corners.
10. Flip the box over, apply glue and place the bottom square over the opening and secure in place with 3 screws per side.
11. While the box is upside down, place a caster wheel in each corner and attach them with  $\frac{3}{4}$ " screws.

### ADDING THE HANDLE (FIG. B)

12. To add a little flare and function to these mobile storage boxes, take a piece of scrap wood (4" pallet wood adds a nice contrast) and cut it to appx. 11 inches using your Versacut compact saw.
13. Next you will attach the 4" x 11" wood to the desired location on your box, while simultaneously attaching the floor flange. Using the 4 screw holes that are in the floor flange, attach the flange to the scrap wood and the scrap wood to the storage box, using  $1\frac{1}{4}$ " screws.
14. Screw in and hand tighten the steel pipe connector and then do the same with the iron tee.
15. Flip the storage box over onto its wheels, fill it with all those tools, scrap pieces of wood or whatever else you have lying around your garage.

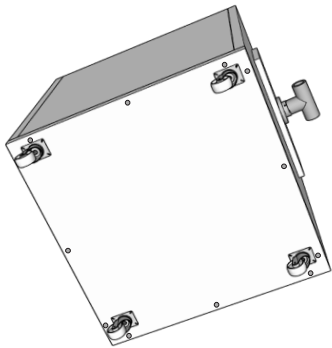
## RECOMMENDED MATERIALS

- 4' x 8' x .75" sheet of plywood (have your hardware store cut 2x across the length of your plywood at 18", first two cuts are usually free)
- 1" x 4" piece of pallet or scrap wood
- 4 caster wheels of your choice and  $\frac{3}{4}$ " wood screws to attach to bottom 1.5" screws
- Piping for pull handle:  $\frac{1}{2}$ " floor flange,  $\frac{1}{2}$ " steel pipe connector,  $\frac{1}{2}$ " iron tee
- 1 box of  $1\frac{1}{4}$ " wood screws that do not require pre-drilling

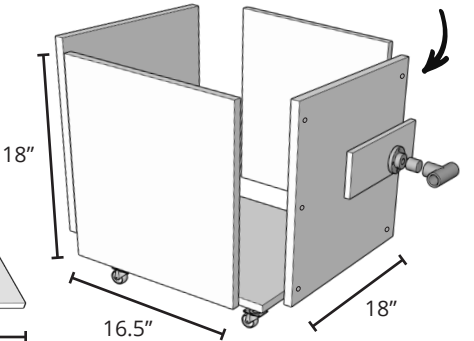
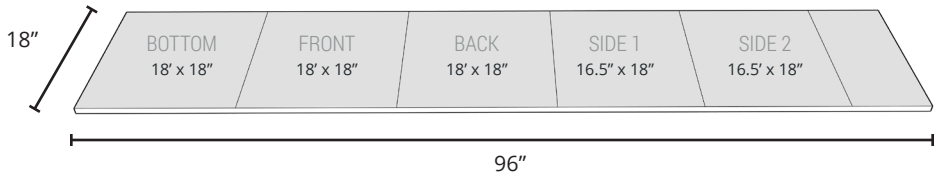
## TOOLS

- Pegasus Folding Work Table & Sawhorse (WX051)
- Switchdriver (WX176L)
- 20V Power Share 7.25" Sliding Compound Miter Saw (WX845L)
- Versacut Compact Circular Saw (WX420L)
- Safety Glasses
- Tape Measure
- Marking Pencil

(FIG.A)



Wood  
Screws



(FIG.B)

