

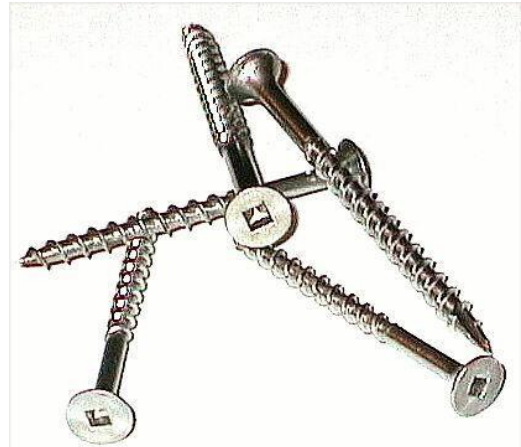
SAND BAG STATION KIT

STEP ONE:

First you need to make sure you have all the required parts.

Parts needed:

- One 6" x 10' thin walled sewer pipe
- Two 8 foot 2x4s
- 1 5/8 construction screws (for attaching tubes)
- 3" construction screws or nails (for frame assembly)
- 2' 5" x 1'5" 1/4" or thicker plywood (optional but recommended)



Tools Needed:

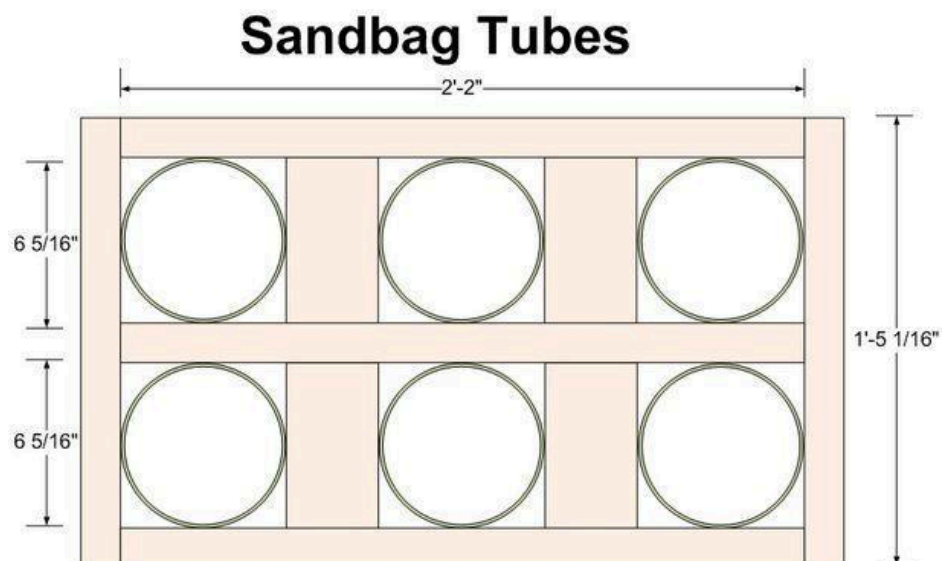
- Saw to cut the tubing and 2x4
- Drill bit to pre-drill the holes for screws (right angle drill is easier)
- Powered screwdriver
- handheld jigsaw or router for cutting plywood (for optional top)

STEP TWO:

First, get out the saw-

- Cut the sewer pipe into 6 sections (each 19-7/8" long)
- Cut the lumber into the following sections
 - (3) 2' 2"
 - (2) 1' 5-1/16"
 - (4) 6- 5/16"

Now, assemble the wood as shown in the diagram below, using the 3" screws (or nails) to hold the boards together.



Once you have your frame, you can see how you will slide the tubes into each hole. You will need to put the 1-5/8 screws through the tube and into the sides where it touches the boards on all four sides. There should be two screws at each spot. First, take your drill and pre-drill the 8 holes on each tube; one at 1" from the top and one at 2.5" from the top every 90 degrees. Now put the tube in the frame and put screws in each hole. The easiest way is with a right angle drill.

When all 6 tubes are screwed on, the tubes are usable. At this point, you can put on the optional top. The advantage of putting on the top is that it will prevent sand from falling down next to the tubes and pushing the bags down. If you are going to put the top on, cut the top to fit over the frame. Screw the top onto the frame boards. Now drill a hole and then using either a router or a hand jigsaw, cut the holes out for each tube.



CONSIDER PUTTING HANDLES ON THE SIDES FOR EASIER HANDLING.



To use the tubes, you just need to flip it over and slide a bag on each tube. Roll it back upright and start shoveling to fill the bags. By design it will fill each bag to about 35lbs. Once you have filled all 6 tubes, pick it straight up and the sand will slide out of the tubes into the bags. Then you will have 6 perfectly filled sandbags.