



Printer Stand

Assembly Instructions

Design By:
Howard H. Miller
President / Chief Engineer

Master Machine Solutions, Inc. is a family-owned engineering company that specializes in the design of custom industrial machinery. Serving the Fox Valley and the world since 1998, mechanical and electrical engineers are on staff to serve all of your machinery design needs. Whether you want engineering services only or delivery of a complete machine, a single part or complex assembly, control programming or panel layout, Master Machine Solutions, Inc. is your complete engineering resource.








Cad Model

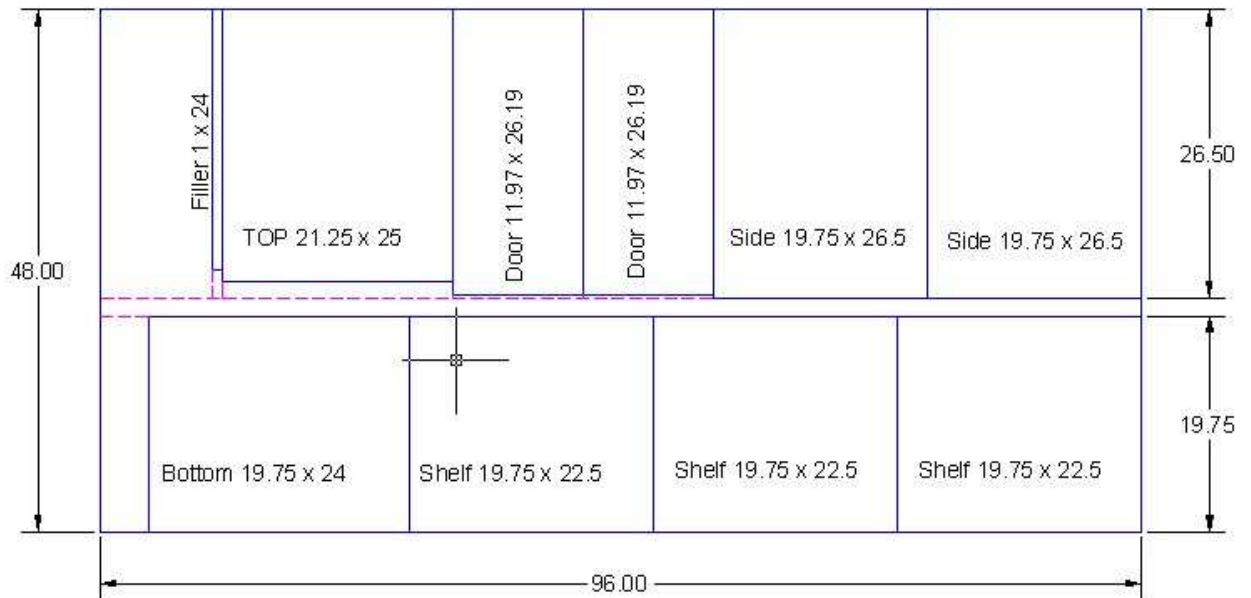


Photo

Material List:

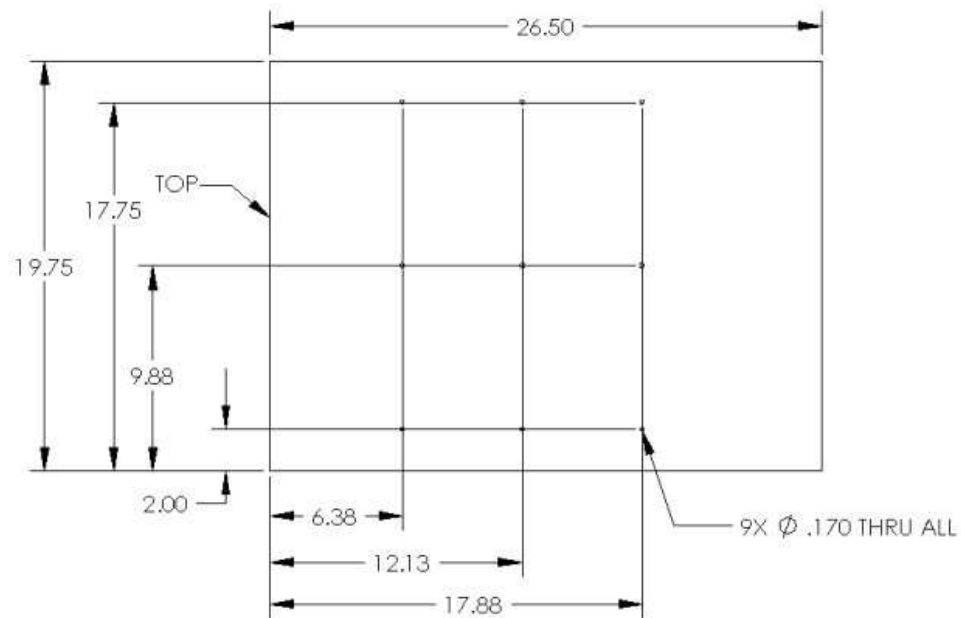
Qty	Description
	4 Narrow Butt Hinge (add fasteners if not included)
	4 Caster (add fasteners if not included) Recommend two swivel and two straight
	2 Handle (add fasteners if not included)
	4 Angle Bracket (add fasteners if not included)
	2 Magnetic Latch (add fasteners if not included)
26	# 8 Flat Head Wood Screw
26	# 8 Wood Screw Washer
2 doz.	Finish Nail about 3/4" - 1" long
1	Particle Board 3/4" x 4' x 8'
1	Hardboard Panel 1/8" x 24" x 27-1/4"

I. Cutting Diagram for Particle Board

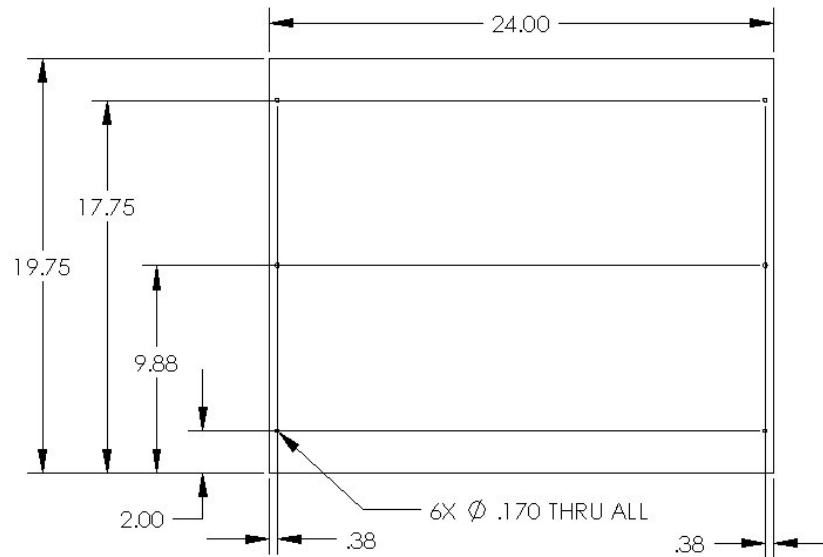


II. Drilling Details

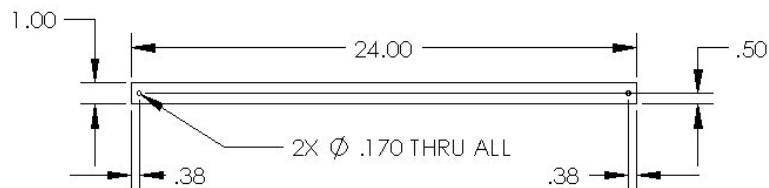
Drill both Sides



Drill Bottom

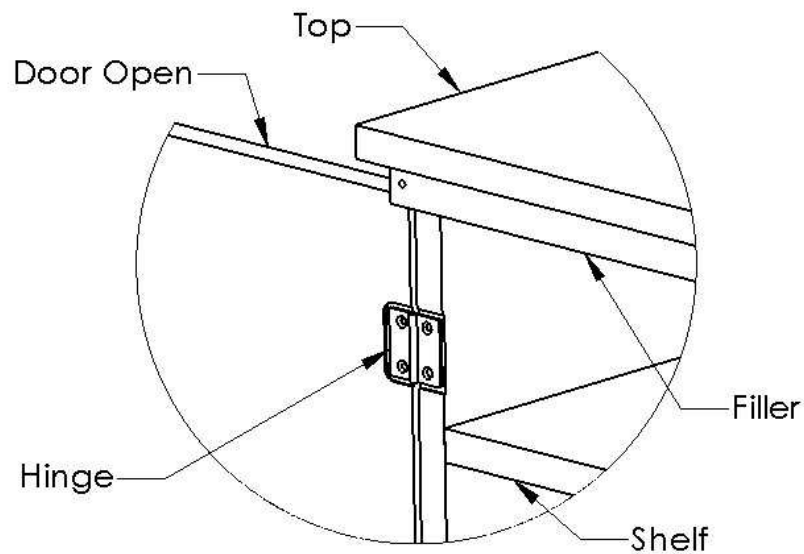


Drill Filler



III. Mortise Hinges (optional not shown in photo)

If you do not like the way the hinges looks mounted on the outside you can mortise them. Size the cutout to fit the hinge, creating two mortises on each side and two matching cutouts on each door.

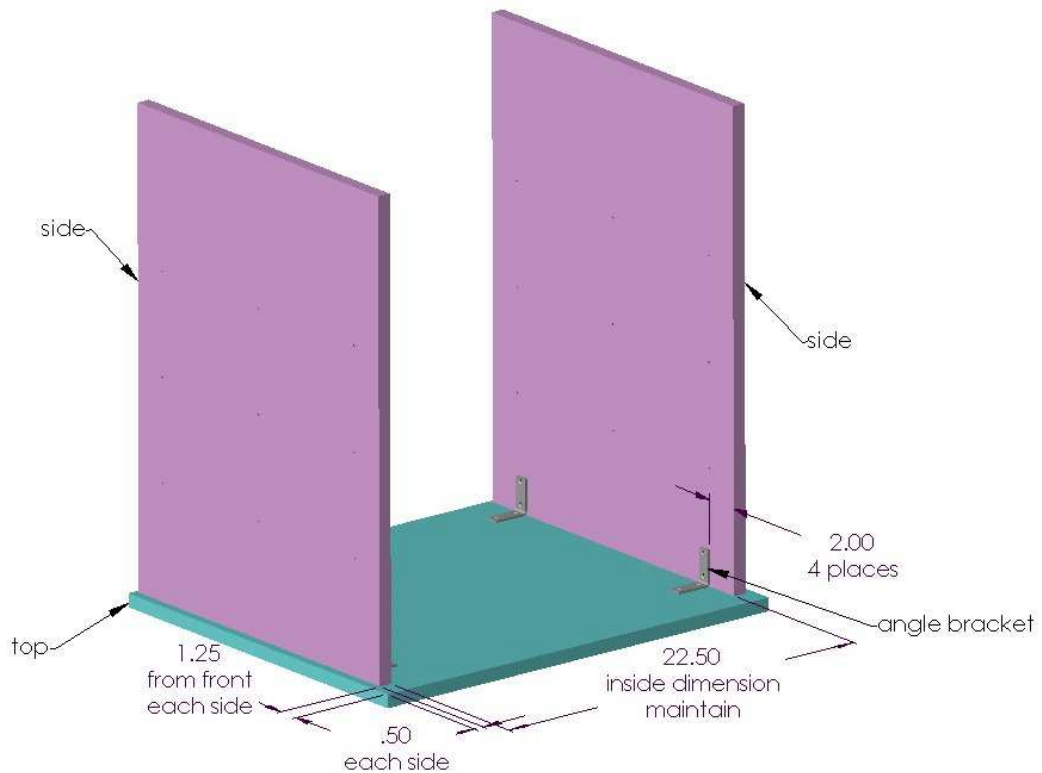


IV. Paint

Prime and paint all wood parts the color of your choice. Painting before the stand is assembled will be easier, since the spaces between the shelves are narrow.

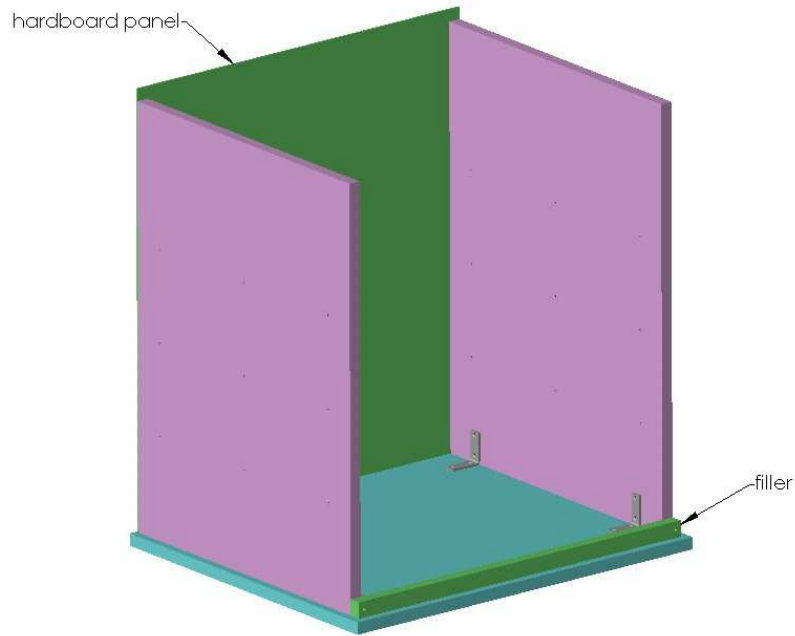
V. Attach Sides

It is easiest to assemble the printer stand upside down.



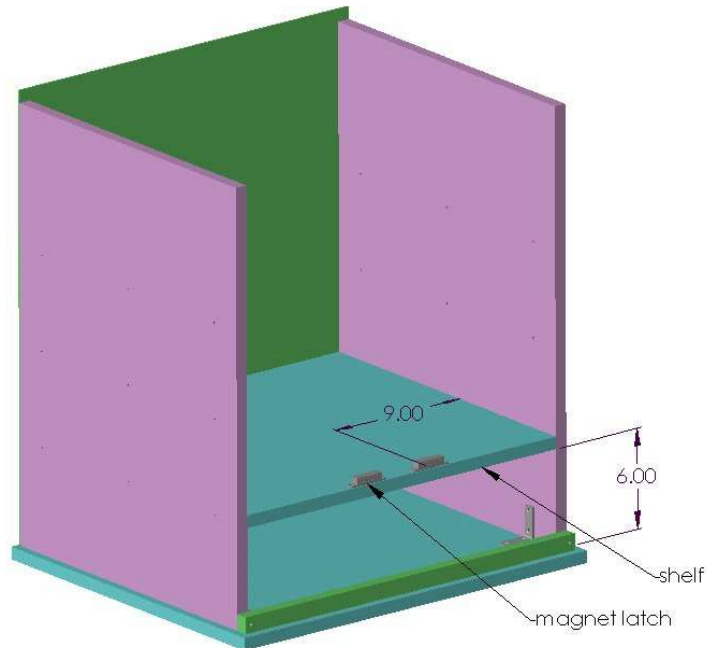
Attach the sides to the top with the angle brackets as shown.

VI. Attach Back and Filler



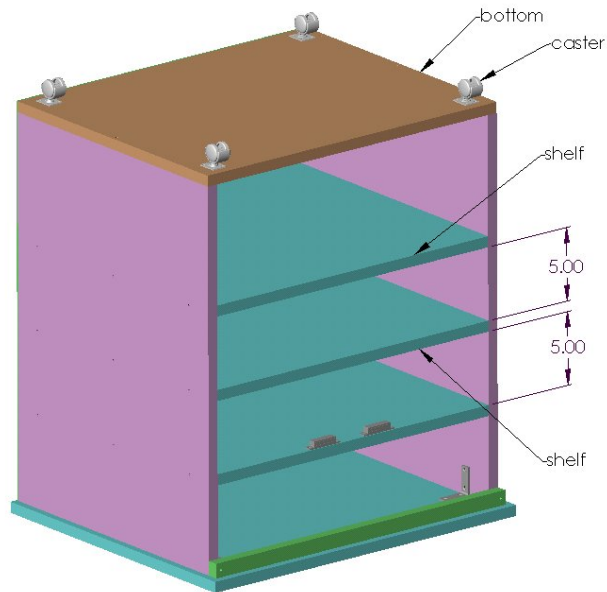
Attach the hardboard panel to the backside of the stand using the finish nails. This will help keep the stand square. Install the filler to the front of the sides using the flat head screws and washers.

VII. Assemble First Shelf



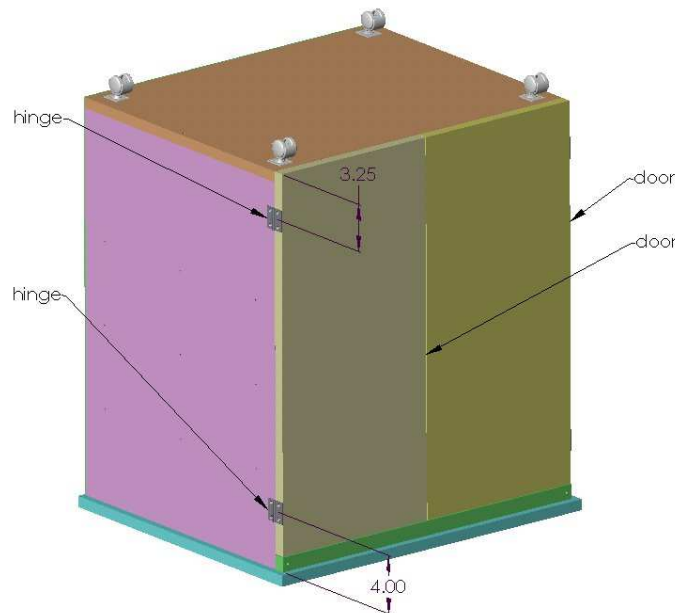
Attach the first shelf as shown using the flat head screws and washers through the holes drilled in the sides. Next, install the magnetic latches using the screws provided with the latch.

VIII. Install Shelves and Bottom



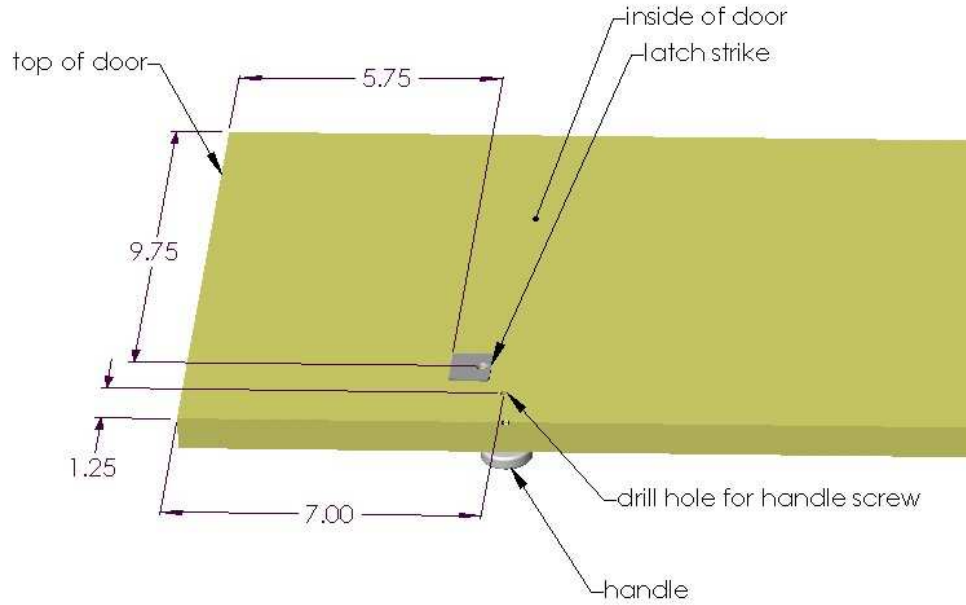
Install the remaining two shelves and the bottom using the flat head screws and washers through the pre-drilled holes. Nail the hardboard panel (on the back) into the shelves and bottom using the finish nails. Position the casters near the corners. The exact location will depend on the size of the casters that were purchased; however, position them uniformly. Fasten the casters to the bottom using the screws provided. The stand will roll more easily if the swivel casters are in the back and the straight casters are in the front.

IX. Install Doors



Install the doors and hinges as shown, (or, if mortised, as shown in step III), using the screws provided with the hinges.

X. Install Handle and Latch Strike



Drill a hole of the appropriate size for the screw provided with the handle and install the handle as shown. Mount the latch strike plate as shown with the screw provide with the latch assembly. Repeat this step for both doors.

XI. Touchup Paint

Touchup paint as required. Make it look good.

