

A Simple Mold Rack for Your Pressure Pot

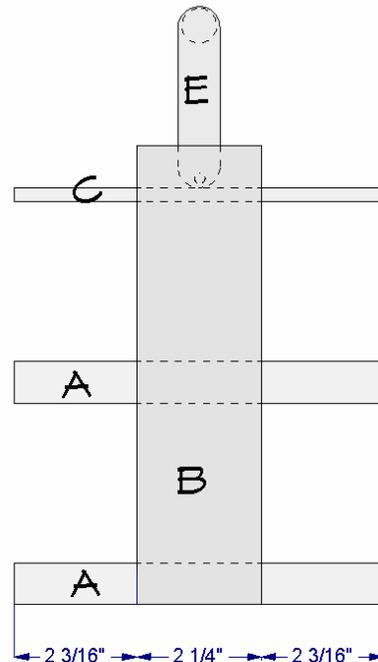
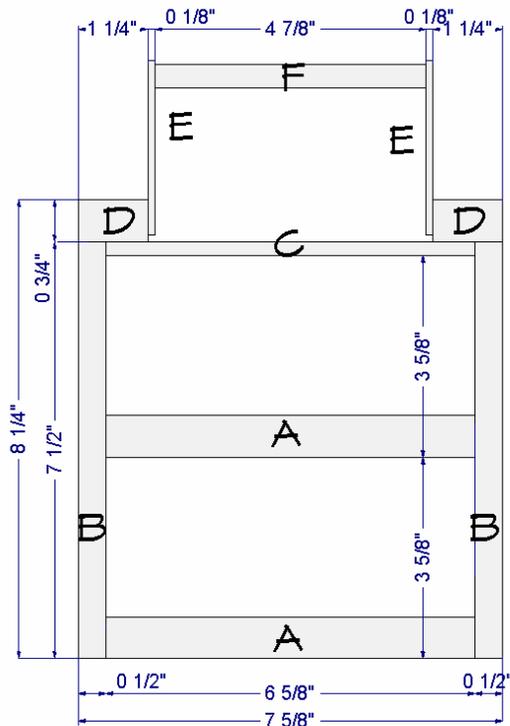


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If you have discovered the fascinating hobby of casting your own pen blanks with the Harbor Freight Pressure Pot, you will surely like this plan for a rack to make inserting and removing the molds easier.

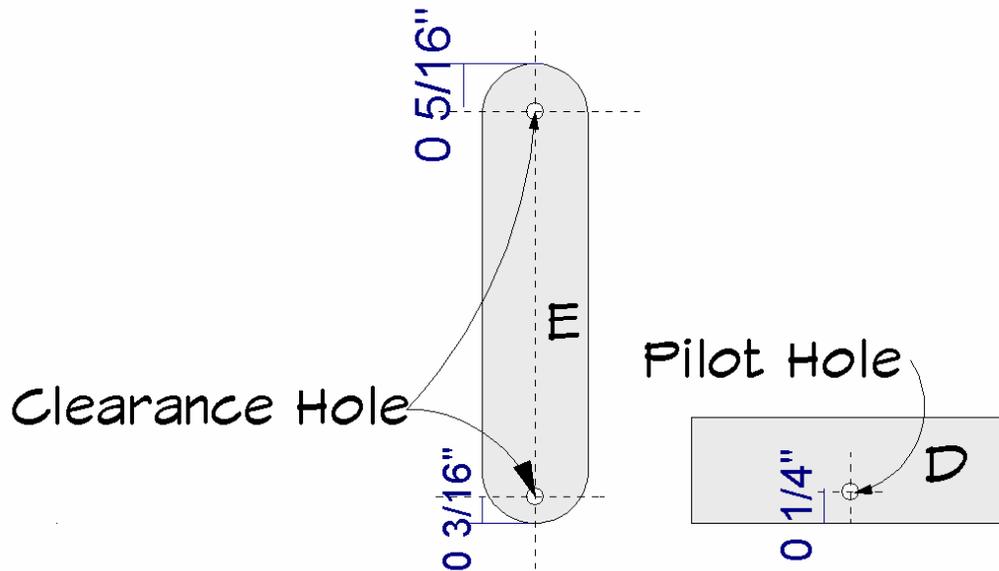
Parts List:

- A Shelf (2) 6 5/8" x 6 5/8" pieces of 3/4" melamine or plywood
- B Uprights (2) 1/2" x 2 1/4" x 7 1/2" pieces of hardwood
- C Air deflector (1) 6 5/8" x 6 5/8" piece of 1/4" plywood
- D Handle base (2) 3/4" x 1 1/4" x 2 1/4" pieces of hardwood
- E Handle legs (2) 1/8" x 3/4" x 3 1/4" pieces of hardwood or plywood
- F Turned handle (1) 5/8" diameter x 4 7/8" piece of hardwood
- G Your choice of screws to fasten handle and handle legs



Main Rack Directions:

1. Cut shelf (A) and air deflector (B) no larger than show in the parts list. Anything larger may not fit in your pot
2. Cut uprights (B) as shown
3. Glue uprights (B) in the center front to back and flush to the bottom of bottom shelf (A)
4. Glue second shelf (A) to upright (B) 3 5/8" up from the bottom of first shelf
5. Drill pilot holes just a little smaller than the diameter of the screw you plan to use to fasten the handle legs (E) 1/4" up from the bottom of the handle base (D) and centered right to left
6. Glue handle base (D) flush to the outside of uprights (B)
7. Glue air deflector (C) to underside of handle base (D)



Handle Directions:

1. Radius the edges of handle legs (E) as shown. A belt sander does a pretty good job.
2. Drill clearance holes just a bit larger than the diameter of the screw you plan to use approximately $3/16$ " up from the bottom and centered right to left in the bottom of handle leg (E) and $5/16$ " in from the top and centered right to left in the top of handle leg (E)
3. Turn handle (F) to approximately $5/8$ " diameter and $4\ 7/8$ " long
4. Insert handle (F) in a pen vise and drill a pilot hole in each end of handle just a little smaller than the diameter of the screw you plan to use to attach handle to handle base.
5. Glue and screw handle (F) to handle legs (E) with your choice of screw. Be sure handle legs (E) are parallel with each other.
6. Fasten but DO NOT GLUE handle assembly to handle base (D) with your choice of screw. Do not tighten completely or your handle will not fold down!
7. Apply finish of your choice if desired

I hope you enjoy this plan. Don't hesitate to contact me if you have any questions.



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