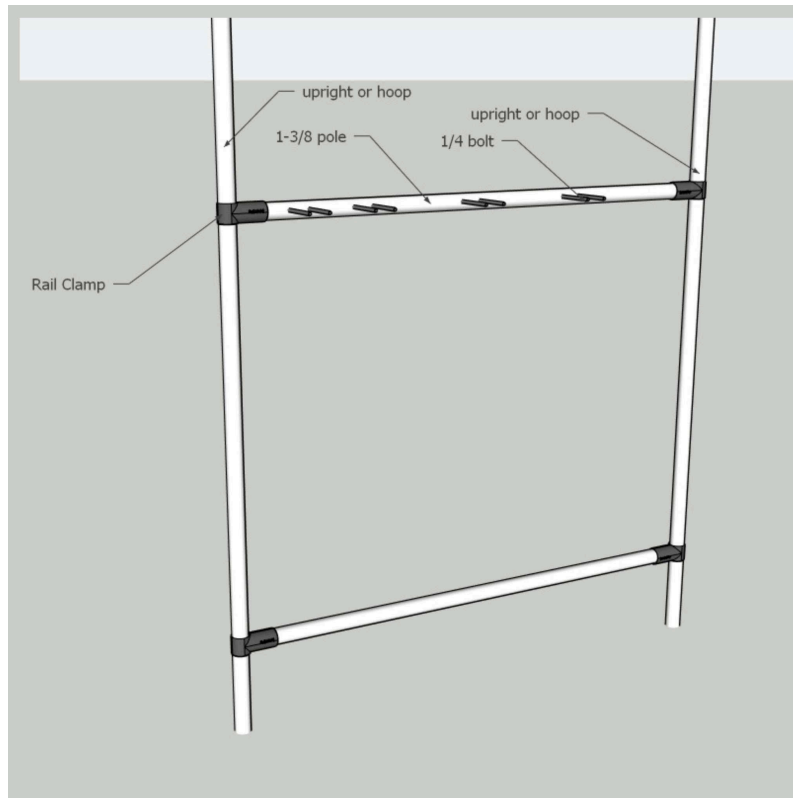


DIY Garden Tool Organizer

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This organizer is designed to be installed between the end wall uprights or hoops inside your high tunnel. They can also be set up within a garden between two posts placed for this purpose. The kit comes with everything you need to turn 1 3/8 top rail fence pipe into a tool organizer to keep things tidy. The bottom bar keeps the handles of long tools from pressing on your plastic.



What Comes in the Kit

- 8 Rail Clamp Halves w/bolts
- 8 Bolts and nuts
- #8 Self tap screws
- Silicon bolt caps

Tools to Have on Hand

- Metal saw
- Power drill
- Measuring tape
- Marker
- ¼ inch drill bit
- Level
- Someone to help you hold the pipes in place while you attach them.

What You Will Need to Buy Locally

- 1 piece of 10-foot 1 ⅝ top rail pipe. If you will be making it free-standing you need a second piece of top rail.
- Optional, add J-hooks to go along with the bolt hangers.

Building the Garden Tool Organizer

In these steps, you will complete the construction of the garden tool organizer that attaches to the hoop house uprights. This organizer helps keep your tools accessible and off the ground while protecting your plastic from wear caused by tool handles.

Measure and Cut Your Pipe

1. Measure the distance between your hoop house uprights. Subtract one inch from this measurement to allow for the bolts you will install on the rail clamp.
2. Cut two lengths of 1 ⅝" top rail to match your measurement—one for the top and one for the bottom bar.

Optional—If you want to set this organizer freestanding, you'll need to cut the additional piece of 1 ⅝" top rail pipe in half to act as legs. This allows you to place the organizer anywhere by sinking these upright posts into the ground.

Position and Mark for Clamps

1. Hold one bar at your desired top height and mark where the rail clamps will attach to your uprights or posts.
2. Repeat for the bottom bar, roughly 12–18" from the ground (or just high enough to lift tool handles off the plastic).

Drill Mounting Holes

Decide how you want to arrange your tools. If you have a number of tools with narrow heads like pointed spades you can place the bolt groupings close together. If you have wider-headed tools like rakes you will place the bolt groupings farther apart.

1. Use a ¼" drill bit to pre-drill holes in the pipe for the bolts or optional J-hooks (not included). Place them in groups of two about three inches apart. These will act as the hangers for your tools.
2. Install the bolts through your holes with the included nuts.
3. Top the end of each bolt with a bolt cap.

Attach Rail Clamps to Each End of the Pipes

1. Set your pipe with the bolts angled slightly to one side and clamp or have a friend hold in place. This will ensure that once your organizer is installed the bolt hangers are angled up to keep tools from sliding off.
2. Place a half of the rail clamp that has a round hole on the narrow end on your cross bar opposite the bolts and attach using the #8 self-tapping screw.
3. Repeat on the other side making sure that the screws hold the rail clamps in line with each other. Once installed these screws will face the outside of your hoop house while the bolts will be facing inside.
4. Align the tool organizer with your earlier marks, secure the second half of the rail clamps around the uprights or posts with the included bolts and nuts, and finger-tighten.
5. Use your level to ensure the cross bar is level and tighten the bolts.
6. Using the round hole on the wider part of the rail clamp, secure with a #8 screw to the upright posts.
7. Repeat steps 2-5 for the bottom bar.