

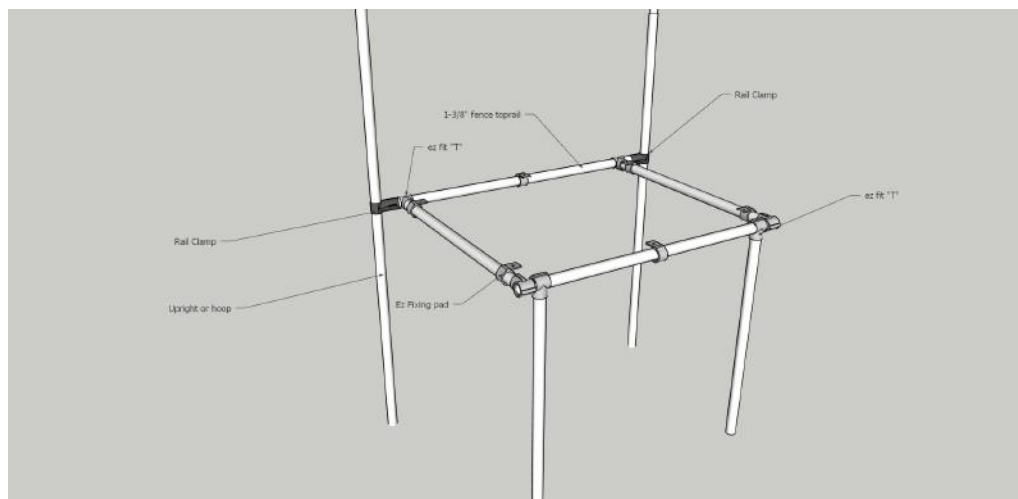
DIY Foldable Potting Bench

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This customizable foldable potting bench or table is designed to be installed between the end wall uprights or between the hoops inside your high tunnel. You can build this folding table anywhere you have two upright 1 3/8" pipes. They can also be set up within a garden between two posts placed for this purpose. The following instructions can be used to build a single-width 4' long table.

Before you begin your build, decide how deep you want the table to be and how you plan to store it. If the table depth is less than its height and the legs are shorter than the depth of the table, it can fold down. If the legs or table are longer you will need to fold it up and have a way to secure it with hooks and eyes or bungees installed in the hoops above it. Depending how you fold it, you may need to make cutouts in your table top to allow the legs to fold up.

The kit comes with everything you need to turn 1 3/8" top rail fence pipe into a support structure for the tabletop of your choice. You can use hog wire, sheet metal, wood, or hardware cloth to create a tabletop to use for potting, storage or seed starting.



What Comes in the Kit (Single width 4')

- 4 Rail Clamps w/bolts
- 6 EZ tee fittings
- 6 EZ fixing pads
- 4 Pipe caps

What You Will Need to Buy Locally (Single width 4')

- 3 or 4 10' pieces of 1 3/8" top rail fencing depending on your desired height and depth.
- Material for tabletop approximately 4 square feet.

Tools to have on hand

- Metal saw
- Allen wrench set
- Hammer
- Measuring tape
- Marker
- Level
- 1/4 inch Allen wrench
- Screwdriver and 5/16 screws or bolts for attaching your tabletop.

Choose Your Setup Location

1. Select two vertical 1 3/8" pipes to mount the table between. This could be inside a high tunnel (between hoops or end wall uprights) or between two posts placed in a garden or work area.
2. Measure the distance between the pipes and subtract one inch from that measurement for clearance. This is your crossbar measurement for the single table.

Cut the Pipe to Length

Use a metal saw to cut your 1 3/8" top rail fence pipe into the following lengths:

Single Table Setup:

- (2) Legs (vertical supports) these should be a comfortable working height for you. Between 3'-4' is typical.
- (2) Table depth arms (front to back) can be as little as a foot or as much as 4 feet.
- (2) Crossbars, one for between the uprights and one as the front of the table.

Install Rail Clamps on Uprights

1. Loosely attach the first rail clamp to your vertical uprights with the bolt at the height you want your table to rest. This will hold the crossbar in place.
2. Slide one crossbar into the rail clamp.
3. Before attaching the second rail clamp place the other parts onto it in this order. One EZ fit T, one fixing pad, and one EZ fit T. The fixing pad will be used for attaching table material so make sure the flat part faces up and in.

4. Place the other rail clamp on the second upright and insert the other end of the crossbar into it.
5. Use your level to finalize the placement of your crossbar. Tighten the bolts.
6. For extra stability, you can use a #8 self-tapping screw to attach the rail clamps to the uprights.

Build the Folding Frame

1. Insert each table depth arm into an **EZ Fit “T”** fitting. Tighten the allen nut on the depth arm but not on the crossbar section. This allows the table to fold up or down.
2. Slide two fixing pads onto each depth arm. The flat part will be used for attaching table material, so make sure it faces up.
3. Place another **EZ Fit “T”** fitting onto the end of each depth arm through the single hole end and tighten.
4. Place the remaining parts onto the second crossbar, one **EZ Fit “T”** through the double hole end, one fixing pad, the second **EZ Fit “T”** through the double hole.
5. Place the crossbar with all the parts into the depth arm “T” on both sides. Tighten all connections on end “T”s.

Add Legs and Pipe Caps

6. Insert vertical legs into the open end of each EZ Fit “T” to support the front of the table.
7. Tighten the leg section but not the crossbar sections as this allows the legs to fold.
8. Tap on pipe caps at all exposed ends to prevent sharp edges and give a finished look.

Attach the Tabletop

Cut your material to size and secure it to the frame using the fixing pads and your locally purchased 5/16 screws or bolts.

Suitable materials include:

- Hardware cloth
- Hog wire
- Sheet metal
- Wood slats
- Sealed and painted plywood

Folding the Table

To fold the bench down when not in use, pull the legs out and allow the table to fold down.