

Site leveled. Two parallel paths must be created for the tracks. Consider gravel and/or landscape fabric under tracks.



Lay out all supplies, keeping like parts with like for easy access.

Track in place with t-bar anchors. Side walls with base board constructed and set in place. Rollers already attached. Side wall mid height purlin also attached. Laid out in East position.



Track inspected to be sure there are no low spots. Ground anchors placed on outside of tunnel for entire length (both tunnel positions).

Prefabricating ribs, bows, end walls and doors on flat surfaces with plenty of room. Attach polycarbonate to end wall sections when on the ground if possible.



Stand up side walls to prepare for installation of bows. Ladders in the center at each bow help stand bow up and into receiving poles of side walls. Side wall cross braces used to hold sides up.



Bows are put together on ground. Lifted over one side wall and slid into receiving poles on side walls. Start on one end of tunnel and work towards other end, installing purlins as each bow goes up.



Hip board attached and side wall cross braces moved to final position and attached. Any additional cross bracing put on before polyethylene covers the structure.



End walls hung from end bow by sections. Vent section first, two sides next. Doors can be hung after polyethylene is on structure.



Standing up an end wall section. Attached to outside bow. Multiple people to hold wall in place is useful.

Construction of a Movable High Tunnel at the Genuine Faux Farm

Test run - moving the tunnel from east to west and back again. Three people adequate (two to push, one to range tunnel to watch for obstructions).

After the test run - attach turnbuckles on side walls to v-track and to ground anchors. Do not tighten down completely until all are attached with some slack.

Trimming the excess polycarbonate from the top of the end wall. Aluminum tape over cut edges prevents water entry and covers sharp edges that may break polyethylene.



The tunnel in November (East position)



The tunnel in September (West position)



Hinged entry doors (removable pin hinges recommended), tilt up doors at bottom of end wall and vents put on last. Step up drill bit handy for piloting holes in metal useful.



Tennis balls and rope to pull 6-mil polyethylene plastic over the high tunnel.



Inside the tunnel, preventing hangups as poly is pulled over. Two people on ladders was adequate.

Pulling the plastic down. Even a gentle breeze (5mph) can be felt.



Tunnel kit from Four Seasons Tools
30'x72' movable tunnel set for 2 positions on v-track. Metal end walls with polycarbonate. Roll up sidewalls and manual vents.



Several people are required to simply hold plastic in place while it is secured. At least one person per bow.

Pulling plastic tight the 'long way.' Use a 2x4 board to wrap excess plastic and give better purchase for pulling.



Wiggle wire inserted into channel to hold plastic in place. Excess plastic is trimmed. One end attached first, then pulled tight before 2nd is attached.

Finishing the polyethylene.
Wiggle wire attaches plastic to hip board. Similarly, side roll up bar is attached once top is secured.
Plastic pockets between first two ribs in corners and an apron on base board added last.

