

Tidal irrigation mobile seedbed

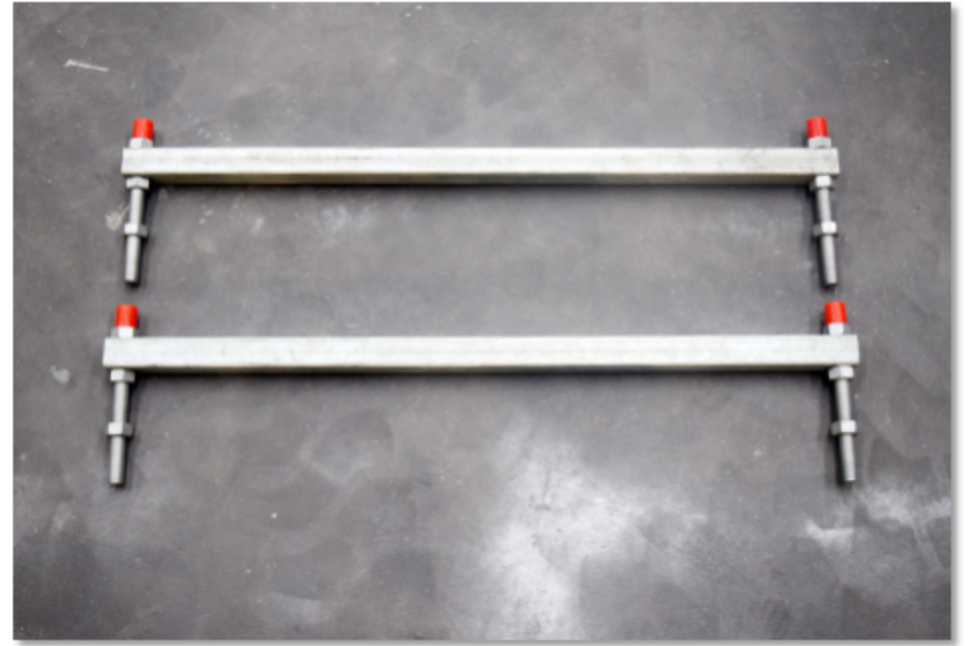
Installation steps



Warm reminder:

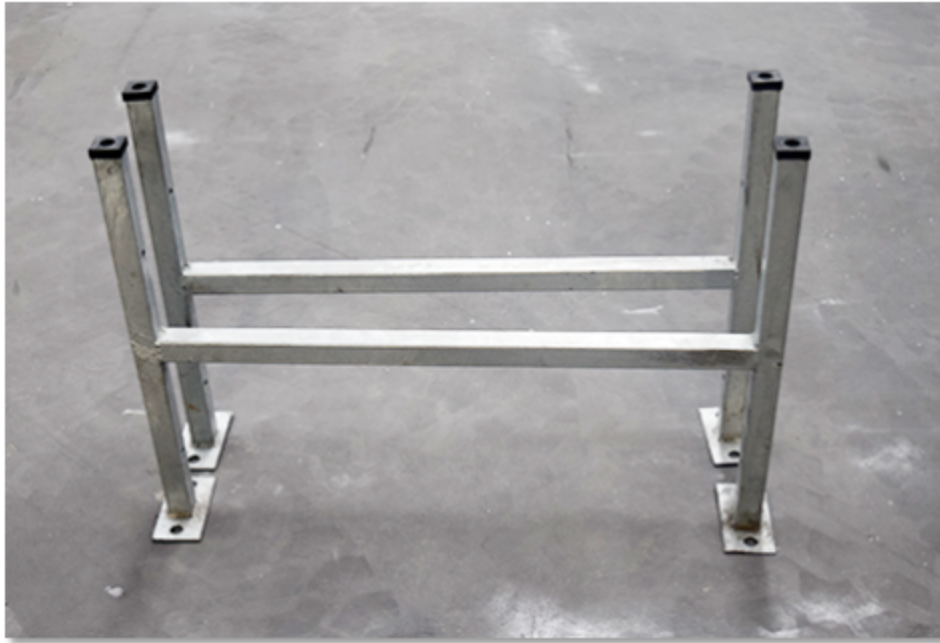
Installation precautions

1. The seasonal and temperature changes in the construction site should be taken into account. For example, in summer, when construction is carried out in southern China, the hot weather and greenhouse effect make the temperature as high as 40 degrees during the construction process, and the construction personnel are very prone to heatstroke. The work and rest time of the construction personnel should be adjusted to avoid the peak temperature, which not only effectively speeds up the construction progress, It can also ensure the health and safety of construction personnel.
2. The construction of mobile seedbed is divided into hardened ground and land surface. The hardened ground is generally fixed by drilling with expansion screws, and the land surface is generally installed by adding diagonal bracing. No matter which site is installed, the stability of seedbed support must be guaranteed.
3. During the installation of the mobile seedbed, the tight connection between the seedbed mesh and the cross brace must be ensured. The aluminum alloy frame must be installed with a special frame connector, and the high side shall be pressed against the low side. In this way, there will be no gap between the frame and the connector, which shall be fixed with rivets. The spacing distance of the seedbed support shall be accurately measured.
4. After the seedbed support is connected with the end diagonal brace, the upper cross beam of the seedbed support must be adjusted on the horizontal plane. After the seedbed support is horizontal as a whole, install the roller tube, cross brace and anti turnover clamp.



Step 1: assemble the adjusting screw

1. Screw the nut into the screw according to the specified size.
2. Insert the screw with installed nuts into the beam, lock the nuts at the upper and lower parts of the beam, and cover the splash cap.



Step 2: install the adjusting beam

1. Place the seedbed support vertically on the ground and insert the plastic inner plug into the support hole from top to bottom.
2. Thread the installed adjusting beam into the inner plug of seedbed support from top to bottom.



Step 3: install the end diagonal brace

1. Place the seedbed support installed with the adjusting beam on the ground according to the specified interval (generally, the distance between the seedbed supports is two meters), insert the fixing bolts from the outside to the inside of the reserved hole of the seedbed support, then insert the two ends of the end diagonal brace into the bolts according to the specified position from the inside of the seedbed support, and install the nuts on the bolts inserted into the end diagonal brace, Lock the nut with the corresponding wrench.
2. Adjust the nut height under the bolts at both ends of the upper beam of the seedbed support so that the upper beam of the seedbed support is on the horizontal plane and the whole seedbed support is on the same plane.



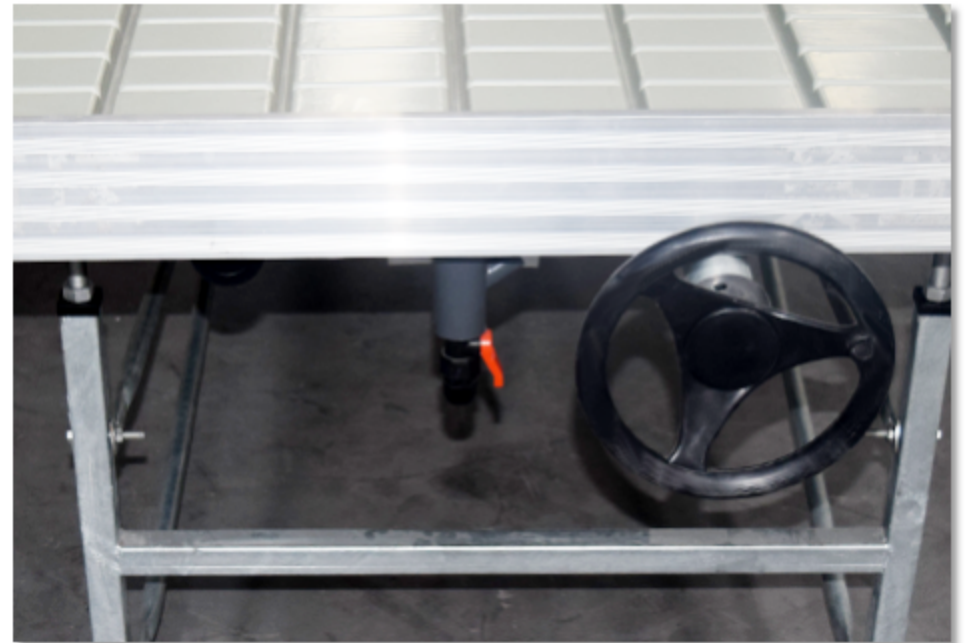
Step 4: place roller tube and cross brace

1. Place the two roller tubes flat on the seedbed support according to the direction of the seedbed, do not align the two ends of the two roller tubes, staggered, and reserve the installation size of the hand wheel.
2. Place the cross brace evenly on the roller tube according to the specified number. The first cross brace and the last cross brace are aligned up and down with the upper beam of the seedbed support at both ends. When there are multiple groups of anti turnover cards on the seedbed, the cross brace at the position where the anti turnover card is installed shall be aligned with the upper beam of the corresponding seedbed support.



Step 5: install the frame and anti turnover card

1. Place the frame on both sides of the cross brace. The outside of the frame shall be aligned with the outside of the cross brace. The junction between the cross brace and the frame shall be fixed with drill tail wire, and the junction between the frame and the frame shall be connected with frame connectors and fixed with rivets.
2. It is recommended that the position of the anti turnover card should be 35-37cm away from the inner edge of the seedbed support. During installation, the anti turnover card should be penetrated from the upper cross beam of the support at both ends of the seedbed from bottom to top to cover the upper cross beam of the seedbed support. The upper end of the anti turnover card should be installed on the cross brace corresponding to the upper cross beam of the seedbed support on the roller tube, and fixed on both sides of the cross brace with drill tail wire.



Step 6: install seedbed mesh, hand wheel, water supply and drainage, and block

1. Press the seedbed ABS tide panel evenly from one side of the seedbed frame and place it in the frame.
2. Install the hand wheel, put the two hand wheels on the corresponding reserved ends of the two roller tubes respectively, and fix them with drill tail wire.
3. Unscrew the filter screen on the upper and lower water accessories counterclockwise, and the upper and lower water accessories penetrate from the lower direction of the reserved hole of ABS tide panel. Cover the upper and lower water accessories with the unscrewed filter screen on the reserved hole of ABS tide panel and tighten it. The other end of the roller tube is installed and blocked.



Step 7: arrange the seedbed

1. Adjust the roller tube and seedbed table so that when the seedbed table is in the middle position, it can move 30 cm left or right respectively with the rotation of the roller tube.
2. Install and adjust all seedbeds in the greenhouse.