

## X-PRO Precautions for installation of foundation

➔ Problem: Precautions for installation of foundation—Thunder-XPRO;

Problem analysis:

✧ 1. Installation;

**Solution:** Here the track base means one device that connected the cutting machine track and the ground. Refer to the different users, this device is different.

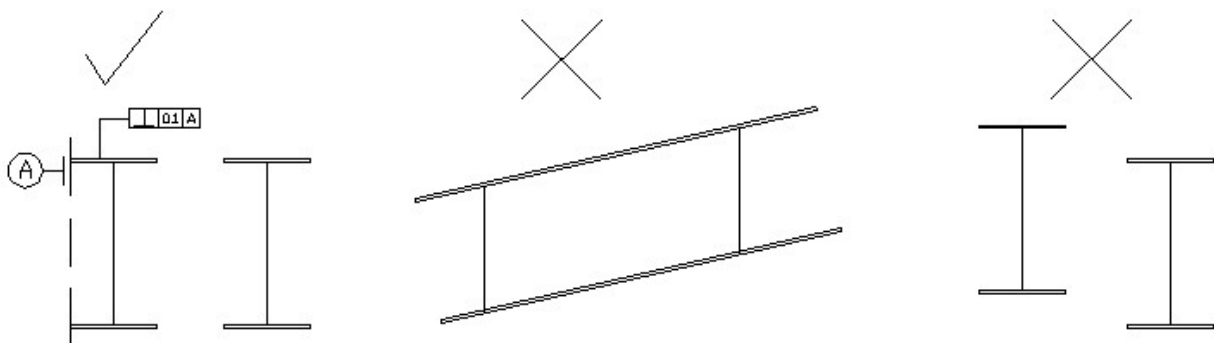
Usually the H-beam steel is the most option. Now take the H-beam Steel as the sample to explain:

1. The H-beam Steel (sectional area:200x200mm) must be smooth firmly fixed on the ground.

Usually can open slot in the ground, then filling cement. Inlay the steel plate to the cement, then welded the H-beam steel to the steel plate.

2. The center distance of the track and the center of the H-beam Steel is 2380/ MM

3. H-beam Steel should be fixed to the ground, and both the H-beam steel must be parallel with the ground, can't be tilt or uneven, see the following drawing.

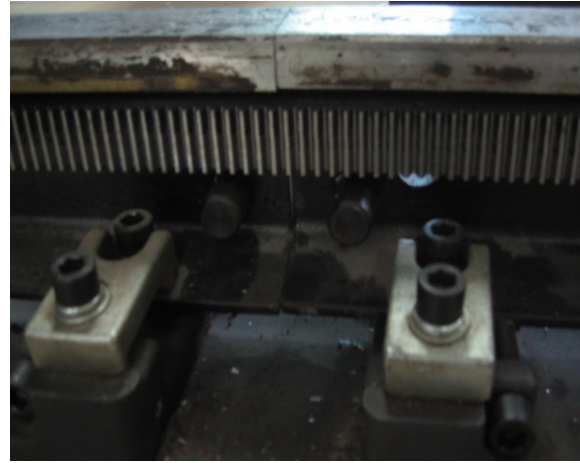
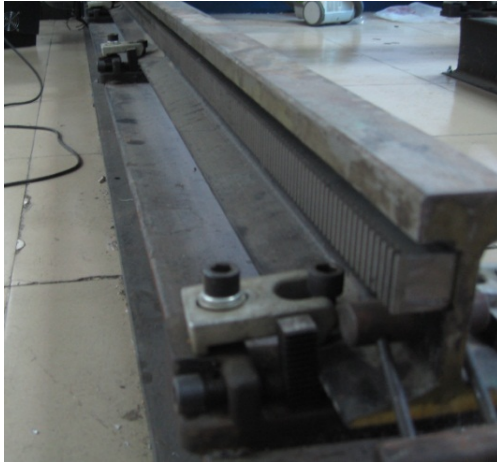


The building of the track base is very important, otherwise it will seriously effect the quality of the equipment adjustment and machine operation!

✧ 3.3. Track installing

1:Track connecting

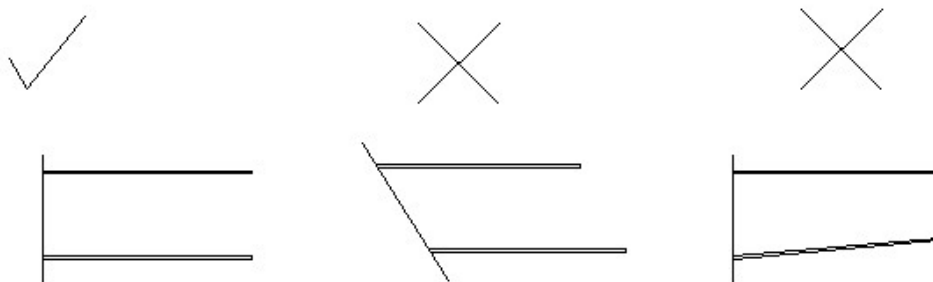
Model X gantry cnc cutting machine track contains : 24KGS STEEL Track -Rack, frame and track adjustment .



2: Fixed the Rack to the 24KGS Steel track, and install the Track Adjustment.

It must be confirmed that the error of the center distance of the track is less than 3mm, measuring diagonal length of the two tracks. In reality the length of the track maybe different, at least must ensure:

- (1) Both the track beginning sides are in one level (as the standard side)
- (2) The angle between track(standard side) and the gantry beam (with THC) must be  $90^{\circ}$



When doing the rack joint, take another rack to make the corresponding, then it can make sure the clearance, at last fixed the rack.

Make sure the racks are in one level and the installing is accurate, this is very important for the machine working quality. Please make sure that.