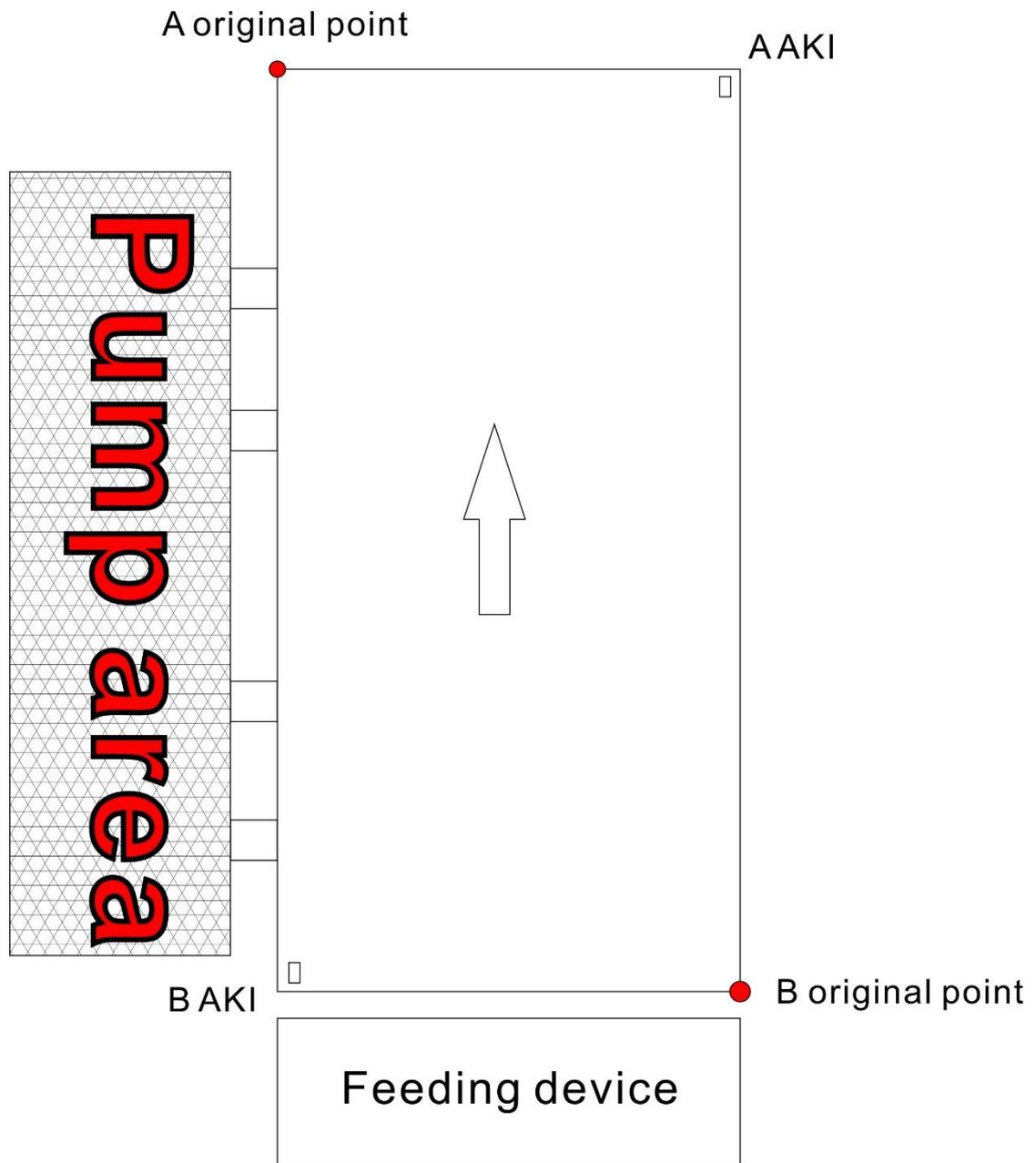


**Installation preparation:**



## Computer Configuration Requirement:

System: Win7, Win10。 64bit

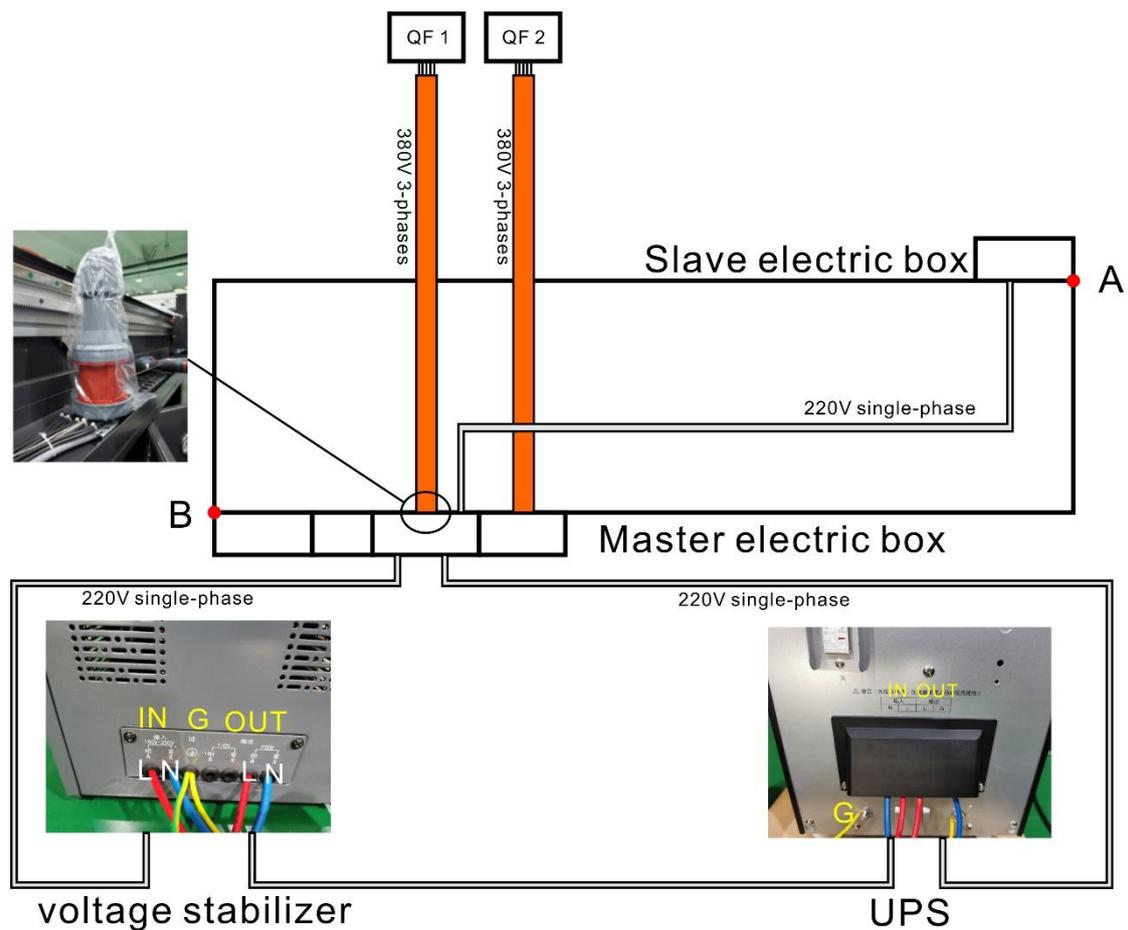
Memory: 8G or above

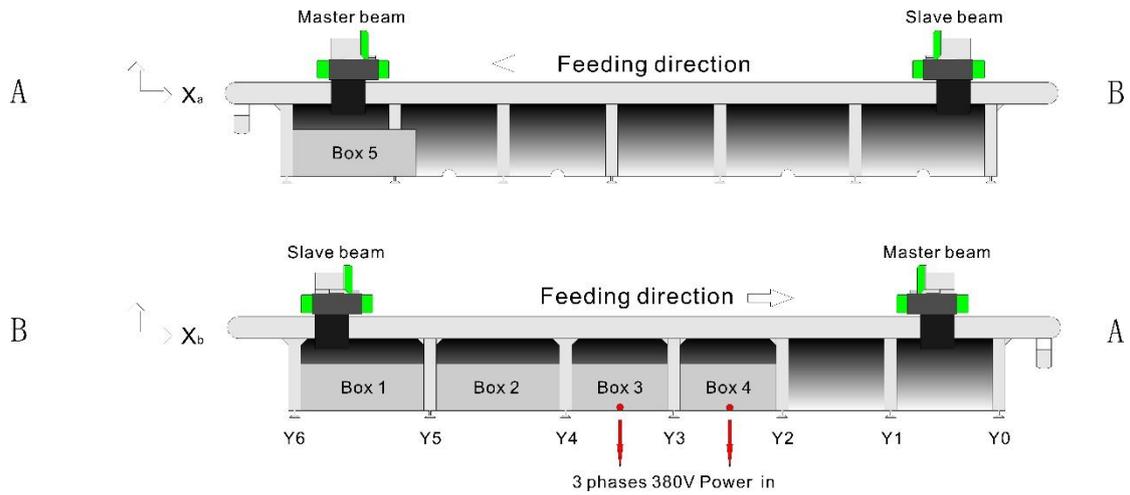
CPU: i5 or above

HDD: 500GB

Extended slot: 8 USB ports (1 for keyboard, 1 for mouse, 1 for dongle, 1 for usb flash disk, 4 for machine communication)

Power Requirement: (50HZ、 60HZ, Voltage $\pm$ 5%, PF=0.8)





Three-phase Vacuum Pump	Voltage	Electric Current	Wiring System
7.5KW	380V	27.5A	L1、L2、L3、N、G

Electric Current:

QF1: 2 Pumps + 2 electric boxes =  $27.5 \times 2 + 2 \times 10 = 75A$

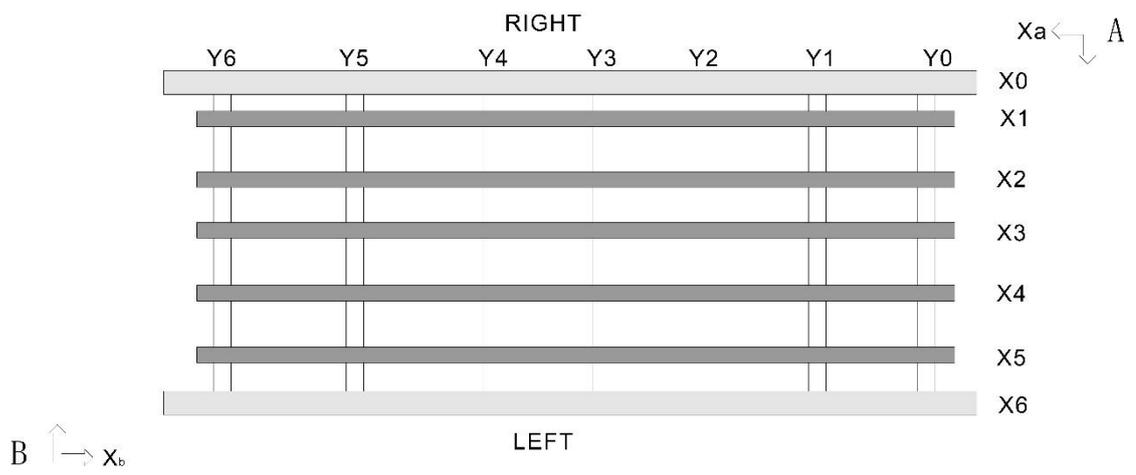
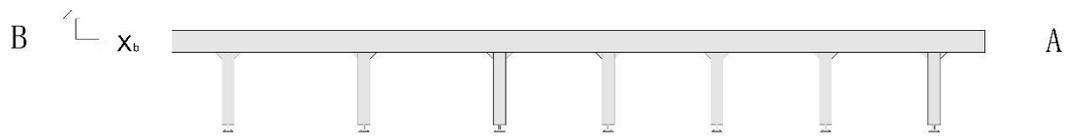
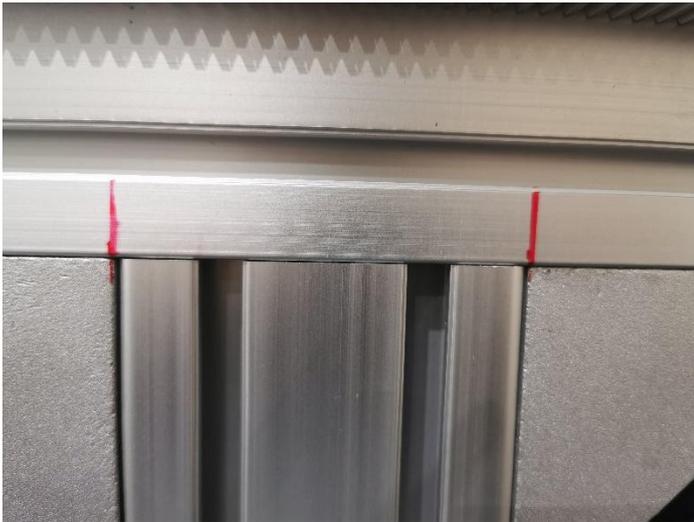
QF2: 2 Pumps =  $27.5 \times 2 = 55A$

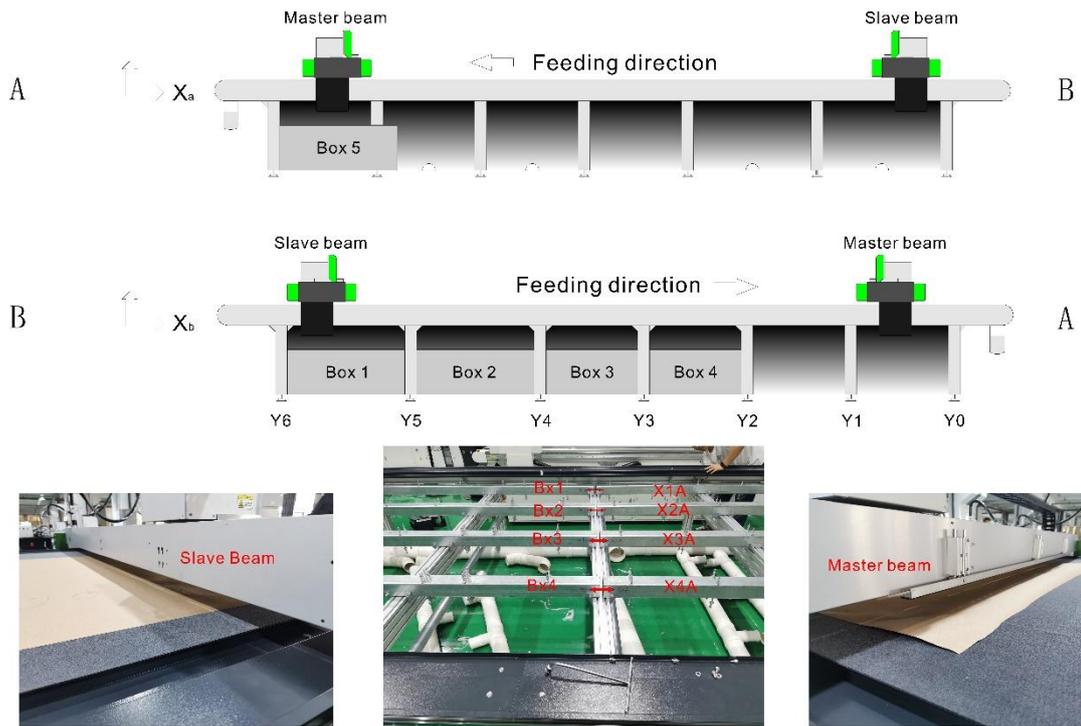
Additional preparation required:

5 wires (L1 L2 L3 N G) cable, for 3 phase power supply from customer factory to machine.

**Installation points:**

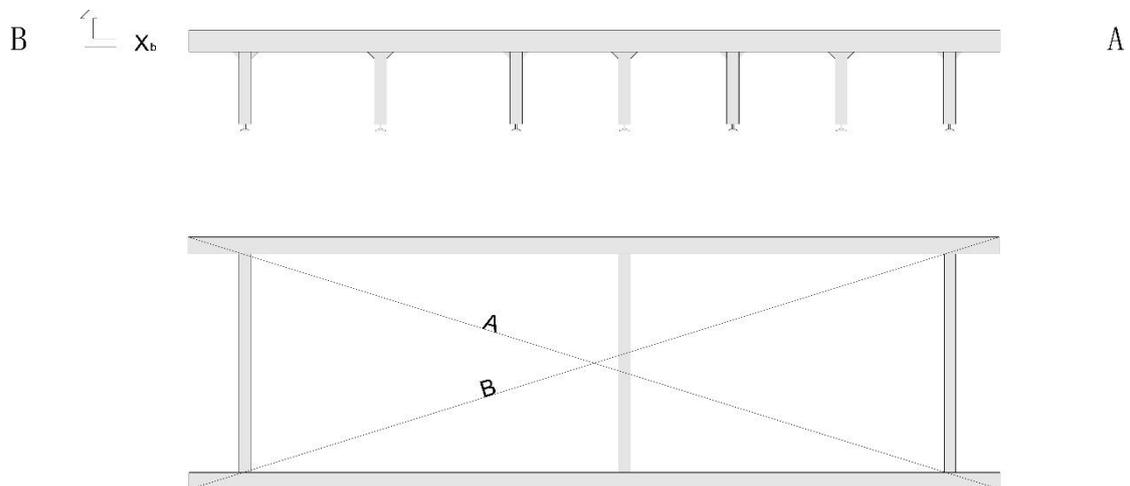
1. All legs install position all marked with red line and numbers. Y numbers all marked on right side of the legs.





2. First install left and right X axis bridge, Y0 Y6 Y3 legs. Do not lock the screws too tight.

Measure the diagonal length same with TK3S installation.

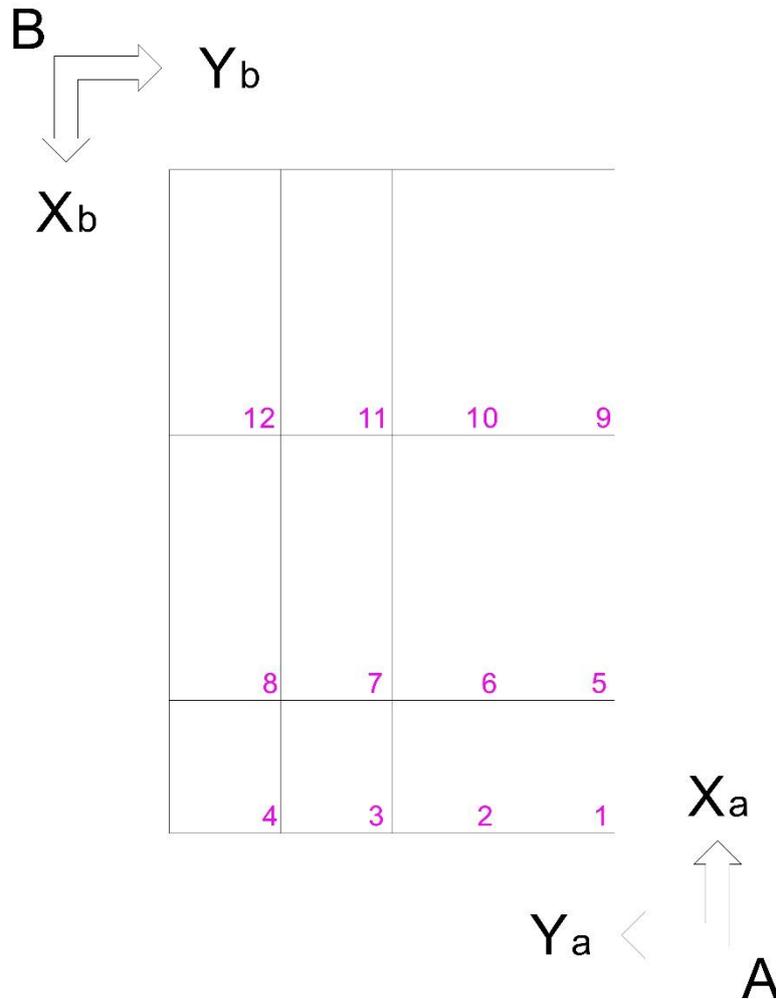


The length difference between A and B should be less than 0.1-0.2mm, Make them as equal as possible.

After diagonal calibration finish, install other legs to finish frame installation.

3. Install tables. All tables are marked with red number.

## Aluminum platform installation sequence

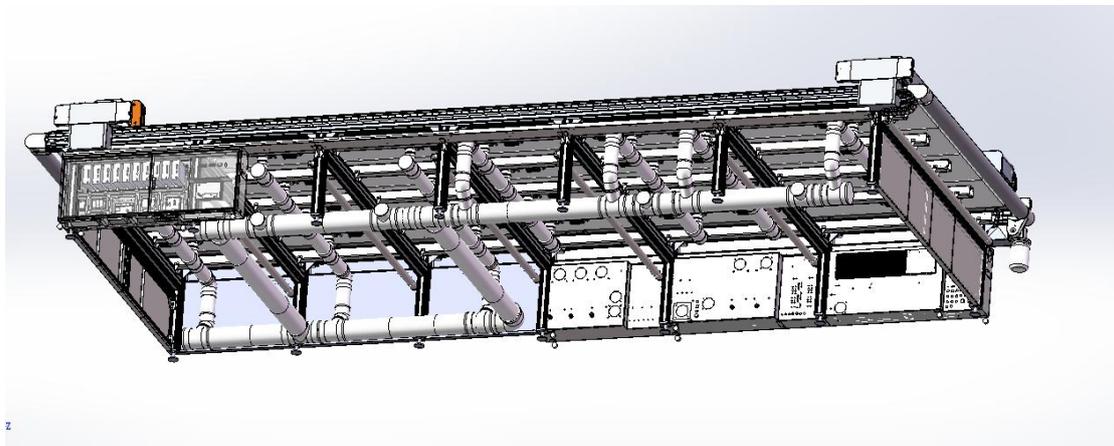
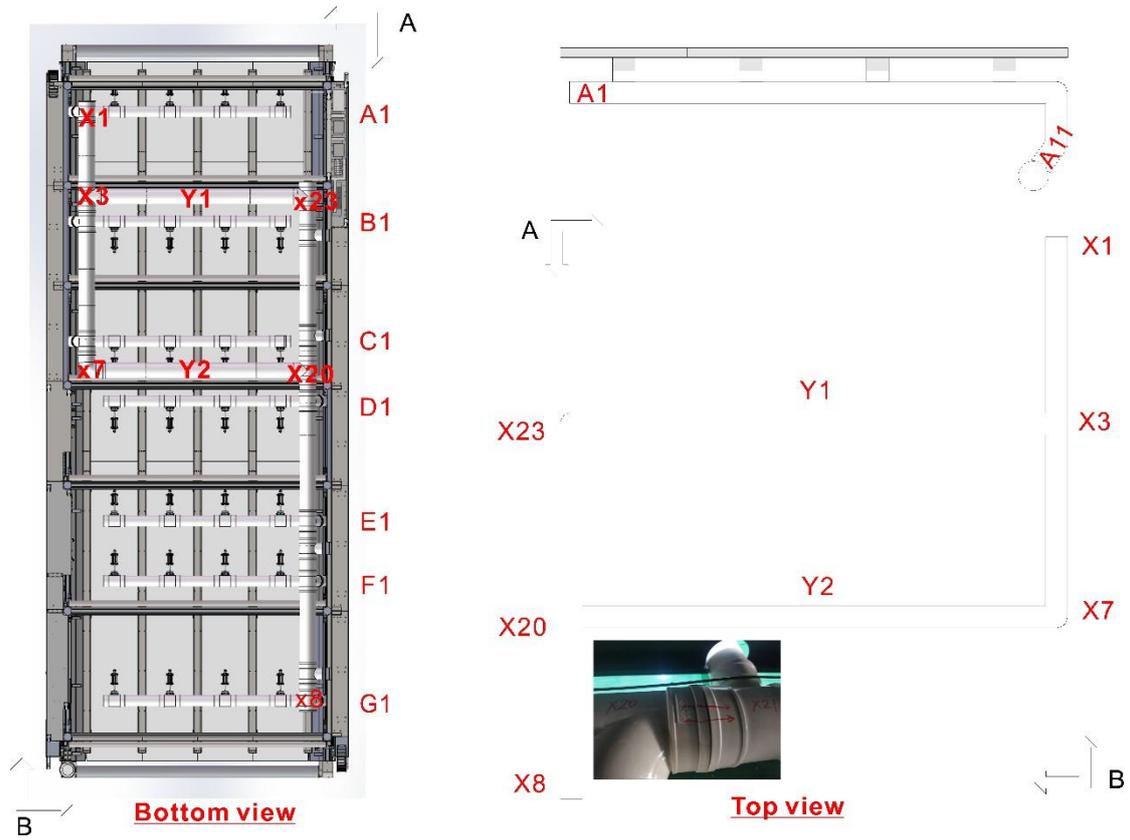


4. Install only one beam first (It doesn't matter which one first). **Pay attention to the installation direction and difference of the beam.**

Install altitude instrument on the head and measure table. If you install 2 beams together, it can't finish all table calibration.

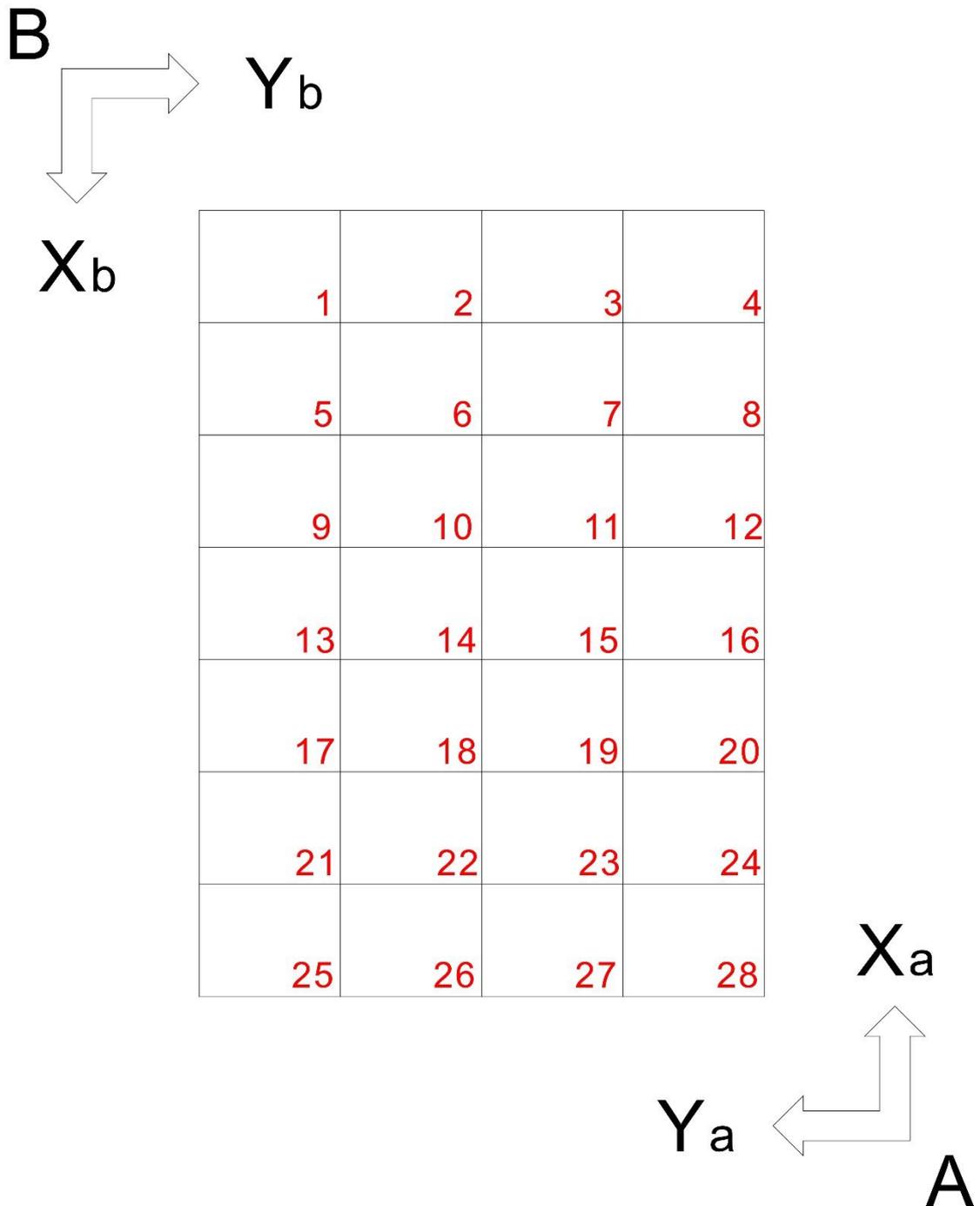
After table calibration finish, install second beam. No need calibrate again on this beam.

5. PVC tubes installation



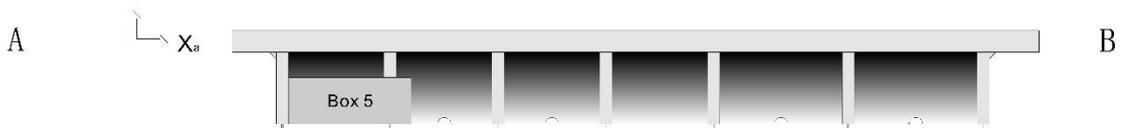
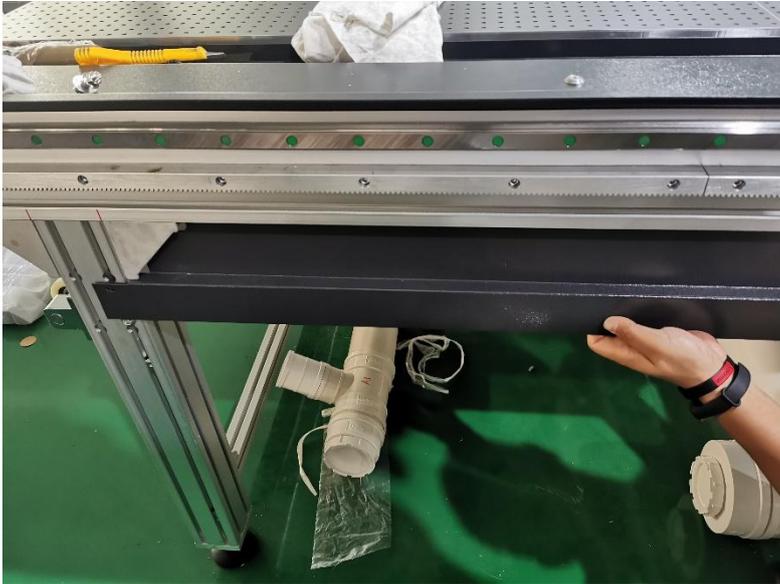
6. Air pipes connection. All pipes are has number marks.

# Vacuum area sequence



## 7. Electric box installation

Before install electric box, should install small cover first.



Drag chain slots have been marked L (left) and R (Right) .The reference point is the front of the machine

