

Smart Table
User Manual



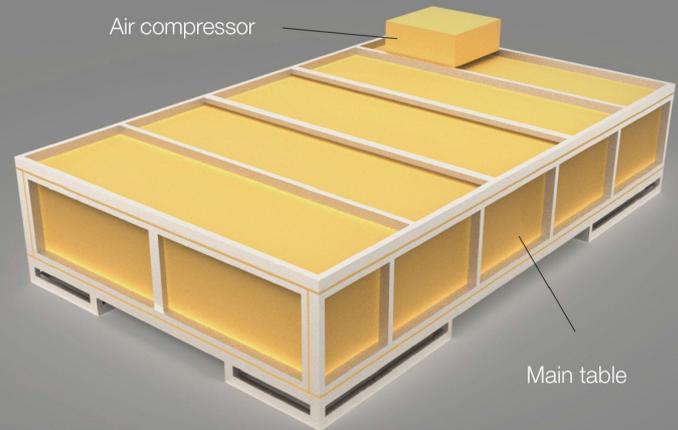
PACKING INSTRUCTION

The package of our smart table is made of galvanized steel frame and Plywood board, free of Fumigation. The package contains two units:

310cm×190cm×67cm (Main table), 52cm×52cm×23cm(Air compressor)

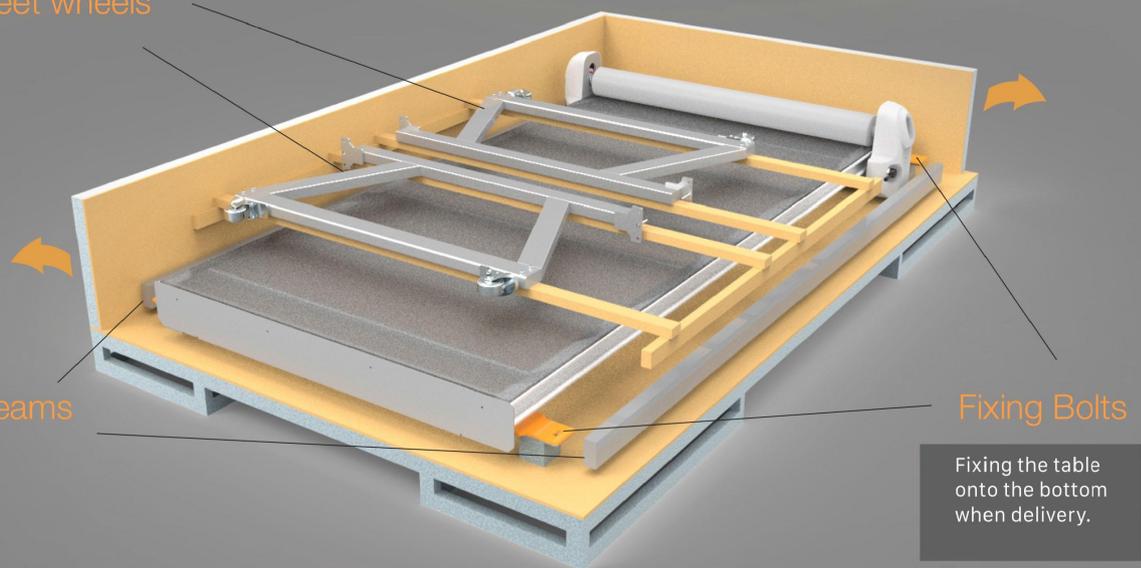
The box shall be disassembled by loosening the screws around the edges.

Tools Needed: No.8 OPEN ENDED SPANNER



Stand Frames with feet wheels

Fixed on the wood frame, bind by the fasten belt.



Stand connection Beams

Fixed on the package bottom, bind by the fasten belt.

Fixing Bolts

Fixing the table onto the bottom when delivery.

Release machine parts from the package bottom:

1. Cut off the belt fixing the **Stand frames**, and release the **Stand frames** out of the package; remove the wood frame.
2. Cut off the belt fastening the Stand connection beams from the bottom, and release the beams aside.
3. Screw off the bolts fixing the table from the yellow pad to release the table.
4. Remove all the walls of box.

We can get an accessory box from the package, which contains:



ACCESSORY BOX CONTAINS:

HEXAGON SOCKET BOLTS	
M-8×60 mm	8 pieces
Round Shim	
φ8×1.5mm	8pieces
WRENCH	
M-8	1 pieces
Oil-water Separator with fixing screws	
M-6	1 pieces
Bolts Gasket	
3.5cm×6cm	4pieces

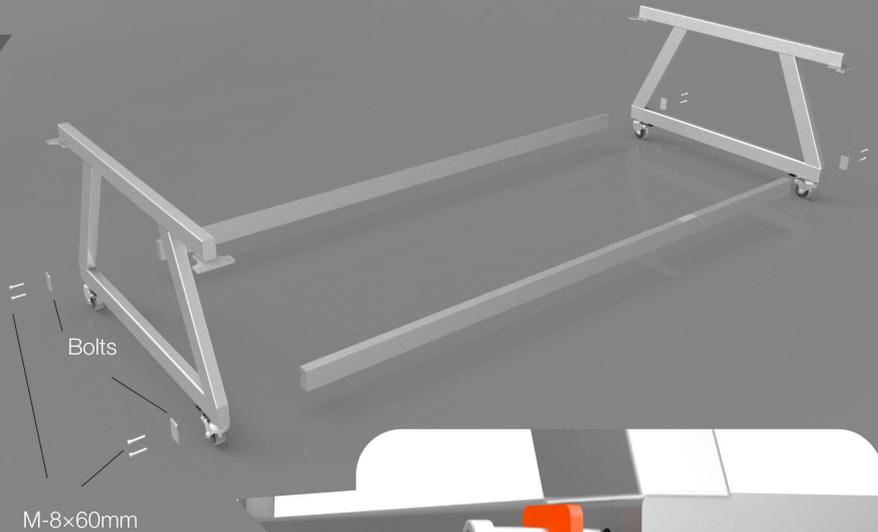
Stand Frame Assembly:

Assembling the **stand frame** is the first step to build your working table.

Both of the **Stand frames** are totally the same, which could be assembled at will.

Take out the bolts M-8×60mm, and put the **stands frame** and the **stand beam** together, then screw the bolts into the thread hole.

Note: PLEASE ADD THE **BOLTS GASKET** WHEN INSTALLING. Just like the close-up shot showing.

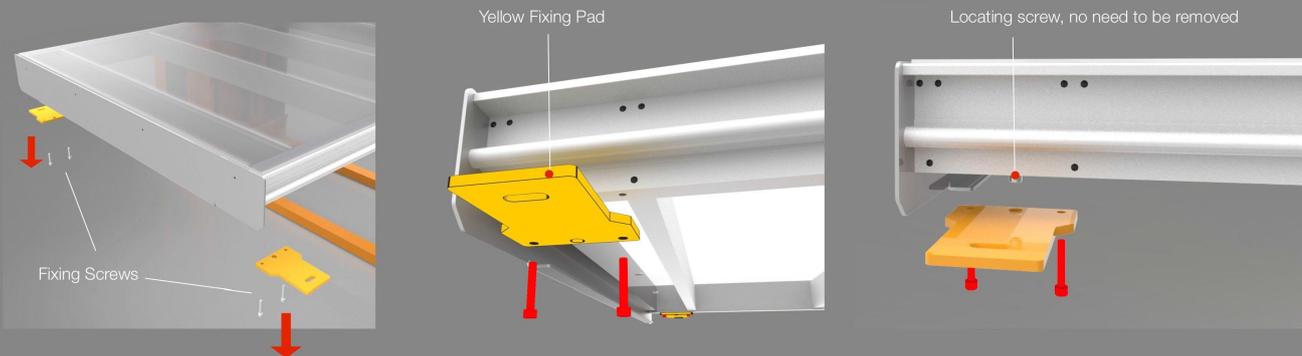


INSTALL THE MAIN TABLE

After assembling the stand frame, we can install the main table on it. Before that, we need a fork lift to raise the main table from the package bottom. **The position of the forks shall be set at the middle near the gantry.** Just like the picture showed:



Remove the package bottom by manual.
Remove the yellow pad from the table by screwing off the fixing screws by sides with HEXAGON SOCKET KEY.
Note: Just remove the screws marked red color as below. The middle of screw do not need remove.



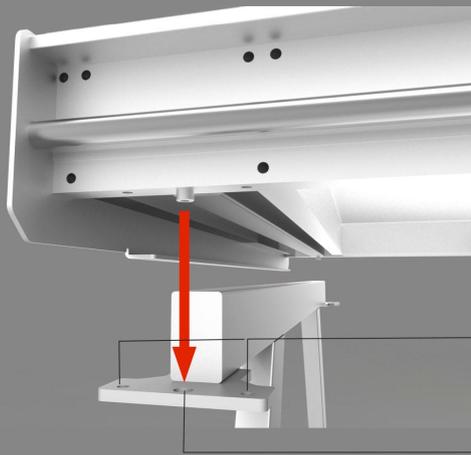
Push the assembled stand frame under the lift table.

Note: The side with two holes should be put near the Roller gantry, on which side we need install the Oil-water Separator, just as below showing:



Drop the table carefully to fit to the stand frame's fitting holes, then screw back the fixing screws, please check the Graphic below:

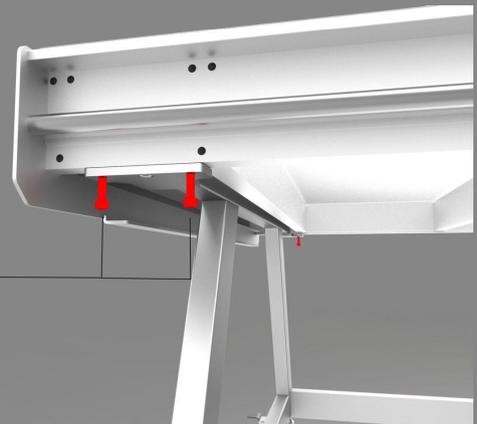
Note: We can move the stand frame to fit the fitting screws of the table into the fitting holes on the frames.



Fixing Screws

Fixing Holes

Fitting Hole



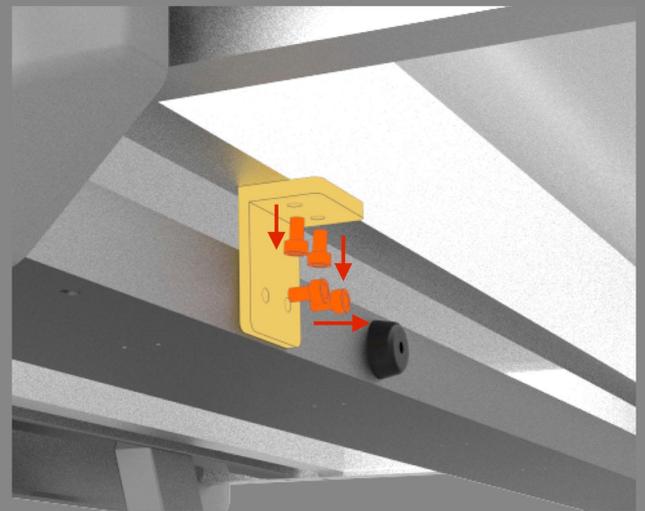
Screw the **Oil-water Separator** onto the stand frame, just like below showing:



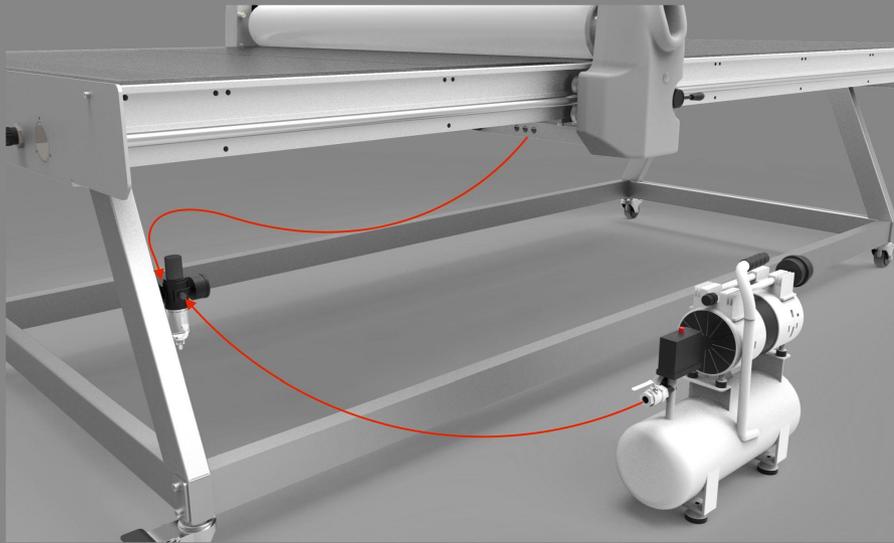
- Take out the 2 pieces of **fixing bolts** from the **accessory box**
- Screw the **Oil-water Separator** onto the frame

Release **Roller GANTRY**

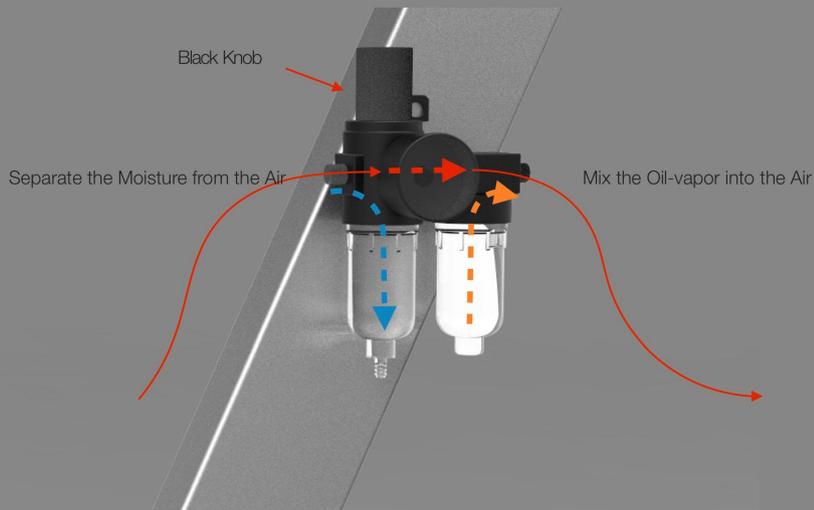
In order to avoid damage when delivery, the roller gantry was fixed to the table by some bolts under table. Before using table, we need to remove the **bolts** and the brackets (at both sides) firstly. The steps as follows:



Link the **Air Compressor** to the Table



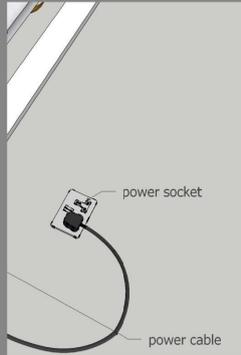
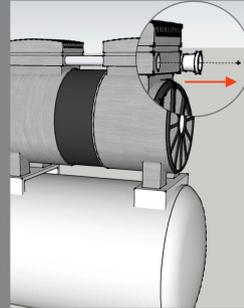
- ▶ Pick out the interface from the Accessory-bag of compressor.
- ▶ Plug the Air-tube(from Accessory Box) into the Oil-water separator and the interface of the Air compressor.
- ▶ Plug the Air tube coming from the gantry into the interface at the other side of the Oil-water separator.



- ▶ Oil-water separator principle Instructions
- ▶ Separate the moisture from the air, meanwhile mix the oil-vapor into the air, to extend the life of cylinders and gas lines.
- ▶ The big black knob on the Separator is the Adjustor of the pressure, the further instruction following behind.

Start Using Smart Table

- Take off the **white plastic stopper** from the Air inlet.
- Ensure the **red hand valve** is staying at the position showed.



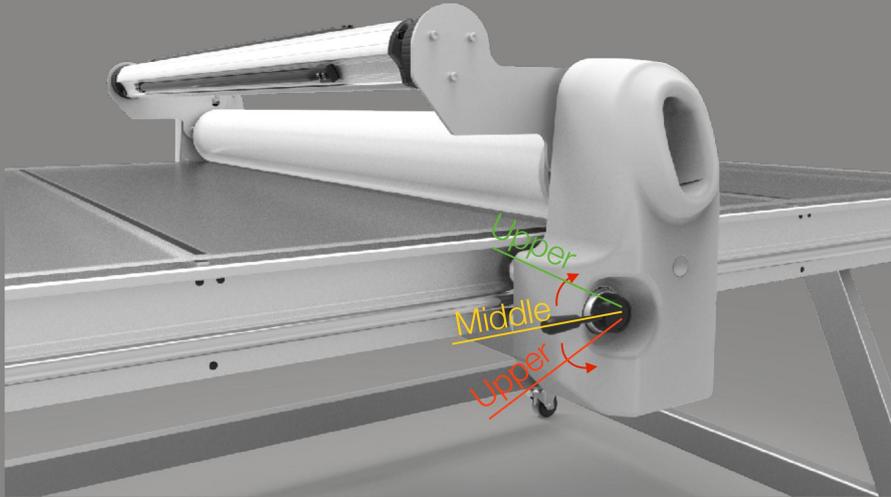
- Ensure the **Red button** on the top of the air compressor staying pressed
- Then we plug in the power for Air compressor

- Pull up the **Red button** to start the Air compressor to compress the air.
- 1~2 minutes later, the Air compressor will stop automatically when the pressure coming to around 0.8Mpa.



- Twist the **Red handle** valve to the position showed, lead the air pressure to the table roller lifting.

How to operate the table working?



- Twist the **handle valve** Up/Down position to control the table roller lifting and dropping.
- There is a requirement that we need keep at least one side handle valve staying at the middle position to ensure the full control from the other side. If both sides handle valve stay at un-middle position, it will conduct the inflate and deflate path, causing the pressurized gas to leak out, which will also directly cause the cylinder to have no down pressure.

- Pull up and Twist the **black knob** on the front panel to adjust the roller pressure.

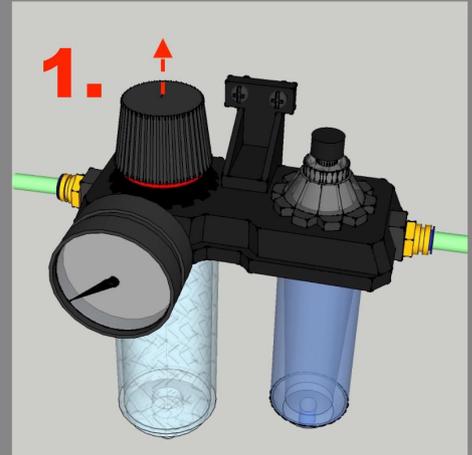


How to adjust the general pressure?

- ▶ Factory set the default air pressure value is 0.4 Mpa;
- ▶ User could adjust the pressure value according the actual work. Specific operation as follows:

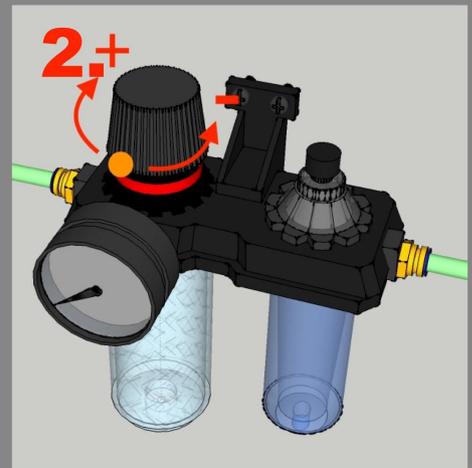
1. Increasing the air pressure:

- ▶ Pull up the black knob, which will cause a slight sound of unlocking. Then rotate the knob in clockwise direction, after that we could see the increasing of the reading. After adjusting, push the black knob down to lock it, which has a slight sound of locking.



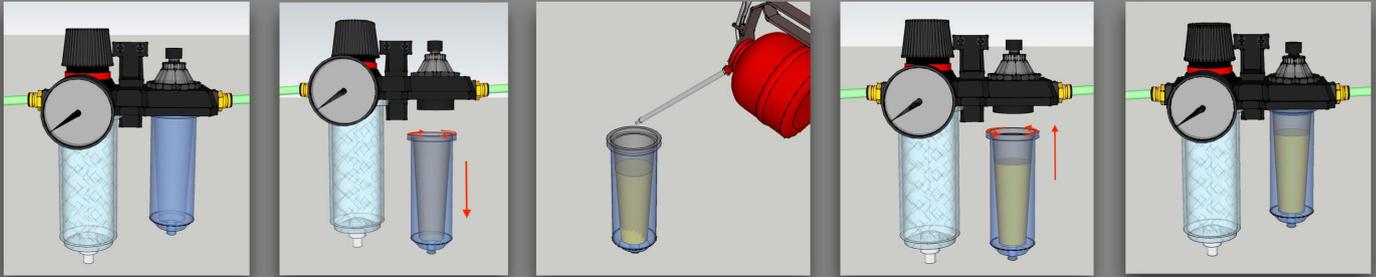
2. Reduce the air pressure:

- ▶ Pull up the black knob, which will cause a slight sound of unlocking. Then rotate the knob in anti-clockwise direction, after that we could see the reducing of the reading. After adjusting, push the black knob down to lock it, which has a slight sound of locking.



Routine maintenance

- ▶ First time using the oil-water separator, please well noted to add liquid lubrication oil into the reservoir: Like the pictures below:



- ▶ (Regular adding lubrication oil could improve the stability of the air cylinder and lengthen its life.)
- ▶ After long time using, the water collect bottle on the separator will collect some water, please push the outlet at the bottom of the bottle to drain the water out, which will cause the large Airflow sound, but it's normal and safety for operator.
- ▶ Regularly clean the roller with cold water or ethyl alcohol. (Prohibit scrubbing the roller by cold water when the roller heating, or it will cause the partial rough and crack, shorten the life of the roller.)
- ▶ Avoid the hard and sharpen object broken the roller.
- ▶ Please hang up the up-roller by yellow hanging hooks when machine idled for long time, which will protect the rollers out of deformation.



WARRANTY

All our products are manufactured under strict quality control and are designed for long life. But if something does occur, it is good to know that we provide comprehensive warranties. All of our products have one year guarantee.
We provide full technology support service life-long!