Qomolangma® ST1325 Series
Flatbed Lamination Table

USER'S MANUAL

FMJ-FY-ST1325

Please read this manual carefully before operation

CONTENTS

SPECIFICATION

Model	FMJ-FY-ST1530
Max laminating size	1500mm x 3000mm (59" x 118")
Max laminating thickness	50mm
Diameter of roller	130mm
Material of rollers	Silicon dioxide
Table glass	10mm temper glass
Illumination	LED tube illumination
Machine frame	Alloy aluminum
Operation type	Manual
Roller upgrade	Air cylinder
Pressure Range	0.8-1.0kw/h
Pressure Range	0-0.8Mpa
Machine Size	3420mm x 1930mm x 1040mm (135" x 76" x 41")
Machine Weight	400kg (882lbs)
Package	Wooden box
Packing size	3650mm x 2150mm x 580mm (144" x 85" x 23")
Packing size (Air Compressor)	520mm x 520mm x 220mm (21" x 21" x 9")
Gross Weight	500kg (1102.3lbs)

PACKING INSTRUCTION

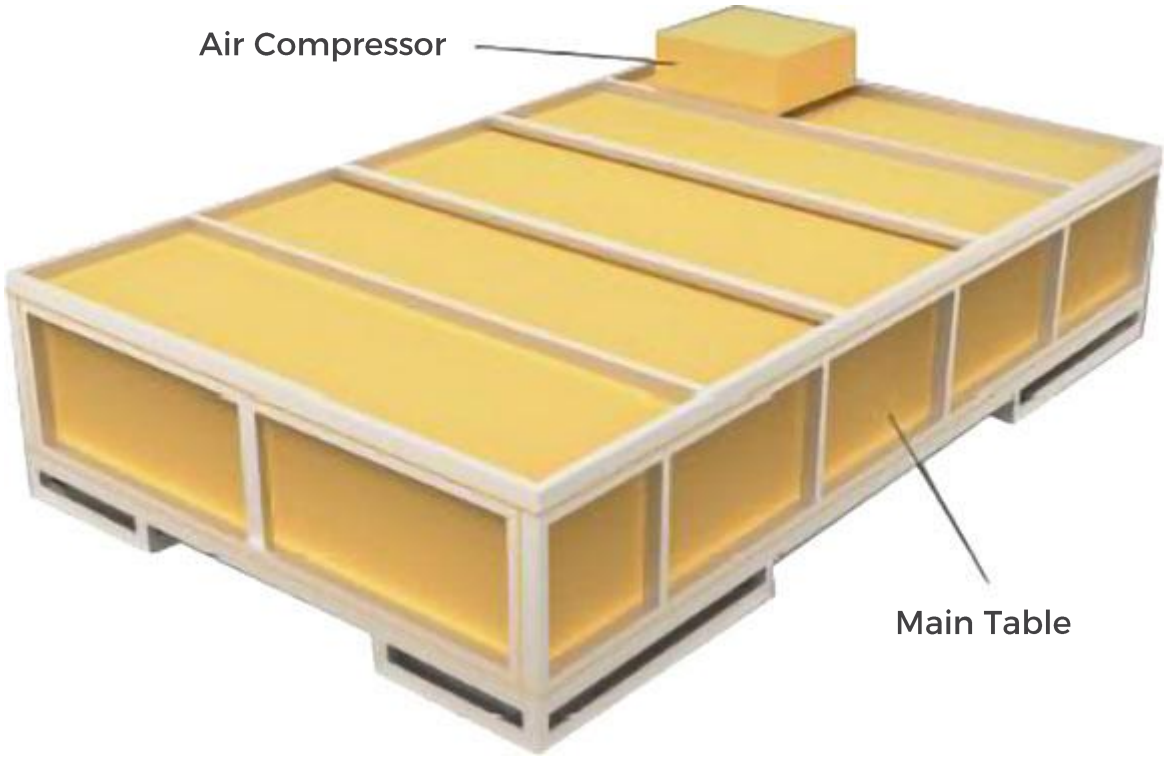
The Package for Qomolangma Smart Table is made of Galvanized steel frame and Plywood board, free of Fumigation.

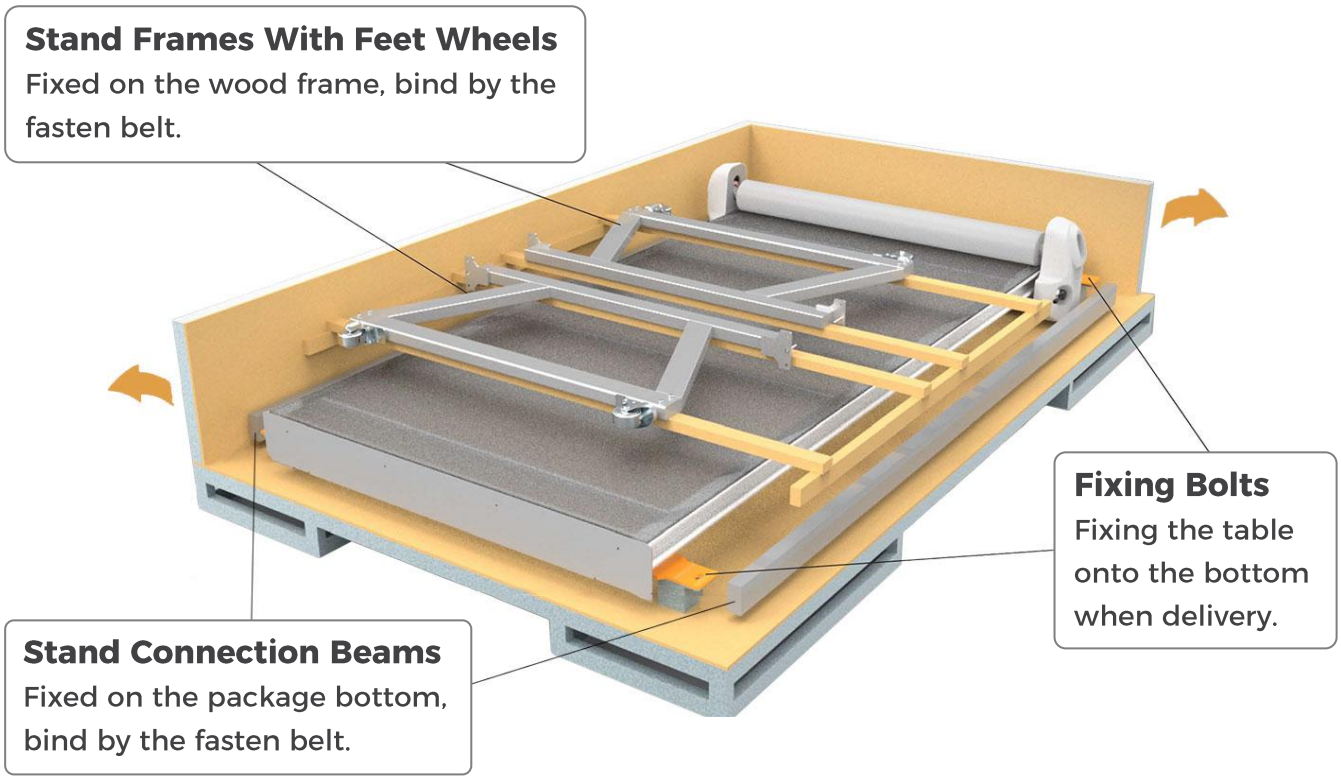
The package contains two units:

- 3650mm x 2150mm x 580mm (144" x 85" x 23") (Main table)
- 520mm x 520mm x 220mm (21" x 21" x 9") (Air compressor)

Loosen the screws on the edge of the box to open the package.

Tools Needed: No.8 OPEN ENDED SPANNER





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:

Hexagon socket bolts M - 8 x 60mm	8 pieces
Round shim Φ8 x 1.5mm	8 pieces
Wrench M - 8	1 pieces
Oil-water separator with fixing screws M - 6	1 pieces
Bolts gasket 35mm x 60mm	4 pieces

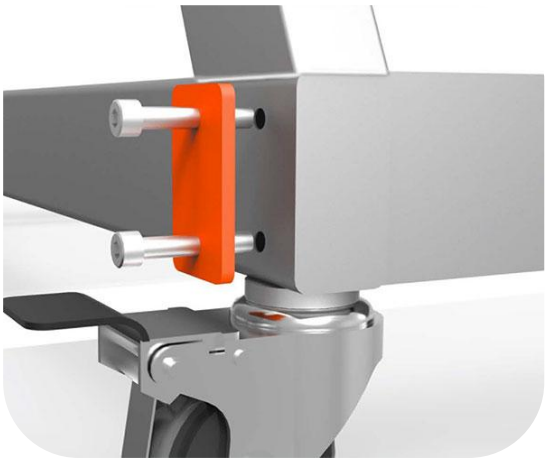
Stand Frame Assembly:

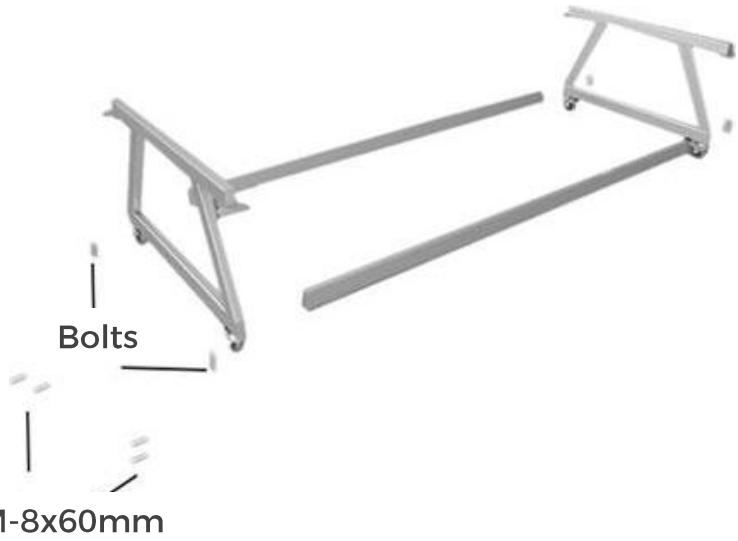
Assembling the **Stand Frame** is the first step to built your working table.

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

Take out the bolts M - 8 x 60mm, and put the **Stands Frame** and the **Stand Beam** together, then screw the bolts into the thread hole.

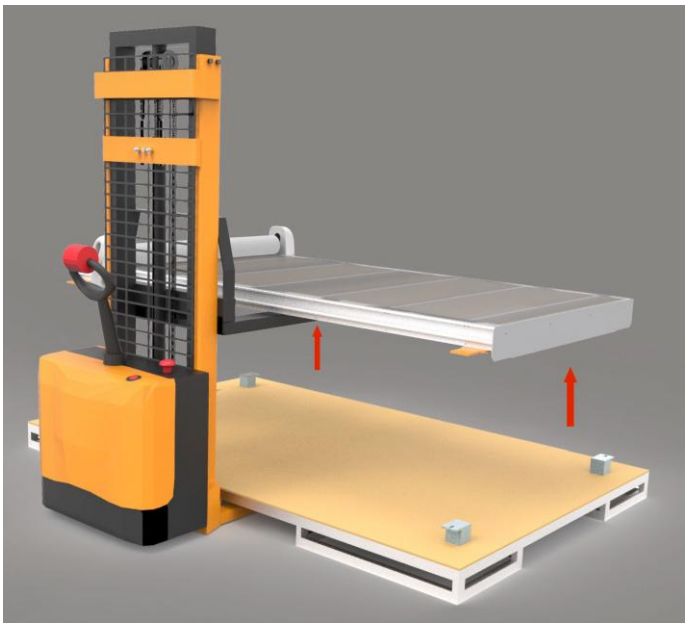
Note: PLEASE ADD THE **BOLTS GASKET** WHEN INSTALLING. Just like the close-up shot showing.

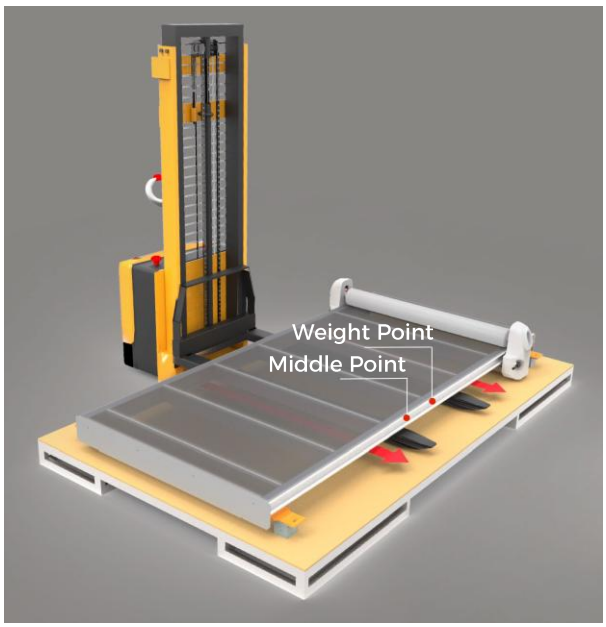




INSTALL THE MAIN TABIE

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

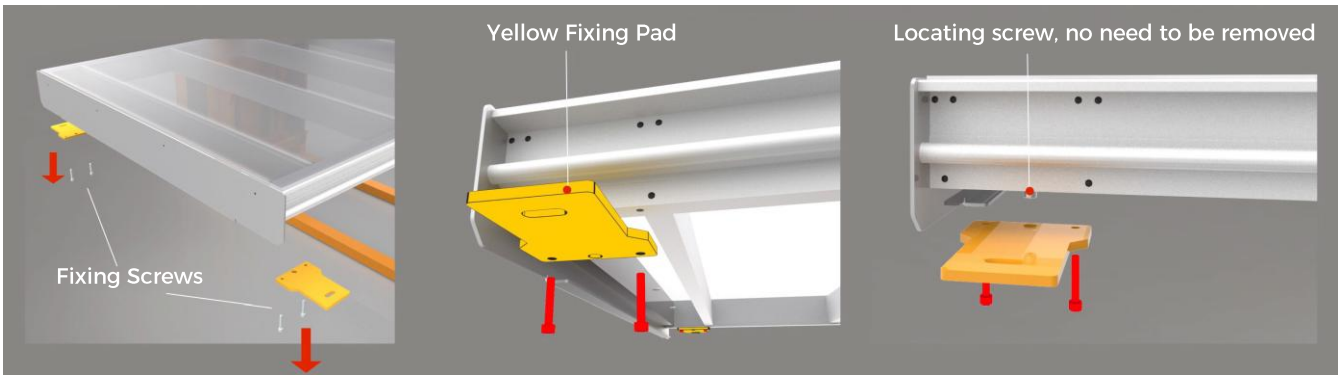




Remove the package bottom by manual:

Remove the yellow pad from the table by screwing off the fixings crews by sides with HEXAGON SOCKET KEY.

Note: Just remove the screws marked red color as below. The middle of screw do not need remove.

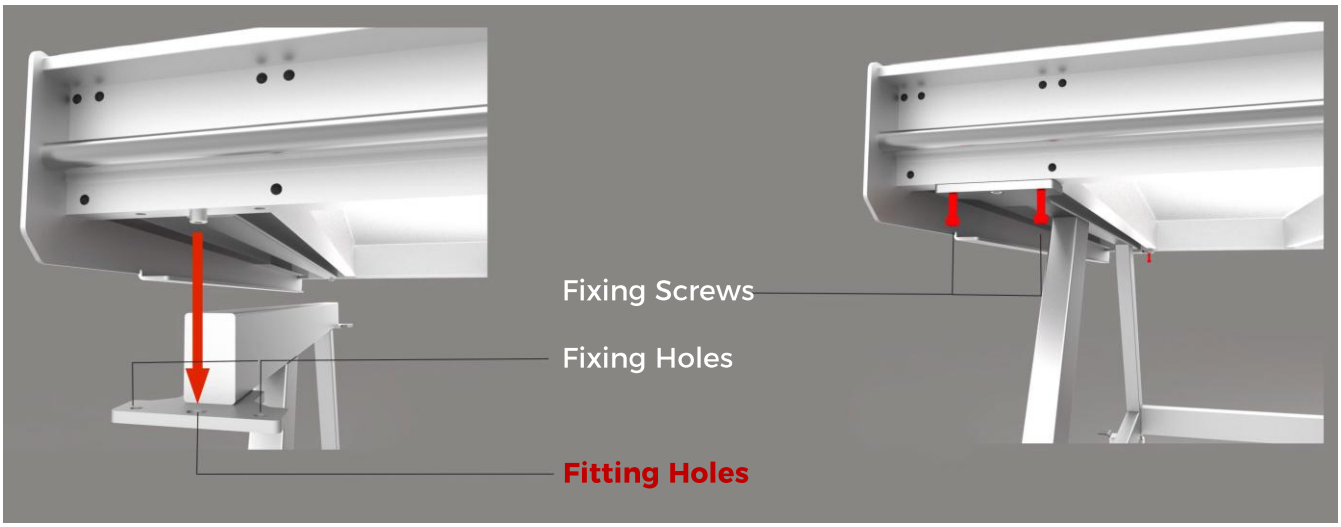


Push the assembled stand frame under the lift table.

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 frame.

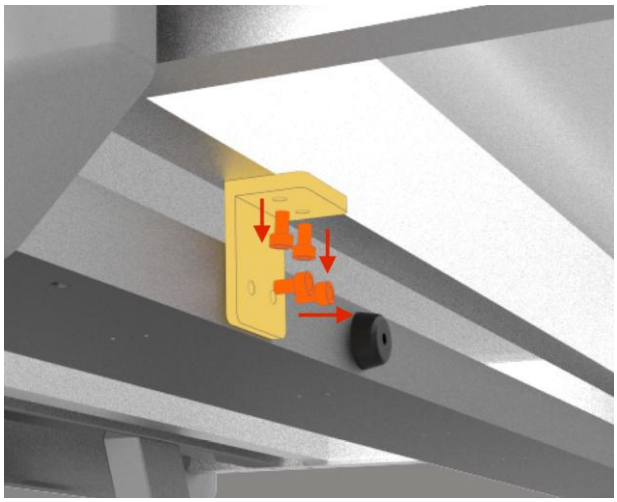


Screw the **Oil-water Separator** onto the stand frame, just like below showing:

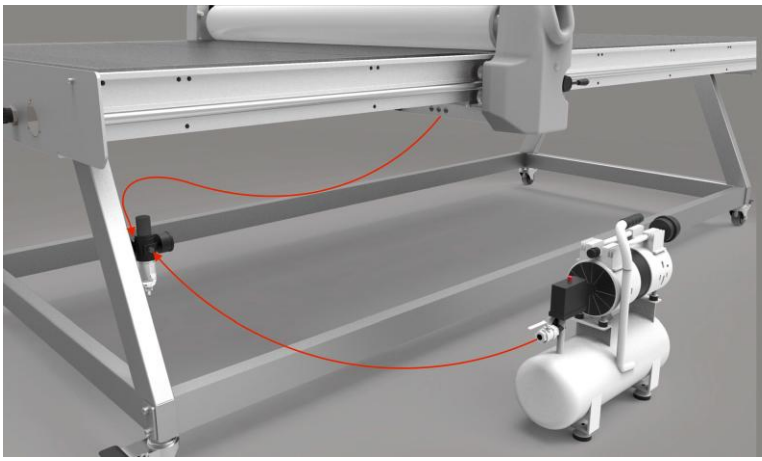
- Take out the 2 pieces of **Fixing Bolts** from the **Accessory Box**.
- Screw the **Oil-water Separator** onto the frame.

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:



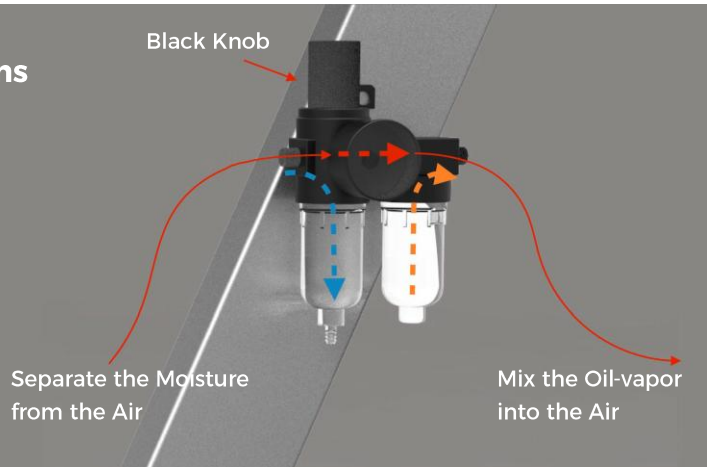
LINK THE AIR COMPRESSOR TO THE TABLE



- 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.

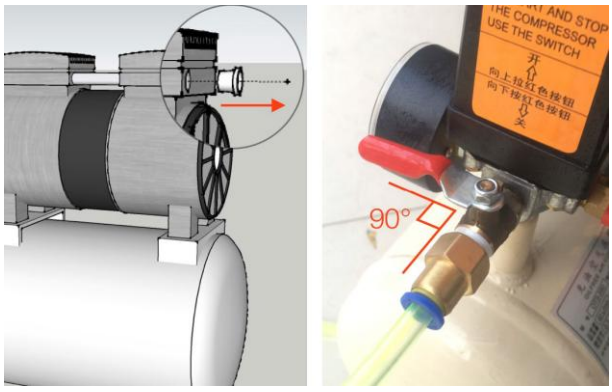
Oil-water separator principle instructions

- Separate the moisture from the air, mean while 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.

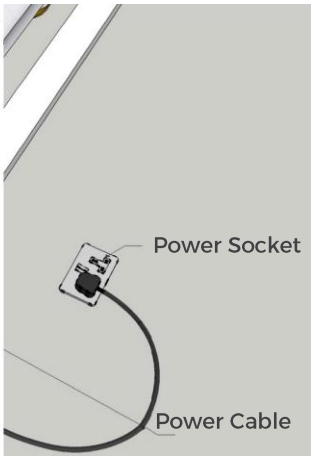


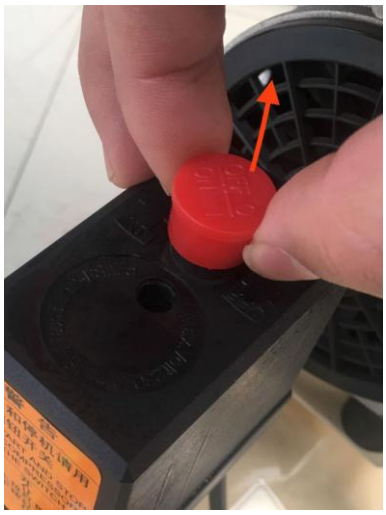
START USING QOMOLANGMA SMART TABLE

- 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

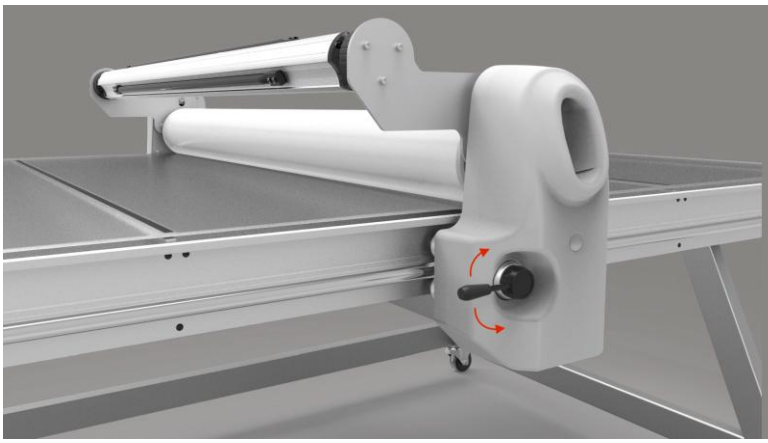




- Pull up the **Red button** to start the Air compressor to compress the air.
- 1 ~2 minutes later, the Air compressor will stop automatically when the pressure coming to around 0.8Mpa.

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.

Twist the **black knob** on the front panel to adjust the roller pressure.

HOW TO ADJUST THE GENERAL PRESSURE?

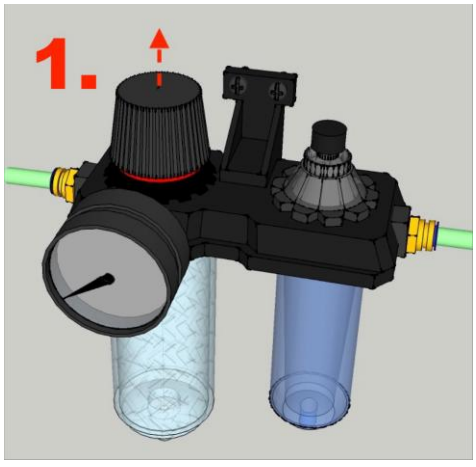
Factory set the default air pressure value is 0.4 Mpa.

User could adjust the pressure value according the actual work.

Specific operation as follows:

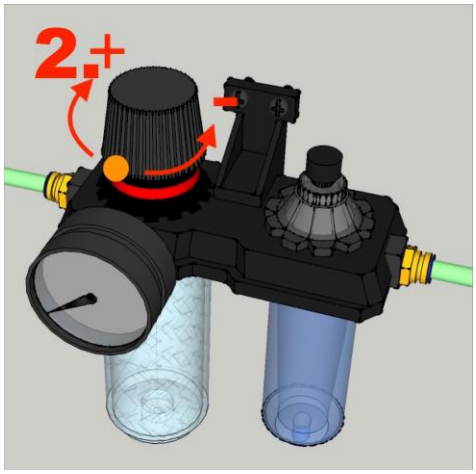
1. Increasing the air pressure:

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.



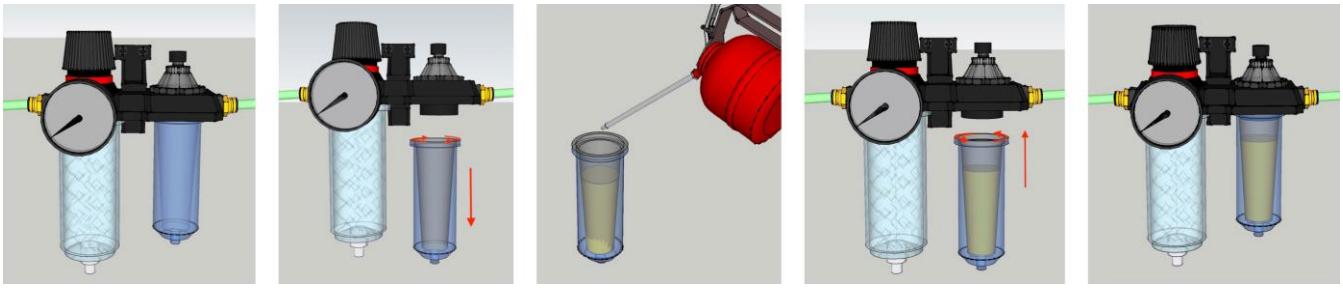
2. Reduce the air pressure:

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 knocing 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.
- We provide full technology support service life-long!
- Limited to 2-year warranty on non-consumable parts!
- Company or person requesting warranty repair shall contact us to pre-authorization and selection of a qualified repair technician to service the equipment prior to performing service on the equipment. Failure to request pre-authorization for service repair and selection will result in denial of a warranty claim.
- We will not be liable for labor or material costs associated with graphic production, graphic application, equipment downtime or any other consequential damages including loss of profits or potential business sales, arising out of a warranty claim. It is the user's responsibility to secure the equipment and surrounding area to prevent damage from damages arising from a warranty claim. We are not responsible for damages from improper care, maintenance or repair of equipment associated with normal operation.