



Assembly Manual 2020



Free Call 1800 30 6161 | info@eurotech.com.au

PACKING INSTRUCTION

The EasyRoll Table package is made from Fumigation-free Plywood board. The package contains two crates:

460cm×219cm×67cm (Main table)、 52cm×52cm×23cm(Air compressor)

The crate needs to be disassembled by loosening the dovetail screws around its edges.

Tools Needed: Phillips head screwdriver.



Option accessories

The accessories will be fixed on the top of the table if it has them, such as:

- Shelf Units
- Tray Units
- Roll rack Pair

Stand Frames

The Stand frame is fixed to the bottom for delivery.

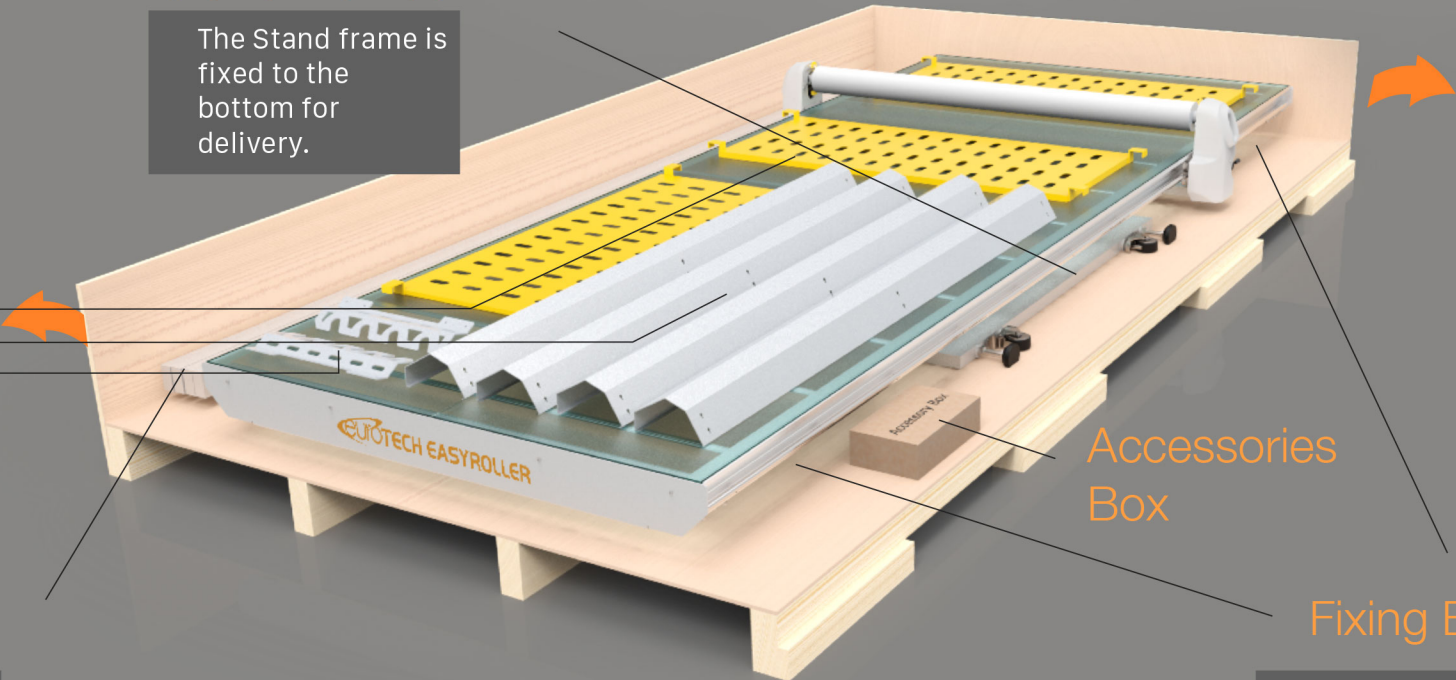
Long Crossing Bars*4

Bound by the fasten belt to the bottom of the crate.

Accessories Box

Fixing Bolts

The Table is fixed to the bottom for delivery.



Release machine parts from the package bottom:

1. Cut off the belt fixing the **Stand frames**, and release the **Stand frames** out from the bottom.
2. Cut off the belt fastening the Long cross Bars from the bottom, and release the beams aside.
3. Undo 4 bolts from shipping mount brackets.
4. Remove all the walls of crate.

Remove the accessory box from the Crate



Hex Bolt 8*20

8 pieces



Hex Bolt 5*16/6*16

6 pieces



Pulling Ring

6 pieces



Wire rope φ3 4.5m

3 pieces



Crosswise Bolt

6



Hex Bolt 8*60

16 pieces

ACCESSORY BOX CONTAINS:



Stabilizers

4 pieces



overhead roll holder

1 pair



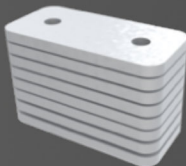
Oil-water Separator with fixing screws

1 set



Air Hose

3meters



Bolts Gasket 3.5cm×6cm

8pieces



Yellow Hooks

1 pair



Hex Wrench M4/5/6/8

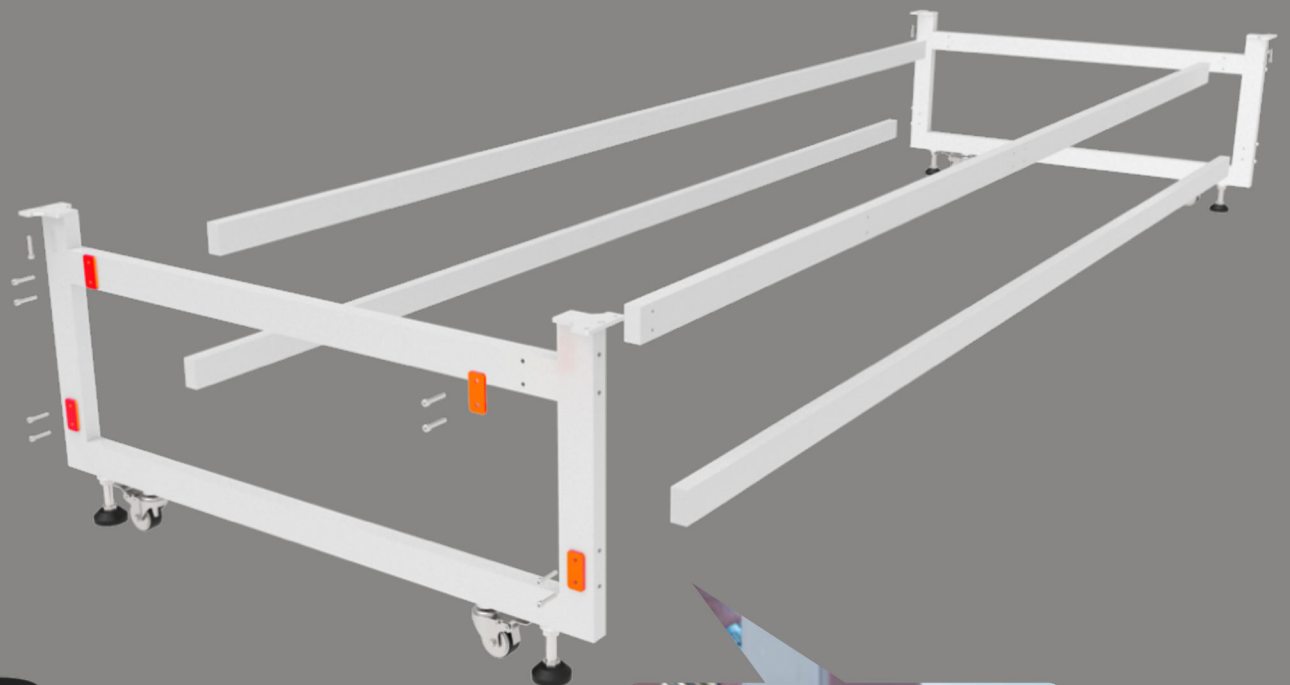
Each 1

Stand Frame Assembly

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

Take out the bolts M-8×60mm, and put the **stands frame** (Remember the stand side with screws for the Gauge should face out) and the **cross bars** (Remember the crossbars side with screws for the side trays should face out) together, then screw the bolts into the threaded hole to fix them.

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



Install the stabilizers to the bottom of the stands first.

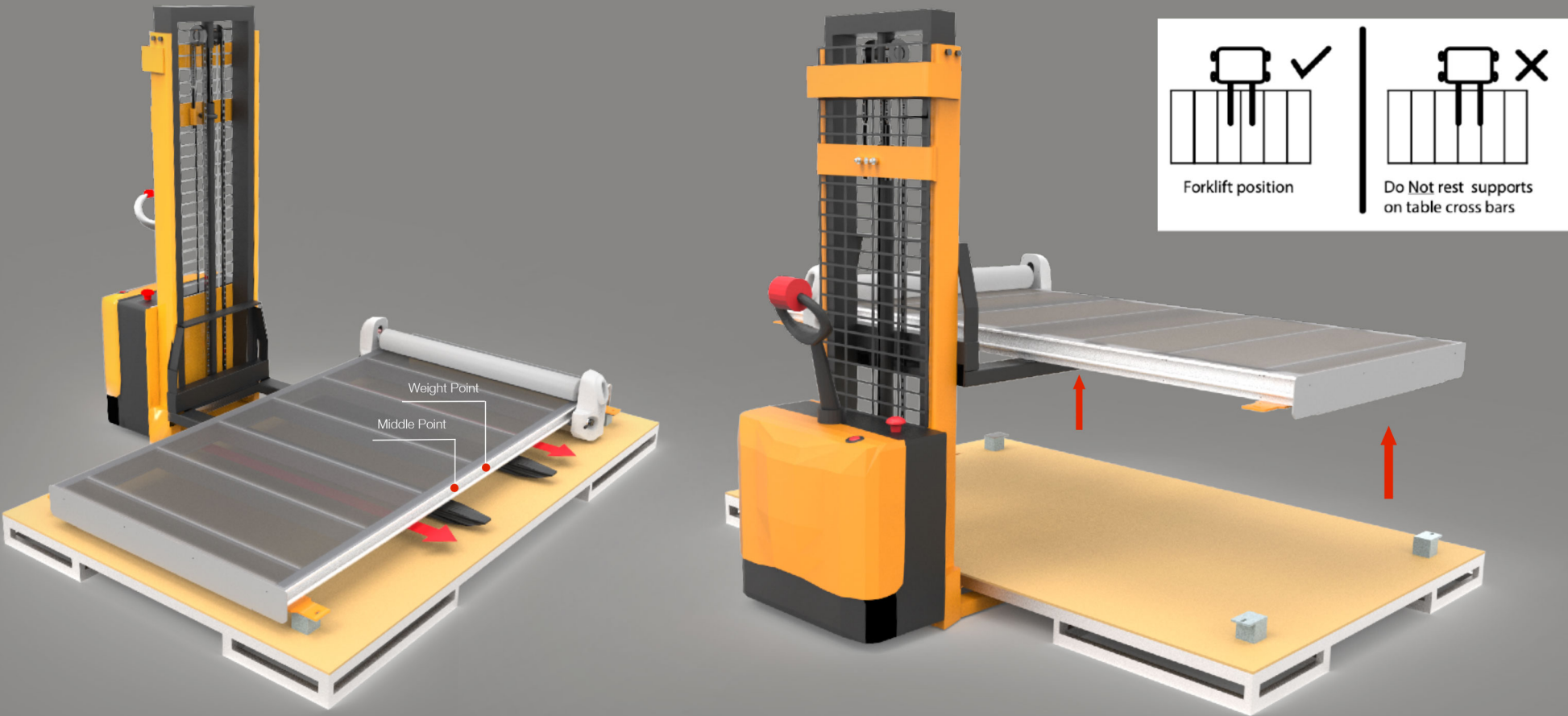
After screwing on the stabilizers, we need use the **Open-end Wrench** to lock the position.

Tools Required: Open-end Wrench

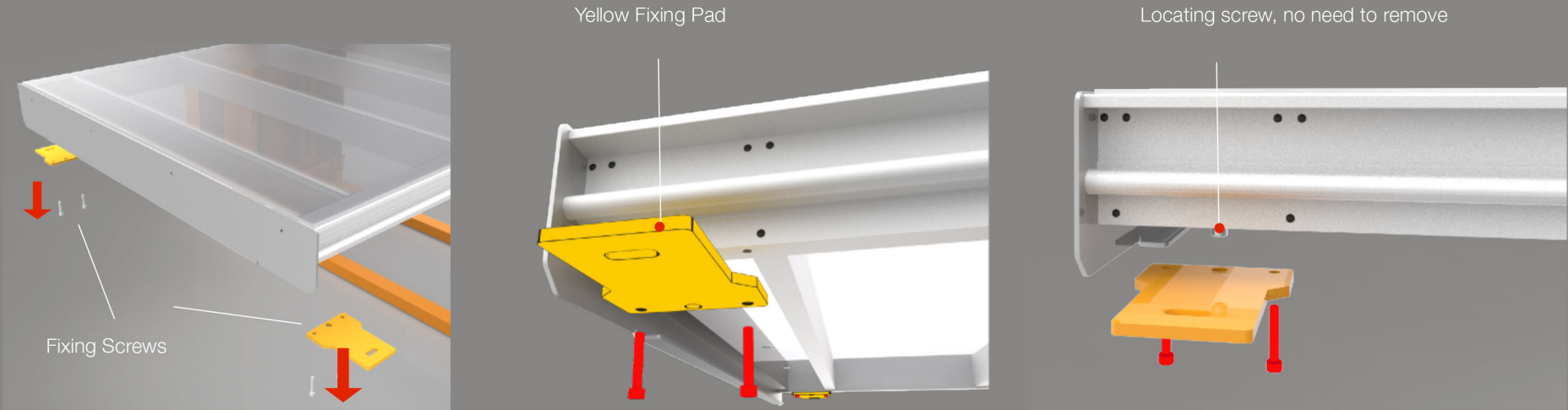
Note: The crossbar with many screw holes along its length must be positioned on top with holes facing out, the holes are for the optional side-trays if you decide to add them.

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 with care. The position of the forks shall be set at the middle near the gantry. Just like the picture shown:

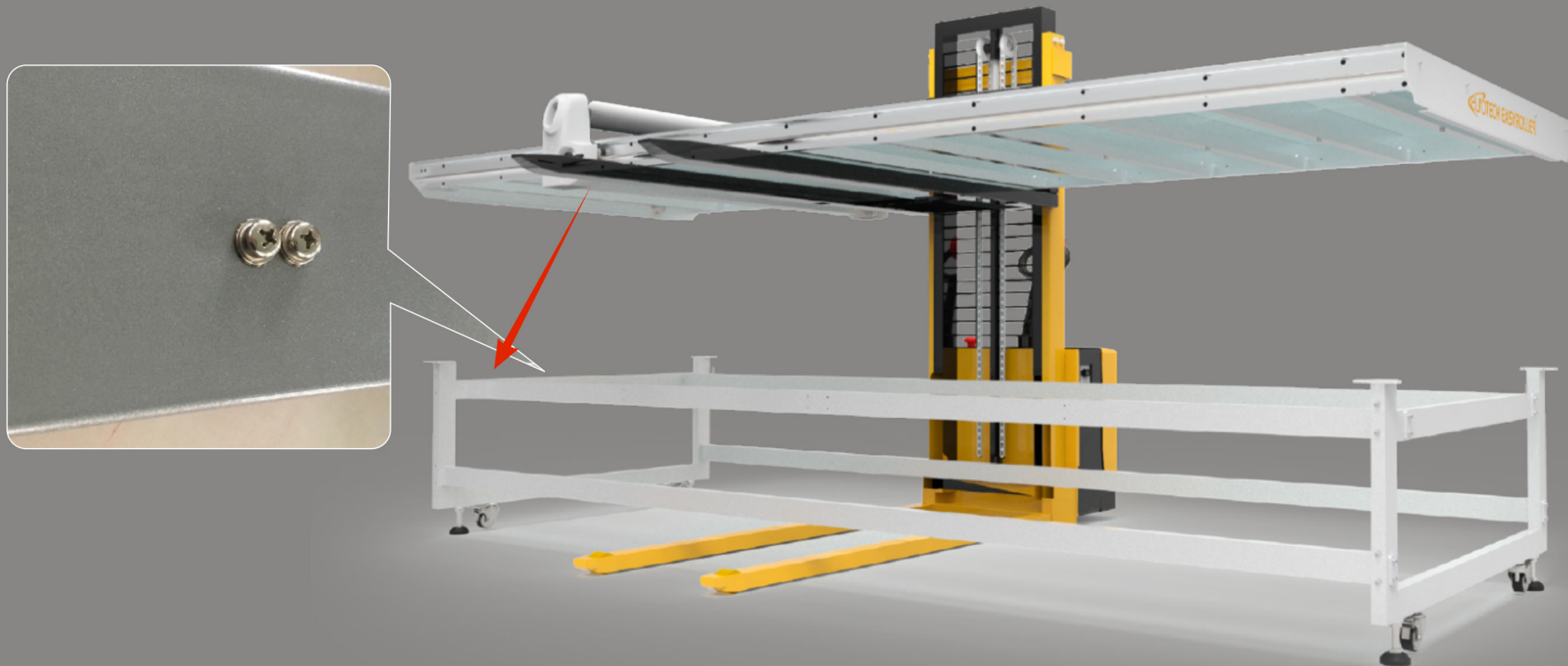


Undo the Allen key bolts holding the yellow plates to the frame of the crate. Yellow plates can be discarded. Note keep the 2 bolts as these are used for the leg frames. Note: Just remove the screws marked in red color as below. The middle screw doesn't need to be removed.



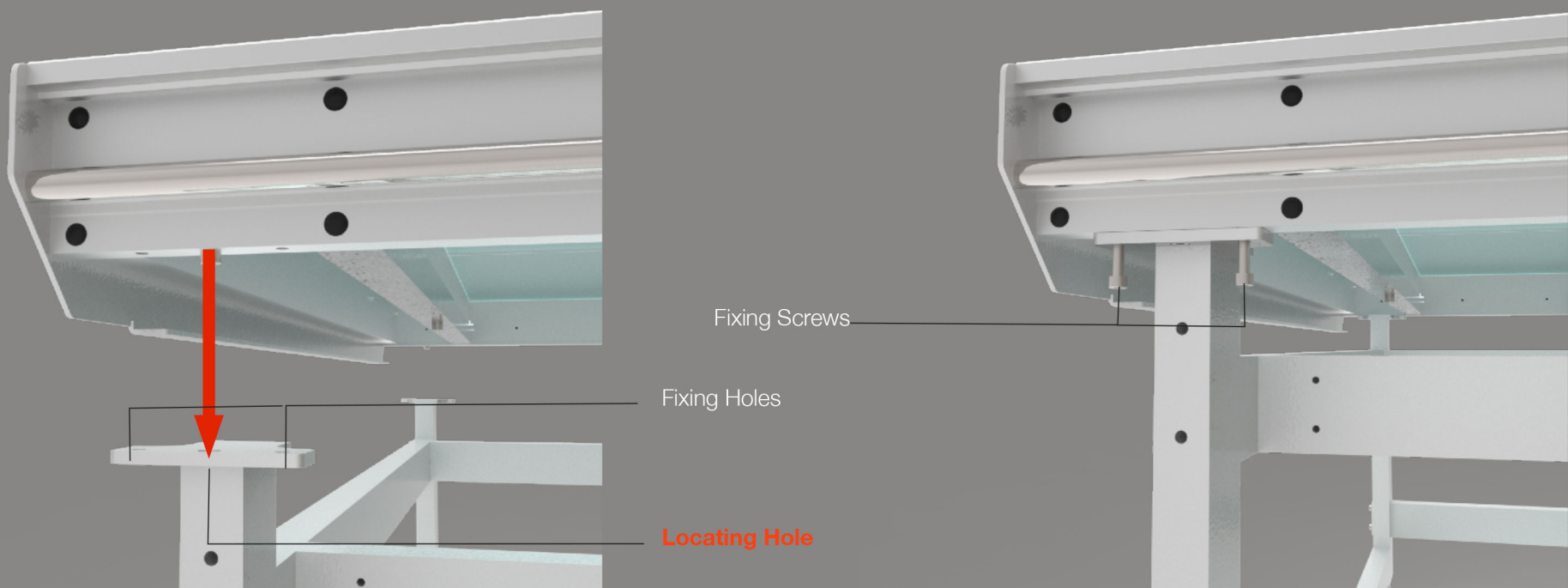
Push the assembled stand frame under the raised table.

Note: The leg that has the 2 small screws needs to be at the end where **the gauge** and pressure adjustment knob, and the 2 small screws need to be in line with the the side where the hoses come out of the gantry, just as below shown:



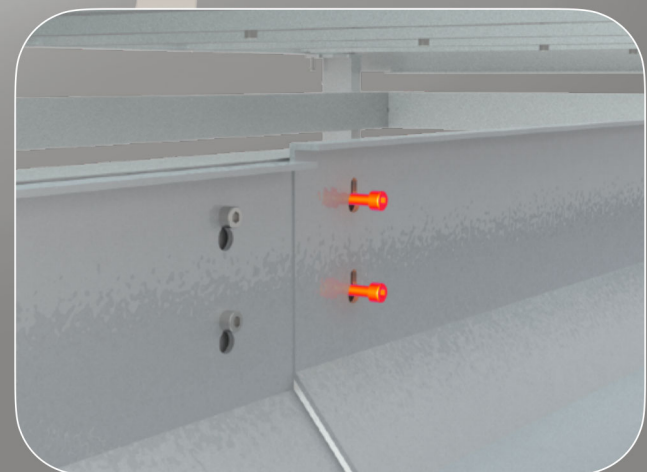
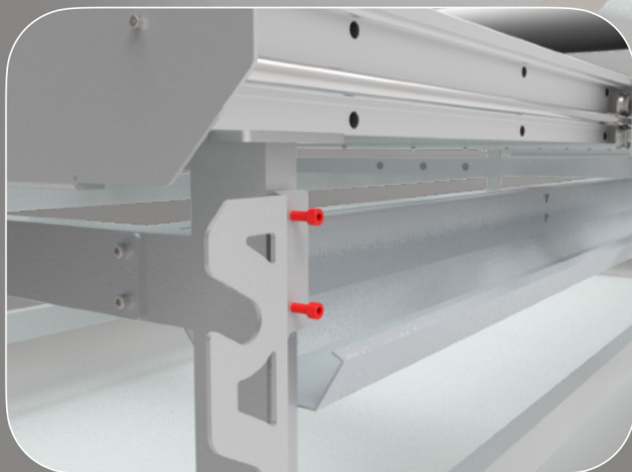
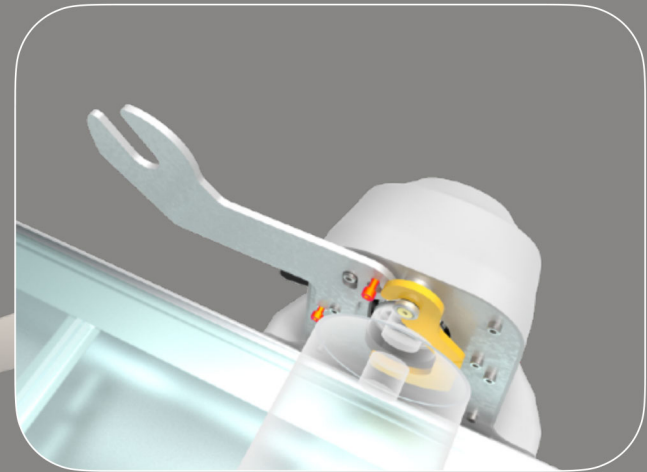
Drop the table carefully to fit into the stand frame's **locating holes**, then screw back the fixing screws, please check the Graphic below:

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



INSTALL THE OPTIONAL ACCESSORIES

Now mount the overhead roll holder. This is held in place with 2 small screws. The yellow mount (see image below) is for holding the roller up off the table.



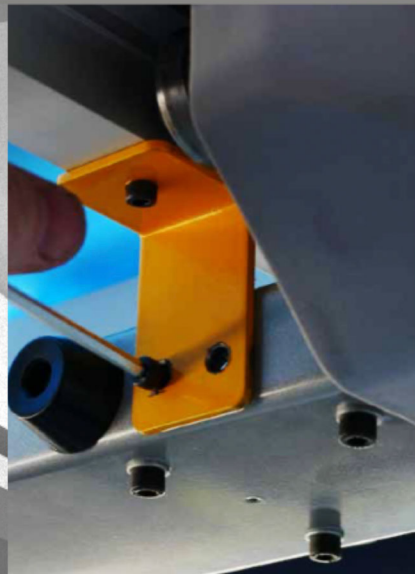
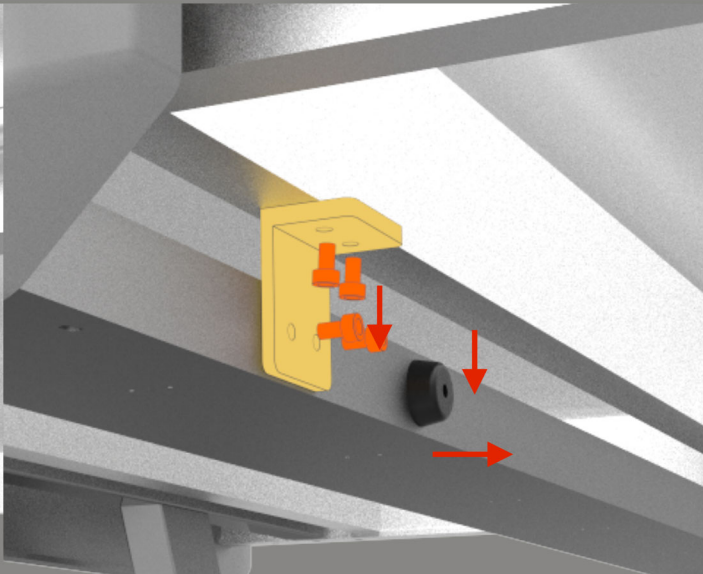
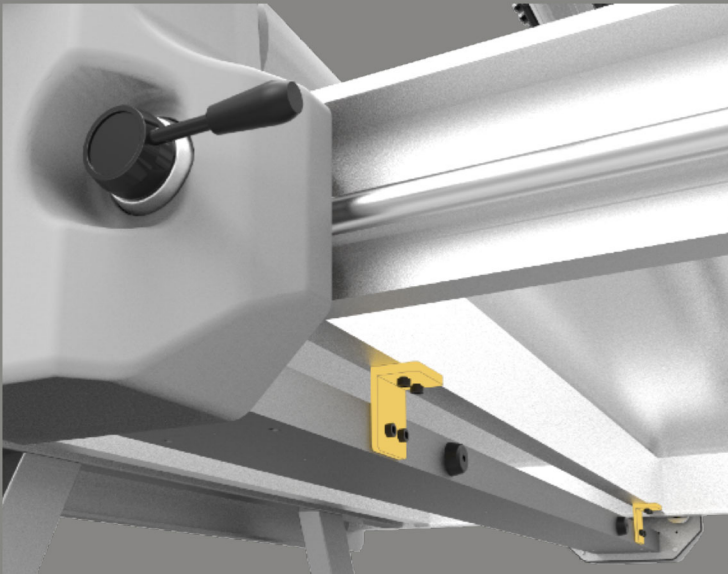
Install the side trays and the Roll rack Pair to the table stand as shown above.

Release **Roller**



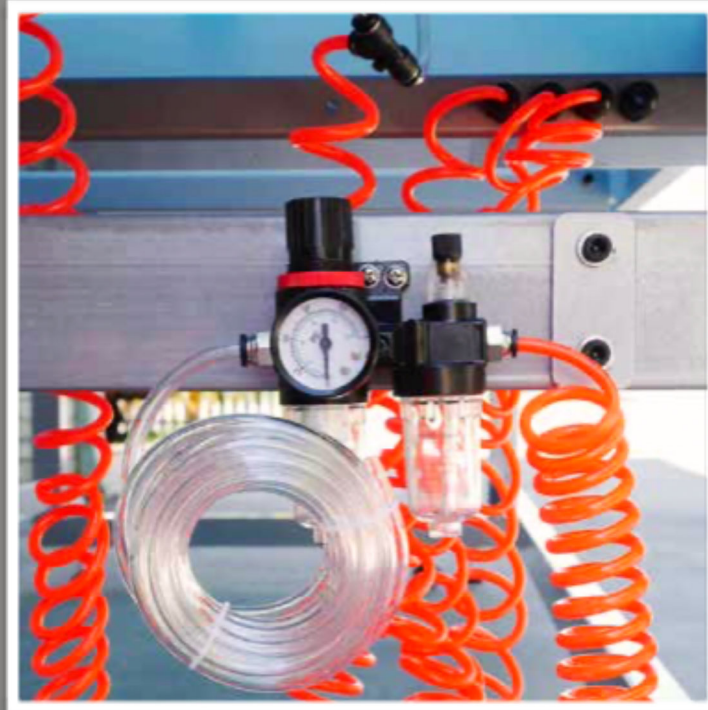
Now remove the Yellow hooks from beneath the roller, we need to use 2 hands to help lift the roller to release the yellow hooks.

Release **GANTRY**

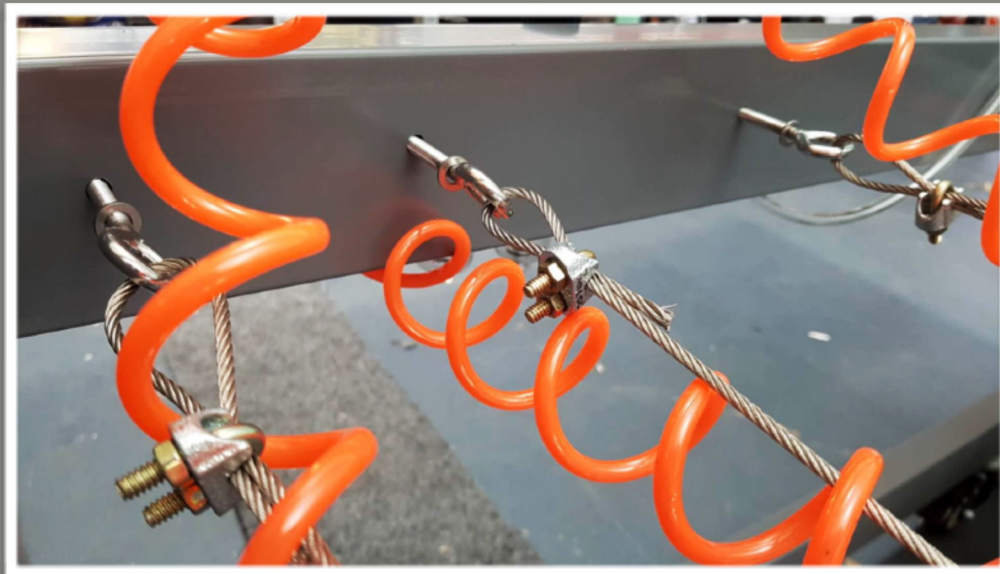


In order to avoid damage during delivery, the roller gantry was fixed to the table by the **Yellow brackets**, so we need to remove them from beneath the gantry.

Link the **Air Hose** to **Air compressor**

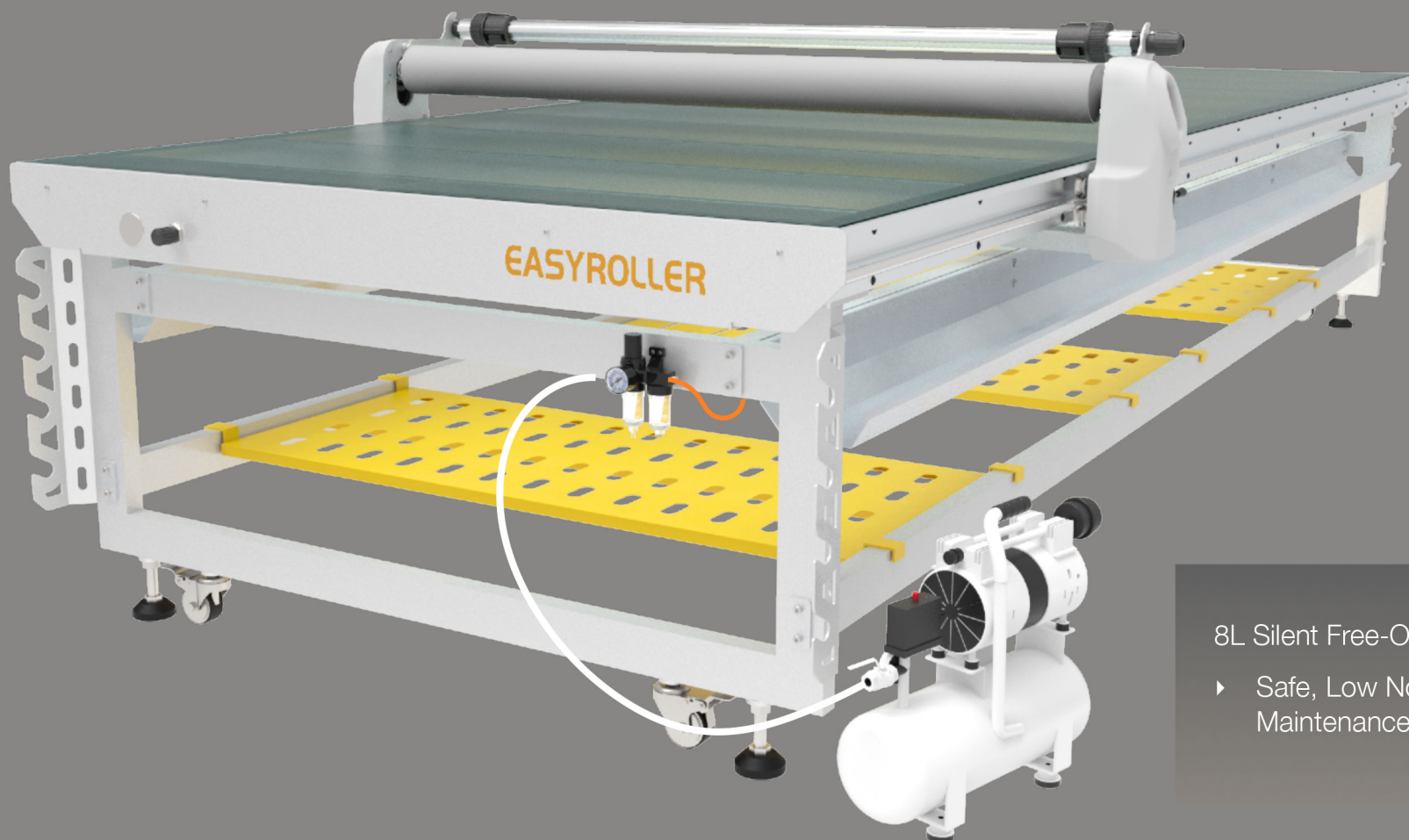


Attach the filter and Mount with screws and attach existing red tubing to the right port. The clear tube is put into the left side of the gauge and connected to the air compressor.



In order to make sure the hoses stay neat, we added three wire ropes under the table to wrap the spring hose on it. We can get the wire-ropes and the Pull-rings from the Accessories Box.

Air Hose Links showing



8L Silent Free-Oil Air compressor

- ▶ Safe, Low Noise, Oil-free and Maintenance free

Black Knob

Mix the Oil-vapor
into the Air

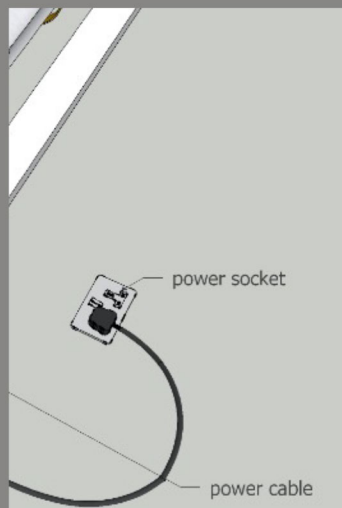
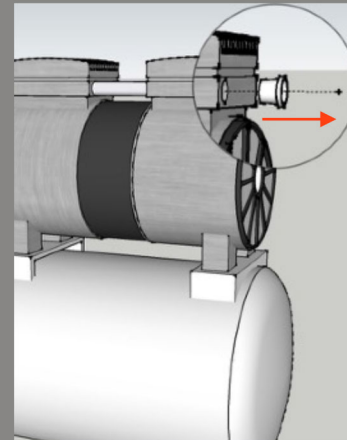
Separate the Moisture
from the Air

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 is as follows.

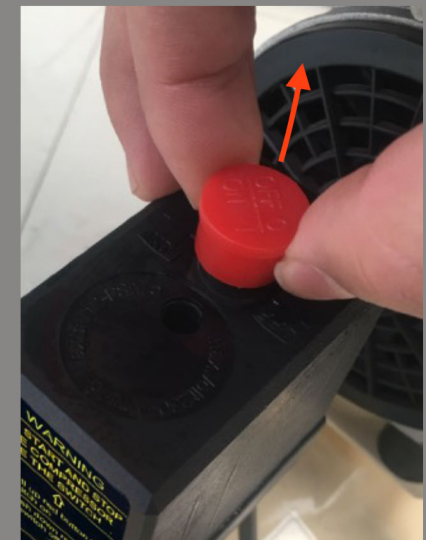
Start Using EASYROLLER

- Take out the **white plastic stopper** from the Air inlet.
- Ensure the **red hand valve** stays at the position shown.



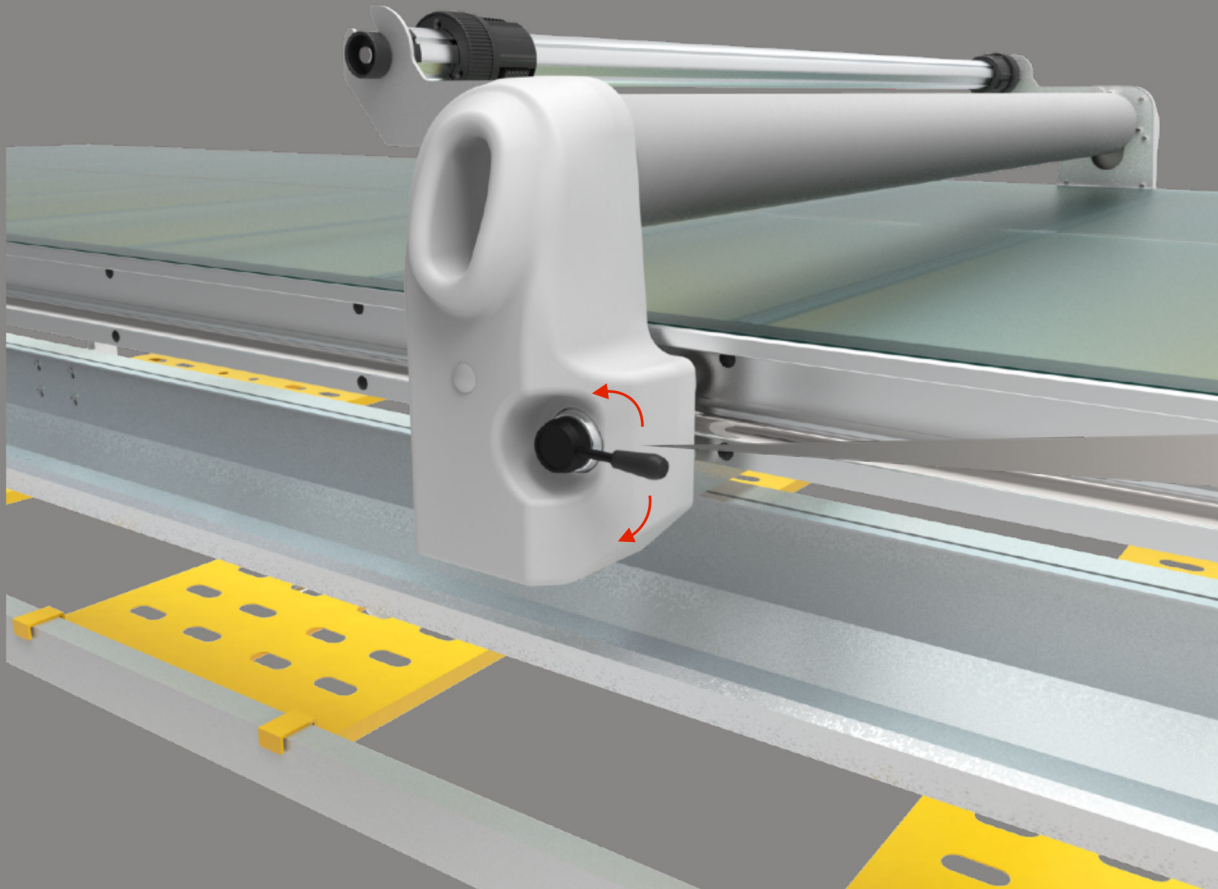
- Ensure the **Red button** on the top of the air compressor stays pressed down.
- Then we plug in the power for Air compressor

- 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 comes to around 0.8Mpa.



- Twist the **Red handle** valve to the position shown, releasing the compressed air into the table lifting the roller.

How to operate the table during use?

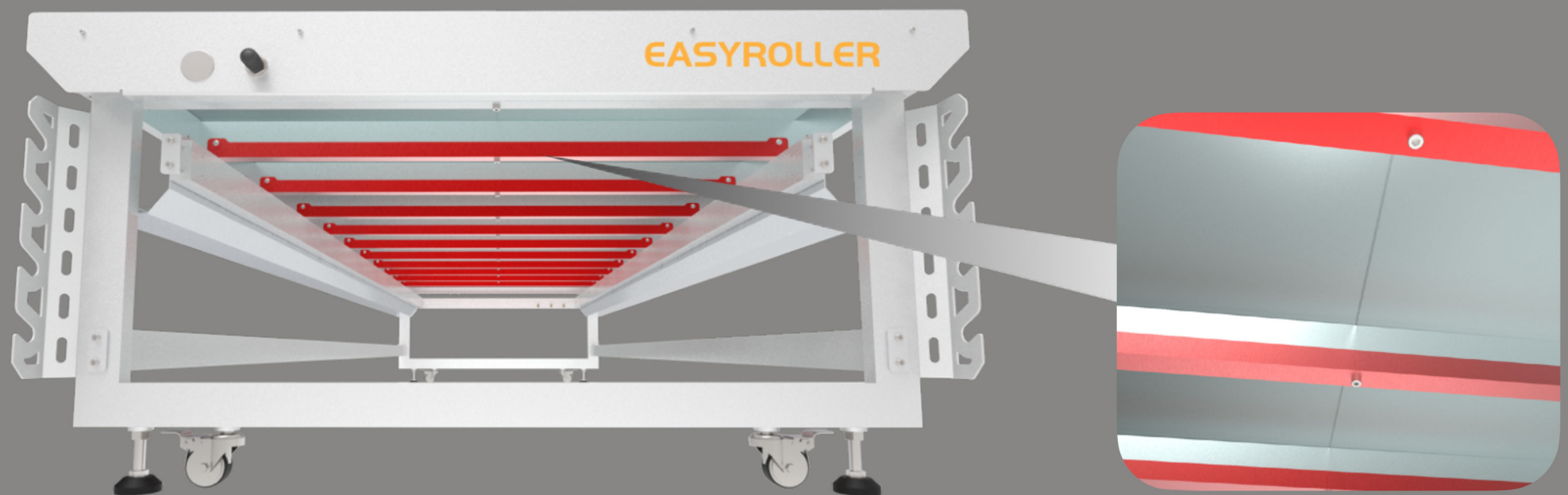


- Twist the **handle valve** Up & Down to control the roller lifting and dropping.
- Note the side that is not being used must remain in neutral.

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



Is the table top level?



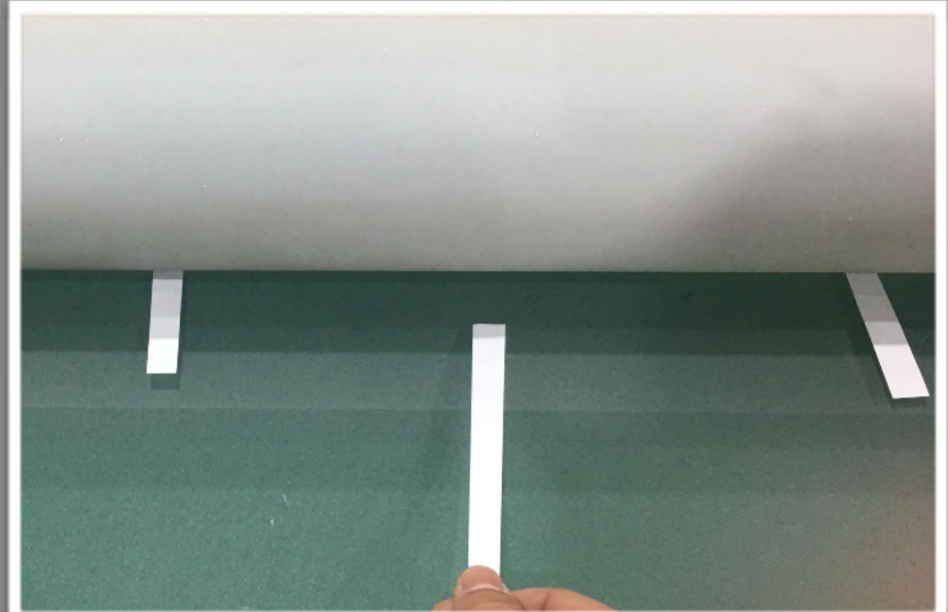
Leveling structure location: The steel bars attached under the table frame, there is a screw in the center.



Cut 8 strips of A4 paper
Put the strips on the glass top and align with the beams under the glass. (See above image.)



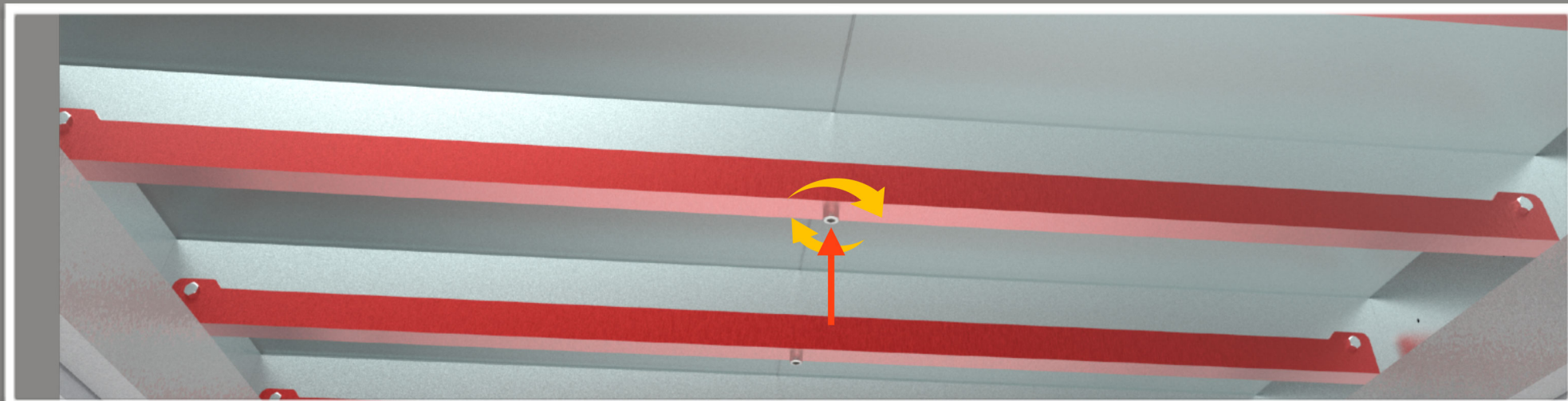
Lift and move the roller above the strips, then drop it down to apply pressure.



Pull to test and adjust until tight. To adjust (See next page)

Pull the strips of paper to test, If it is tight then contact between the roller and glass top is ok.
If it is very easy to pull out, that part of the glass surface is not level.
Adjust the bolt built under the beams to lift the glass surface to level.

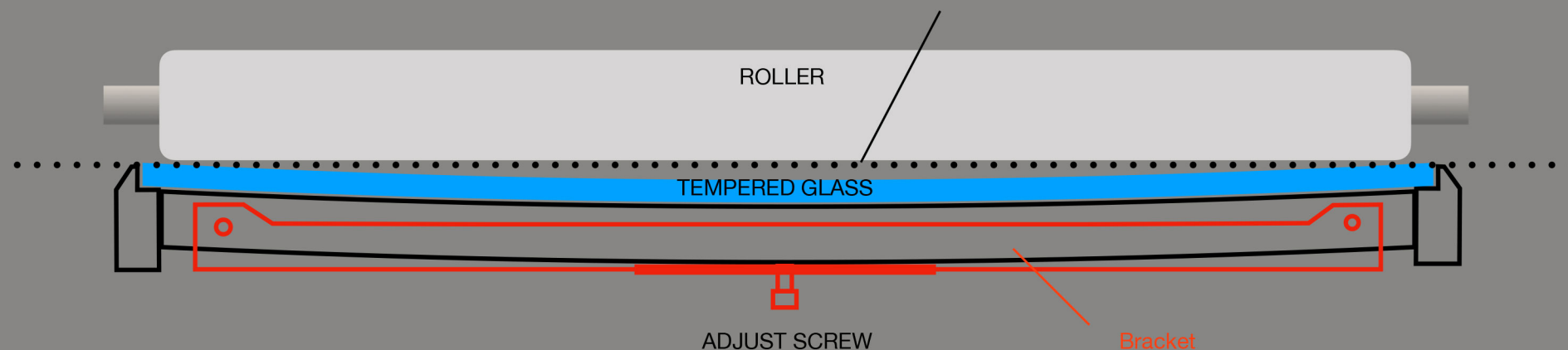




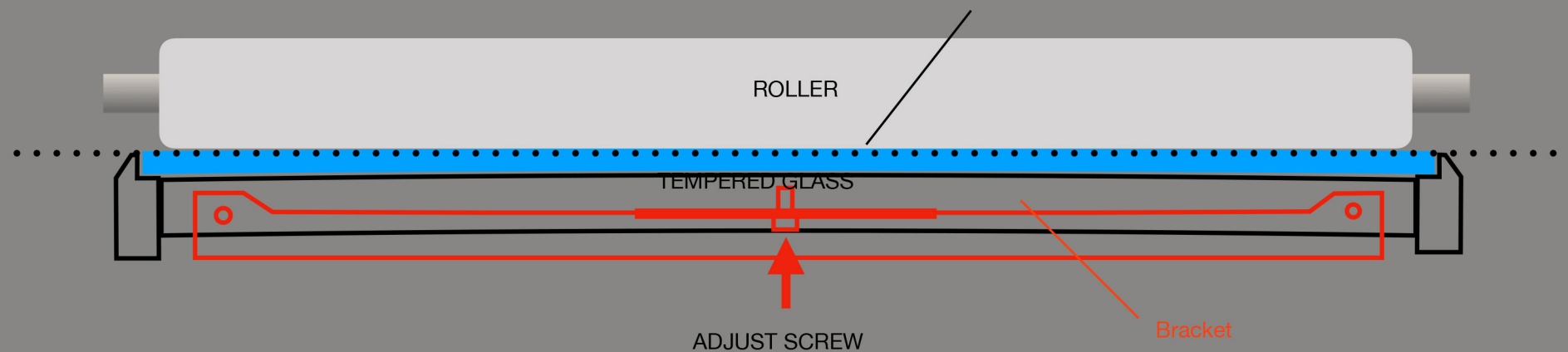
Screw the bolt in a clockwise direction to lift the glass if low,
Lift and adjust until all the strips of paper become difficult to remove.

PRINCIPLE

Example of a gap between the roller and glass surface.



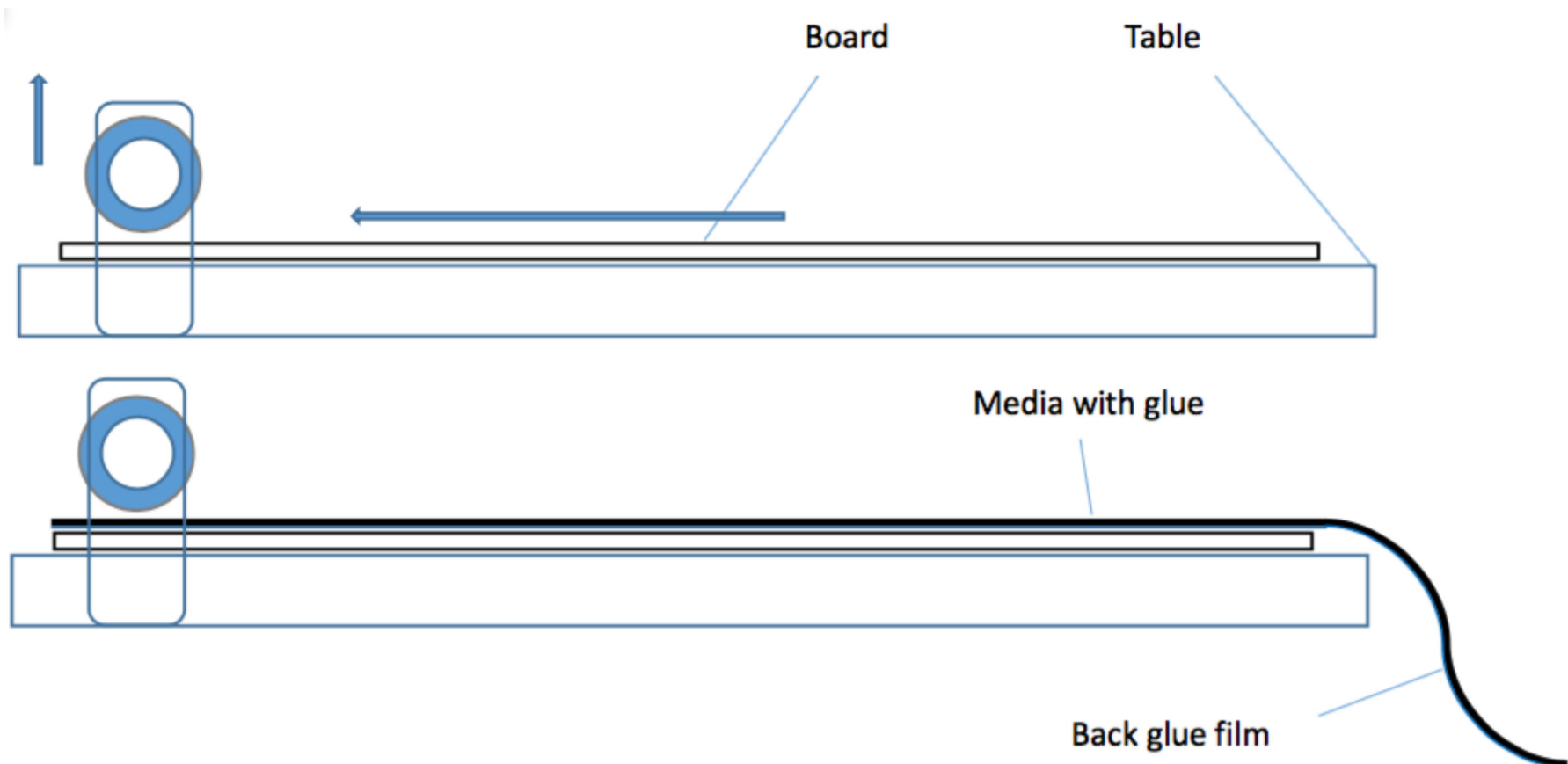
Level the gap after adjusting the screw under the beam.



QUICK STEPS TO TEACH YOU HOW TO USE THE EASYROLLER

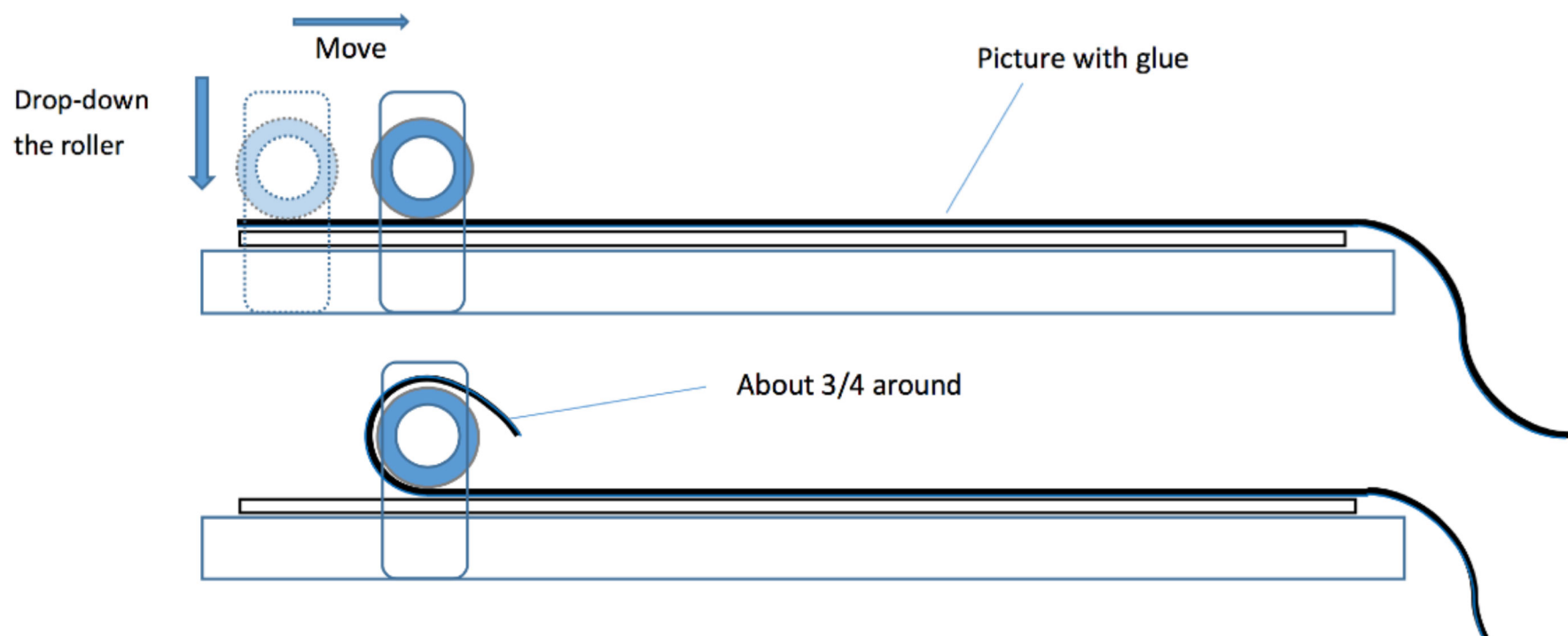


1. Twist the **handle valve** Up/Down position to lift up the roller, then put the board on the table and put under the roller, adjusting it to the appropriate location.

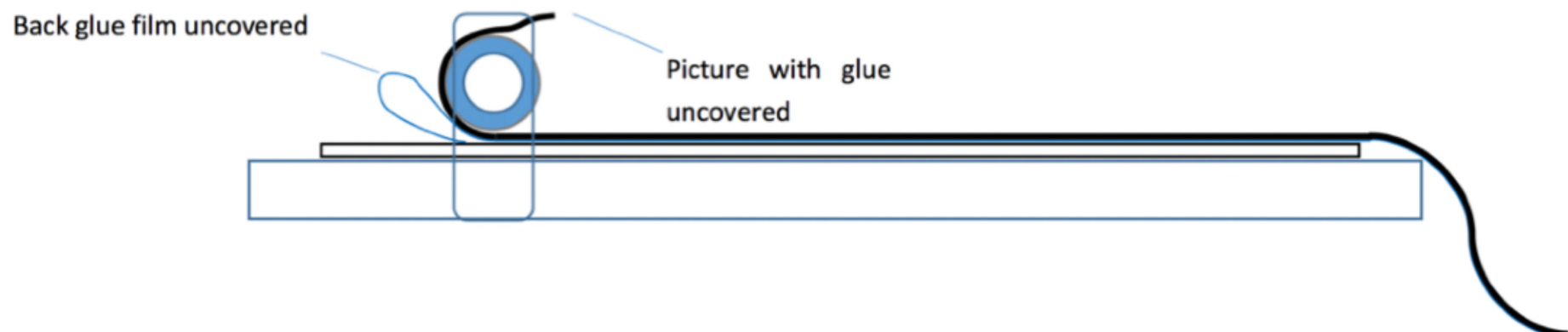


QUICK STEPS TO TEACH YOU HOW TO USE THE EASYROLLER

2. Layout the media with the adhesive on the board in the desired position
3. Lower the roller with the lever down onto the media and then move the gantry to leave a certain amount of media exposed at the end. Pick this up and fold it around the roller approx 3/4 of the way as shown below:

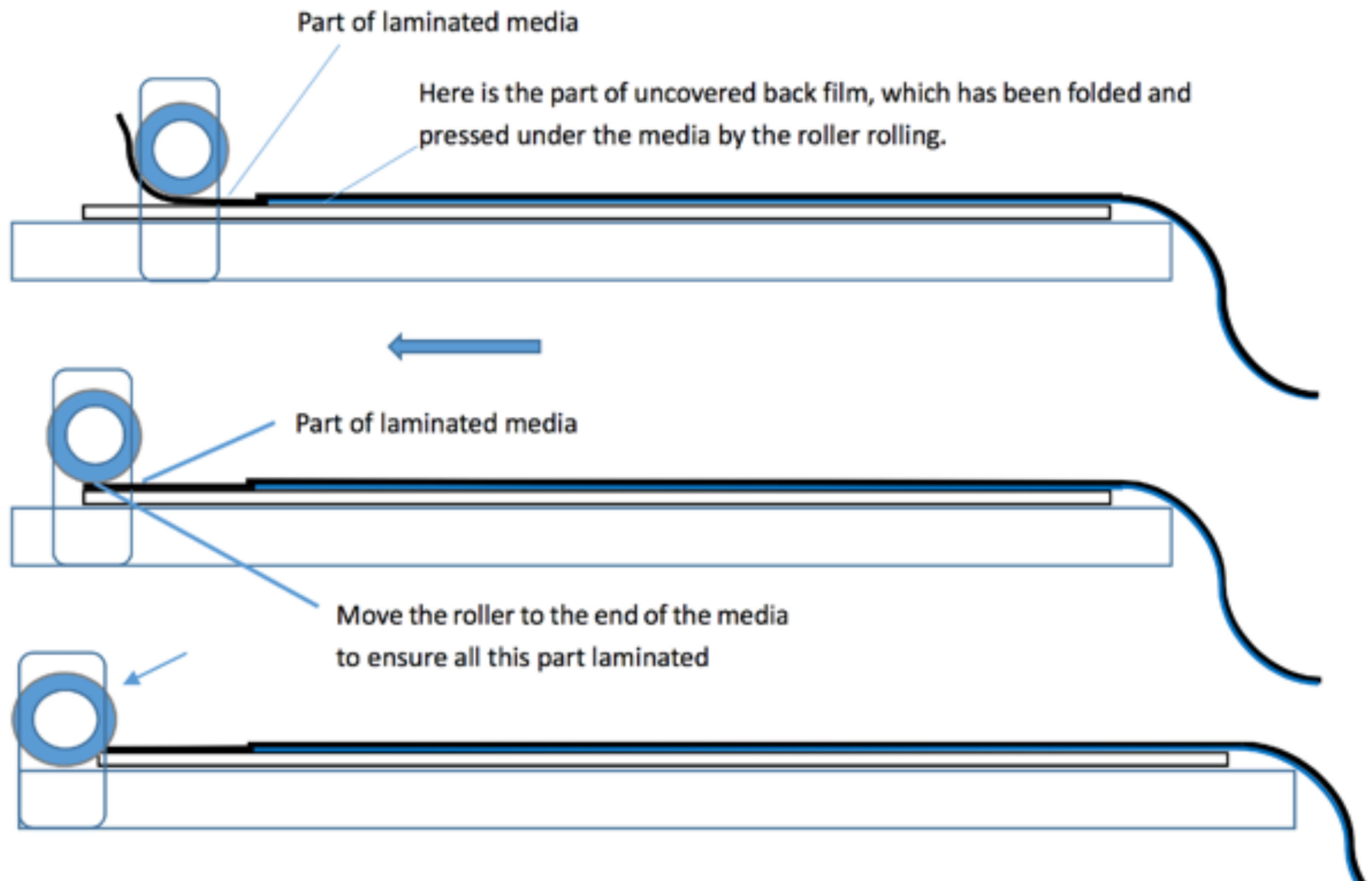


4. Remove the film from the section over the roller and fold it back down ensuring the uncovered section stays on the roller.



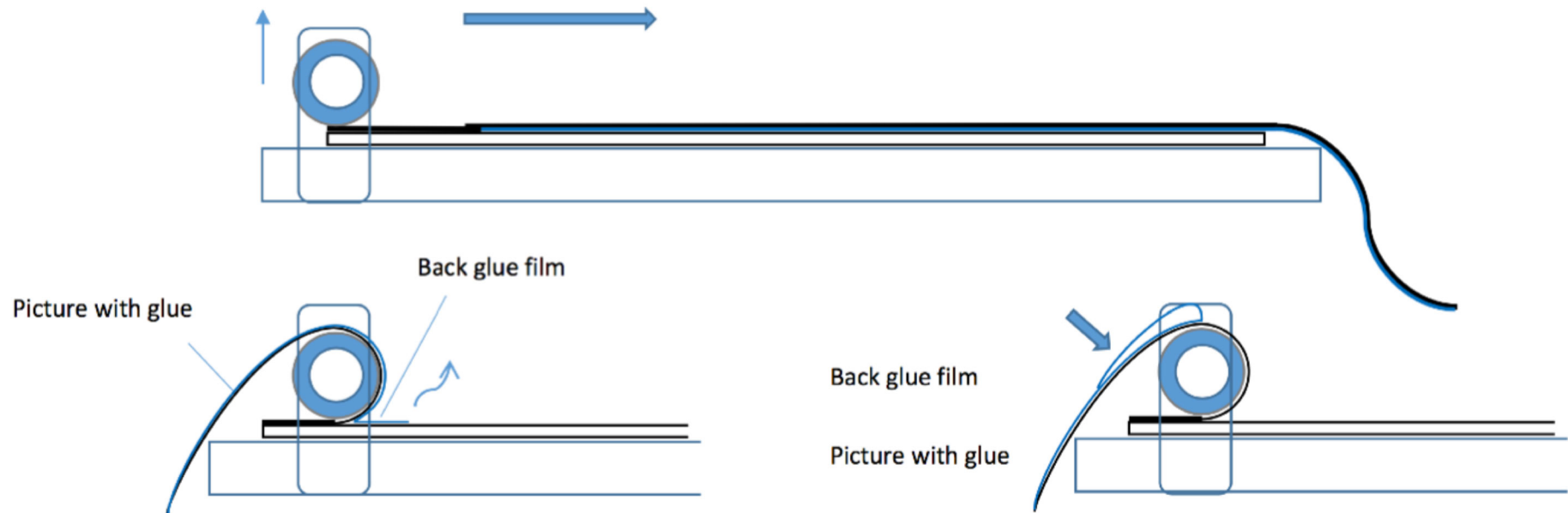
QUICK STEPS TO TEACH YOU HOW TO USE THE EASYROLLER

5. Move the roller back over the uncovered section making sure it is perfectly applied.



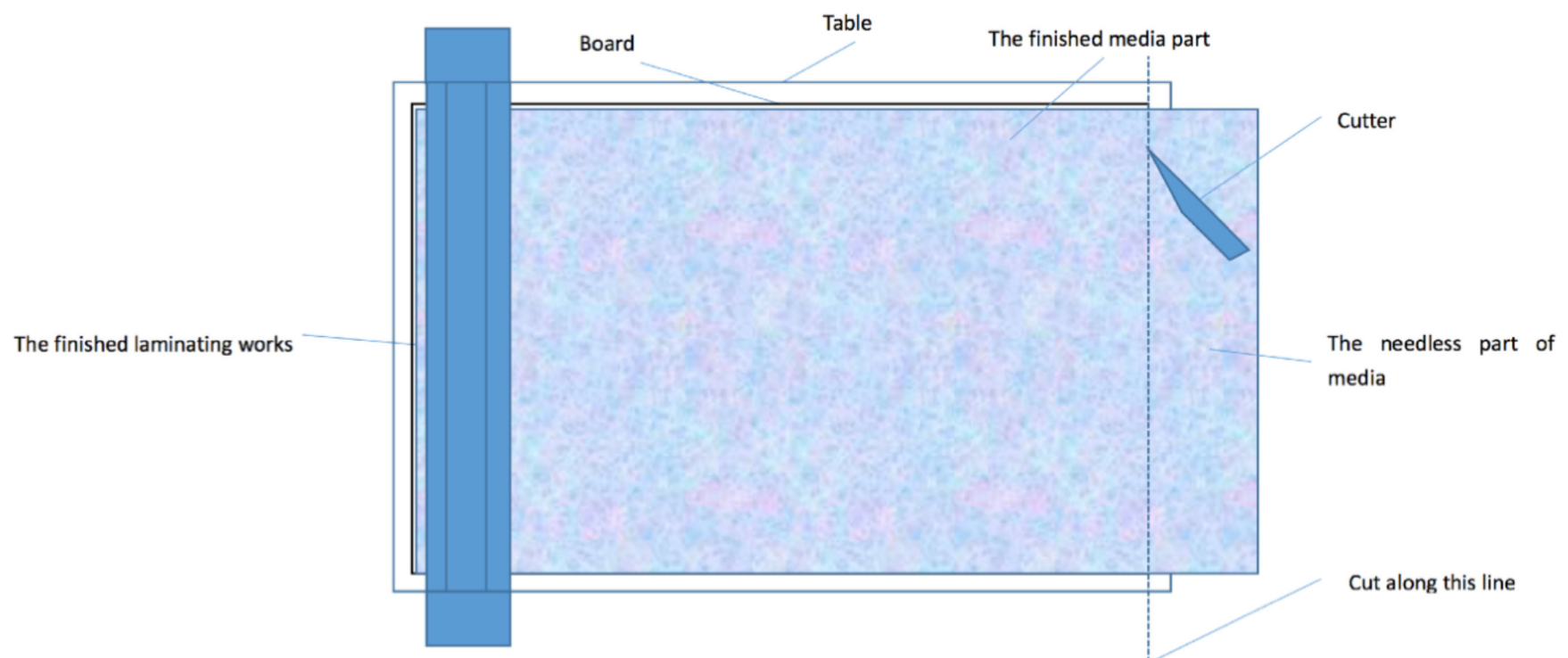
QUICK STEPS TO TEACH YOU HOW TO USE THE EASYROLLER

6. Move the roller back over the applied media then pull up the other end of the media back over the roller.



7. With one hand push the gantry to move the roller while the other hand removes the backing keeping up with the roller. Practice will increase the skill and speed of the application.

Remember it is important when starting this step that there is no gap between the roller and the film, if there is it can cause the vinyl to skew or create air bubbles.

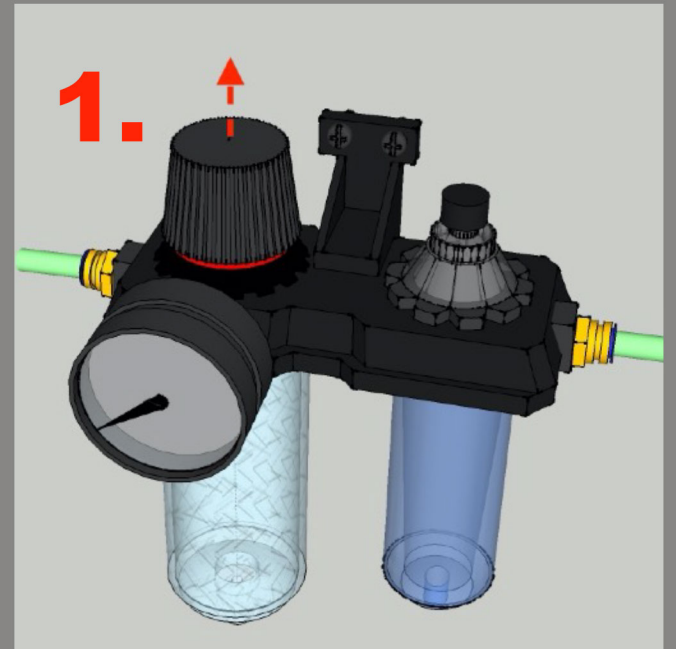


HOW TO ADJUST THE ROLLER PRESSURE

- ▶ The factory setting is 0.4MPa
- ▶ This can be altered as required but generally this setting is universal for most substrates.

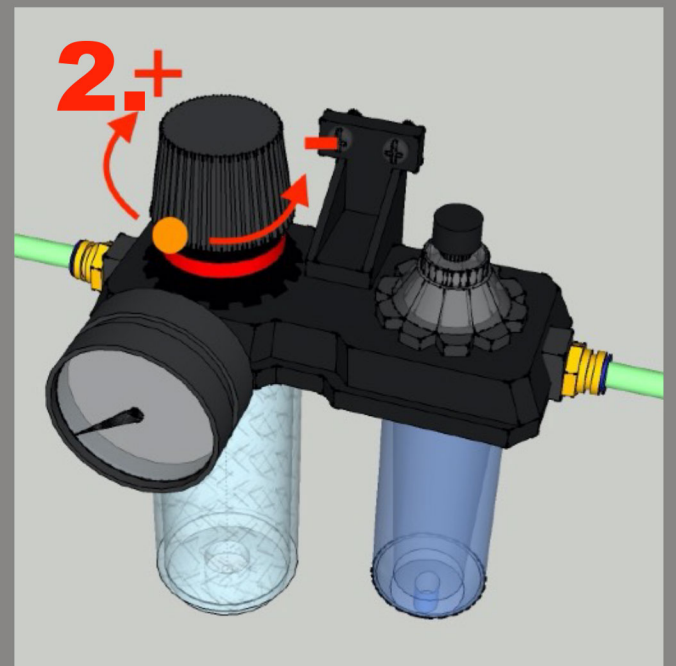
1. Increasing the air pressure:

- ▶ Pull up the black knob until it clicks into place. Then rotate the knob in a clockwise direction. We will then see a rise in pressure. After adjusting push the knob back down until it clicks.



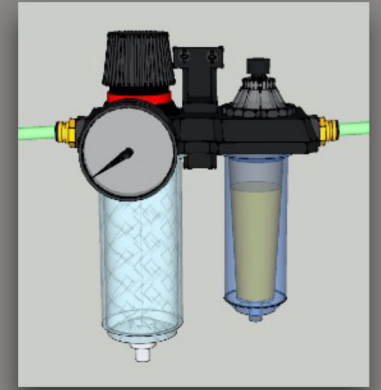
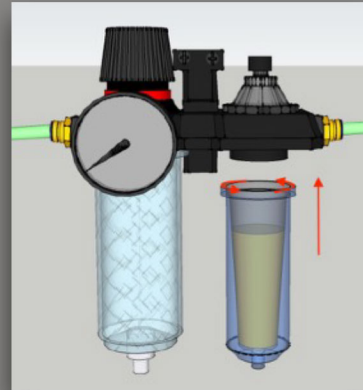
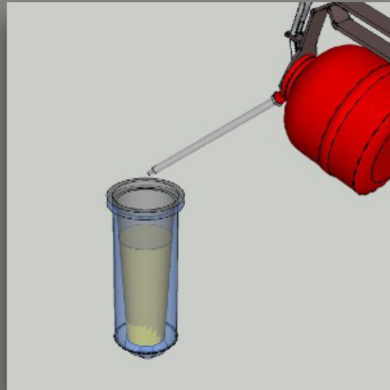
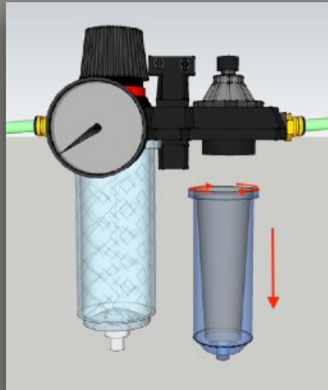
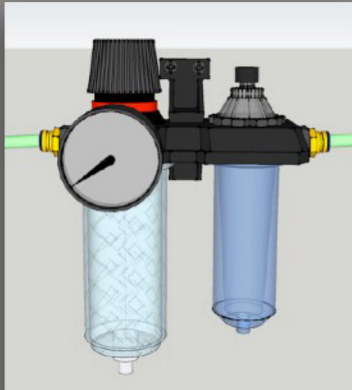
2. Reduce the air pressure:

- ▶ Pull up the black knob until it clicks into place. Then rotate the knob in an anti-clockwise direction. We will then see a drop in pressure. After adjusting push the knob back down until it clicks.



Routine maintenance for the EasyRoller

- ▶ The first time the applicator is used lubrication oil should be added to the air regulator. This has been done by the manufacturer however this should be maintained to lengthen the life of the regulator.



- ▶ After a lengthy period of time water will collect in the separator and will need to be drained.
- ▶ Regularly clean the roller with water or ethyl alcohol. Do not scrub the roller with cold water when the roll is hot as it could cause cracking and shorten the life of the roller.
- ▶ Avoid using sharp tools and objects near the roller as small cuts can soon ruin the roller.
- ▶
- ▶ When the machine is idle for an extended period of time use the yellow hooks to hold the roller above the table to protect it from deforming.



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. The Easyroller has a 3 Year Guarantee. We provide complete technical support and service life-long!

CONTACT

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