



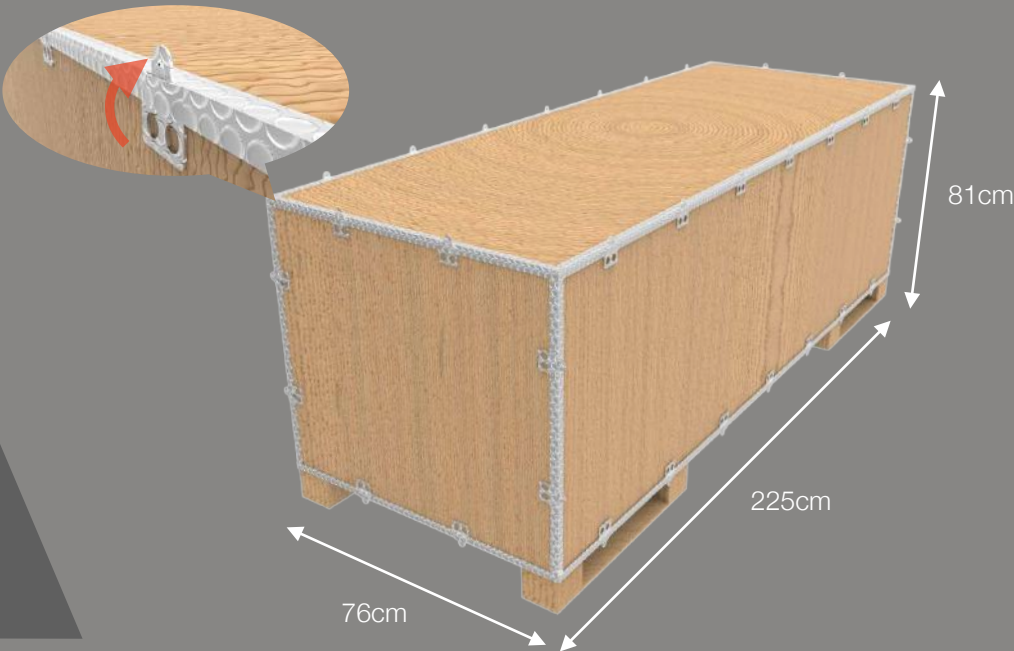
# Roll to Roll laminator **User Manual**



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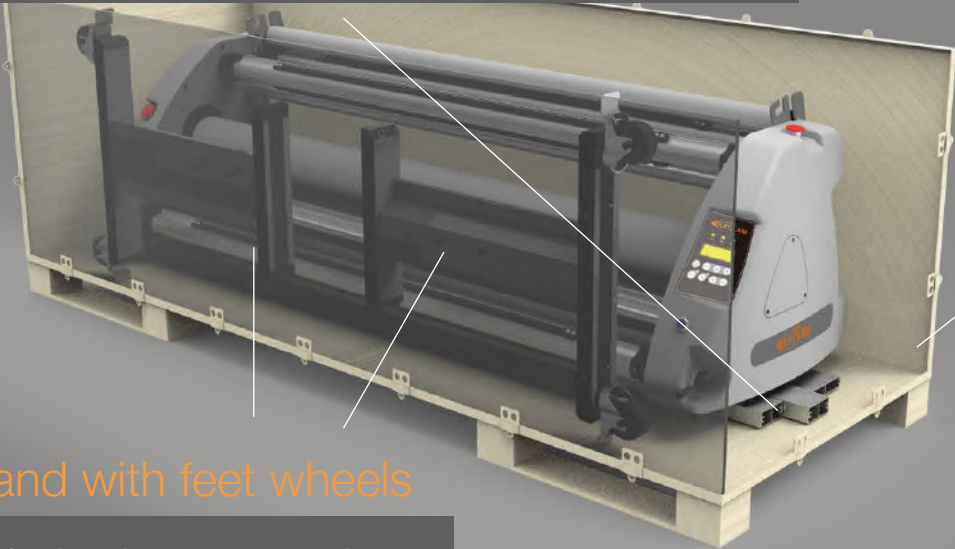
# PACKING INSTRUCTION

The Package is made of Steel buckle box and Plywood board, free of Fumigation.  
The package dimensions:  
  
225cm×76cm×81cm  
  
The box shall be disassembled by loosening the buckles around the edges.  
  
Tools Needed: Hammer、 Flat Tip Screwdrivers



## Stand connection Beams

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

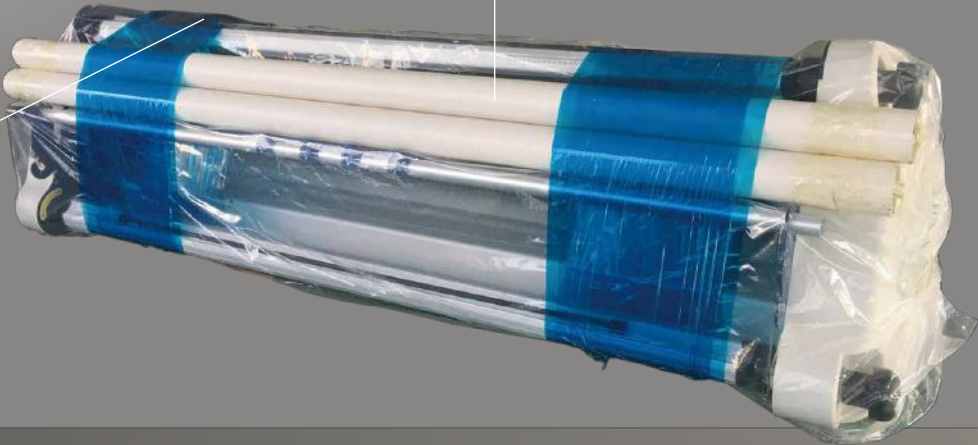


## Air compressor

Packed together with Main machine, fixed by belt from the bottom, we need cut off the belt to release the air compressor from the bottom. Then take the compressor out.

## Heating Elements

Packed inside of PVC tubes, fixing by the blue packing film. The machine just install one unit, the other one is for standby.



## Stand with feet wheels

Fixed on the front part of the wooden case by two bolts. We need remove the bolts first to release the stands.

## Power Cable

Fixing by the blue packing film.

- Release Main machine from the package bottom:**
1. Cut off the belt fixing the **Main Machine**, and release it out of the package.
  2. Cut off the belt fixing the Stand connection beams at the bottom, and pull the beams out and put aside.
  3. Remove all the walls of case.



ACCESSORY BOX CONTAINS:

HEXAGON SOCKET BOLTS M-8×16 mm	12 pieces
Round Shim φ8×1.5mm	4 pieces
Open end wrench 8mm	2 pieces
Nuts M8	4 pieces
Inner hexagon wrench No.3/4/5/6	1 piece/each
Bolts Gasket 3.5cm×6cm	4pieces
Fuse/15A	1 piece
Fuse/1A	1 piece
Oil-water Separator with fixing screws	1 piece
Feet Pedal	1 piece
Big Fraction Pad	2 Pieces
Small Fraction Pad	2 Pieces
Air Tube 5×8mm	3 m
U-shape Shell(Standby)	2 Pieces
Tension Knob	2 pieces
Slitting head	1 piece
Power Cable	1 piece

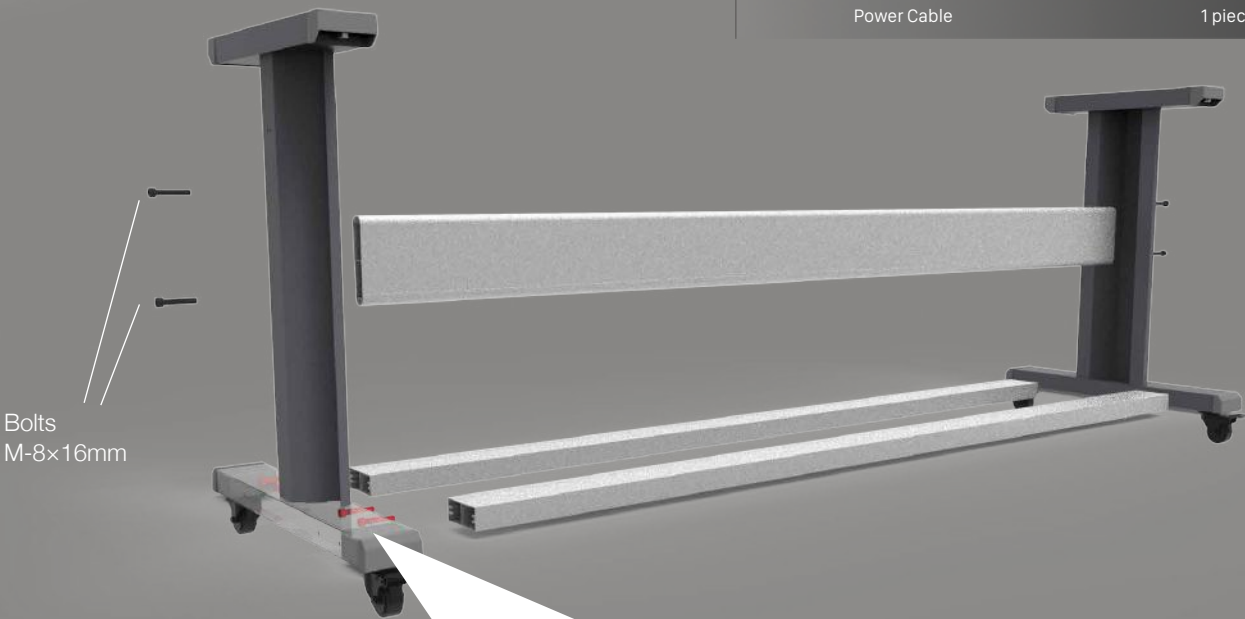
Stand Frame Assembly:

Assembling the **stand frame** is the first step to built your laminator.

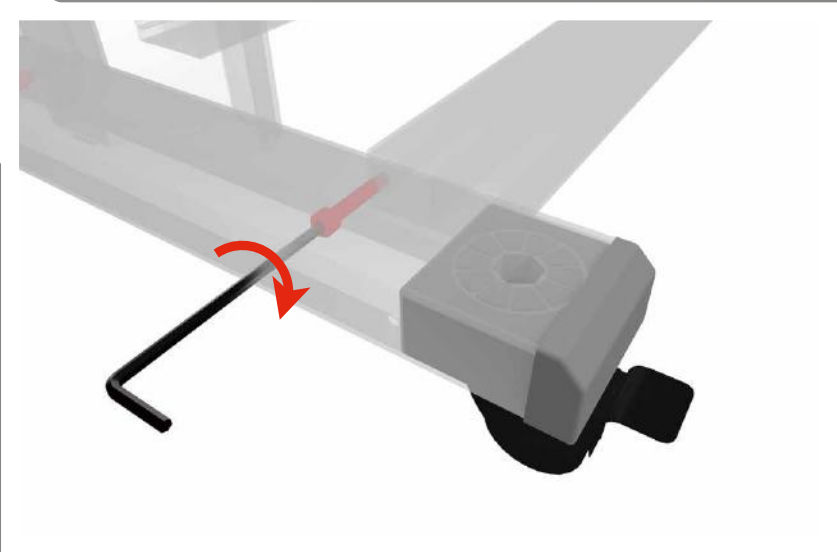
Both of the **Stand frames** are totally the same, which could be assembled at will.

Take out the bolts M-8×16mm, and put the **stands frame** and the **stand beam** together, then screw the bolts into the thread hole.

Note: PLEASE FASTEN THE BOLTS THROUGH **THE HOLES** AT OUTSIDE **OF STANDS** WHEN INSTALLING. Just like the close-up shot showing.



Bolts  
M-8×16mm





# INSTALL THE MAIN MACHINE

We need four person to raise the main machine up from the package bottom. Take care for the holding position, better on the main frame/table. Just like the yellow points showed:



Note to align the four fitting holes on top of stands when dropping.

Then screw the nuts back to fixing the machine fitting.

Fixing Nut

# DIAGRAM OF WHOLE MACHINE

- Take-up Rod
- Liner Collecting Shaft
- Upper Roller
- Prints Loading Shaft
- Control Panel
- Handle Valve
- Water-Oil Separator



- Film Loading Shaft
- Lower Roller
- Tension Knobs
- Finishes Collecting Shaft
- Feet Pedal Connector
- Overhaul Window

# INSTRUCTION OF CONTROL PANEL/BACK PANEL



- \* **Hot light:**
  - ◆ lighting means the machine roller working under hot state
- \* **Cold light:**
  - ◆ lighting means the machine roller working under cold state
- \* **Ready light:**
  - ◆ lighting means the roller surface temperature has reached the set value
- **Hot/cold switch:**
  - ◆ Control the switch of hot/cold model
- **M/A switch:**
  - ◆ under Auto model, the machine can keep running at the speed set;
  - ◆ under Manual model, the machine is controlled by the feet pedal.
- **Forward/backward switch:**
  - ◆ Control the direction the roller running, usually used during film installing.
- **Speed adjust button:**
  - ◆ Just adjust the working speed

## ➔ About setting:

Press the **Set** button for first time, we will enter the temperature setting environment, here we can set the temperature of laminating.

Press the **Set** button for second time, we will got the interface of inputting the code, this is by our factory, ignore it please.

Press the **Set** button for third time to end up your setting.



- **Power Switch**
- **Fuse 1A box**
- **Fuse 15A box**
- **Power Cable**
- **Connector**

# Further advises for installation:

## Power Supply

The connection sockets have to be close to the machine.

- AC voltage 200 V – 230 V
- frequency: 50 – 60 Hz
- strength of electric current: 8A

## Location

The location to place the machine must provide enough space to work. Don't forget that space is also needed to insert and remove the material. Please consider the dimensions of the pictures and sheets used.

## Place

Prepare a flat location suited to the size of the machine and also consider its accessories.

## Lighting

Good lighting (300 – 600 lux) is indispensable to operating and maintaining the machine safely.

## Room properties

The laminator has to be placed in a closed room and has to be protected against weather effect.

- Permissible room temperature: 18°C to 35°C.
- Humidity range permitted: 30% to 80%

## Electricity connection

Check that the electrical supply corresponds with the machine performance.

With connecting to the electricity supply, the laminator must be earthed.

To connect the laminator with electric supply system:

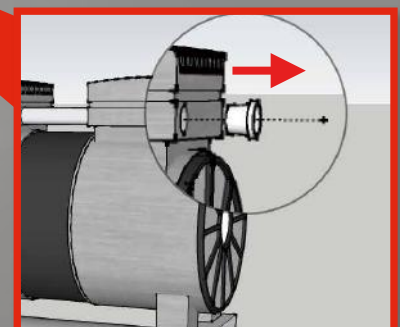
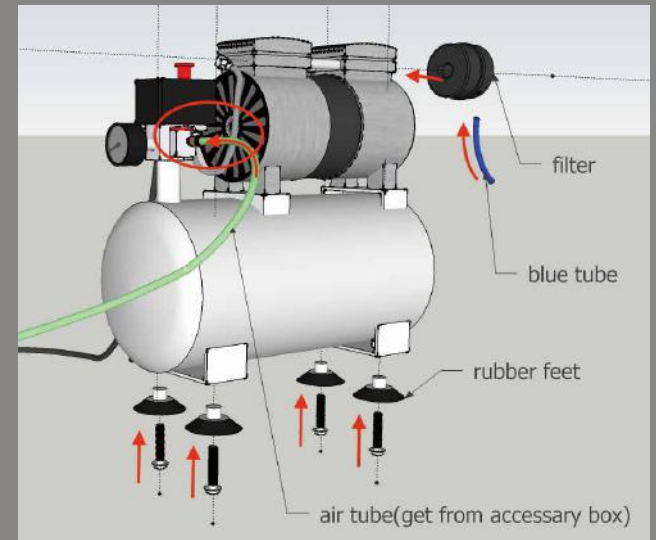
- Interrupt the current supply.
- Connect the connection cable to a suitable plug or directly to the main (capsule rail, junctionbox, etc.).



# CONNECT THE AIR COMPRESSOR

- Take out the air compressor from the package, install four units of rubber feet.
- **Take off the white PVC plug on the cooling fin block**, twist the black filter into the hole, then plug the blue tube into the hole at the bottom of the filter.
- Take out the air tube from the accessory box, then plug one end into the interface on the compressor, the other end into the interface on the water-oil separator on the machine leg.
- Plug the power cord into the socket.

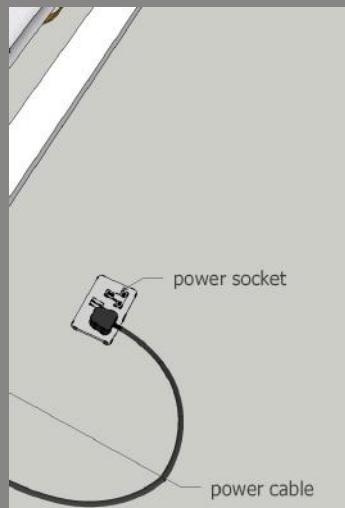
✦ **Air compressor connection finished!**





# Start Using Air compressor

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



- Twist the **Red handle** valve to the position shown, and the air pressure will be directed to the Eurolam.

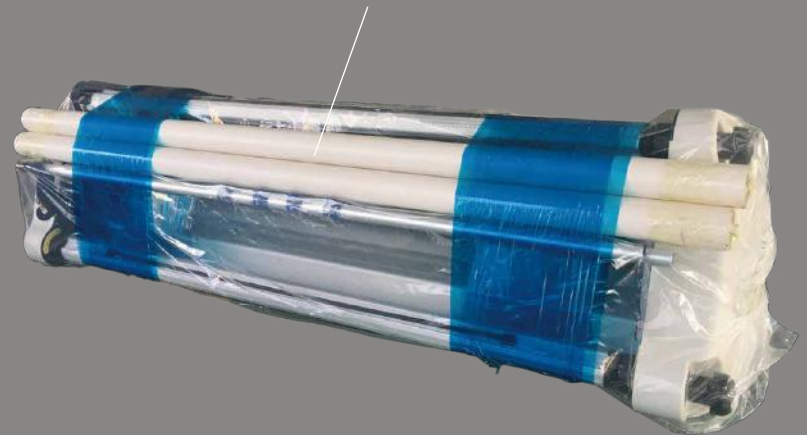
# Heating Elements installation

The Eurolam can work normally without the heating element, it will just lack the heating function.

The heating element is extremely fragile. We recommend two people during the installation, in order to assure proper handling.

Take the heating element out of the white PVC tube, ensuring it doesn't knock on other items. Again - it is very fragile.

Heating Elements



## Step 1



Remove the bolts in the Overhaul Window with the hex key supplied in the accessory box.

## Step 2



Remove the white ceramic part on the end of the heating tube, then release the white ceramic cover by twisting it, then take off the ceramic part from the end together, just like the picture shows.

## Step 3



Plug the heating tube into the center of the up roller, just like the picture shown, straight through the roller.

## Step 4



After you plugged in the heating element, it should look like the picture shown.



## Step 5

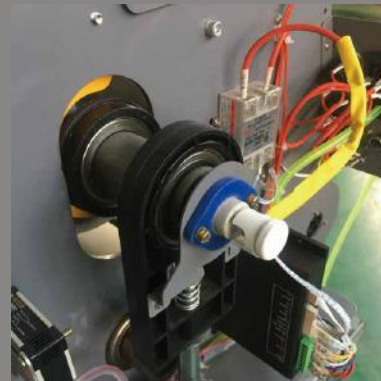
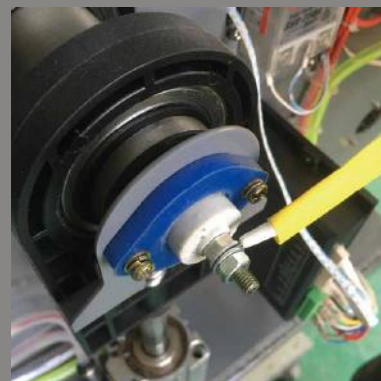
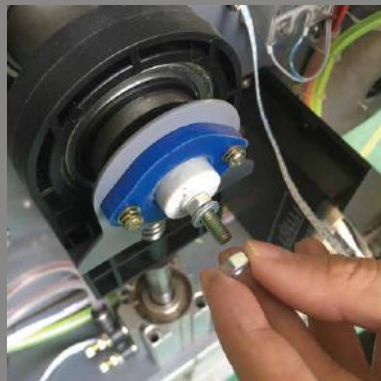
Use the open-ended wrench to unscrew the outer cover of the heating tube and remove its flat gasket. Connect the end of the red heating wire with the screw of the heating element (marked 'hot A'), as shown in the picture. Put the flat gasket back in place, then press the wire terminal to the gasket and twist the outer screw back in place. Use an open-end wrench to tighten the outer screw and inner screw in opposite directions.

Put the ceramic part back onto the heating tube screw, then twist back the the white ceramic cover.

Then same operation in the other end of the heating tube.

Then screw the cover back on.

## Heating element installation finished!





# Start Using the EuroLam

## Power on the laminator

Push the rocker switch on the back of the machine case, from '0' to 'I'. The control panel screen will light up, showing the greeting words: Welcome.

If the screen fails to light up, please check if any emergency stop is activated. Just twist the button clockwise to release it. Then the screen should light up.

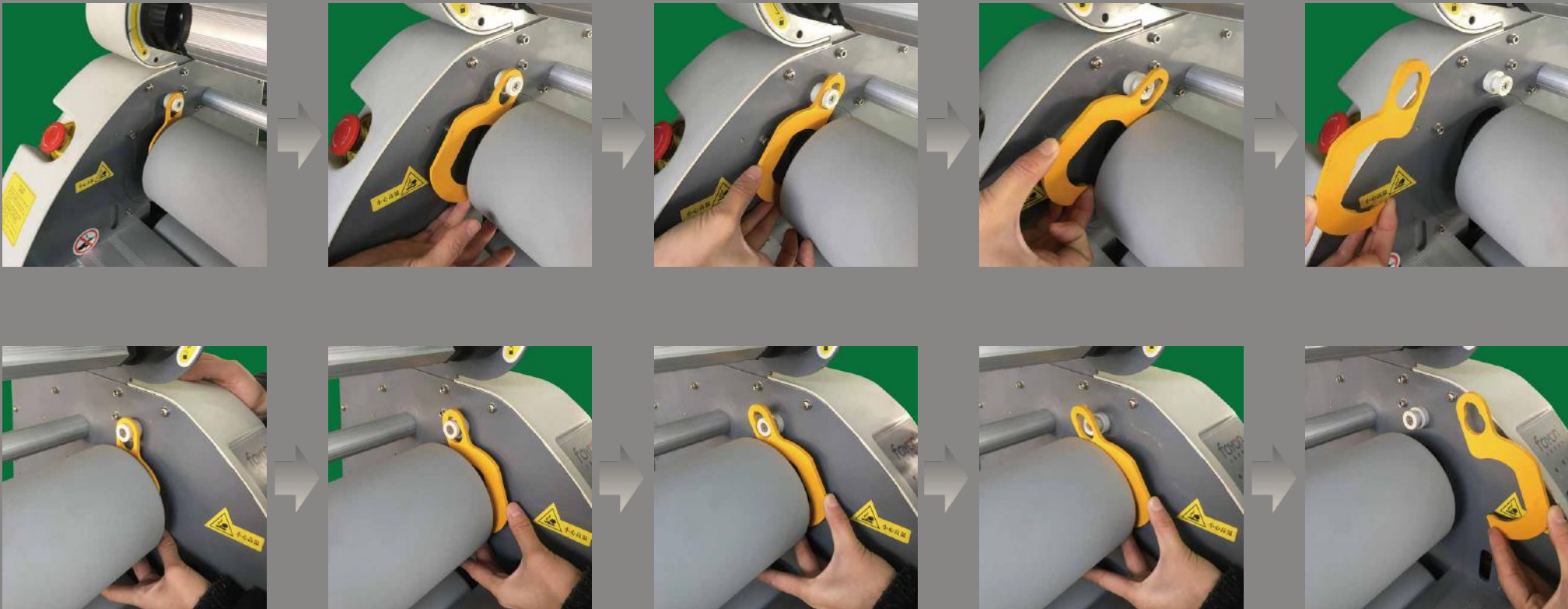


Turn the Pneumatic valve to 'up' position, the upper roller will lift up

## Take off the upper roller hanging hooks

Take off the yellow upper roller hanging hooks on double sides, this parts designed to protect the rollers in long-term transport by keep the upper and lower rolls from moving.

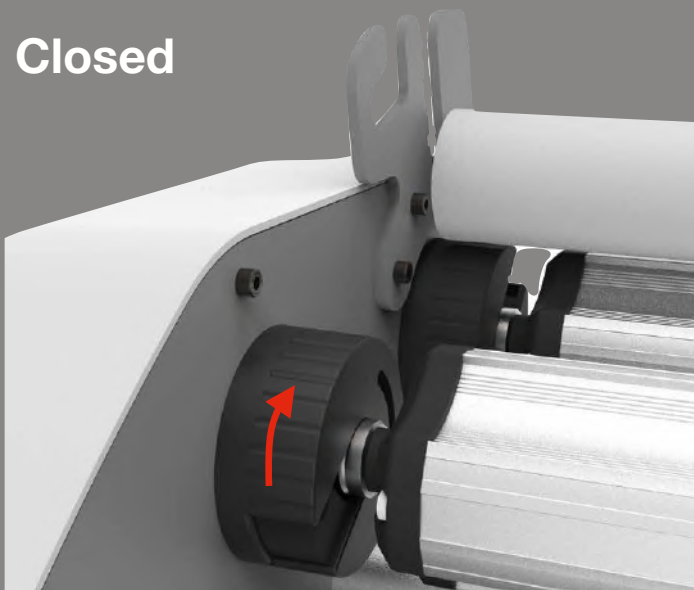
The hooks also avoid roller deformation that occurs when the machine is idle for long periods of time



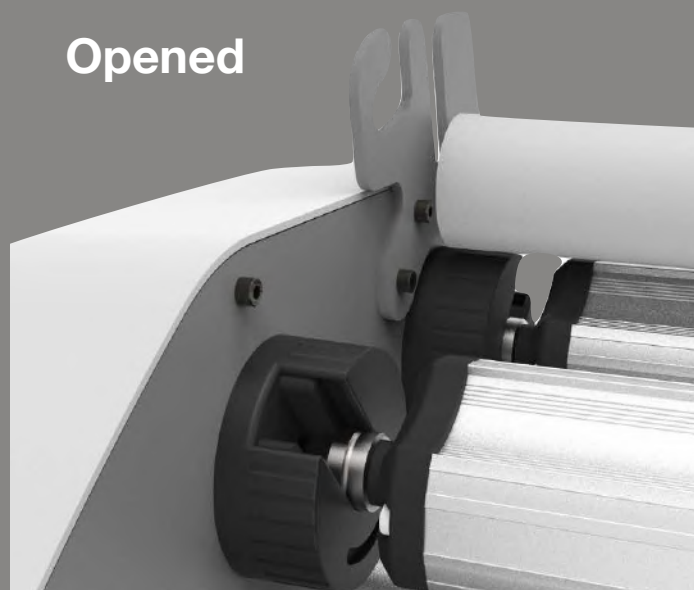
## ❖ The use of the bracket

Turn the black holding bracket shell as indicated by the arrow, twist the bracket until you got a click, it is now open. Then pull out the media shaft from the slot.

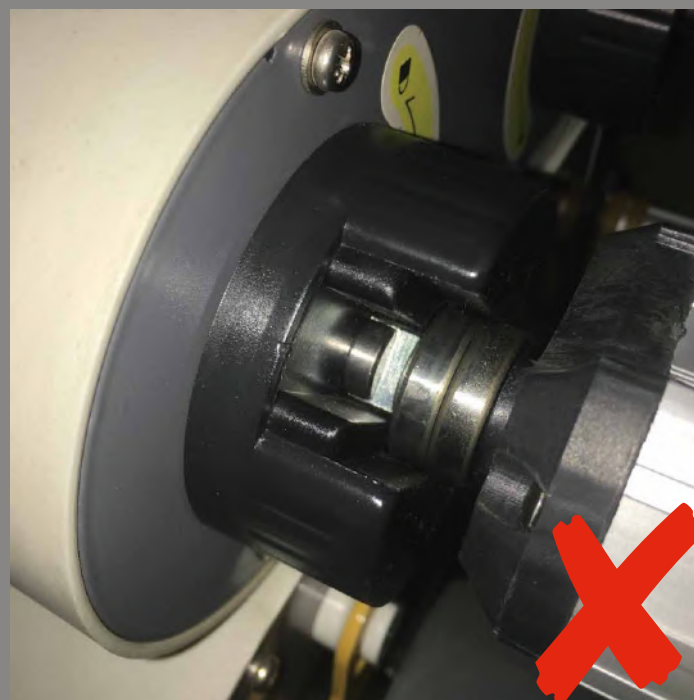
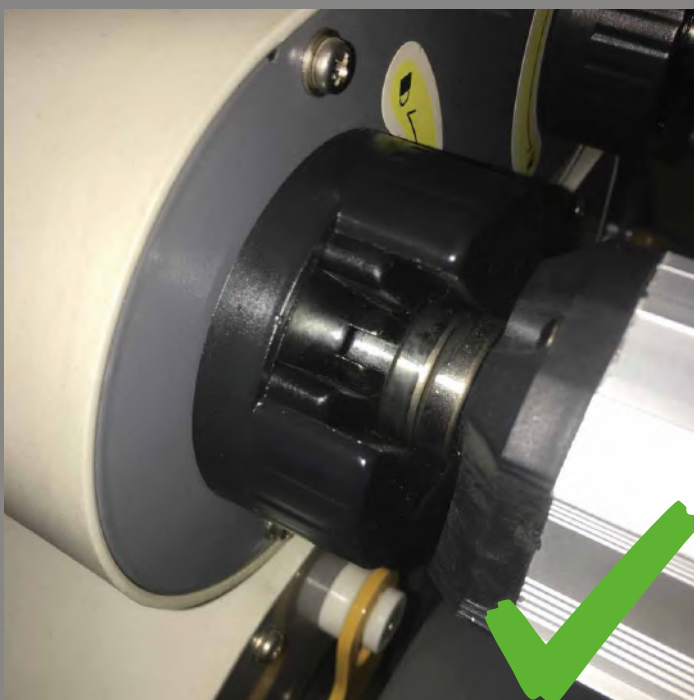
**Closed**



**Opened**



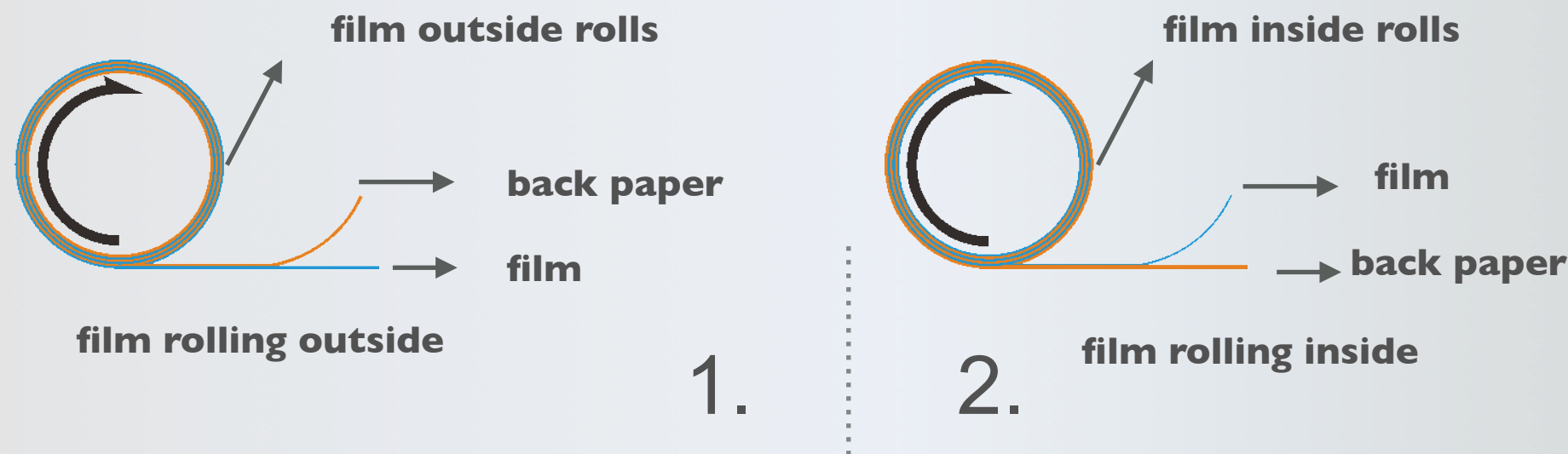
Attention: Ensure the peg of the media shaft connects parallel to the opening of the EuroLam.



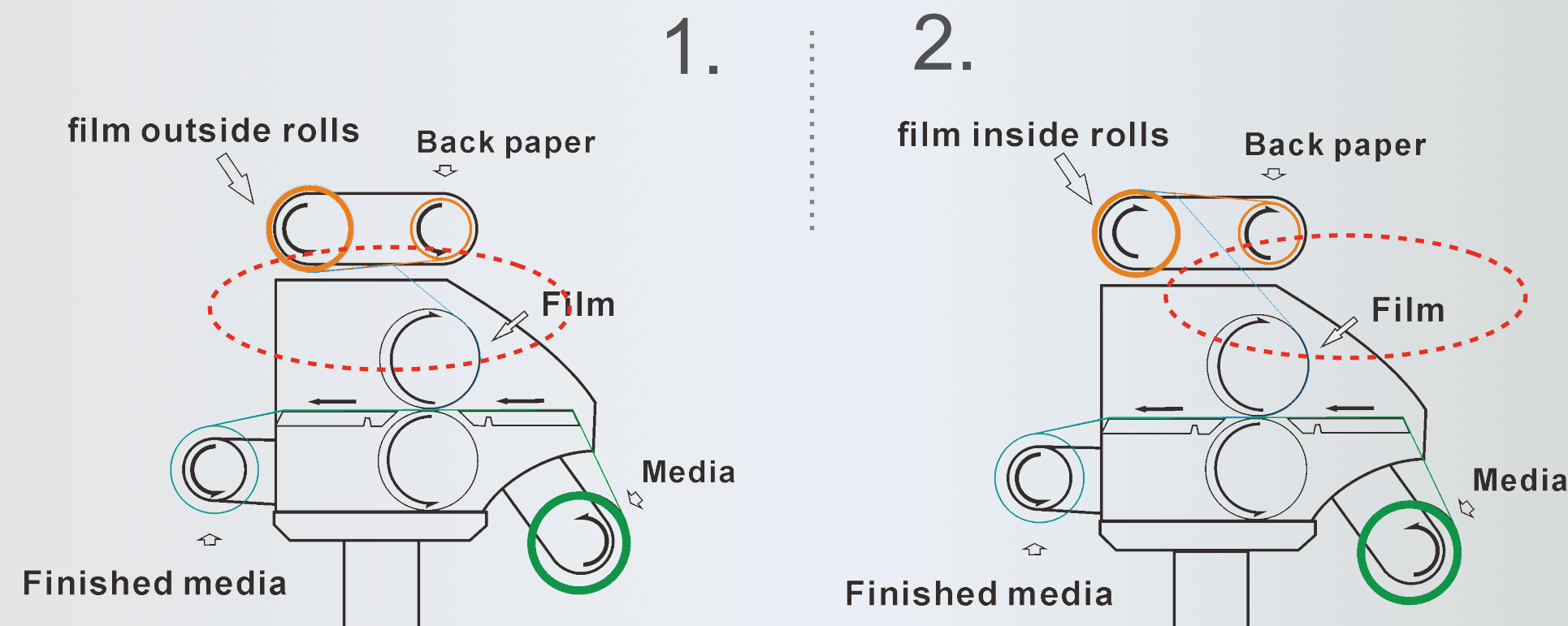
After putting the media rod back in the bracket, please turn the bracket shell back to lock the shaft. This step is important!

# Working schematic diagram

There are two ways to roll film in the market:



Accordingly, there are two types of film installing as below, please take more attention on the running direction:





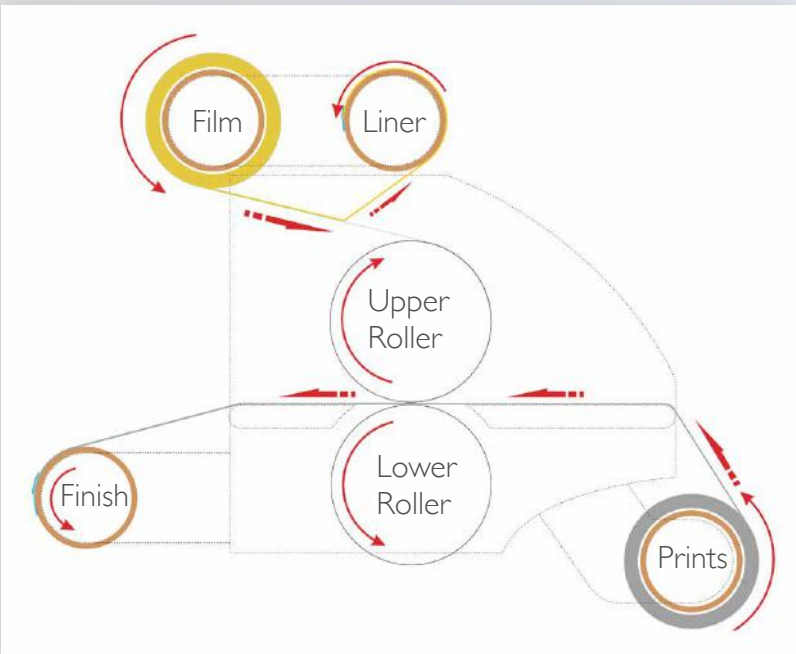
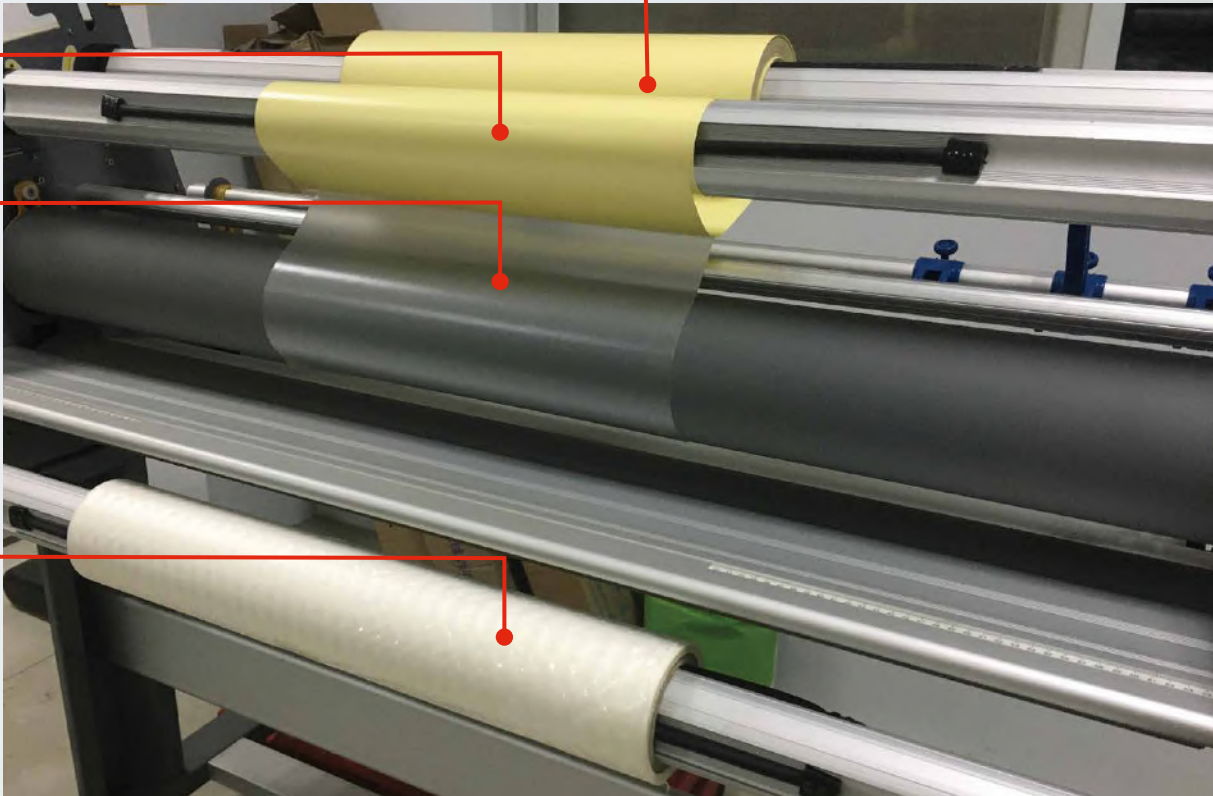
# Working Diagram

Film Loading Position

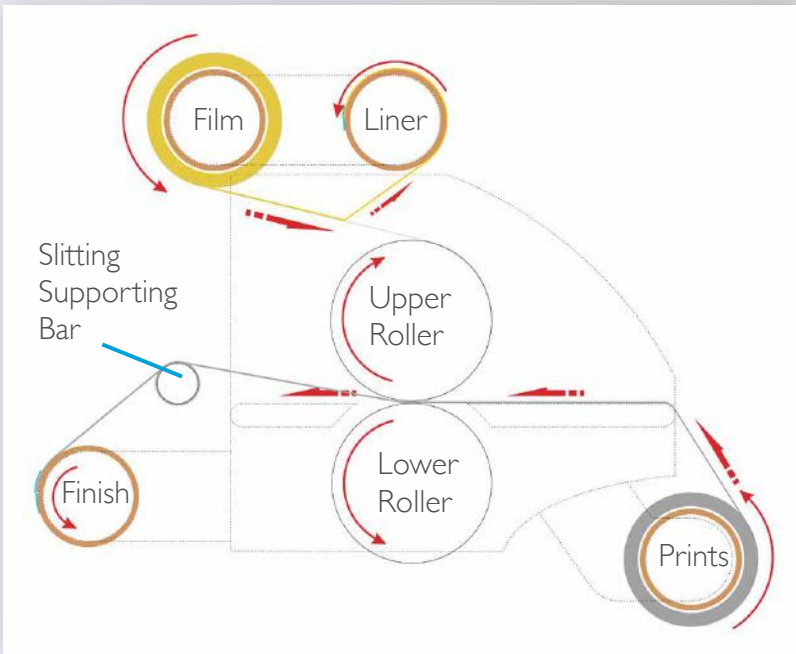
Film-liner Collecting Position

Film

Prints Loading Position



Working Diagram without Slitting



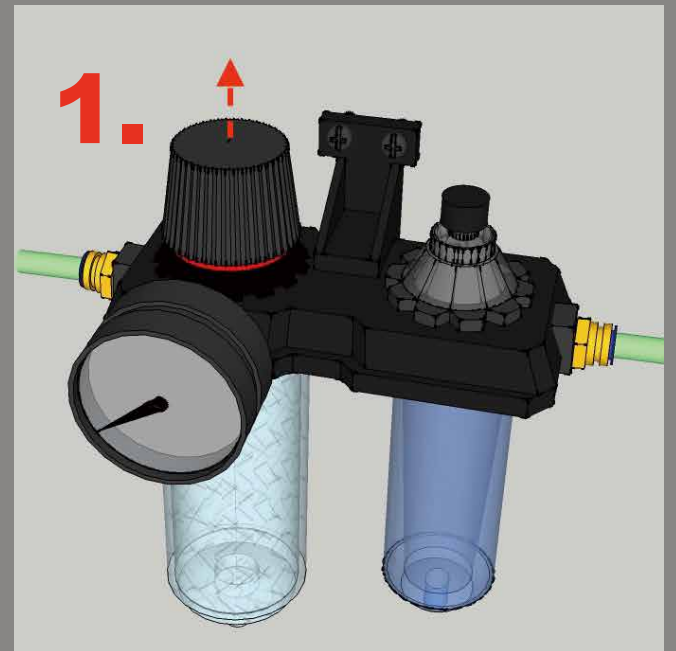
Working Diagram with Slitting

# How to adjust the general pressure?

The default air pressure value is 0.4 Mpa;  
You can adjust the pressure value according to your needs.

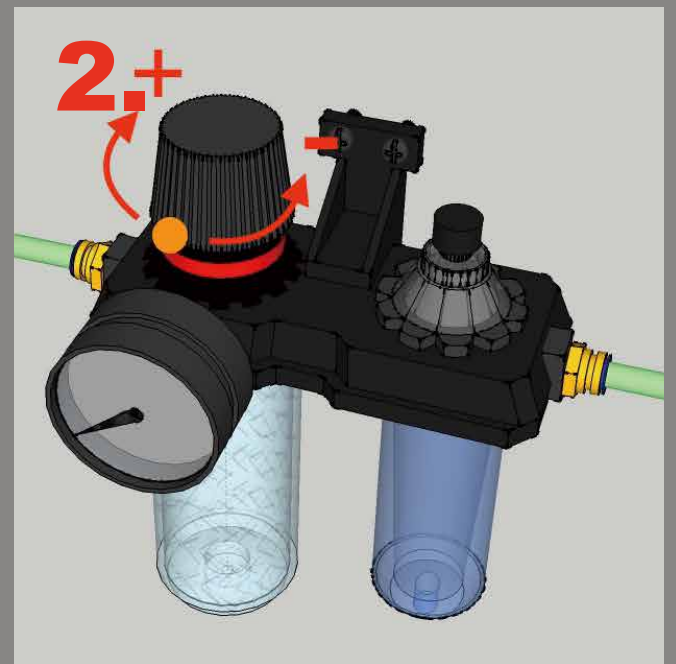
## Increasing the air pressure

Pull the black knob, which will cause a slight unlocking sound. Then rotate the knob clockwise, and you'll start to set an increase of the air pressure gauge. After adjusting, push the black knob down to lock it, which will in turn cause a slight locking sound.



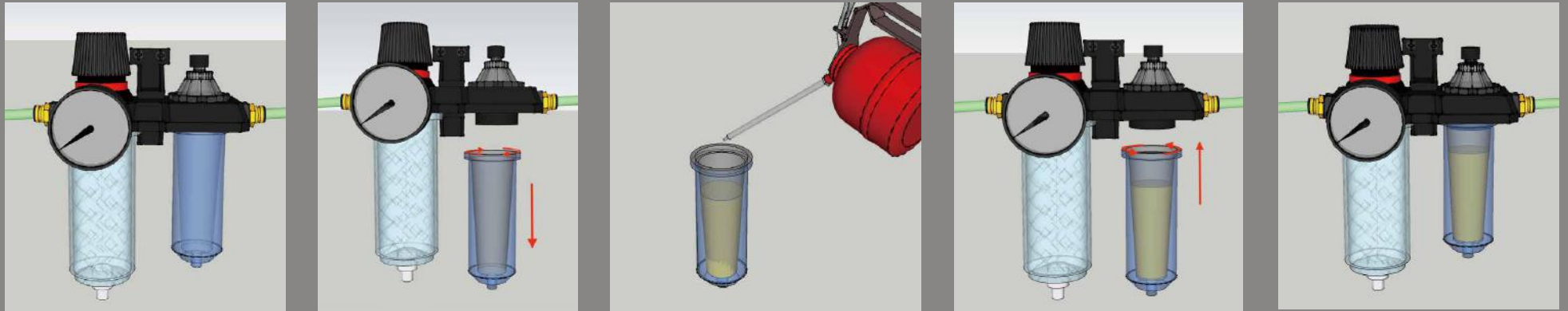
## Reduce the air pressure

Pull the black knob, which will cause a slight unlocking sound. Then rotate the knob anti-clockwise, and you'll start to set an increase of the air pressure gauge. After adjusting, push the black knob down to lock it, which will in turn cause a slight locking sound.



# Routine maintenance for the EuroLam

When using the oil-water separator for the first time, please remember to add liquid lubrication oil into the reservoir. Like the pictures below:



Regularly adding lubrication oil could improve the stability of the air cylinder and lengthen its life.

After using the EuroLam for some time, the water collection bottle will be full. Please push the outlet at the bottom of the bottle to drain the water out, which will cause a loud airflow sound. It is normal and safe.

Regularly clean the roller with cold water or ethyl alcohol. DO NOT use cold water when the roller is hot, or it may cause damage.

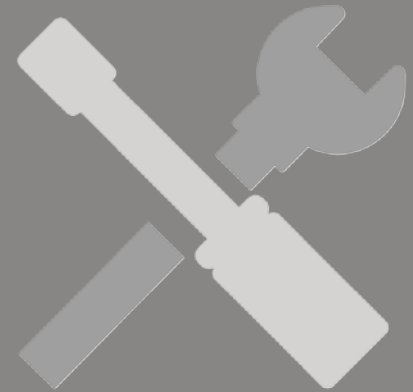
Avoid using hard and sharp objects.

Use the yellow hanging hooks when the machine is idle for long periods of time in order to avoid deformation.





# Troubleshooting



*If the screen is not lighting up when you turn on the machine:*

Check that the emergency stop button is not activated. Please twist it clockwise to unlock it.

*If the roller is not heating after you pushed the Heat button and the light turned on:*

Please make sure the heating element is installed properly.

*If you have turned the valve down but the roller hasn't moved:*

Check if the yellow hanging hooks are still on.

*If you have turned the valve up but the roller hasn't moved:*

Please recheck if the air compressor's installation and connection was done properly.

*The EuroLam stop working, while the Auto function is on:*

Please check if any object or media is blocking the infrared safety device.

## WARRANTY

All our products are manufactured to the highest quality standards. Our warranties are far from being complicated or difficult to handle - they provide you with complete peace of mind with that in mind, the EuroLam is covered for a full 3 years.

## CONTACT

Free Call 1800 30 6161 | [info@eurotech.com.au](mailto:info@eurotech.com.au)

