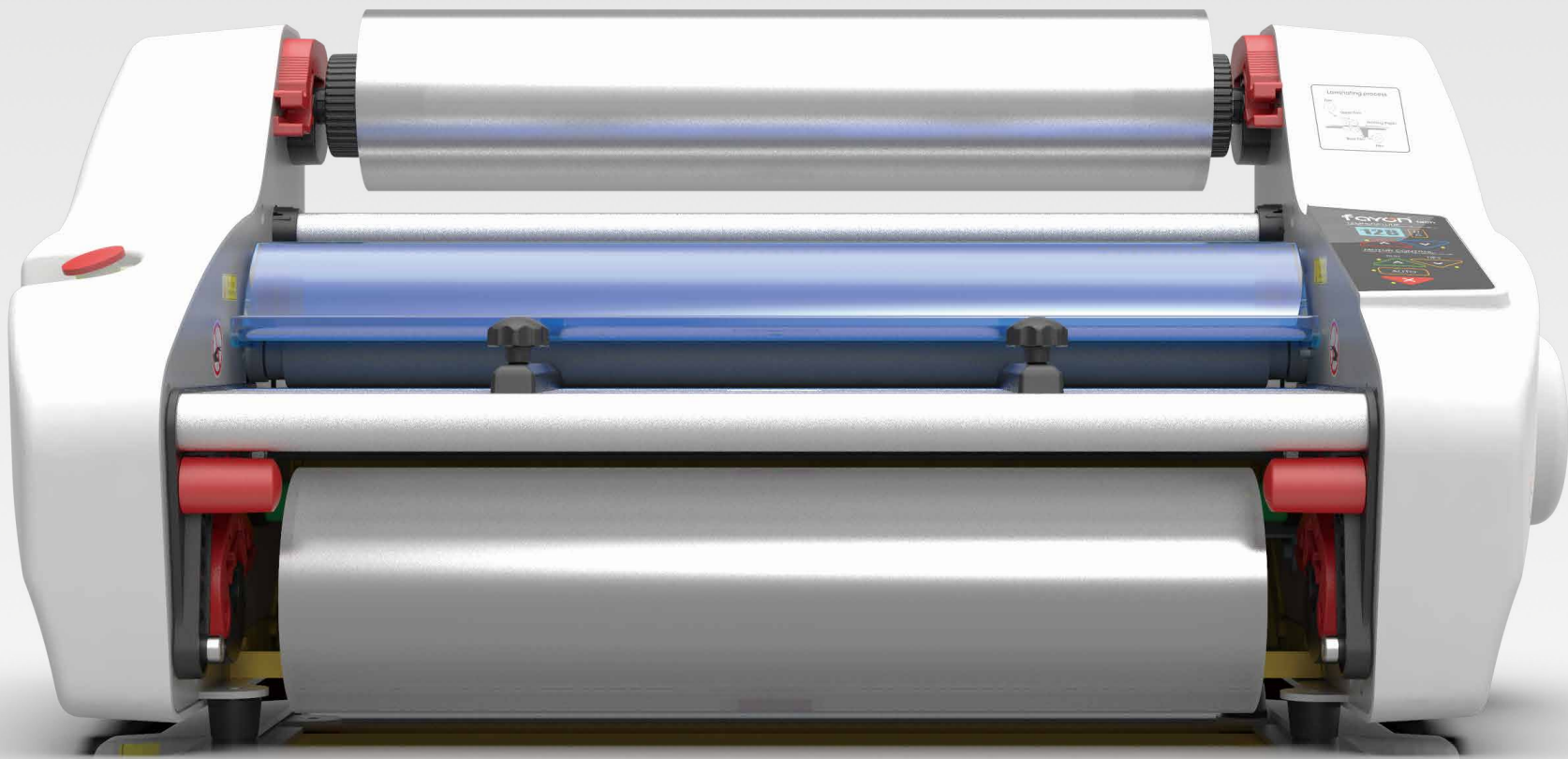




# Desktop laminator A3/A4 **User Manual**



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# PACKING INSTRUCTION

Reinforced corrugated cardboard, with built-in shock-absorbing pearl cotton, perfectly sticks to the machine shape and provides all-round protection for the machine. Built-in vacuum bag and desiccant to isolate the influence of water vapor during transportation. The package dimensions:

64.5cm×37cm×33.5cm

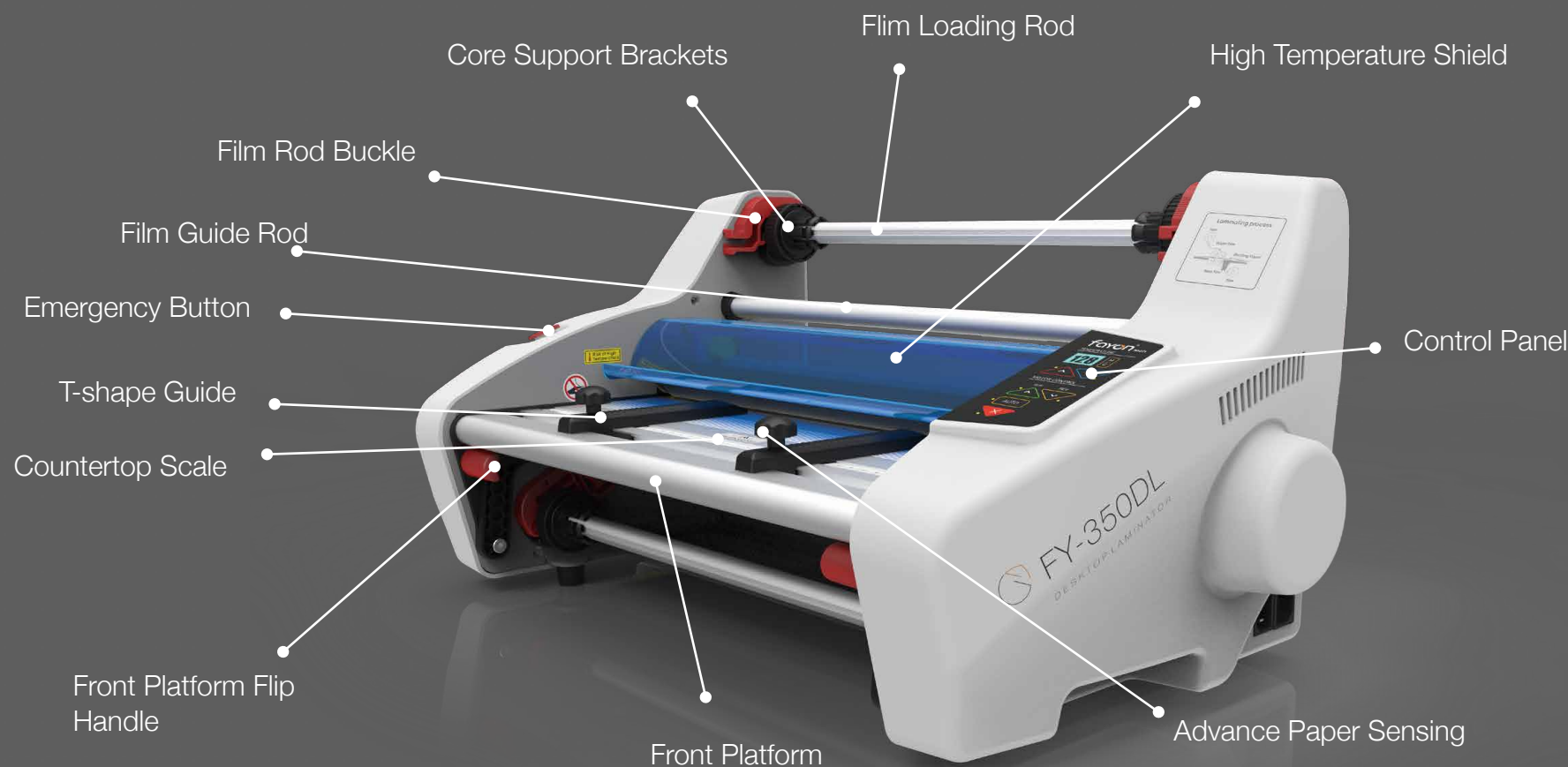
## BOX CONTAINS:

Desktop Laminator FY-350DL	1 piece
Power Cable	1



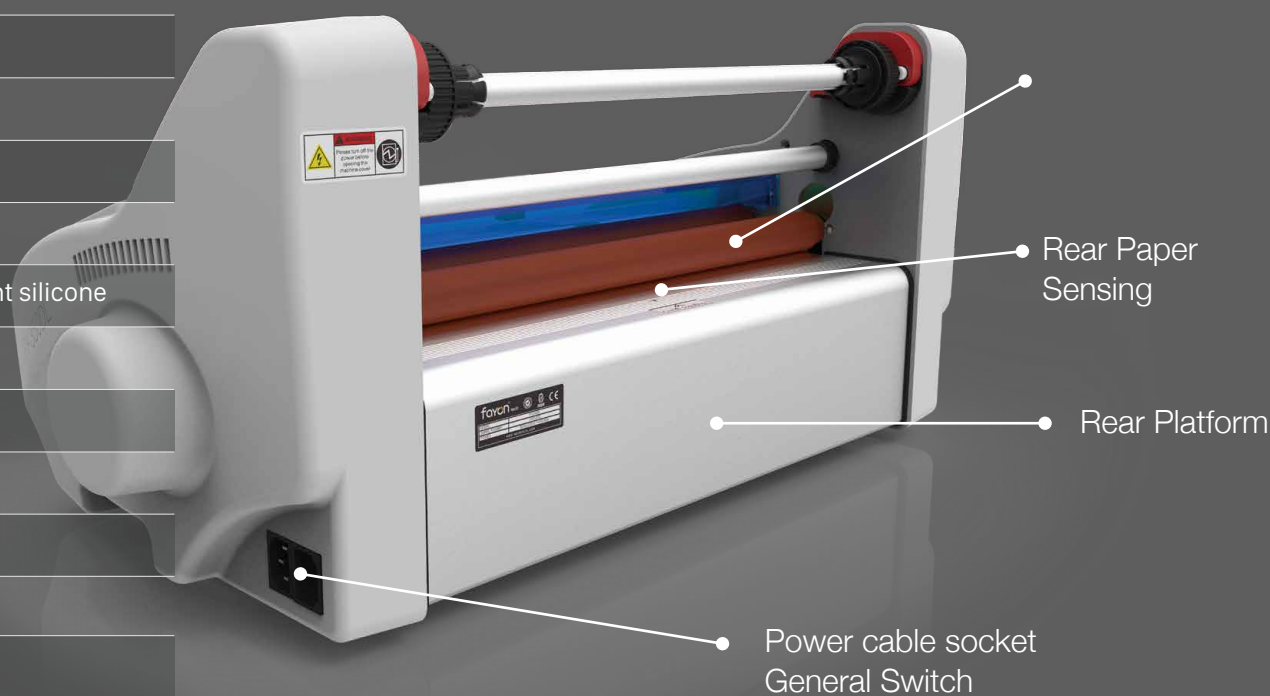
Open the box, take out the host machine and power cord, and handle it with care. Remove the packaging bag.

# DIAGRAM OF WHOLE MACHINE



## Technology Data

Model	FY-350DL
MAX laminating Width	350mm
MAX laminating Thickness	1.2mm
MAX laminating Speed	1.5m/min
Max lamination Temperature	180°C
Roller Materials	High temperature resistant silicone
Driving Method	AC Motor
Heating Adjustment	Available
Feeding Sensing	Available
Net Weight	13.5kgs
Rated Power	640w
Rated Voltage	220~240v
Rated Current	2.8A



# 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: 2.8A

## 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%

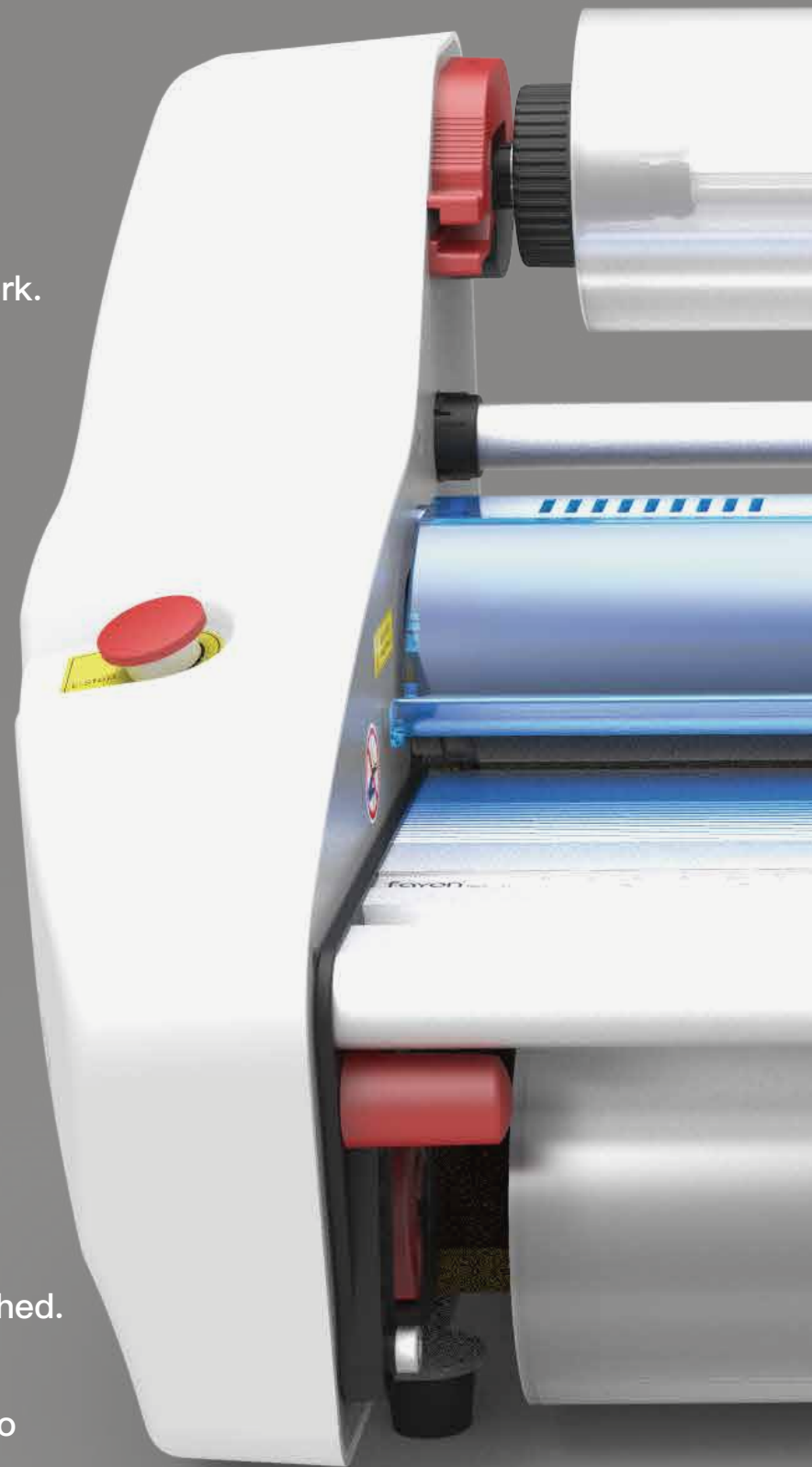
## Electricity connection

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.).





# INSTRUCTION OF **CONTROL PANEL**



## \* **LCD:**

- ◆ Color-changing backlit display:
  - ❖ Green backlit in cold lamination mode
  - ❖ Red backlight in hot lamination mode
    - The backlight will be flashing red in the heating state
    - The backlight will stop flashing after heating reached setting.
- ◆ Character flashing means the machine is in temperature setting state and will stop after 3 seconds after stop changing the setting value, which indicates that the current temperature setting value has been automatically saved and machine entered the heating/constant temperature state.

## \* **Cold/hot lamination switch Button:**

- ◆ Could realize the switching between hot and cold lamination mode

## \* **Temperature adjustment Button:**

- ◆ Press any of these two buttons, the characters on the display start to flash, indicating that the machine has entered the temperature setting state
- ◆ Red heating button, in the temperature setting state, press this button to increase the temperature setting value
- ◆ Blue cooling button, in the temperature setting state, press this button to reduce the temperature setting value

## \* **Reverse Button:**

- ◆ Press this button, the motor starts to run in reverse

## \* **Forward Button:**

- ◆ Press this button, the motor starts to run forward

## \* **Auto Mode Button:**

- ◆ Press this button, the machine enters the automatic working mode, the front and rear feed sensor are activated to work: once the front feed monitoring senses covering, it will command the motor to run forward; once the back feed monitoring senses leaving, it will command the motor to stop; then the machine remains in automatic mode, waiting for the next sheet of paper to be placed.

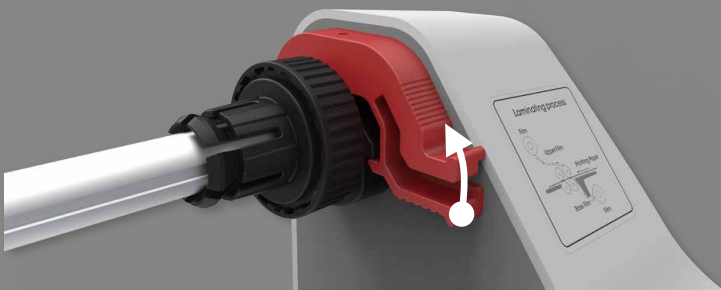
## \* **Motor task Cancel Button:**

- ◆ By pressing this button, all current motor tasks will be canceled and the motor will enter standby state.

## The use of **Film Rod Buckle**

- ◆ With a buckle design that can be opened quickly, first squeeze the red spring clip with fingers, so that the red buckle can be easily opened from the step of the black snap-on base.
- ◆ After putting the film loading rod into the slot, cover the red buckle back, press down, and hear a "click", which means it is locked in place.

**Closed state**



**Open state**



## The use of **Film Loading Rod**

- ◆ Insert the locking rings at both ends into the film core, then insert the film loading rod into and through both locking rings, tighten the two locking rings clockwise, and lock the film core to the rod complete the installation of the film roll.
- ◆ Pay attention to reference the scale on the rod to ensure that the film roll installation position is centered.



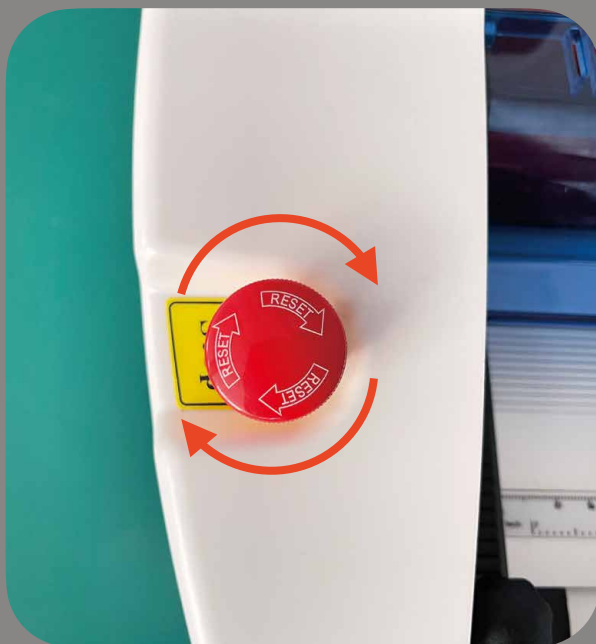
# Start Using FY-350DL

## ✧ Power On

- ✧ First connect the power cord to the power socket of the machine, and keep the power switch of the machine turned off.



- ✧ Toggle the rocker switch from "O" to "I", then the display on the machine control panel will light up and show "----".
- ❖ If the display on the control panel does not light up, check whether the emergency stop button on the left side of the machine is break off. If so, just turn the emergency stop button clockwise to reset.

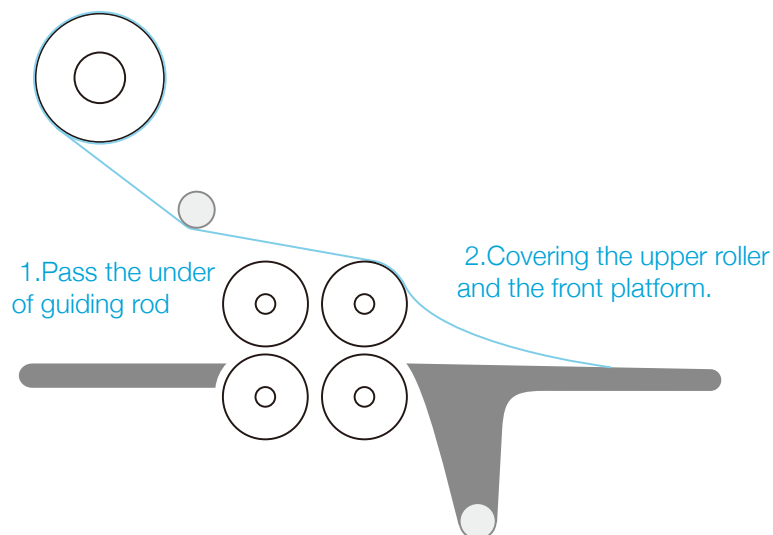




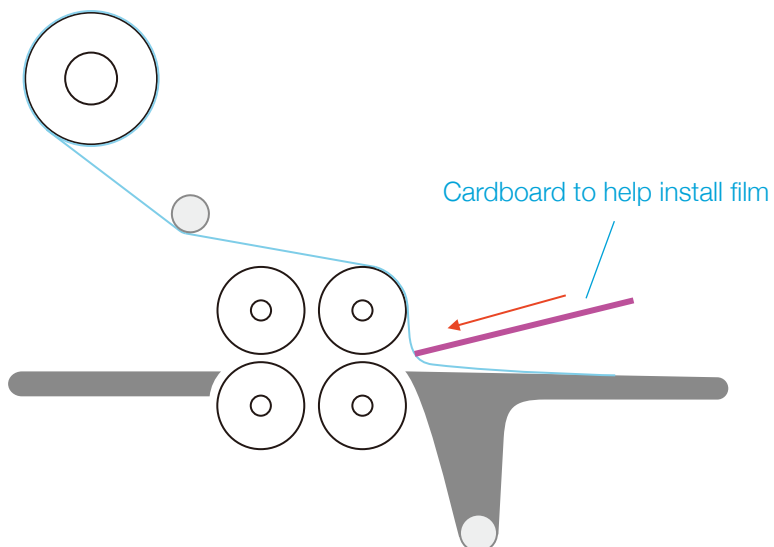
# Film Install Steps

(please install film in cold lamination mode)

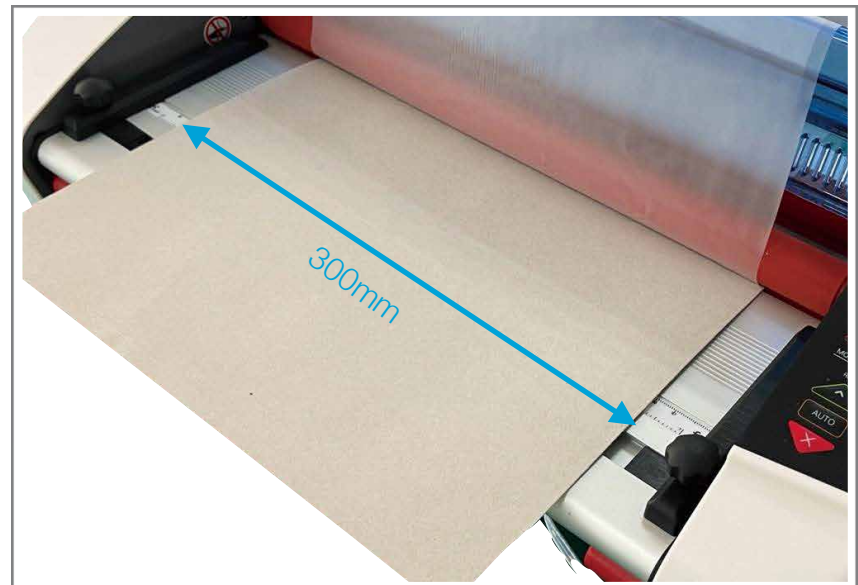
1.First pull out the upper film, pass under the upper film guide rod and cover the front of the upper rubber roller to cover the front platform, the blue transparent heat insulation cover can be flipped up to convenient film passing. As the picture shows:



3.Hold the cardboard against the film and push it into the gap between the upper and lower rollers. as the picture shows:



2.Prepare a piece of cardboard with a width of around 300mm and a thickness of less than 0.5mm.

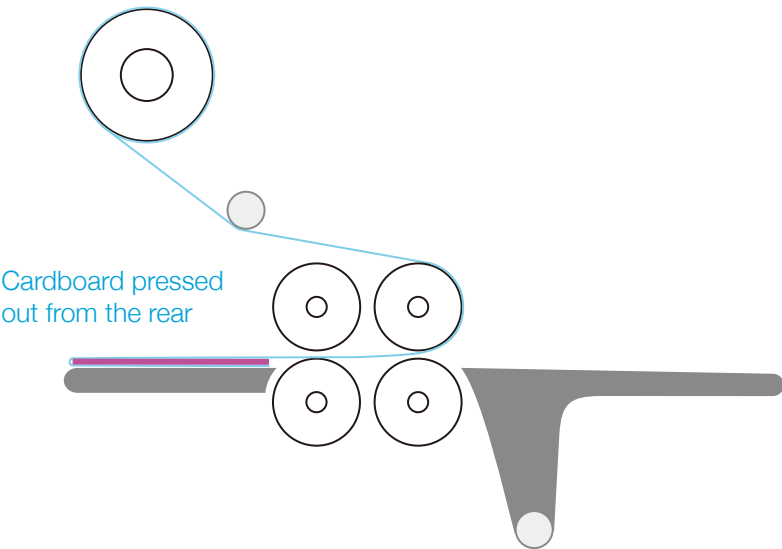


4. Then press the RUN button on the control panel to make the motor run forward, while push against the film with cardboard to be pressed into the rollers together with the film. As the picture shows:





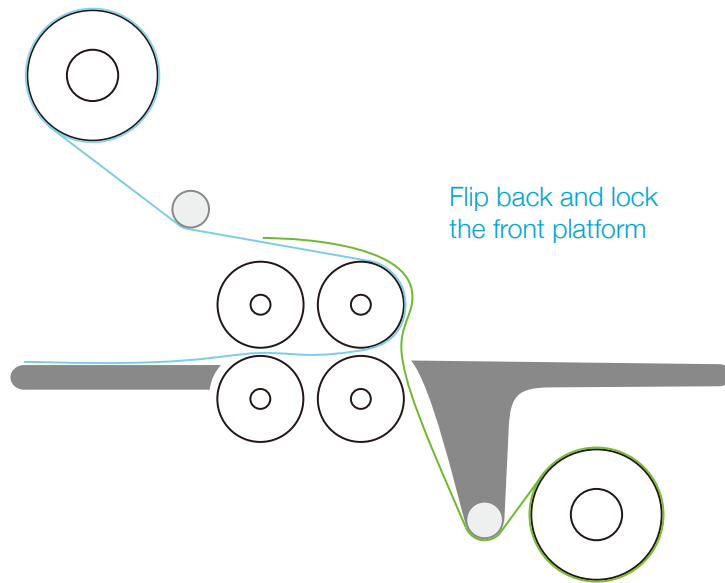
5. When the cardboard is pressed out from the rear of the roller with the film, press the **red motor task cancel button "X"**, and then take the cardboard out for use. As the picture shows:



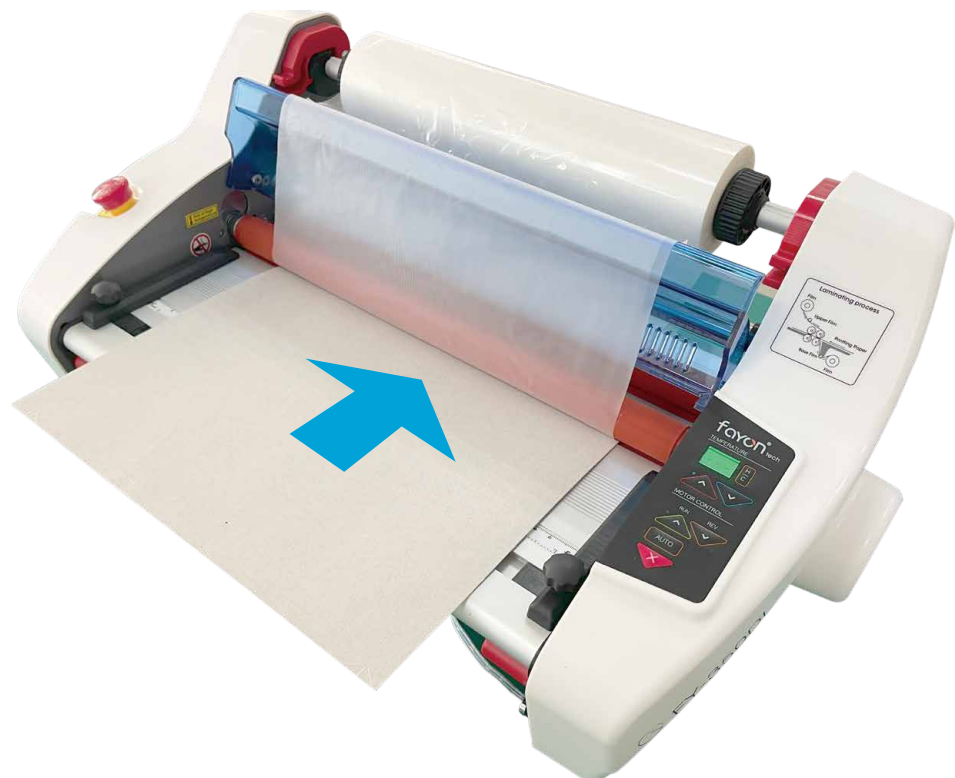
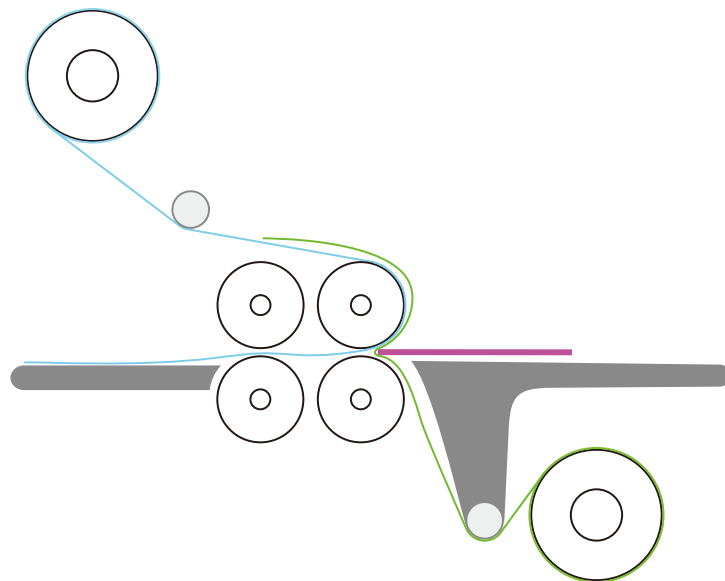
6. Install the lower film: first flip up the transparent heat insulation cover, then flip open the front platform (pull the red locking handles on the left and right under the platform at the same time to unlock), then remove the film loading rod, install the film roll, then install Back (the same method of film loading as upper one). As the picture shows:



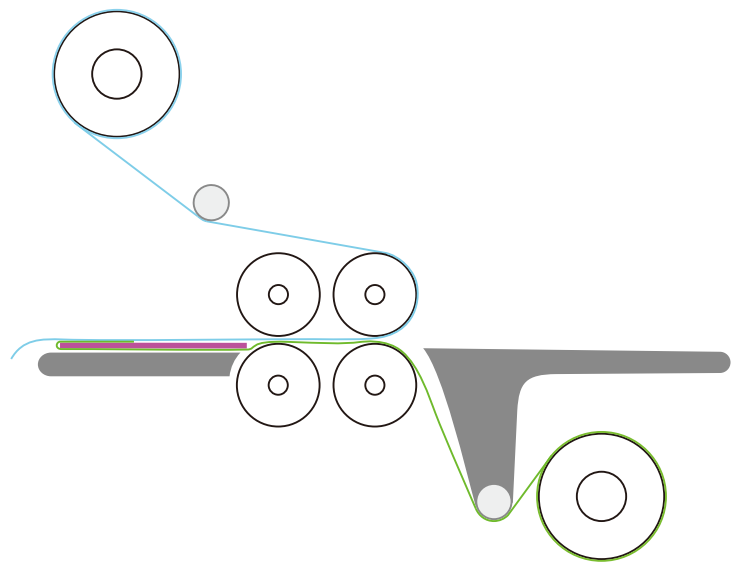
7. Pull out the lower film, and stretch it with one hand, flip the platform back and lock it with the other hand, hearing a "click", indicating that it has been locked well. As the picture shows:



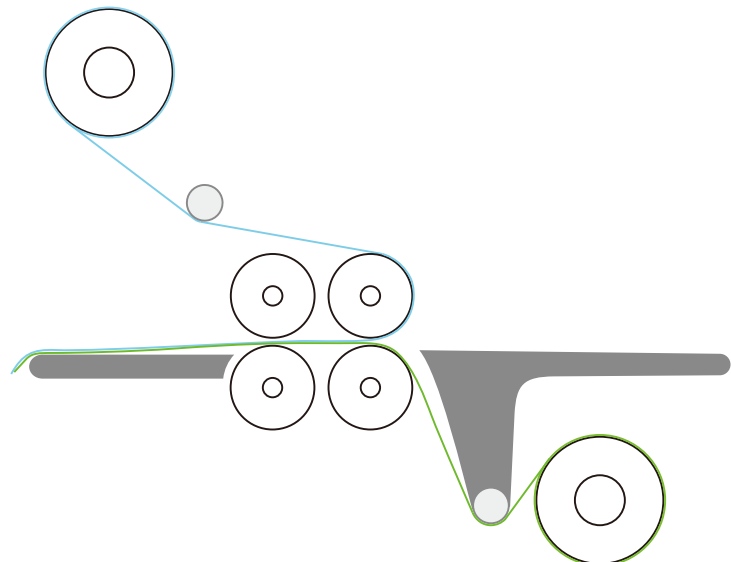
8. Press the cardboard against the lower film, push it into the gap between the upper and lower rollers, and press the RUN button on the control panel to make the roller start to run forward and press the film and cardboard into the rollers. As the picture shows:



9. When the cardboard is pressed out from the rear of the roller with the lower film, press the **red motor task cancel button “X”**, then take out the cardboard and save it for the next time the film installation. As the picture shows:

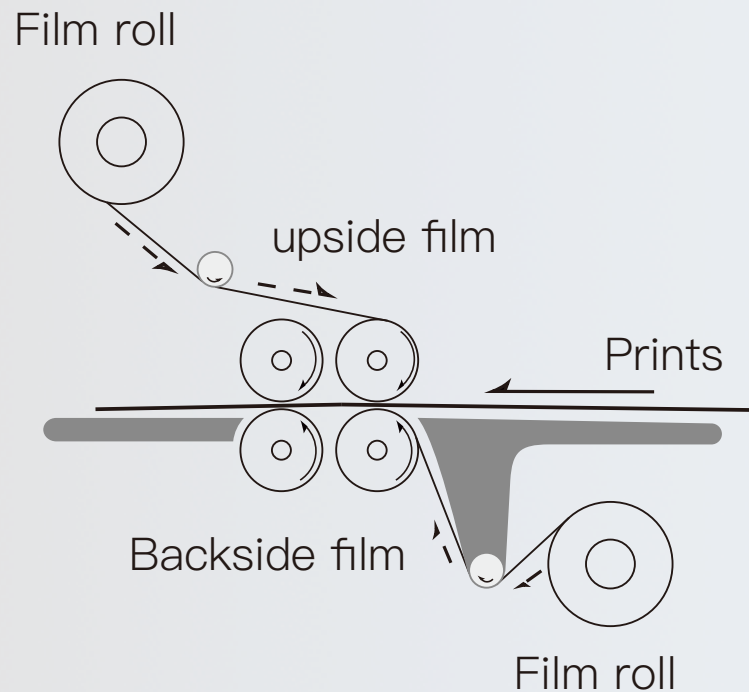


10. So far, we have completed the installation of the upper and lower film. The hot and cold lamination function can be switched, and the lamination can be started when the machine reaches the preset temperature.

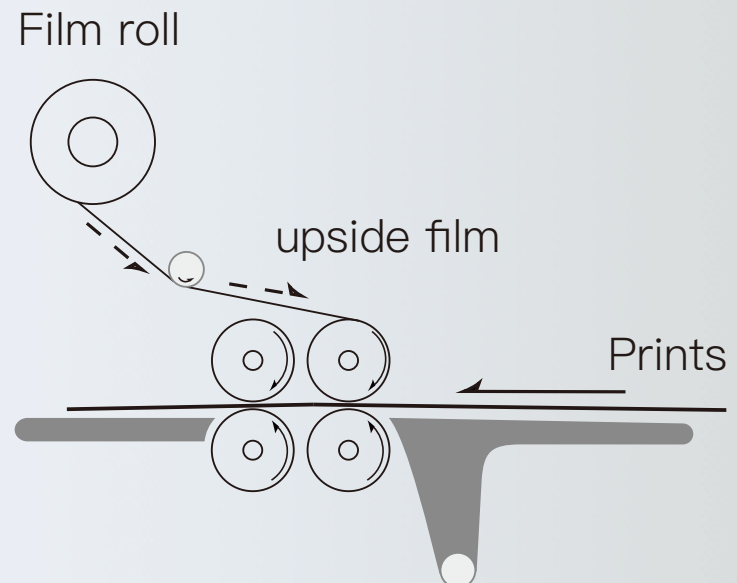




# Working Diagram



Double-side Lamination



Single-side Lamination

FY-350DL can make both single-side or double-side lamination.

Single-sided lamination:  
Only install the upside film material, and not install the backside film.

Double-sided lamination:  
Install both upside and backside film while lamination.



# INSTRUCTION OF AUTO model

- ❖ FY-350DL has an automatic working mode, which can cooperate closely with the user to complete the lamination work efficiently. This mode is suitable for lamination processing of small batches of pictures, menus, business cards and other products.
- ◆ Press the "AUTO" button on the control panel, the left side indicator will lights up, indicating that the machine enters the automatic working mode:
  - ➡ The front and rear paper feed sensor is activated: once the front feed sensor senses the paper covering, the motor will automatically run forward, while the rear sensor senses the paper leaving, the motor will automatically stop running, and automatically enter the next automatic cycle.
- ◆ To exit the automatic working mode, simply press the red cancel motor task button "X" to exit.



## Routine Maintenance

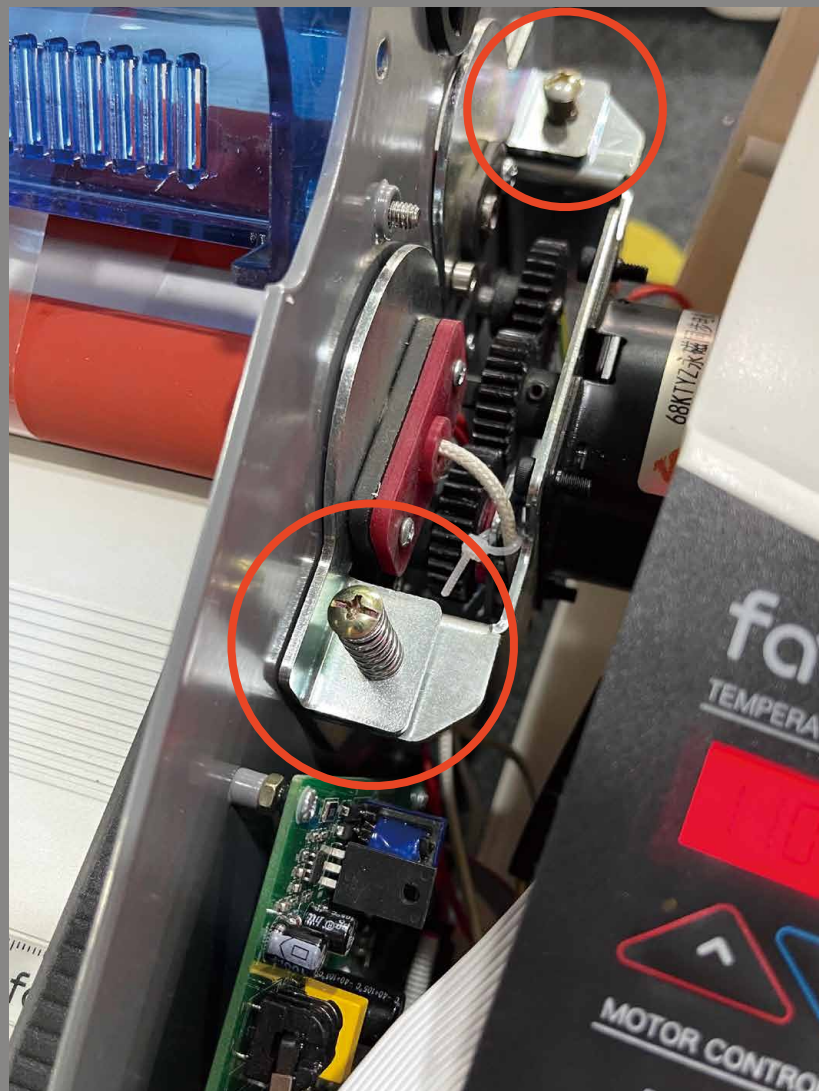
- ◆ Regular cleaning of the rollers, front and rear platforms can be flip open. The front platform has locking handles, which needs to be unlocked and then flip; the rear platform is magnetically attracted and can be opened with a little force.
- ◆ If after using for a period of time, you feel that the motor drive noise is relatively loud, please open the machine chassis and squeeze a little lubricating oil on the gear set.
- ◆ If idle for a long time, please adjust the pressure of the roller spring to the most loose to prevent the roller surface from being deformed due to long-term extrusion.
- ◆ Avoid hard and sharp objects from scratching the roller





# How to adjust the roller pressure ?

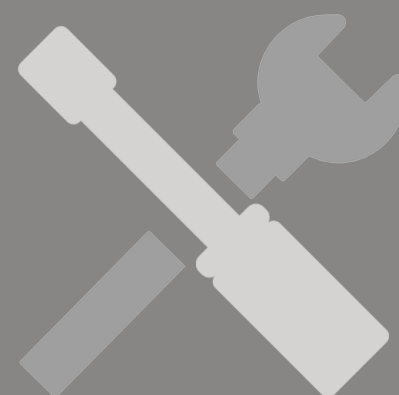
- Open the machine chassis on both sides, you can see the pressurizing spring and pressure regulating bolts on the roller bracket. Use a Phillips screwdriver to screw down the pressure regulating bolt to press more on the spring to increase the pressure of the roller; on the contrary, loosening the spring means reduced roller pressure can be achieved.
- Try to maintain the pressure balance on both sides while making adjustment.





# General Troubleshooting

- ❖ Display board does not light up when turn on the machine
  - ✓ Check whether the left side emergency stop button is disconnected or not, twist the emergency stop button clockwise to complete the emergency stop reset, the display board will light up normally
  
- ❖ The pressure film will be shifted to one side, wrinkled
  - ✓ The film is not installed in place, you need to cut off the film and re-install it.
  - ✓ The pressure on the left and right side of the rollers is not balanced, open the over and adjust the pressure screw with a screwdriver until the pressure on both sides is balanced.
  
- ❖ The motor does not run and makes noise
  - ✓ The material is too thick, causing the rubber roller rotation resistance exceed the maximum load of the motor, need replace with thinner material
  - ✓ Too much pressure, open the cover, adjust the pressure screw with a screwdriver, reduce the spring pressure, until the motor rotates normally.
  - ✓ Check whether the film is rolled up on the rubber roller or not. if yes, control the motor running direction in time, and pull out the film material rolled on the roller surface. (Pay attention to the safety during operation)
  
- ❖ Motor will run automatically even if there is no paper during auto mode
  - ✓ The sensor probe lens is dirty, just wipe it with alcohol cotton
  
- ❖ No resistance in film roll rotation
  - ✓ The friction block which located inside the red locking snap is worn out due to prolonged use and needs to be replaced with a new friction block.



## 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 FAYON products has a 2 Year Guarantee.

We provide complete technical support and service life-long!

## CONTACT

Call us **0086-371-67845999** | [info@fayontech.com](mailto:info@fayontech.com)

