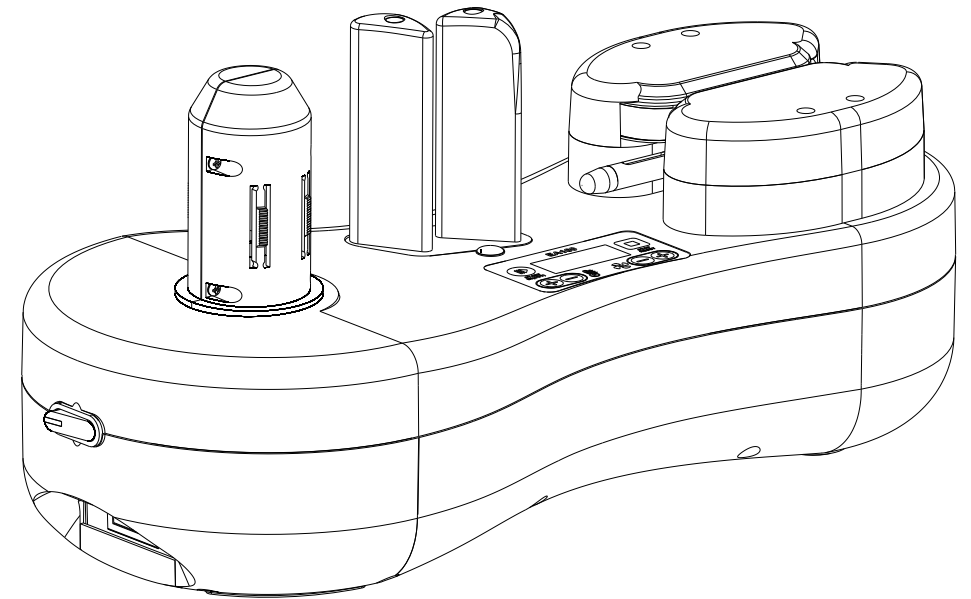


# AIR CUSHION MACHINE

E-one Science and Technology



## E-ONE SCIENCE AND TECHNOLOGY CO.,LTD



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4/F Blk3 Qianshan Ind.Ctr., NO.613 Huawei RD.Zhuhai, GD,China



website

### About Air Cushion Film ordering

You can purchase original packaging film on our website.

[www.eairpack.com](http://www.eairpack.com)

Searching



Could use APP to access the  
official website

## USER MANUAL

Many thanks for your purchasing with E-AIR's products, please read the manual carefully before using the machine.

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## Safety instructions

In order to ensure correct and safe use of this machine, please read the user manual carefully before using it. It may lead to machine failure or safety accidents if the contents of this manual are violated. Notice: please take good care your user manual in order to solve problem at any time.

## Warning description



### WARNING

If the wrong way is used, it may lead to death or serious injury as the following warning item.



### Prohibitions

- Please do not use non-original power cable when using machine.
- Please do not unplug the power cable when machine is running.
- Please do not use machine and blowing film in the environment of combustible, inflammable and explosive gas.
- Please do not touch the power cable when you hands are wet.
- Please do not disassemble, repair or refit the machine outside the user manual.



### Necessary

- Be sure to disconnect the power cable before overhauling the machine.
- In case of abnormal heat, abnormal sound or burning smell, please stop using the machine immediately.
- Please keep away from children when using the machine.



### NOTICE

If the wrong way is used, it may lead to minor injury or loss of property as the following warning item.



### Prohibitions




- Please place the machine in a smooth place when it run ning, otherwise it will cause blown film failure.
- Please use this machine in the interior space, to avoid using in outdoor or especially damp environment.
- Please do not use hands or the other object t o touch wheel during the oper ation of the machine, otherwise it will lead to injury and machine failure.



### Necessary

- Please disconnect the power cable if you do not use the ma chine for a long time.

## Accessories

	High temperature belt	2
	Wrench	1
	Hex screwdriver(2mm/2.5mm)	1+1

## Common failure and solution

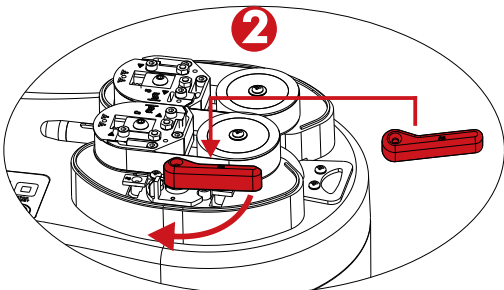
Firstly, please confirm the following contents. If the problem has not been improved, please contact the local sales agent for maintenance.

When this happens	Please confirm it
①Even if the power is turned on, there is no display on the interface.	Please confirm whether the power cord is properly connected to the main body of the machine.
②An unknown error occurred, such as no display or display error.	Wait 5 seconds after turning off the power switch, then restart the machine.
③Air cushion film cannot blow smoothly.	Please refer to the temperature and air volume adjustment to suit the packaging film (p.6).
④Air cushion film blocks the air nozzle.	1. Reinstall the film. 2. adjust the air volume. 3. Replace the blade if necessary.
⑤The film is moving, but no air enters.	Please confirm if the air nozzle deviates from air intake.

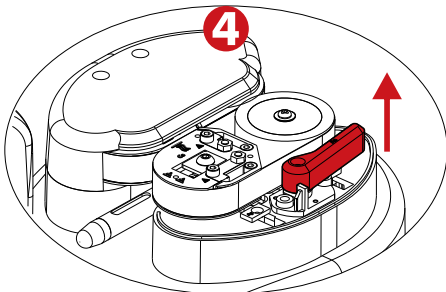
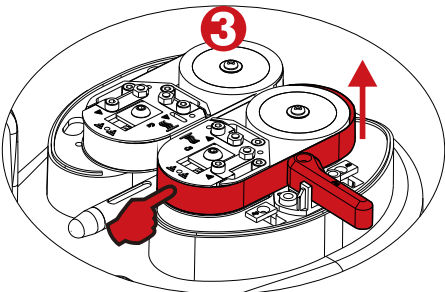
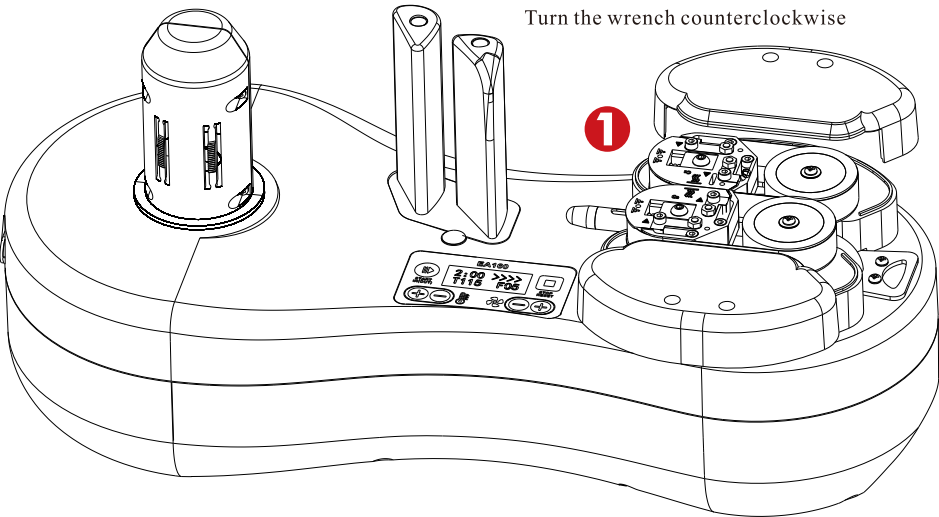
**2.Replacement for high temperature belt.(If the following failures are found, please check it and replace the high temperature belt.)**

If the film sealing side is badly melted through, the high temperature belt might be broken, please replace it. (Usually after 60 rolls film are finished.)

- 1.Remove the left and right protecting covers.
- 2.Install the wrench on the eccentric shaft , turn the wrench clockwise to separate the two heating components.
- 3.Push the heating components by hand, remove the old high temperature belt, and replace it with a new one.
- 4.Turn the wrench back to the original position, remove the wrench, and put back the left and right protecting covers.



Turn the wrench counterclockwise



Push the heating element by hand as shown in the direction  
Then take off the high temperature belt.  
※ Please keep the wrench at this position and don't move it until the belt is replaced well.

**Product specifications and parts**

**1.Spec of air cushion machine**

Product Dimension	430mm×190mm×195mm(L*W*H)
Weight	About 2.6kg
Working Power	50-150W
Input Voltage	AC100-240V/2.5A , 50/60Hz
Output Voltage	DC24V/4A
Speed	EA160/EA200: About 12m/min
	EA150NB/EA100: About 8m/min
Certification	CE、RoHS、PSE

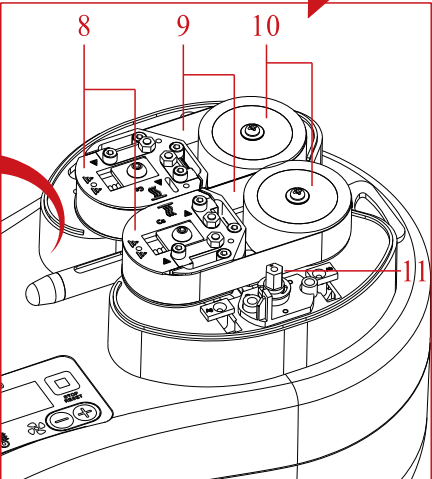
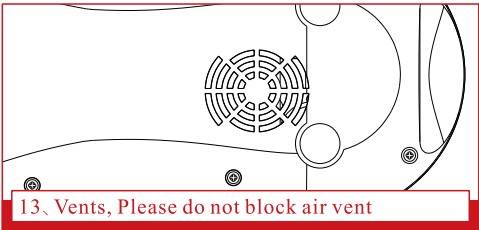
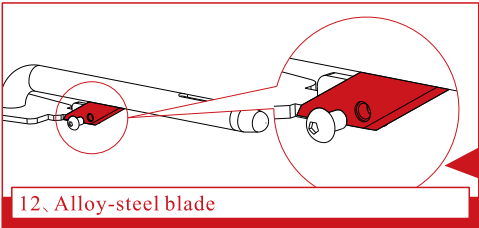
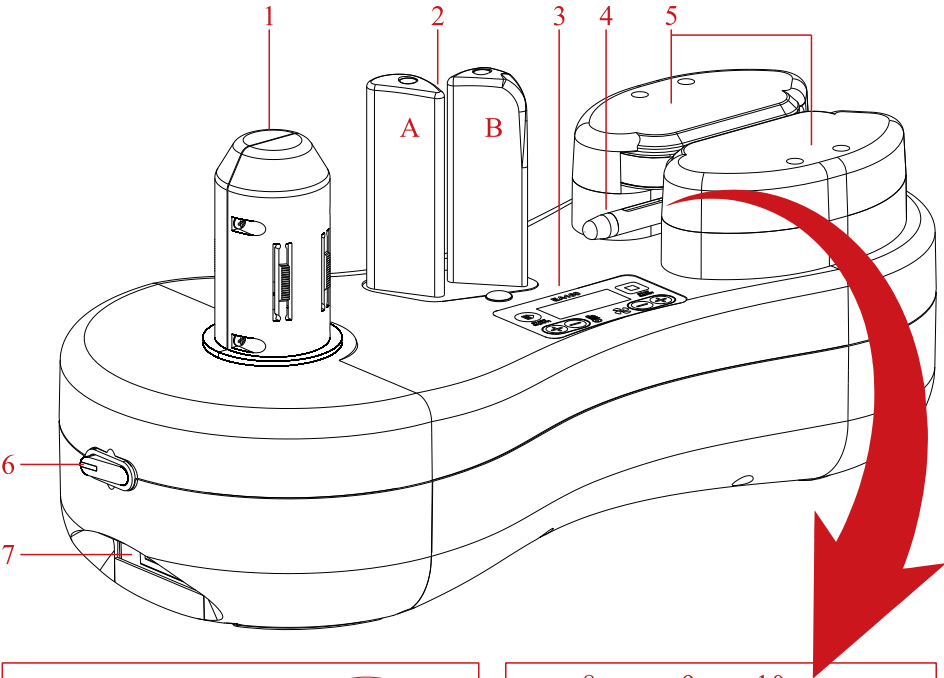
**2.Spec of air cushion film**

Model No	Type	Size(mm)	Model No	Type	Size(mm)
B201B	air pillow	200×100	E303B	bubble wrap	400×320
B301B	air pillow	200×120	E403B	bubble wrap	400×320
B401B	air pillow	200×150	SW-15	bubble wrap	400×285
B501B	air pillow	200×200	EA LOVE 01	bubble wrap	400×310

**Please Adopt E-AIR Original film**

In order to ensure the inflatable quality of air cushion film, you can use machine in the condition of stable performance, we recommend adopting the E-AIR original film and consumables.  
If using the non-original film and consumables to cause failure problem with machine, this is not within our warranty.

3. Product parts names



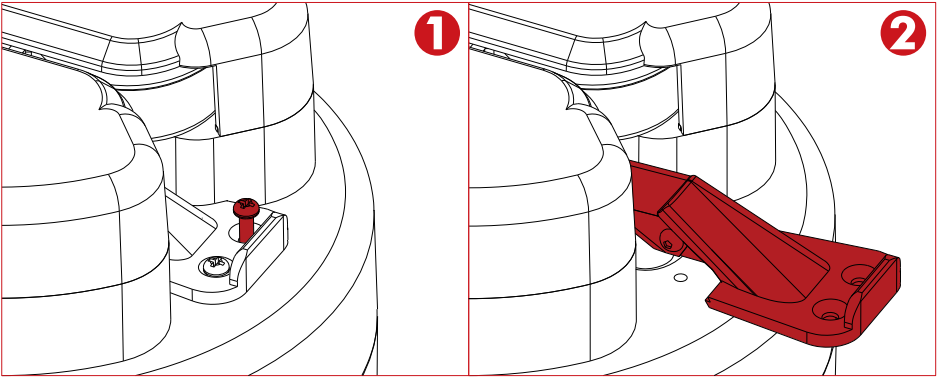
1、Feeding roller	2、Tension column A/B	3、Control panel
4、Air nozzle	5、Protecting cover	6、Power switch
7、Power socket	8、Heating element	9、High temperature belt
10、Conveyor wheel	11、Eccentric shaft	12、Alloy-steel blade

Replacement operation

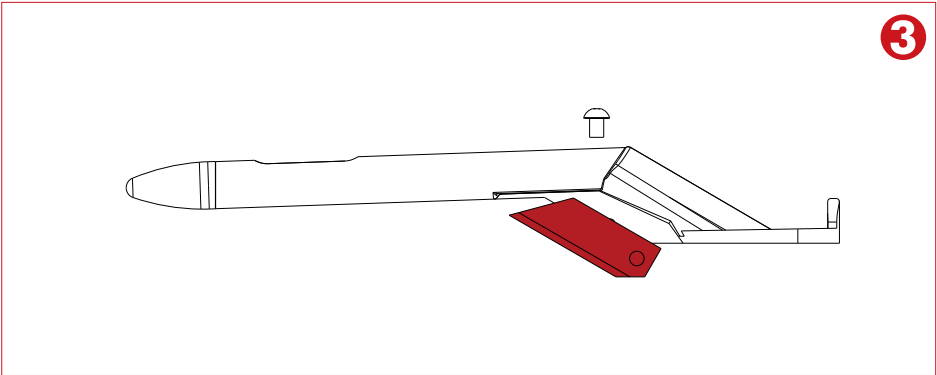
Please confirm the status of the machine regularly. If any parts are found to be seriously damaged, please replace them immediately.

1.Replacement for blade.(If the following failures are found ,please check it and replace the blade.)

- When the machine blowing film,it is jammed by the air nozzle.
- The gap of air cushion film is uneven, and the cutting is irregular.
- Rust appeared on the blade.



Use screw driver to unscrew the blade bracket.



Use screwdriver to tighten the screws on the blade.  
You may scratch your blade when changing the blade, so be sure to wear safety gloves.

※ You can purchase the blade on our website: [www.eairpack.com](http://www.eairpack.com)

## Set working time and start sealing

### Set working time

After long pressing the "STOP RESET" button, it will switch to the interface for setting the working time of the device.

The working time of the equipment can be set from one minute to two hours. (00:01~02:00)

The hours can be set by pressing the "+" and "-" buttons of the temperature.

The minutes can be set by pressing the "+" and "-" buttons of the air volume.

Press the "STOP RESET" button again to save the data and end the setting.

### In order to avoid equipment failure due to long-time idling

Long-term dry operation can cause equipment failure.

In order to avoid long-time idling, please estimate the working time of the equipment based on the remaining length of the packaging film before starting work.

Please set the time standard as the packaging film 280m≈25 minutes of running time. (12M/min)

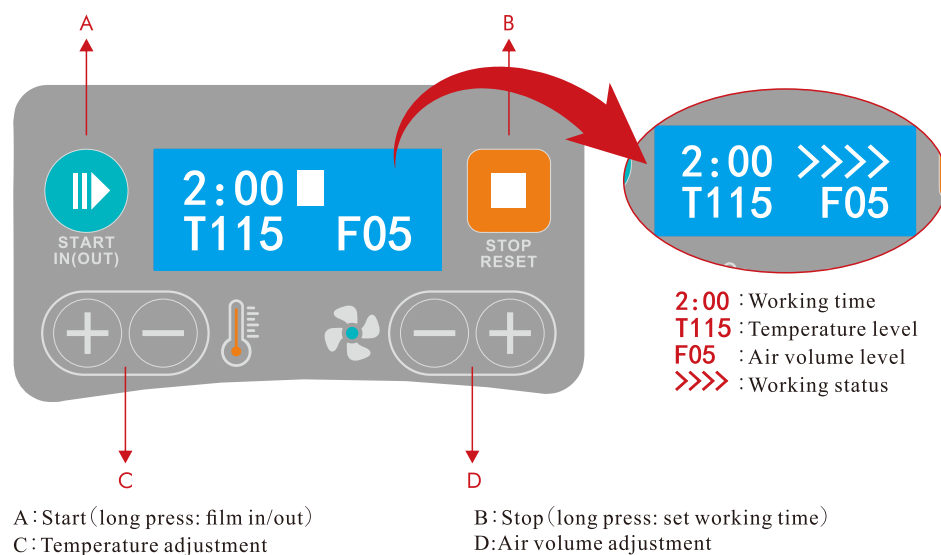
### Start sealing

① After setting the working parameters, press the "START IN (OUT)" button. At this time, the working status display changes from "■" to ">>>>>". It means the machine is working now.

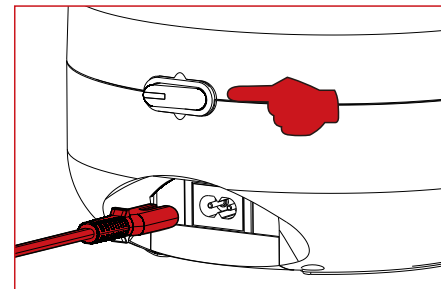
② After the setting working time ends, the machine will automatically stop.

③ If you want to stop the production of packaging film before the end of the machine working time, please press the "STOP RESET" button.

※ When the device is stopped by pressing the "STOP RESET" button, the remaining time will not be reset. After turning off the power to the device, the remaining time will be reset.



## How to install air cushion film



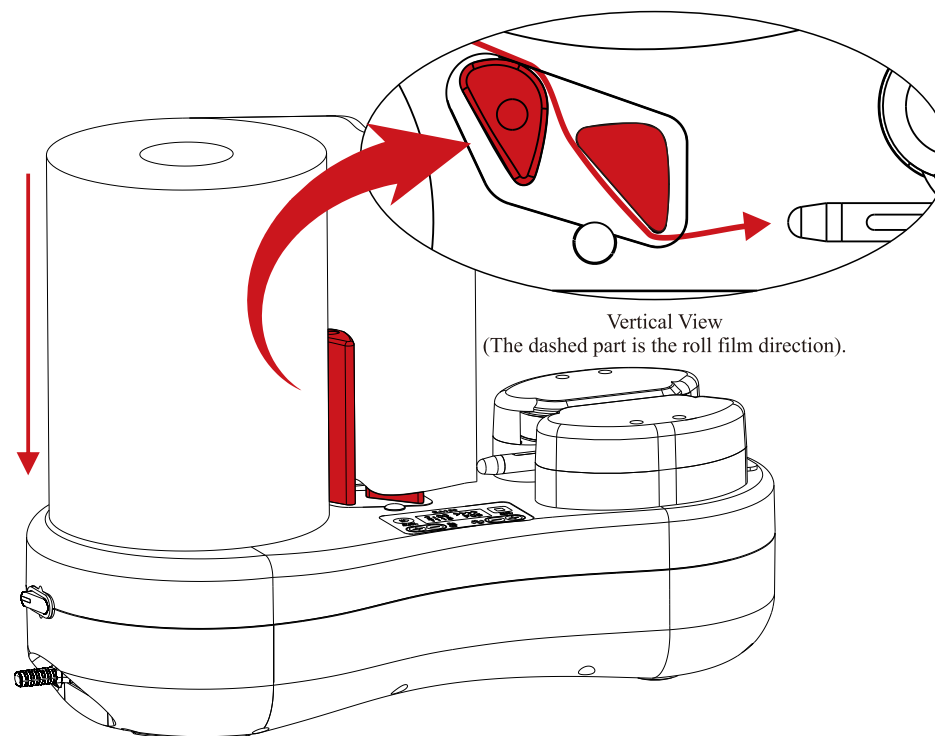
### I. Turn on the power switch

1. Connect AC power cable to the socket

2. Turn on the power switch.

After the device's power is turned on, it will perform self-test.

At this point, the motor drives the roller and confirms the operation.



### II. Install the air cushion film on the feeding roller

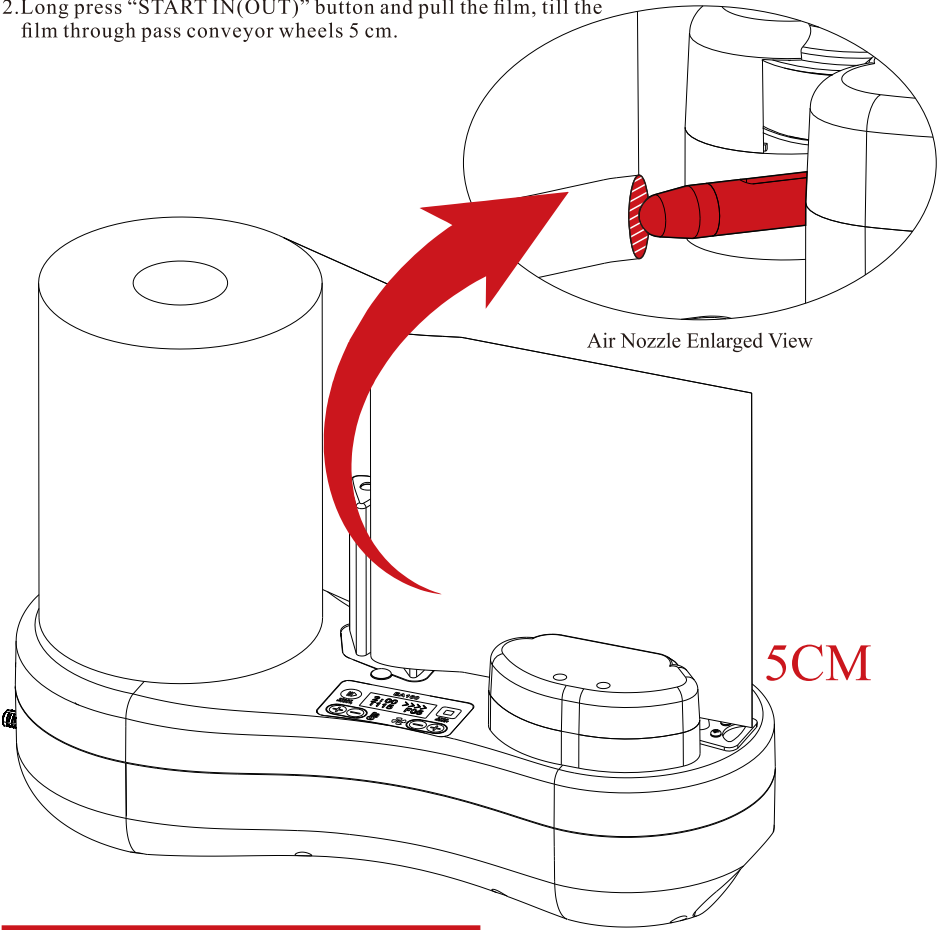
1. Load the roll film into the feeding roller.

2. Pull the film through the tension column to the air nozzle.

※ There is an injection mouth on the one side of roll film to connect to air nozzle.

III. Feeding into the air cushion film

- 1.Pass the injection mouth through the air nozzle.
- 2.Long press “START IN(OUT)” button and pull the film, till the film through pass conveyer wheels 5 cm.



It is over here for installing air cushion film

How to adjust temperature and air volume

1.Adjustment for temperature (T=Temperature)

Built-in temperature sensor, CPU will automatically adjust the sealing temperature according to temperature data. General film thickness is 20μm, the temperature is about T115℃, users do not need to adjust manually.

Temperature refers to the temperature of the hot-melt film. The "+" and "-" buttons for temperature setting are located on the left side of the control panel. The temperature range is from T80℃ to T180℃. Each time you press it, the temperature level increases or decreases by 1 level. You can also quickly increase or decrease the temperature level by long pressing the button.

When the packaging film is thicker, the temperature needs to be slightly increased. For every 5μm increase in the thickness of the packaging film, please increase the temperature level by about T5℃.

When this happens

- Air is not filled into the roll film.
- The air will leak out even if it enters the packaging film.
- The packaging film will leak air everywhere.
- If you find the above problems, please confirm the following points.
- 1. If there are small dots (small holes) on the hot-melt part of the roll film.  
→The melting temperature is too high. Improve by lowering one level temperature (T).
- 2. When air does not enter the roll film, even if it enters the roll film, it will leak out.  
→The melting temperature is low.Improve by raising the temperature (T) by one level.

2.Adjustment for air volume (F=Fan)

The parameters of air volume refers to the amount of air entering the roll film. The "+" and "-" buttons for air volume setting are located on the right side of the main control panel. The air volume setting level ranges from F1 to F40. Each time you press it, the air volume level increases or decreases by 1 level. You can also quickly increase or decrease the air volume level by long pressing the button.

The Model of Packaging Film	The Standard of Air Volume		The Model of Packaging Film	The Standard of Air Volume	
	EA160/EA200	EA150NB/EA100		EA160/EA200	EA150NB/EA100
B201B/200×100	5-8	5-8	E303B/400×320	35-40	35-40
B301B/200×120	5-8	5-8	E403B/400×320	30-35	25-30
B401B/200×150	7-10	5-10	SW-15/400×285	35-40	35-40
B501B/200×200	8-12	6-10	EA LOVE01/400×310	35-40	35-40

The air volume in the above table is the air volume when the packaging film thickness is 20μm. For packaging films with a thickness of more than 20μm, each 5μm increase in thickness needs to increase the air volume by level 5.

※If the air volume is too much, the wrinkles on the fusion part will increase, which will affect the air tightness. Problems such as air leakage may occur.

※The temperature and air volume can be changed during the machine working.