



H045PLUS

Roller inflator operation manual

Before installing and using the product, please read the instruction manual carefully, and keep it properly for backup

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1.0 About this operation manual

The purpose of writing this manual is to guide the operator to understand the position of each part of the system, and to learn the operation of the system and the troubleshooting of basic faults.

The content of this manual applies to the H045 PLUS Roller Inflator.

The meaning of each special symbol used in the manual:



"Lightning Shock" symbol: Indicates that there are un-insulated parts inside the machine that may cause electric shock if touched.



"Floater" sign: reminds the operator that it is prohibited to use it as a swimming ring, lifesaving floater, etc.



"Toy" sign: Reminds operator that use as a toy is prohibited.



"Pillow" sign: Reminds the operator that it is prohibited to use it as a pillow.

2.0 Safety Instructions

2.1 Important safety instructions

1. Carefully read and fully understand all the contents of this manual.
2. Before officially starting the operating system, please confirm the following:
 - Authorized dealers or technicians have carried out systematic training for operators.
 - The operator has read and understood all safety signs posted on the equipment.
 - Verify that the power source that powers the inflator meets the requirements of the machine and is grounded.

(Please refer to Section 3.3: Power Requirements)



Warning: When using the machine, you should press the stop button as far as possible, and then turn off the power when the machine stops.



Warning: Improper grounding may result in electric shock.



Warning: Beware of getting caught in the machine. Keep fingers, hair, jewelry, clothing, etc. away from the rollers and puller wheels while the machine is pulling, inflating, or sealing the film.



Warning: Beware of high temperature. Pay attention to the surface of the sealing roller, the high temperature roller may cause burns, please do not touch it.

3. Inflatable bags can only be used as packaging.

4. Before maintaining and repairing the equipment, please confirm the following items:

- Turn off the power of the system, unplug the power plug, and take measures to lock the power supply and mark the power off according to regulations.
- Solemnly declare: H045 PLUS roller inflator is only suitable for the film provided by our company. If you use a film not provided by the company on the H045 PLUS roller inflator and the equipment fails, the company has the right to immediately terminate the maintenance service for the equipment, and has the right to stop the supply of all raw materials and consumables.



Warning: Except for the "maintenance and repair" related operations described in this manual, it is forbidden to repair or modify the H045 PLUS roller inflator by yourself. All repairs should be performed by our representatives, authorized dealers or trained professional maintenance personnel. Our company will not be held responsible for equipment damage caused by failure to maintain as required.



Warning: Do not open machine safety covers except to perform film clearing as specified in this manual.

5. Periodically inspect the equipment to ensure:

- The wires of each component are not scratched, damaged or broken.
- No bags of debris left on the rollers
- All control and display components can operate normally.



Warning: During use, if you find that the system is abnormal, and there is a phenomenon that is inconsistent with the description in this operation manual, please turn off the system immediately, unplug the power plug, and contact our technical service representative.

6. Noise in the air

The maximum noise of the H045 PLUS roller inflator during normal operation is below 95 decibels. Please confirm whether this index value meets the local environmental noise standard.

7. Environmental conditions

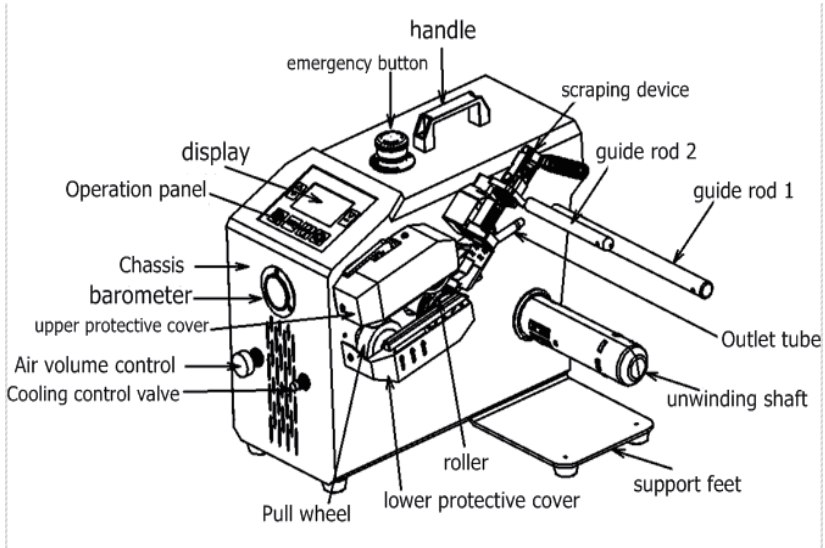
- Storage temperature: machine 0-43 °C ; film: 0-43 °C
- Operating temperature: machine 16-43 °C ; film: 16-43 °C



Warning: The film must be used under the above temperature conditions to achieve the best sealing effect. Films not stored at the specified temperature may be damaged and scrapped.

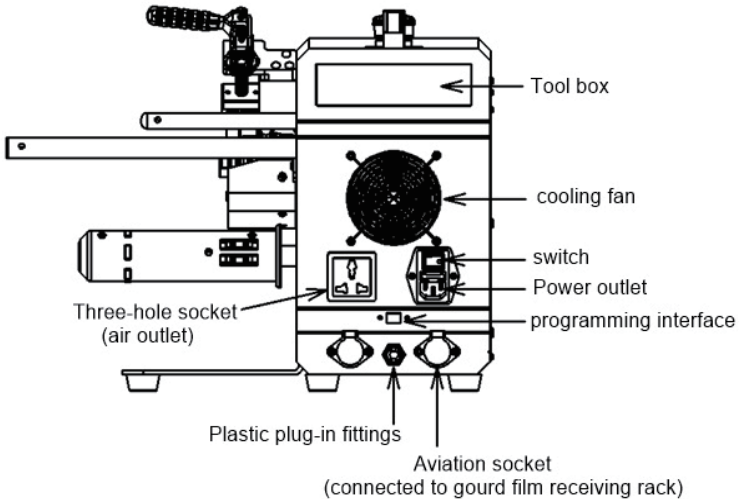
8. Potential Risks

Most parts of the H045 PLUS roller inflator are equipped with protective covers, but there are still a few parts exposed, so be careful when operating.

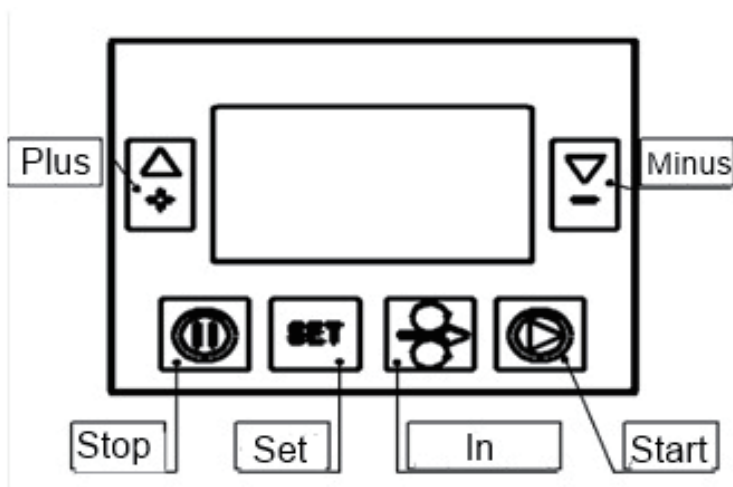


PIC-1 (Machine picture)

Note: The standard machine has no aviation socket and three-hole socket, which needs to be purchased separately



PIC-2 (rear view of the machine)



PIC-3 (machine operation panel)

3.0 Product Introduction

3.1 System introduction

H045 PLUS roller inflator is a brand new high-end gourd membrane inflator. Imported power accessories are used. Brushless motors can run longer than normal motors. Wide range of applications, faster speed, neater and more stable edge sealing, and fuller inflation. Its quality and service life are currently unmatched by other similar machines.

1. Basic parameters

Inflator size: 416MM*355MM*361MM (length*width*height)

Inflator packaging size: 500MM*420MM*450MM (length*width*height)

Net weight: 19KG

Gross weight: 21KG

2. Technical parameters

Product number: H045PLUS

Rated frequency: 50HZ/60HZ

Power connection method: Y

Air volume: 0.4MPA/min MAX

Speed: 25m/min MAX

Anti-shock category: Class I

Rated power: 450W

Heat sealing temperature: 70-199degrees adjustable

Input voltage: Factory default AC 220V (110V adjustable)

3. Operating Mode

3.1 Start/Stop Mode



Start ,  Stop.

3.2 How to operate

1. Install the discharge shaft, the guide rod, and the guide shaft respectively in the positions shown in Figure 1 (auxiliary tool: hexagon);
2. Connect the power cord to turn on the power supply, install the film on the discharge shaft, pass the film through the material guide and pull it to the middle of the belt, press the jog feed button, wait for the film to be pulled outside the inflator, and then press the start button to start inflation.

Note: If the power switch light is on but the display is not on, please check whether the emergency stop switch is turned on.

3.3 Fault code diagnosis and treatment

ERR01: The temperature sensor is abnormal, and there is a possibility of false alarm during cold start at low temperature. Press the pause button to exit and then start. If this alarm occurs frequently during operation or when the ambient temperature is relatively high, the temperature sensor has failed.

ERR02: The heating plate is over-current, and this alarm occurs. First, check whether the ironing wheel is damaged and whether the built-in heating plate before and after the ironing wheel is damaged. If it is damaged, please replace it.

ERR03: When the heating element is disconnected, this alarm occurs, firstly check whether the lead wire of the built-in heating element is broken before and after the ironing wheel, and if the lead is not broken, then check whether the power supply line connecting the lead wire of the heating element is broken. If the above is normal, the control board needs to be replaced.

ERR04: The motor is over-current, and this code appears to indicate that the motor has been overloaded, or the transmission part is stuck. If the above is normal, the motor should be replaced.

ERR05: Material is missing, no material detected.

ERR06: Fan over-current, fan failure.

If the above fault codes appear, please contact an authorized dealer or technician for further processing

3.4 Notes

1. Do not use it in a humid environment.
2. Before operation, please pay attention to the following matters:
 - If the system is not properly grounded, it may cause electric shock.
 - Do not open protective or access covers. Only authorized manufacturer or authorized dealer service personnel can open.

-Avoid fingers, hair, clothing and jewelry from contacting the rollers during handling or loading materials to avoid entanglement.

3. Inflatable bags are only used as packaging materials. It is prohibited to use it as a flotation device, pillow, children's toy, etc.

4. This type of inflator should not load more than 7KG of materials. It is forbidden to press heavily when loading materials, and it is forbidden to lean on it.

5. When the material is driven by the machine, static electricity will be generated, and the material itself also has static electricity. The operator cannot wear slippers or bare feet, otherwise the human body will become a conductor of static electricity, which will cause discomfort by the motor.

6. If the machine is used for a long time, if the film cannot run smoothly or is stuck, please replace the blade in time.

7. In the process of using the machine for a long time, if the edge sealing is not firm, the sealing is damaged, etc., please check whether the temperature is correct and whether the roller is damaged. If it is damaged, please replace it in time.

8. The speed and air volume of the inflator need to be adjusted together. The parameter values of different types of membranes are different, and there is no fixed standard value. You need to adjust and record by yourself.

Prohibited: The equipment is prohibited from running without material!!!

3.5 Power Requirements




Warning: Improper grounding may result in electric shock.



Warning: The use of terminal blocks can increase static electricity, and electrostatic discharge can create operational problems and discomfort to the operator. The power requirement of the H045 PLUS roller inflator is AC 220V (110V adjustable), unidirectional grounding, working current average 2 amps, peak current 3.5 amps.

3.6 Material Storage

 **Warning:** The use of films not provided by our company will cause poor bag making problems, and may damage the machine, as well as affect the protection effect of the air bag.

The operating temperature range of the film is 16-43° C. The film should be used within this temperature range to achieve the best sealing effect.

3.7 System Composition

1. Main power switch

This switch is located on the back of the machine and is used to turn the system ON and OFF.

2. Start/stop; IN button

It is used for the operator to control the machine to start running or stop running; the IN key is the jog feeding function key

3. Main power cord

Plug the power cord into the appropriate power outlet, see Section 3.3 "Power Requirements".


4. Control Panel

Button panel: used to operate and set machine-related values

Display screen: visual operation, know the parameters of the machine.

5. Machine back cover

Inside the rear cover of this machine are the electrical and mechanical parts of the machine.

 **Warning:** Do not open the rear cover of the machine. Only the company's representatives and authorized maintenance personnel can open it.

6. Unwinding shaft

It is used to install the film roll, so that the film roll can be fixedly supported, and the film roll can be rotated and fed to the machine for inflatable sealing operation.

7.Side seal assembly

For placing devices such as trachea, blades and heating modules, the inflatable bag can be cut open and then heat sealed



Warning: The heating module is hot, be careful of burns.



Warning: Beware of getting caught in the machine.

8.Film roll

The film roll formed by the continuous film with airway holes can be inflated, sealed and bagged by the H045 PLUS roller inflator.

9.Emergency stop switch

The emergency stop switch is not intended to be used in place of the pause/stop button.

4.0 Maintenance and Repair

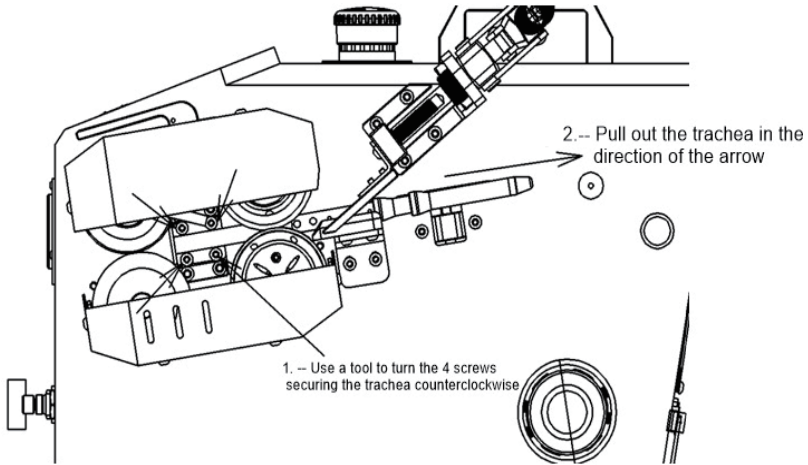
4.1 Preventive maintenance



Notice: When maintaining and repairing the H045 PLUS roller inflator, be sure to turn off the machine first and unplug the main power cord from the socket.

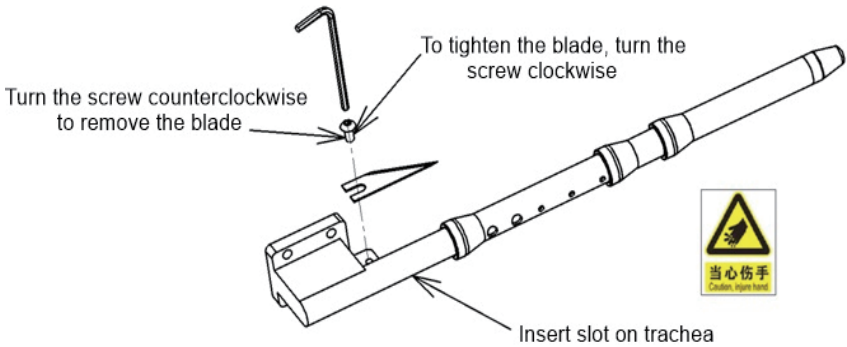
maintenance cycle	content	describe
Monthly	Cleaning	1. Open the upper and lower protective covers of the machine, and blow out the dust and debris inside; Wipe the surface of the ironing wheel with a cotton cloth dipped in alcohol. 2. Check the machine parts for abnormal wear;
Year	Contact	1. Arrange an on-site inspection; 2. Contact the authorized dealer, or contact the company's technical service representative to check the equipment.

4.2 Replacing the blade



PIC- 4 (Blade removal and installation diagram 1)

Take out the trachea as shown in PIC- 4, loosen the blade fixing screw to replace the blade (as shown in PIC- 5) and put the trachea back in place.



PIC-5 (Blade removal and installation diagram 2)

H045 PLUS

