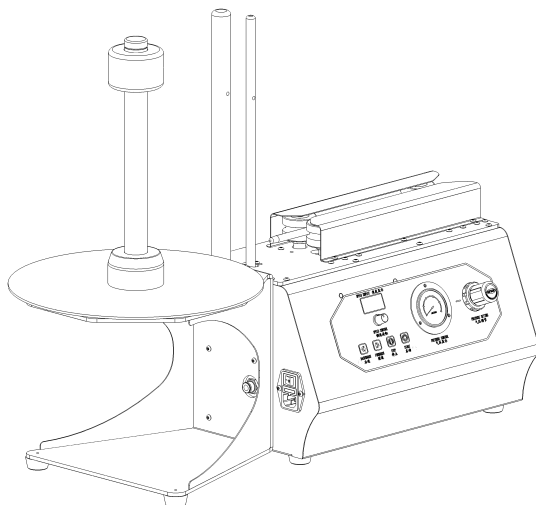


Air Cushion Machine User Model #Q15

All-in-one On Demand Multi-function, Fast Speed: 15m/min



Suitable Films 适用卷膜类型

Our machine can produce below different films:

Air Column Machine inflate Air Column Roll



Air Column Machine
inflate Air Column Bag

Q-shape Bag



Air Column Machine
inflate Air Column Bag

Q-shape Bag

L-shape Bag



Please read the instruction manual carefully, before installing and using the product. (please keeping properly)

1.0 About Operation Manual

This manual is for guiding operators to know the positions of various component of inflators, learn how to operate the system and eliminate general faults.

This manual for Q15 Air Filling Machine.

Special Symbol's Definition and Suggestion:



"Lightning Flash" : uninsulated parts inside the machine, touch may cause electric shock.

"Float" : Do not use it as a float.

"Toy" : Do not use it as a toy.

"Pillow" : Do not use it as pillow.

2.0 Instructions for safe use

2.1 Safety Information

1.Please read carefully and understand completely all the information of this manual.

2.Please confirm the following matters before operating system:

- The authorized resellers or technicians have trained the operators systematically.
- The operator has read and understood all the safety signs posted on the device.
- Ensure the air filling machine power part--the power source to meet the demand of machine, and connect with safety grounding device.

(please refer to 3.5: Power requirements)



Warning: Improper grounding may cause electric shock.



Warning: Do not open the machine cover. the cover disassembling should be only done by authorized technicians or the qualified maintenance man after training.



Warning: Be careful of rolling into the machine! when machine starts to pull the film, inflate the film or seal, please keep finger, hair, jewelry, and clothes away from the sealing roller.





Warning: Be careful of the high temperature, no touch the surface of the sealing roller, high temperature sealing line may cause scalding!

3. Inflatable bag should be used only as packing:

4. Please confirm the following matters before maintaining and repairing equipment:


- Turn off the power and unplug it.
- Important Noted: Q15 air inflator can only be used for our company's film. if use with the film not provided by our company, we have the right to terminate the maintenance services immediately and stop to supply all the related raw materials and consumption components.

 **Warning:** Except the description of this manual's "Maintenance & Repair", please do not attempt to repair or modify the Q15 filling machine. All the repairing should be carried out by representatives of our company, authorized distributor or professional maintenance personnel trained by our company

 **Warning:** Please do not open the safety cover except for executing to exchange the specified blade, belt, adhesive tape of this manual.


5. Check the equipment regularly to ensure

- The wires of all parts are not scratched, damaged or exposed.
- No debris remains on the belt
- All control parts and display unit are running normally.

 **Warning:** Any abnormal phenomenon appeared during processing , please turn off the system immediately, unplug the power plug and contact our technical service representative.

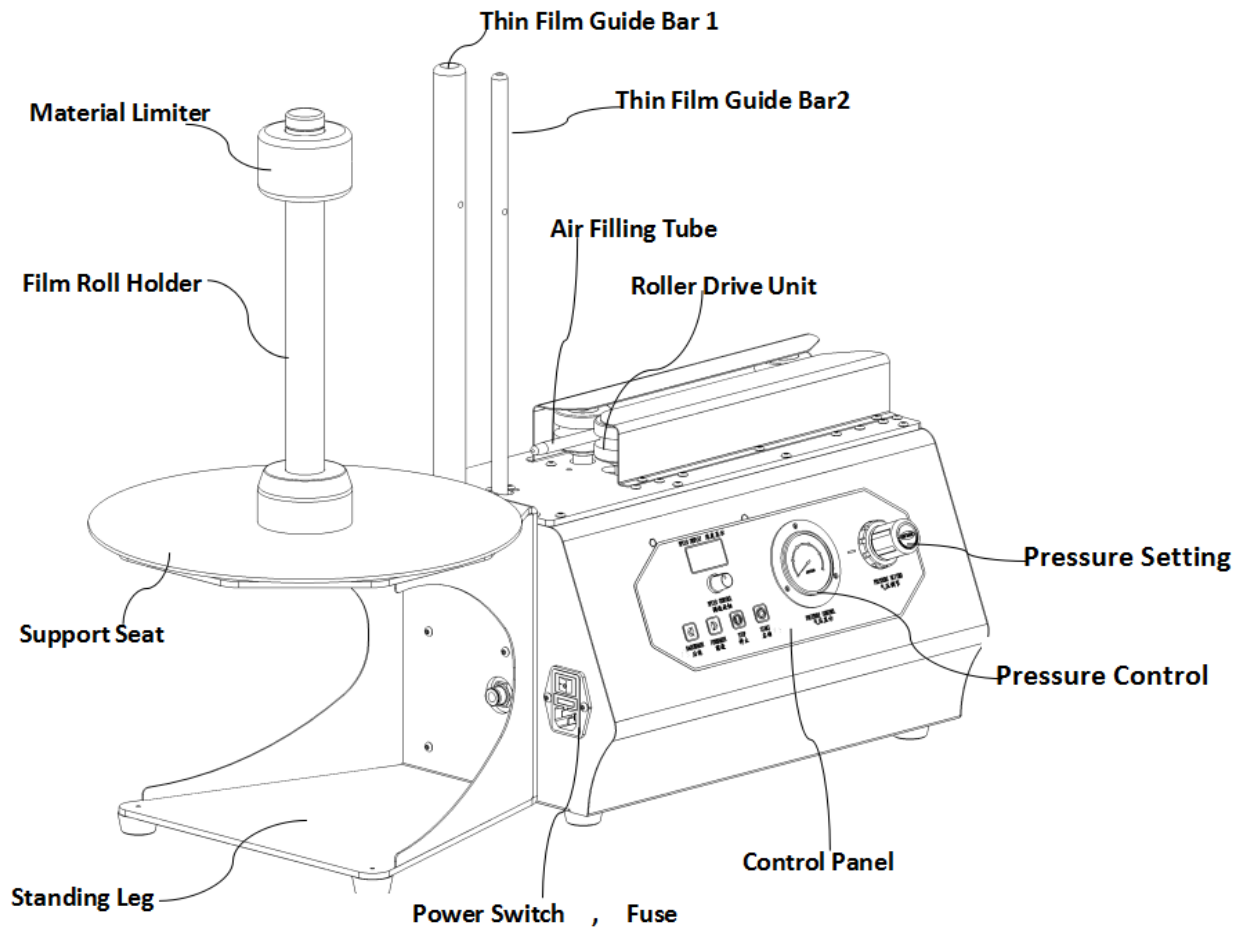
6. Environment Conditions

- Storage temperature: Machine: 0-43°C; Film: 0-43°C
- Operating temperature: Machine 16-43°C; Film: 16-43°C

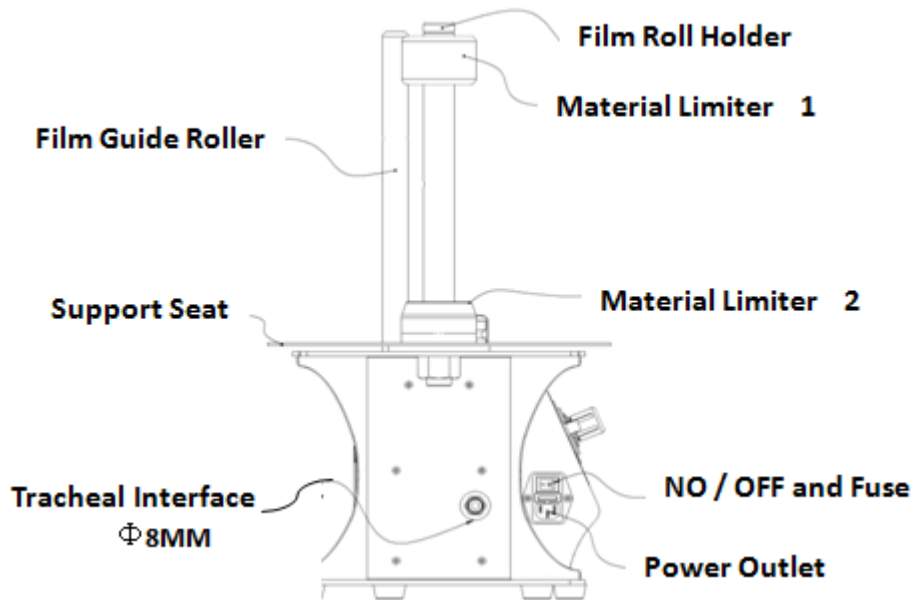
 **Warning:** The film can only work well (good seal effect) when placed at the above temperatures parameter range, if storage in the environment exceed/below above temperature range, might cause the film broken.

7. Potential risks

Even though most of part of Q15 equipped with protecting cover, still some parts have not been covered , please be careful during operation.



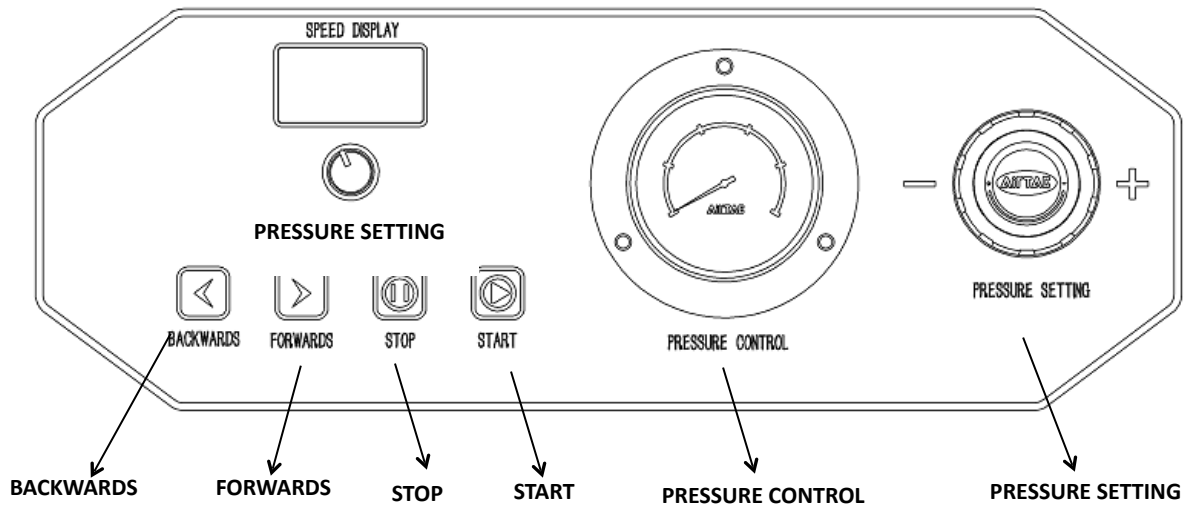
Pic 1 (Product full figure)



Pic2 (machine rear view)

SPEED DISPLAY





Pic 3(Operation Panel)

3.0 Introduction

3.1 System Introduction

Q15 is an innovative auto air column inflation machine, which saves labor cost effectively, and avoid the bag broken caused by the unstable air-charging, excessive air volume from traditional manual inflation, reduce the broken rate of product effectively. Q15 with faster speed, more stable air pressure and better efficiency comparing with the manual inflation. It's available for 15cm-100cm packing material like air column bag, U type air bags, L type air bags, etc. (note: need connect air compressor)

Parameter

Dimension: 760MM*340MM*610MM (L*W*H)

Net weight: 22.8KG

Package Dimension: 790MM*400MM*380MM (L*W*H)

Gross weight: 25KG

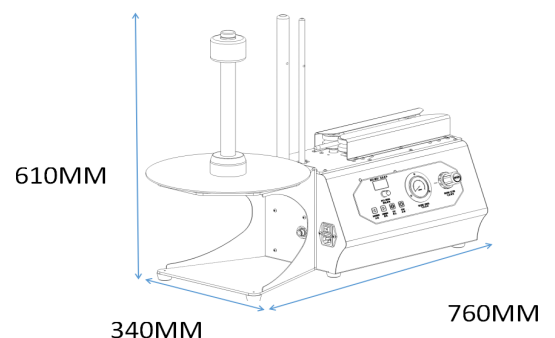
Technical Parameters

Model: Q15 Input voltage: default AC 220V (110V adjustable)

Rated power: 320W Rated frequency: 50HZ/60HZ

Power connection: Y Speed: 15m/min MAX

Air volume: Adjustable Anti-electric shock sort: I



3.2 Modes available:

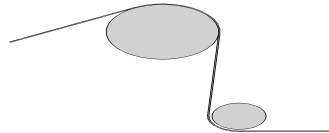
- Common method

Press the Start/Stop button to start production, then press the Start/Stop button to stop making the bag.

- Automatic mode
- If it is equipped with our company's winding film shelf, it can realize continuous and automatic winding operation.

3.3 Operation Details

1. Install the film shaft into the film container, install the feed rod as Pic1 shown(auxiliary tool: screwdriver),air compressor tube connects with machine tube
2. Place the film vertically on the film shaft;
3. Connect the power cord, make the film bypasses feed rod, pass through the air pine and pull it into traction wheel, press the auto-feed button, then after the film been pulled out of the filling machine, press the start button for filling air.
4. Adjust the air volume according to differ air column material, no rated rule, flexibility adjust suggested.
5. Method of winding film:



3.4 Error Code meaning and processing

E01: Material shortage alarm,solution:1,check if the material/film are running out, if so, reload the material/film, clean the alarm and restart.2,code wheel piece deformation, so that the code wheel can not detect the film, adjust it with pliers.3,optoelectronic switch do not light or light frequently, contact the factory.

E02: backup.

E03: Motor over-current alarm,solution:1,check is any film/material/object rolled into silica wheel or delivery shaft, if so, clean the silica wheel and delivery shaft,2,check if the resistance of film/material exceed the machine operation range, if so, contact the factory,3,any other problems, contact the factory.

3.5 Attention

1. air column machine need connect with air compressor, the air pressure must exceed the pressure in the air column machine's barometer, if increase the air pressure continuously, the air column still not full, please check if the pressure of outside connect air compressor sufficient or not, air compressor connected should be 5kgf/cm^2
2. If there are one or more air column have been found not full or not even blown occasionally, please contact provider of column bag material to check if any bag into air valve.
3. Do not running the machine without material, or not feed the material long time while material shortage.
- 4.Check the blade regularly, if any wear founded, please replace blade in time.

Important noted: Do NOT running the machine without material!!!

3.6 Power requirements



Warning: Improper grounding may cause electric shock.

Warn: Using with Wring board will increase the static electricity . the static electricity may cause operational problem and make the operator feel uncomfortable .

For normal operation , the power of Q15N should be AC 220V , average current should be 2A ,.Frequency 50 hz/60hz.Rated power 320W.The machine has grounding wire, please use single-phase three-wire system power cord, the use of the grid must have a reliable grounding, otherwise static electricity cannot be discharged, the human body will become a conductor of static electricity, and feel uncomfortable after electric shock.

3.7 System Composition

1. Main power switch: NO / OFF

The Main power switch located the back of the machine, function to turn on/off the system.

2.Start/Stop switch

Used by the operator to control the start or stop of the machine.

3.Pressure Setting


Adjust the air pressure of the machine and control the air volume.

4.Speed control

To adjust the rate at which the machine inflates.

5.The side sealing

Inside are machine parts.

 **Warning:** Do not open the side cover, we only suggest its opened by our company representative and authorized maintenance personnel.

6.Support seat

The fixing device consists of several parts which are used to place the coil film and transfer it to the machine.

7.Film roll

Plastic coil with sealing valve can be inflated by Q15.

4.0 Maintenance & Repair

4.1 Preventive maintenance



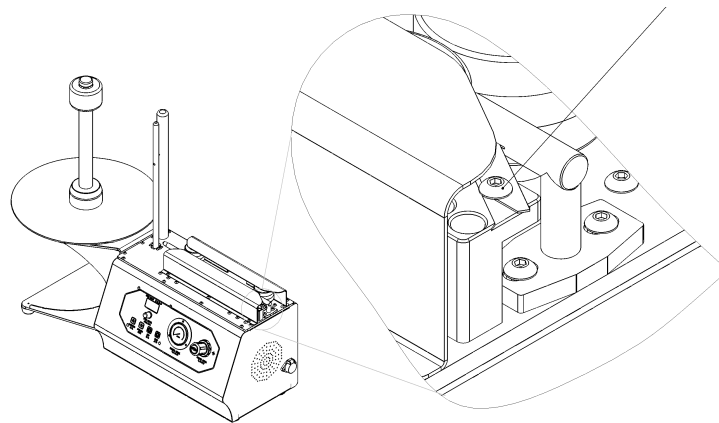
Warning: Before maintain or repair the Q15,please do remember turn off the machine, and plug

the Main power cord from the socket.

Maintenance cycle	Detail	Description
weekly	Check & clean	1.open the belt cover of machine, blow off the dust; 2.check if any abnormal abrasion machine component.
every month	contact	1.Arrange an on-site inspection; 2.Contact the authorized distributor or our technical service representative to check the machine.

4.2 Replace the blade

Turn the screw counterclockwise to replace the blade.



Pic4(Picture of Blade replacement)

Loosen the blade and fixed the screw to replace the blade as pic4 shown.

Note that the blade should be properly placed in the blade slot.