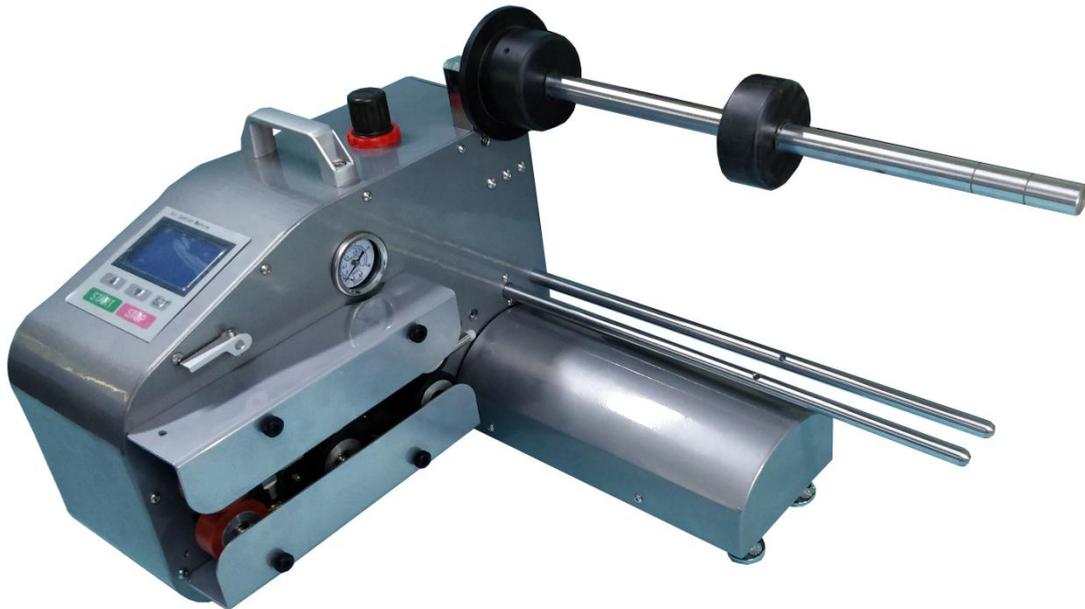


Column Air Machine

Operation Instructions



Summary

Column Air Machine Mini buffer gas column machine is developed on the basis of the original foaming machine. Compared with the other similar machines, the fuselage is small and exquisite, and the shell is more sturdy and durable. It has a series of characteristics, such as simple operation, fast running speed and so on, and its various characteristics make it better meet the needs of industrial production. Its advanced concept, excellent system and stable performance have been recognized by the majority of users.

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Content

2.0 Product overview

Driven by advanced science and technology, the related technologies of electronic products are changing rapidly. The development of global electronic products is moving towards a compact and concise way. More space saving, easier operation, more and more favored by the vast number of consumers. In view of this, our company has developed the latest automatic inflator and Column Air Machine on the basis of manual inflation.

Column Air Machine and the same type of product have more compact size, more concise operation, more stable performance, for this it has more suitable for long-term production work, and save the effective space occupied by the machine in production work and a series of excellent characteristics.



- The cushioning air cushion packaging system is used for the packaging site, which is immediately made into a cushion gas column according to the needs of the field, that is, to remove the problems of transportation and storage of traditional materials. It can be used on the desktop and can be used to produce different buffer gas columns according to the types of film rolls.
- Save money – the system saves a lot of cost and storage space compared with traditional cushioning packaging solutions.
- Save space – small machines can be placed on any desktop, saving more space.
- Fast – it can produce 25 meters of cushioned air cushion per minute.
- Versatile – can be filled with different gas cylinders to suit different needs.
- Operating – – Easy to operate and only seconds to change the film.
- Application – wide application, bag filling, electronic industry, mail order, online shopping, logistics, direct selling, auto parts, aeronautical parts, military, model hangers, electric tools, pharmaceutical, cosmetic,

crafts, ceramics, glass, and transportation.

2.1 Gas column use:

Packing, electronic industry, mail order, online shopping, logistics, direct selling, auto parts, aeronautical parts, military, model hangers, electric tools, pharmaceuticals, beauty and cosmetics, crafts, ceramics, glass, all vulnerable products in the transportation process

2.2 Excellent characteristics

2.2.1 The design structure is reasonable and the operation is succinct

2.2.2 Metal shell, not easy to damage

2.2.3 Digital panel can set pressure, speed and quantity freely

2.2.4 Membrane rack is humanized to facilitate single loading and unloading of buffer film

2.2.5 The design of the fuselage is small and flexible, with less space and fast working speed. It can be applied to most places.

2.2.6



- ✓ **Long life:** Brushless motor, no hidden danger of service life.
- ✓ **Super quiet:** sine wave control, reduce noise.
- ✓ **Intelligent type:** set the number of meters automatically shut down, no membrane automatic shutdown
- ✓ **More safety:** automatic shutdown of faults to avoid potential safety hazards
- ✓ **Super high speed:** the speed is up to 25 meters per minute.

2.3 Technical parameter

Power: 220V 50--60HZ

Rated power: 150W

Running speed: 0-25m/min

Weight: 15KG

Shape size: 400*390*303mm (L*W*H)

Film volume specification: W:200mm~800mm、L:50m~300m

3.0 System overview

3.1 System description

The cushioning gas column packaging system is used for the packaging site, and the material is immediately made into a buffer gas column according to the needs of the field, that is, it needs to be taken, and the transportation and storage problems of the traditional materials are eliminated.

3.2 Operating procedure

The operator loads the material rolls onto the support shaft of the machine.

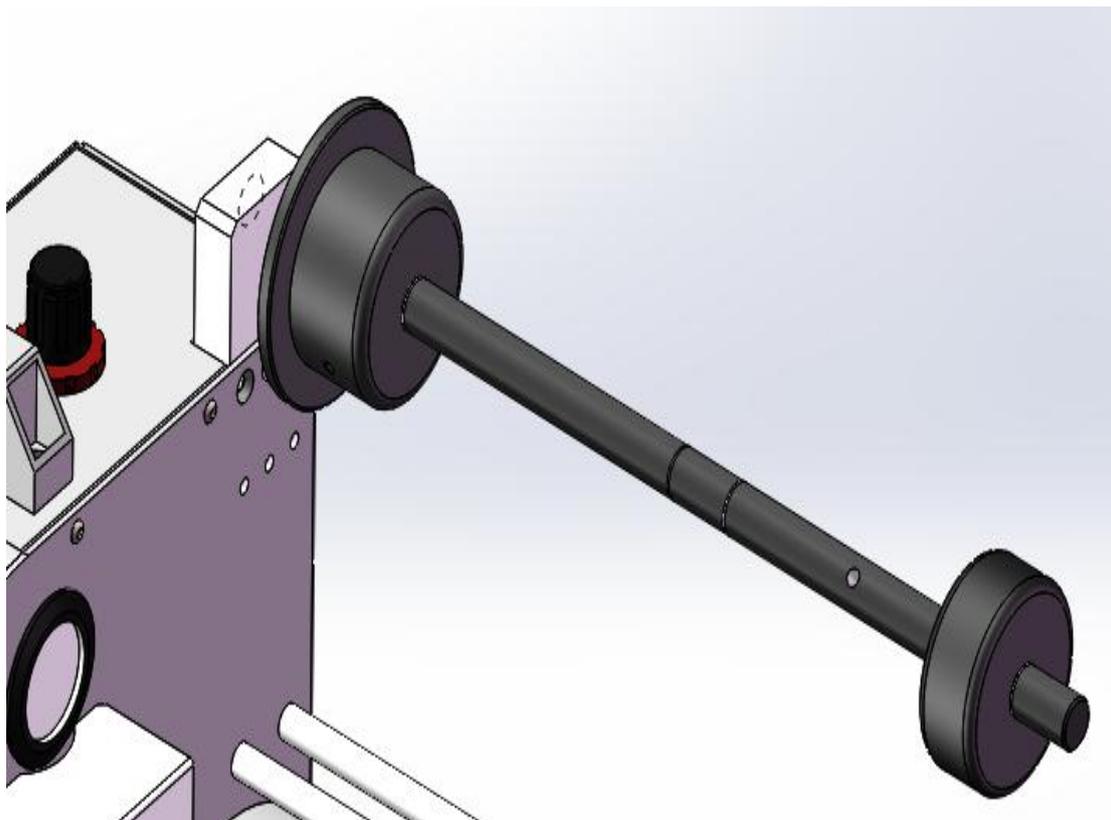
Switch the switch to the ON position and press START.

The material is transmitted and inflated.

3.3 System components

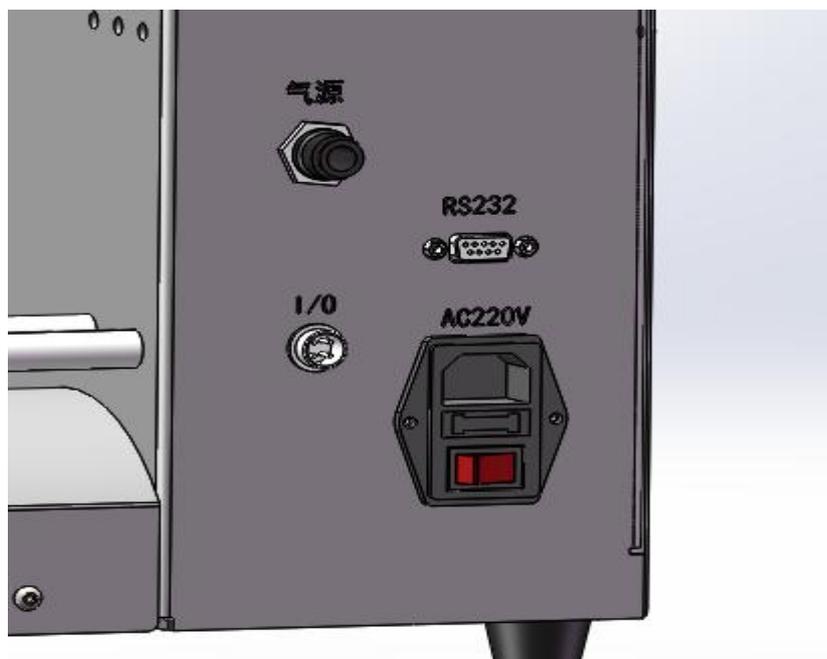
1. Supporting shaft and its accessories

Install the bearing shaft to the following diagram



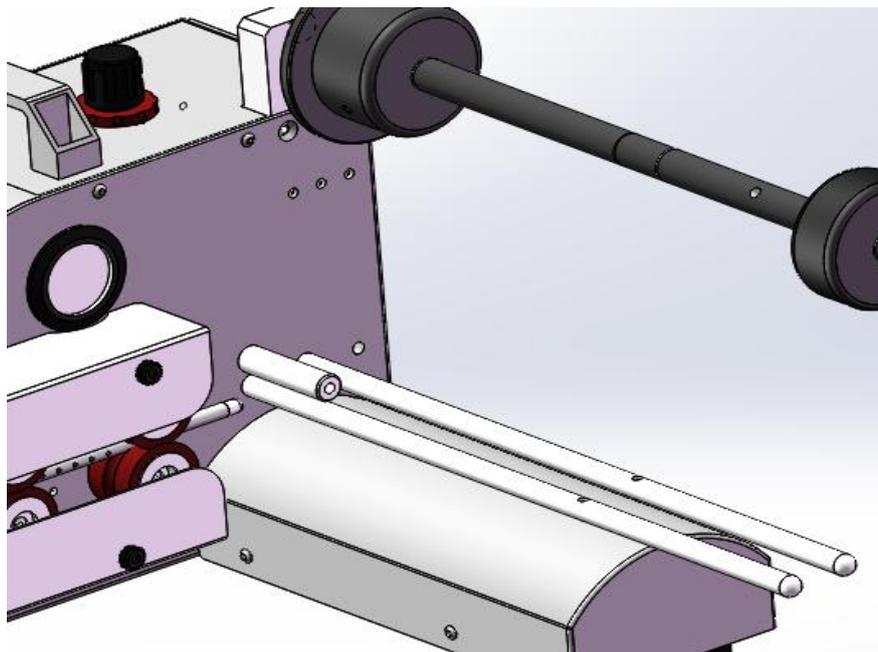
2. Power line, gas source line

Connect the power cord to the rated voltage socket, and connect the gas source to the gas source connector.



3. Guide shaft

The guide shaft is installed under the supporting shaft.



4.0 Digitalpanel and operation description

1. Control panel picture



2. Panel Introduction

▲ : Add button

▼:Reduce button

SET : Setting parameters

START :Press the key Equipment start work

STOP:Press the key Equipment stop work

3. Operation Description :

- (1) After electricity, enter the start KEY interface
- (2) The length is controlled by the SET button. The number of flicker on the display interface is set by the SET key, the adjustment of the button, the speed, the quantity, the film type, the language option and the film without the film.
- (3)After the adjustment is finished, keep the long press SET key
- (4)After storage, start running at the START key



- (5) Selection of film type: to interface to page second, PRODUCT (0~4): 0

(6) LANGUAGE (0~1): 0

0 represents the Chinese operating system

1 represents English operating system

(7) The NO FILM STOP:1

1 indicates that the current setting of the membrane less machine will stop automatically.

5.0 Matters needing attention

5.1 Matters of attention

1. Please do not use it in a wet environment.
2. Before operation, ensure that the following conditions are met:



Warning! If the system is not properly grounded, it may cause electric shock.



Warning! Do not open the cover or overhaul cover. Only authorized distributors or maintenance personnel can open.



Warning! Avoid fingers, clothing and jewelry from contacting with rollers during operation or loading of materials. Tight bun.

3. The inflatable bag is only used as a packing material.



Warning! The bag is not used as a floating device.



Warning! The bag is not used as a toy.



Warning! The bag is not used as a pillow.

5.2 Maintenance and maintenance

5.2.1 Preventive maintenance



Warning! During maintenance or maintenance, keep the machine control switch closed and unplug the power cord.

Machine maintenance	Matter	Operation
Weekly	Clean	Clean up all dust and debris, including active rollers and material sensors.
Monthly	Overhaul	Check the loss of parts: <ul style="list-style-type: none"> • Intermediate rubber wheel • Round blade
Annually	Contact Customer Service	Arrange site system maintenance: <ul style="list-style-type: none"> • Authorized dealer overhaul

6.0 Troubleshooting

6.1 Making air bag related problems

Questions	Reasons	Suggested solutions
6.1.1 material stops conveying - the roller on the inflatable device stops running.	1. system closure 2. material inductor is not inducting action - pre designed membrane free automatic closing system. 3. the power cord on the controller or socket is not connected. 4. power supply interruption. 5. fuse of the system fuse. 6. electrical fault or mechanical failure	<ul style="list-style-type: none"> • Open control switch • Re close and turn on the control switch adjust the sensor position. • Check whether the power cord is connected to the controller and the rated voltage socket. • Check the power supply of the equipment. • Change the fuse - see 5.2.1 to replace the fuse. • Contact the authorized dealer.

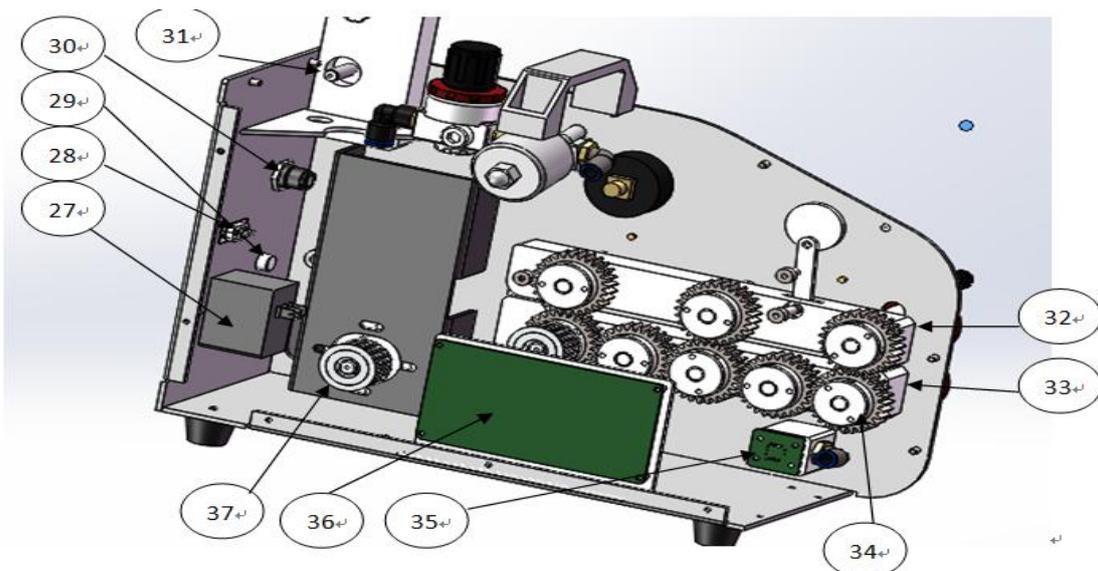
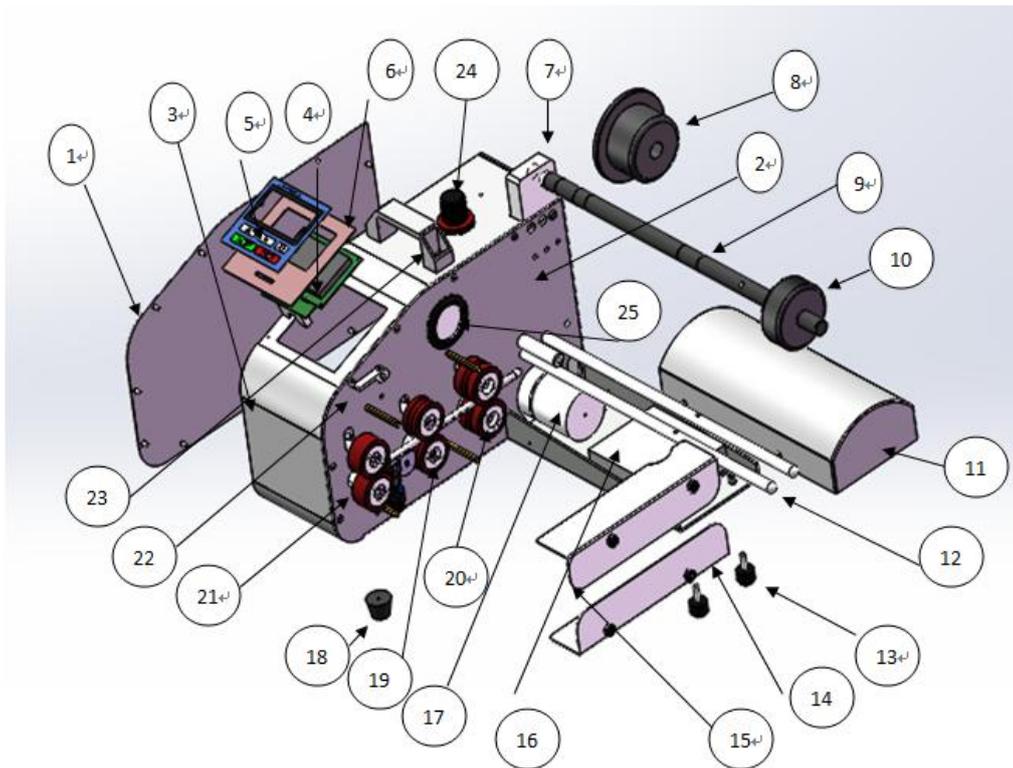
Questions	Reasons	Suggested solutions
6.1.2 Material is sent to normal, and the bag is not inflated.	1. the power cord of the solenoid valve is not connected with the controller. 2. electrical fault or mechanical failure. Too small pressure regulating valve.	<ul style="list-style-type: none"> • Connect the power line of the solenoid valve to the controller. • Contact the authorized dealer. • Adjust pressure regulating valve knob to adjust air pressure.

Questions	Reasons	Suggested solutions
6.1.3 (1) material is delivered normally, the packing bag has been inflated, and is not sealed.	1. the volume of the material is not loaded correctly. 2. the volume of the material itself is defective. 3. electrical fault or mechanical failure.	<ul style="list-style-type: none"> • Reload the material. • Load another material. • Contact the authorized dealer. • Adjust the pressure valve, speed. • Contact the authorized dealer.
(2)	1. the pressure is too	

<p>The coil is ejected from the inflatable pipe head during the operation of the machine</p>	<p>big, or the speed is too fast.</p> <p>2. mechanical structure problem</p>	
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Questions	Reasons	Suggested solutions
<p>6.1.4 air bag is leaking.</p>	<p>1. The volume of the material is not loaded correctly.</p> <p>2. The volume of the material itself is defective.</p> <p>3. Electrical fault or mechanical failure.</p>	<ul style="list-style-type: none"> • Reload the roll of material; • Loading another material • Material rewinding factory – contact the authorized dealer; • Contact authorized dealer.

7.0 Machine Part Drawing



NO.	Name	NO.	Name
1	Backboard	22	Spanner
2	Shell plate	23	handle
3	Shell	24	Pressure regulating valve
4	Display	25	Pressure gauge
5	Pad pasting	26	COM
6	Sticker plate	27	Power socket with filter
7	Retainer shaft fixer	28	COM
8	Film reel fixation	29	Aeronautical plug
9	Support rod	30	Gas source joint
10	Film coil fixation 2	31	Film walking sensor
11	Motor cover	32	Body parts
12	Guide rod	33	Under mechanism
13	Adjustable footing	34	Gear fixed part
14	Rubber wheel cover	35	Pressure sensor
15	Top cover of rubber wheel	36	PCB
16	Power	37	Synchronous wheel
17	Motor		
18	Footing		
19	Narrow slotted rubber wheel		
20	Slot wide rubber wheel		
21	Rubber wheel		

8.0 Contact us

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