
DZ-260 Vacuum Packing Machine

Manual Book

Please note: Before operation, please make sure there is enough vacuum oil in motor. Or it will lead machine broken!

1.Summarize:

This model is newly designed product of my factory which not only contains the features of common models but also has new advantages. The machine body can be easily lift up so it is very convenient for daily maintenance. This machine can pack grain (Food, local specialty, medicine, electronics, hardware..), powder (coffee, wheat...), paste(ketchup, honey, seafood...). The main principle is the air in bag is inhaled and the bag is sealed at the same time. This can constrain the propagate of organism, food oxidize and rotten which can prolong the valid time. Some loose products are easy to transport and store after packed.

2.Features:

The packing film adopts plastic compound film or plastic aluminum foil compound film. The packaged production can avoid to oxygenizing mildewing, rusting,wetting and pro-long the reserve time. The cover is transparent organic glass. The user can see the whole packing process easily.

3.Main parameters:

Model	Chamber size	Packing speed	Source	Motor power	Sealing power	Exhausting power	Dimensions	Weight
DZ-260	380*280*50	1-3tims/min	110V/220V	370W	700W	2.8L/s	480*330*360mm	35kg
DZ-350	390*350*170	1-3tims/min	110V/220V	950W	1100W	5.5L/s	570*440*550mm	70kg
DZ-450	460*450*170	1-3tims/min	110V/220V	950W	1200W	5.5L/s	560*520*460mm	78kg

4.Structure and working principle:

The machine is consisted by organic cover, chamber room, machine body, electrical components and vacuum system. The heating device is fixed in the chamber room. The healing element is nickel-chromium and fixed on sealing bar which is absolutely isolated from the machine. The air bag is closely knit on sealing bar. When sealing, the air bag will expand rapidly and it will press heating element firmly to accomplish the sealing bag. The sealing tempt. and time can be adjusted on the machine.

The voltage of heating sealing transformer can be changed into three kinds: 28V, 32

The voltage can be interchanged and it will lead the heating sealing tempt. The heating sealing time can be adjusted on the panel board.

The vacuum system is composed by heating sealing solenoid valve YV1 and gas release solenoid valve YV2. When vacuum pump works , the air is bleed from the machine. The pump will stop to work when the vacuum degree reaches. The next control system will work following. The pump adopts sliding-vane rotary type.

5. Qualification:

- 1).Air-inhale time: 0-99s
- 2). Heating sealing time: 0-3.5s
- 3) Tempt.: High, Middle, Low, None

6. Usage:

- 1).Air-inhale time

①The Nixie tube indicates “___” means standby mode when open the machine

②When dial the “ Vacuum” button one time it will show original. Dial “ Increase” or “Decrease” button to adjust the vacuum time. It will return again when dial “ Vacuum” button.

- 2). How to set sealing time

Under the stand by state, Dial “Seal” button first and then set the needed sealing time according to dial “ Increase” or “Decrease” button.

- 3). How to set sealing tempt.

Dial “Sealing tempt” button to select the right level

- 4). Work process

Press the organic cover and the machine will work automatically after set all parameters on machine. Below are the main working steps: ①Inhale air→②Seal→③Tempt. retain 2 seconds→④Exhaust air→⑤standby mode。 The machine can be fixed air inflation device, like nitrogen gas. The process is between ① and ②.

- 5).Emergency stop

When need to stop the working in advance or exceptional case happened, please dial “ Emergency” key. The machine will stop to work at once.

7. Check out and Adjustment:

- 1).Please check whether the packing list is complete and the nuts is tighten.
- 2).Add lubricating oil into moving parts. Please add Item (1) vacuum oil into vacuurr

Please note the oil level should be between 1/2 to 3/4.

3).Please set right vacuum time on machine. The longer vacuum time, the higher vacuum degree.

4).According to sealing material and content, select the right sealing time and temperature. The sequence should be from low to high.

8. Maintenance:

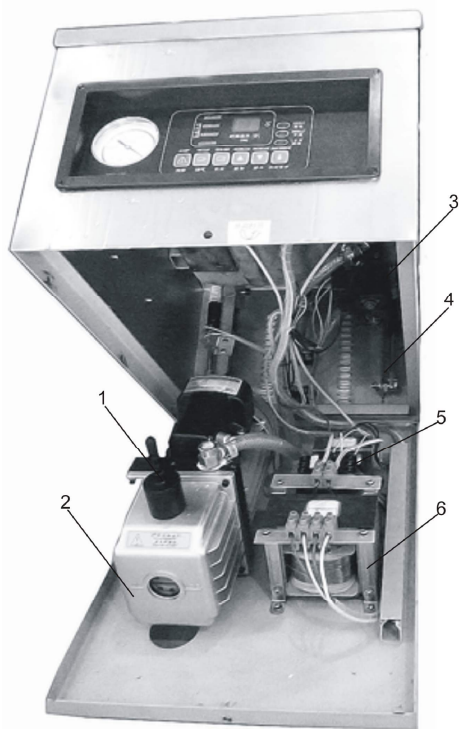
1).Please read **Manual book** carefully before operation.

2).Please add vacuum oil into vacuum pump regularly. It is strictly prohibited to invert the machine.

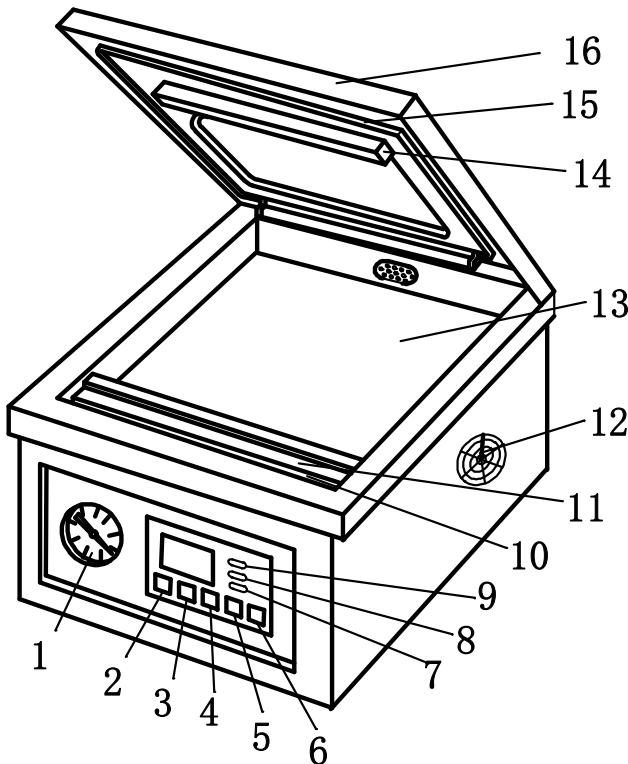
3).Please check out whether the ground wire is connect well.

4).Please tidy the surface of Teflon cloth. Make it smooth and no dirty goods on it.

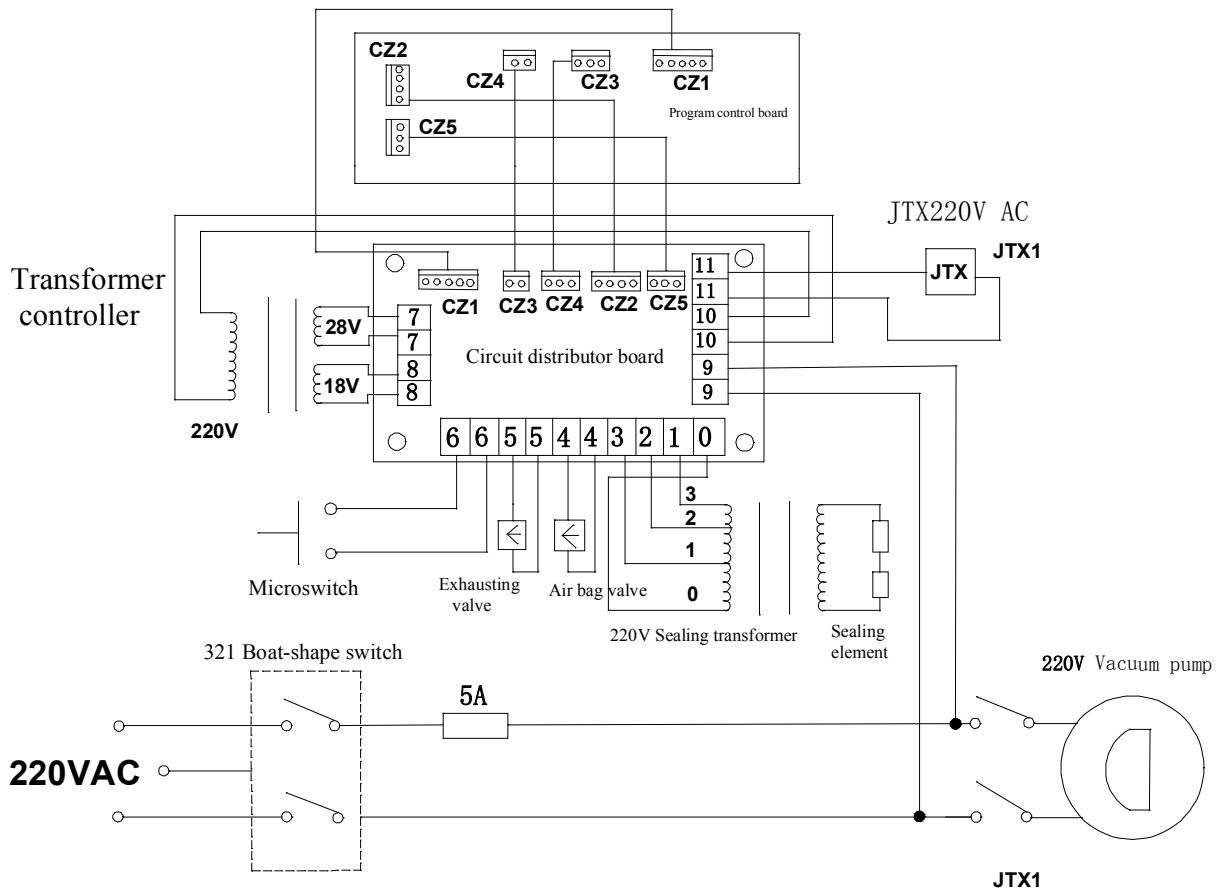
5).Please turn off the machine timely when breakdown happens. Then solve the problem.



1. Oil mouth
2. Vacuum pump
3. Air exhausted valve
4. Bar
5. Relay
6. Transformer



1. Vacuum gauge
2. Emergency stop
3. Set key
4. Increase key
5. Decrease key
6. Temperature controller
7. Low tempt.
8. Middle tempt.
9. High tempt.
10. Air bag
11. Heating element
12. Fan
13. Vacuum room
14. Upper pressing slip
15. Sealing ring
16. Organic glass cover



Circuit principle diagram

9.Packing list:

Model	Name	Unit	QTY
DZ-260	Manual book	PCS	1
DZ-350	Lubricating oil	Bottle	1
DZ-450	Sealing belt	PCS	1
	Spanner	PCS	1
	Teflon cloth	PCS	1
	Characters	Box	1
	Fuse	PCS	1

