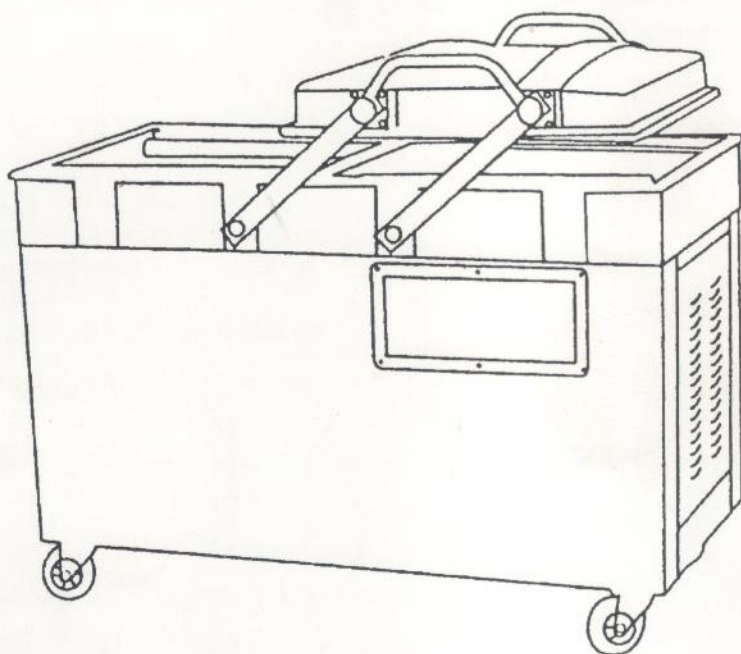


OPERATION MANUAL
DZQ Series
vacuum packer



- Read this manual carefully prior to use.
- Technology is subject to change without further notice.

INSTRUCTION

1. Summary

DongFeng band vacuum packer series have a stable quality, full function, novel and attractive appearance, easy operation and convenient maintain. It is suitable for vacuuming soft packing material which is made in composite film or aluminum foil composite film; also for vacuuming and packing solid, liquid, powder, paste, fruit, medicine, chemical product, electronic product, precise instrument, rare metal.

2. Feature

According to the appearance and function, vacuum packer could be classified to the 5 types:

1. desk-top
2. console model
3. single chamber & double chambers
4. manual type, air-operated
5. vacuum & vacuum plus charge inertia gas

vacuum packer with single chamber: transparent organic glass cover makes process clearly.

Vacuum packer with double chamber: two vacuum chambers work in turns. Raising the effect greatly.

3. Main technological parameter

Model	Voltage	Power	Sealing Length(mm)	Sealing Type	Air Displacement (m ³ /h)	Chamber Size(mm)	Dimension	Weight(kg)
DZ-300	110/220	370	8x260	Single row	6	280x355x50	500x300x370	30

DZ-300B-1	110/220	370	8x220	Single row	6	330x245x50	480x330x370	30
DZ-300B-2	110/220	370	8x220	Double row	6	330x245x50	480x330x370	30
DZ-350-1	110/220	370	8x350	Single row	20	350x410x75	460x460x520	60
DZ-350-2	110/220	370	8x240+350	L Type	20	350x410x75	460x460x520	60
DZ-400-1	110/220	750	13X400	Single row	20	440x420x75	540x490x520	65
DZ-400-2	110/220	750	13X400	Double row	20	440x420x75	540x490x520	65
DZQ-400B-1	110/220	750	13X400	Single row	20	440x420x75	490x540x900	75
DZQ-400B-2	110/220	750	13X400	Double row	20	440x420x75	490x540x900	75
DZQ-500B-1	110/220	750	13X500	Single row	20	525x525x100	655x575x950	95
DZQ-500B-2	110/220	750	13X500	Double row	20	525x525x100	655x575x950	95
DZQ-600B-1	220/380	750X2	13X600	Single row	40	625x525x150	675x650x950	190
DZQ-600B-2	220/380	750X2	13X600	Double row	40	625x525x150	675x650x950	190
DZQ-600B-QD	220/380	750X2	13X600	Single row	40	625x525x150	675x650x950	190
DZQ-700B-1	220/380	750X2	13X700	Single row	40	725x550x150	775x675x950	230
DZQ-700B-2	220/380	750X2	13X700	Double row	40	725x550x150	775x675x950	230
DZQ-700B-QD	220/380	750X2	13X700	Single row	40	725x550x150	775x675x950	230
DZQ-800B-1	220/380	750X2	13X800	Single row	40	825x600x150	885x775x950	280
DZQ-800B-2	220/380	750X2	13X800	Double row	40	825x600x150	885x775x950	280
DZQ-800B-QD	220/380	750X2	13X800	Single row	40	825x600x150	885x775x950	280
DZQ-1000B-1	220/380	750X2	13X1000	Single row	40	1030x800x200	1090x920x950	350
DZQ-1000B-2	220/380	750X2	13X1000	Double row	40	1030x800x200	1090x920x950	350
DZQ-1000B-QD	220/380	750X2	13X1000	Single row	40	1030x800x200	1090x920x950	350
DZQ-400-2SA/B	220/380	750X2	13X400	Double row	40	500x470x75	990x500x950	230
DZQ-400-2SAQ	220/380	750X2	13X400	Double row	40	500x470x75	990x500x950	230
DZQ-500-2SA/B	220/380	750X2	13X500	Double row	40	650x570x75	1250x670x90	300
DZQ-500-2SAQ	220/380	750X2	13X500	Double row	40	650x570x75	1250x670x90	300
DZQ-600-2SA/B	220/380	1100	13X600	Double row	40	750x570x110	1450x670x950	370
DZQ-600-2SAQ	220/380	1100	13X600	Double row	40	750x570x110	1450x670x950	370

4. Structure

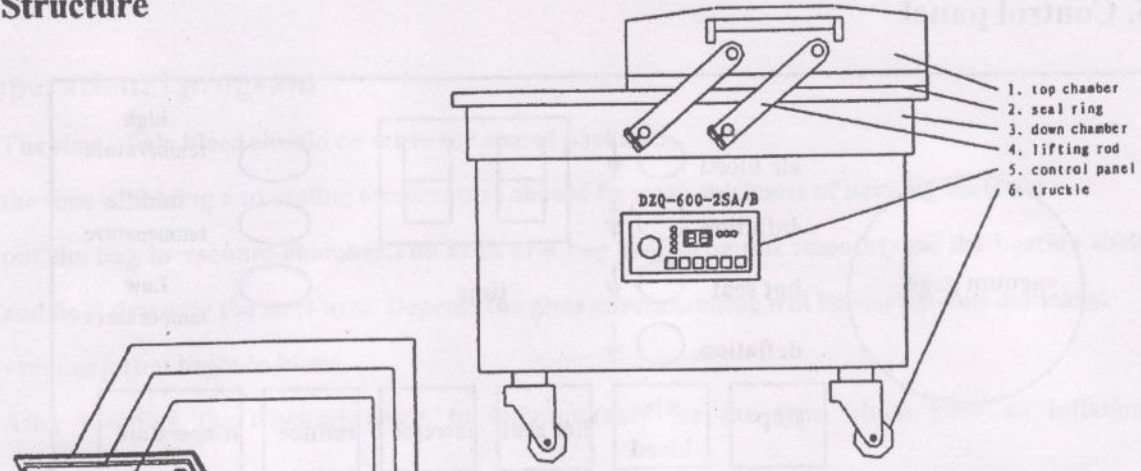


图1 appearance structure of double chamber vacuum packer

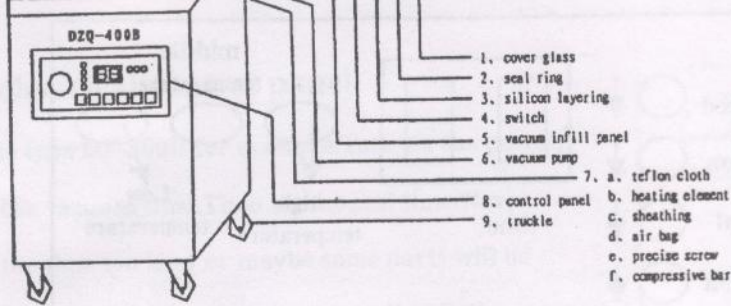


图2 appearance structure of single chamber vacuum packer

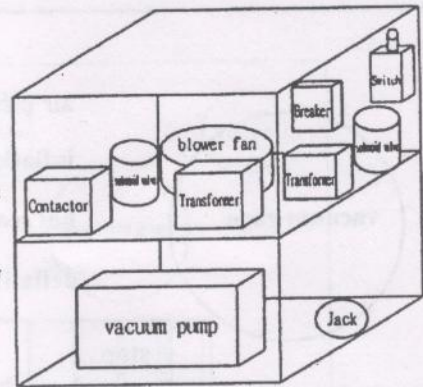


图3 inside structure of single chamber vacuum packer

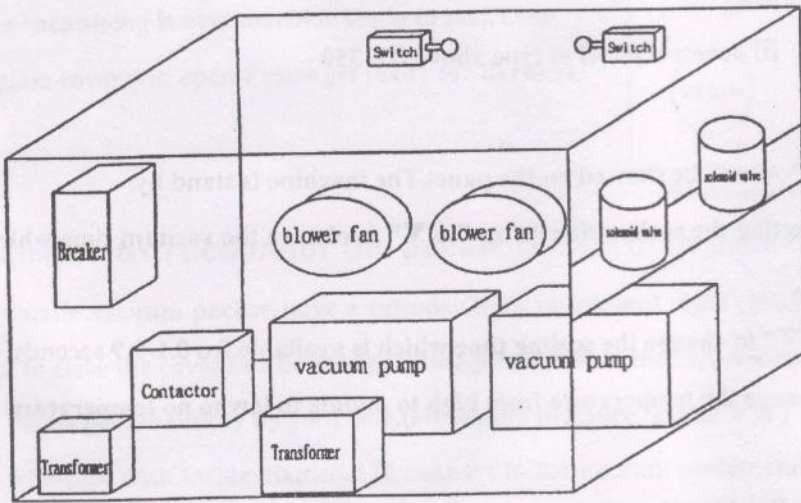


图4 inside structure of double chamber vacuum packer

5. Control panel

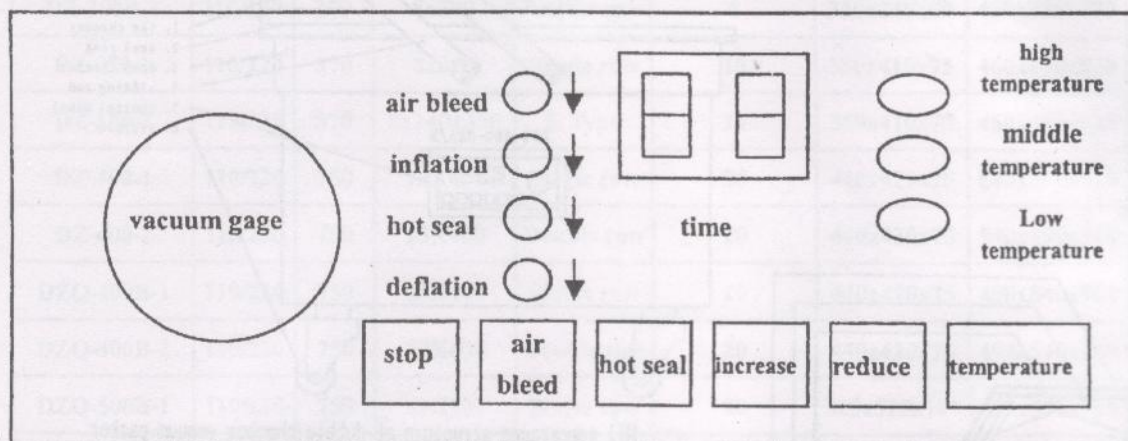


图 5 control panel of type DZ-300

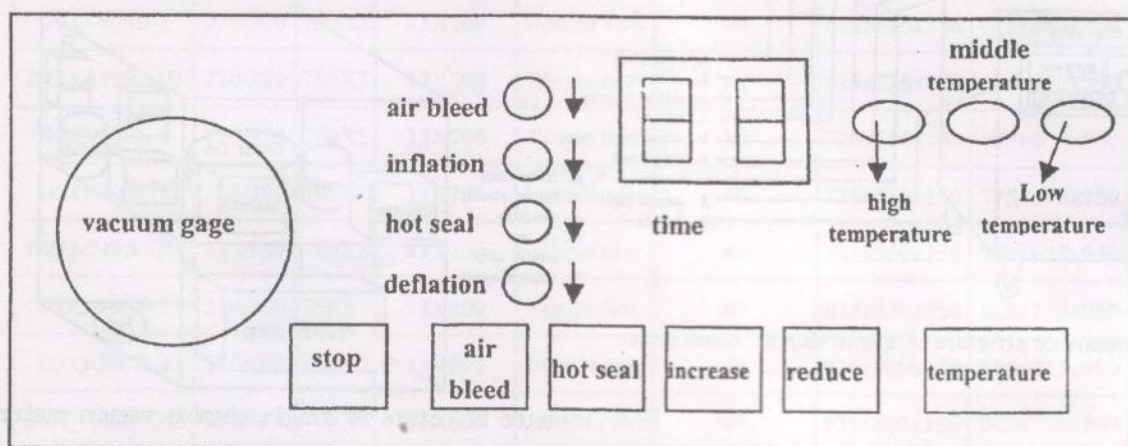


图 6 control panel of type above DZ-350

1. turn on the power, signal "-" will be showed on the panel. The machine is stand by.
2. press "air bleed", before setting the sealing time. press "▲▼" to change the vacuum time which is available fro 0-99 seconds.
3. press "hot seal", use "▲▼" to change the sealing time which is available fro 0.1-9.9 seconds.
4. press "temperature" to change the temperature from high to middle to low to no temperature

All the data will be saved after finishing the set.

6. operational program

1. The time of air bleed should be set to the size of package.
2. the time of sealing and sealing temperature should be set to thickness of packing material.
3. put the bag in vacuum chamber. The neck of a bag should be put smoothly on the heating shelf and hold down by the steel wire. Depress the glass cover, machine will be started automatically.
4. vacuum pump begin to bleed.
5. After bleeding the machine begin to inflation. (only for the type which have an inflation equipment)
6. After inflation, the hot-seal solenoid valve is on power. then sealing and coddling the date.
7. after sealing, glass cover open automatically.

7. electrical control panel

Take type DZ-300B for example. Turn on the power, set the vacuum time. Then set the seal time. Never set the time too long or maybe some parts will be damaged. Set the temperature according to the thickness of the film. Depress the glass cover, turn on the power, then the machine begin to vacuum. After vacuuming is over, machine begin to seal. Then the glass cover will open. Please get ready for the next.

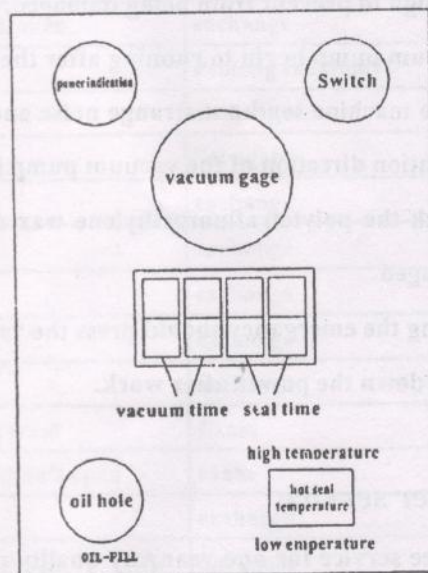


图7 electrical control panel of DZ-300B

8. special instruction for the pneumatic vacuum packer

Pneumatic vacuum packer have a cylinder both in left and right side. Press the green button on the front to close the cover. For better operating, please follow the instruction below:

1. Please get air supply by your side. (air supply pressure $\geq 6\text{kg}/\text{c m}^2$)
2. windpipe with inside diameter 10 connect to the vacuum packer, and tie it tightly. Cocking-up the screw marked "OIL" in the top of the oil storage bottle. Add the ISO-VG32 lubricating oil till full.
3. Air pressure adjustment: Pull the button on the booster and adjust to your request. Then press the

bottom hard.

4. Connect to the air supply,when the pressure of air supply $\geq 6\text{kg/c m}^2$,check the manometer if it is 6kg/c m^2 .Attention,the pressure could never over 6kg/c m^2 .
5. Please drain in time,when the water over the top of filtration system.

9. Attention

1. When the vacuum pump is running,the oil should be better with the 3/4 of the total volume.If the oil is less than 1/2 of the total volume,you should add oil into it.
2. The machine must be set horizontally,keep cool and without any corrosive gas around.
3. The machine must install ground wire and check the links frequently to protect the safty of the personel.
4. Set the time and temperature preperly before operating.Never set the time too long,temperature too high to prevent from being damaged.
5. Vacuum pump begin to running after the top cover is closed.
6. If the machine send out strange noise and the finger of vacuum gage stay still,indicating that the operation direction of the vacuum pump is wrong.Have to shut down the power at once.
7. Check the polytetrafluoroethylene wax cloth frequently.keep it smooth and exchange when it is damaged.
8. Facing the emergency,should press the "stop" button to stop the machine at once.
9. Shut down the power after work.

10. After service

Guarantee service for one year.Any quality problem in one year after purchsed,we will get you free maintain according to your invoice.

Any problem caused by operation and bad weather,we could maintain your machine and take charges.

11. Spare parts

1. electric schematic diagram 1 to 9.
2. Instrution one piece.

3. Vacuum pump instruction one piece.
4. Product acceptance certificate on piece.
5. several spare parts

12. Usual problem

Problem	Reason	Solution
Couldn't vacuum	Contactator of vacuum pump is damaged	exchange
	Path switch damaged or each wrong position	exchange
	Top and bottom covers mismatched	To press harder by hands
	Vacuum pump reversion	Adjust power phase
	Motor of vacuum pump is damaged	exchange
Inadequatedegree of vacuum	Pipeline connection is not tight	exam
	Vacuum chamber or solenoid valve reveal	exchange
	Pipe reveal	exchange
	seal ring in vacuum chamber is broken	exchange
	Vacuum time is not enough	Prolong the time
Couldn't open the top cover	solenoid valve is broken	exchange
Couldn't seal	Haven't set the temperature	Set again
	Transformer is broken	exchange
	Galvanothermy parts is broken	exchange
	Fuse is blowed	exchange
	solenoid valve is broken	exchange
	Relay on the panel is broken	exchange
	down-lead of Relay on the panel is cut	Exam
	Seal solenoid valve is broken or didn't open	exam
Poor seal	Air bag reveal	exchange
	Seal time and temperature is unfitable	Set again
	Dirt on the seal	Clear
	movable part is not flexible	Adjust
	Polytetrafluoroethylene wax cloth is broken	exchange
	ribbon heater is deformed	exchange
	Smoke from seal	Dirt on the seal
Seal time and temperature is unfitable		Set again
Unusual operation	Control panel is broken	exchange
	Wrong connection of control panel	Exam
	disconnection of control panel	exam

acceptance certificate

name of the product: Vacuum packer

Type:

Number:

Checker:

Date: