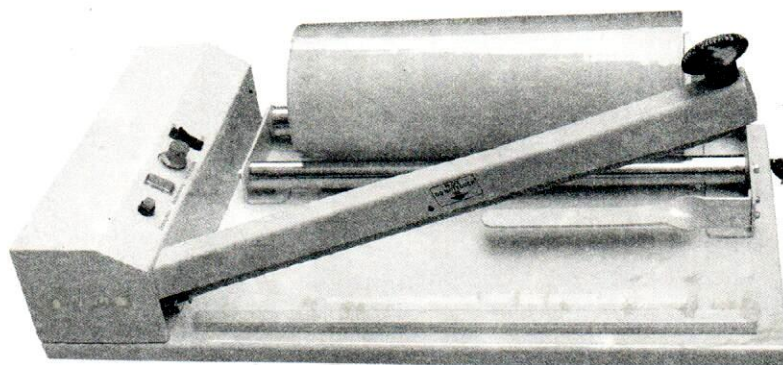


SHR SERIES SEALING CUTTER

Operation Manual



I、 Introduction

Infrared shrink packing machine is a fast developed packaging equipment. It needs two equipments , sealing cutter machine and shrink tunnel , or electric heat blower. This machine can also separately work.

The packing film it adopts include PVC, PP shrink film.

II、 Machine features and functions

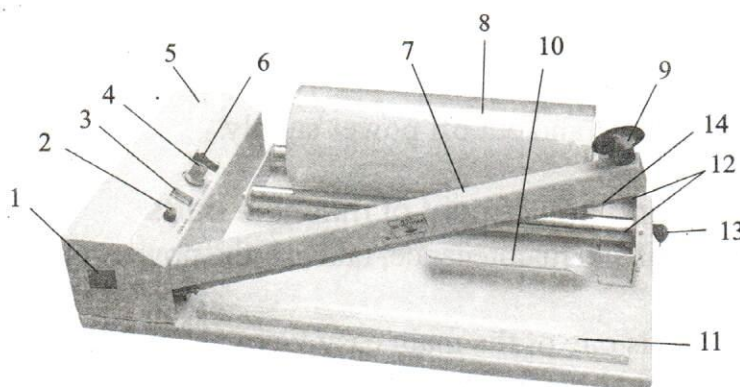
Sealing cutter machine has the features of reasonable structure, reliable performance, good-looking shape, high efficiency, simple operation and maintenance.

This machine can be widely used in foodstuff, beverage, candy, pharmaceutical medicine, cosmetics, artware, floor, stationery, electric elements, hardwires, etc.

III、 Main specifications and parameters:

| Model | SHR-300 | SHR-450 | SHR-600 |
|------------------------------------|---------------------|---------------------|---------------------|
| Power | 220V/50HZ 110V/60HZ | 220V/50HZ 110V/60HZ | 220V/50HZ 110V/60HZ |
| Max.packing area (length×width) | 300×350mm | 450×450mm | 600×350mm |
| Sealing time | 0~2 seconds | 0~2 seconds | 0~2 seconds |
| Max power consumption | Instant 1KW | Instant 1KW | Instant 1KW |
| Capacity | 8-12 pcs/min | 8-12 pcs/min | 8-12 pcs/min |
| Dimension | 470×350×140 | 620×350×140 | 800×350×140 |
| Weight | 10kg | 11.5kg | 13kg |

IV、 Diagram and parts name



- | | | | |
|------------------|-----------------------|-------------------|-----------------------|
| 1. power wire | 2. clean switch | 3. heatseal pilot | 4. seal voltage screw |
| 5. control box | 6. power switch | 7. sealing arm | 8. shrink film |
| 9. hand knob | 10. film-opening pole | 11. sealing table | 12. guiding rollers |
| 13. film bracket | 14. heating wire | | |

V、Operation

Before working:

1) At first, check the accessories status of sealing cutter machine, such as bolt fixing, electric elements, connection.

2) Connect this machine to earth. After confirming well connection, connect power wire. (note: the red is live wire)

3) Turn on the power switch 6, the power lamp will be on.

4) Testing machine

A: Put film roll on bracket 14. If the film is folded two layer, you could open it with the pole 11.

B: Select the heat-sealing time according the thickness of film. After select a most suitable time, you could begin working. Please note that it's forbidden to test heat-sealing without film.

C: Adjust the voltage screw 4 between 0.7~1 seconds. If film is thicker, increase voltage; if film is thinner, reduce the voltage.

During working:

5) In the area of unstable voltage, you should adjust the seal voltage, sealing time according to voltage level, in order to guarantee to seal & cut quality.

6) Heating wire 15 is a string of Nichrome. After a period of working, there would be film waste and oxide on wire. You should clean it: point press clean switch 2 to produce instant heat to soften waste, then clean the wire with cloth. Please note the point pressing time cannot be too long, it will be OK when seeing smoke from wire.

7) The sealing pilot lamp 3 synchronize with sealing time. When press down the arm to seal, the lamp is on. When the lamp is off, it means the sealing & cutting finish, this time you should hold on for a few time to keep the seal & cut performance.

After working:

8) Clean the machine and cut off power supply.

VI、Replacement and adjustment of machine parts

1、In replacement and maintenance, take off the power plug to guarantee the safety.

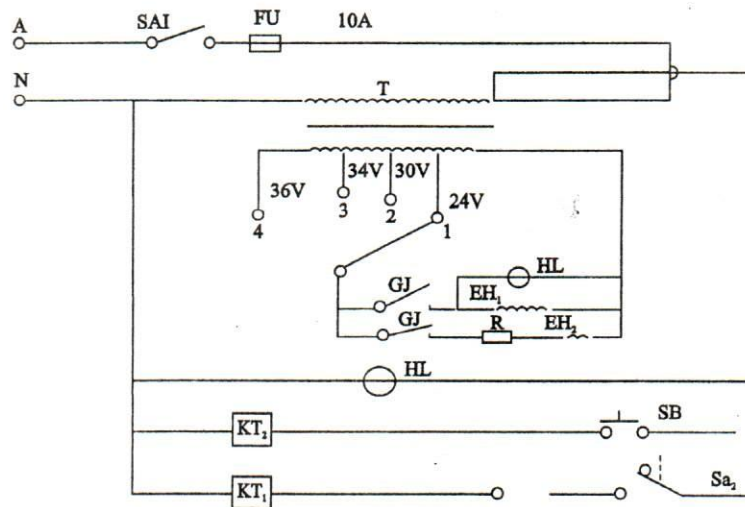
2、Heating wire is one of the main easy worn parts. After replacing the wire, you must fix the press bolt on bracket. If the bolt loose, it might reduce the conduction of power to burn off machine parts. Please note to keep the replacing wire straight.

3、Teflon tape is another easy worn parts, when the tape on sealing table is broken, you should replace a new tape. The replacing tape should keep flat and no overlap, broken at angle place.

4、 The sealing table should keep regular and flat contact with heating wire, which is the critical point to guarantee the seal&cut quality.

5、 Heating switch(inside the control box) control the power of heating wire, the time of power supply is controlled by seal voltage screw 4. Because of the wearing, it might make the connection of heating switch is not good (the heating wire has no power). This time you should open control box 5 to adjust the connection point to suitable place.

VII、 Circuit diagram



VIII、 Spare parts with machine

- 1、 2 pcs of heating wire
- 2、 1 pc of Teflon tape