

**Mini press**

# **User's Manual**

**Model: ST-500/ST-500A  
ST-600/ST-600A**

**\* To use the product correctly, please read this operation instruction carefully.**

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## General Information

This machine can be used for any hot transfer printing on any fabrics. It also can be used for low temperature pressure fusing, such as fusing of children wear and shoes and cap. It also can be used for ironing and shaping for the handkerchief, cap and daily wears ect.

## Product characteristics

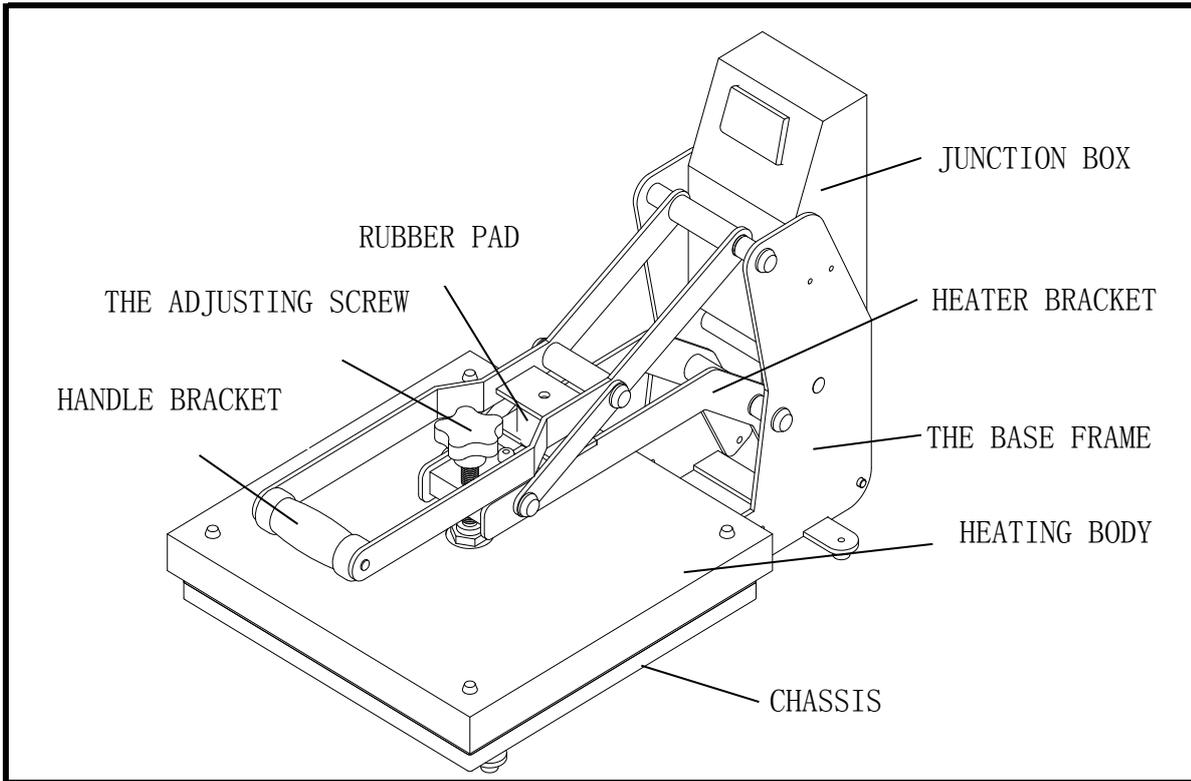
- Temperature control : using high efficient and precise digital pcb board temperature controller.
- Heating plate : the temperature of heating plate is uniform, and the heater is specially designed.
- Digital time control, and sound signal indication after complete pressing.
- Up working table coated with teflon material, this make the working table long life-time and easy cleaning.
- Pressure can be easily adjusted.
- Bottom plate covered with high temperature resistant silicon rubber cushion, for wide range of printing.  
(Woolen felt cushion is suitable for fusing)

**Repair or disassembly of the product at will is not permitted!  
The agent nearby must be contacted to repair!**

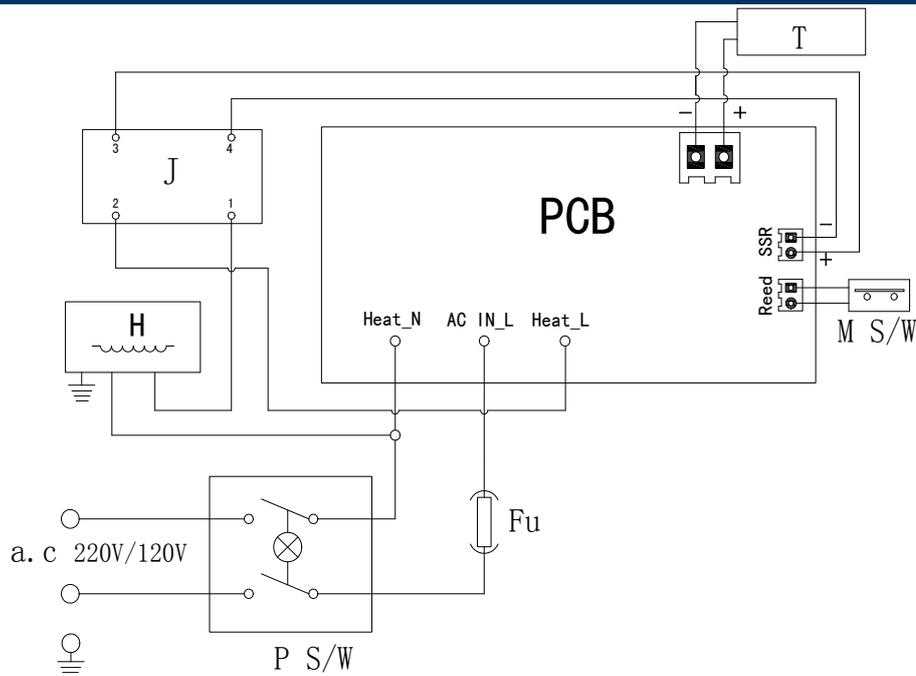
## Product specification

Product Name	Mini Press			
Type(Manual)	ST-500		ST-600	
Type(Semi-auto)	ST-500A		ST-600A	
Working Width	380×380m		400×600m	
Voltage	120V~	127V~	220V~	230V~
power	1800W	2000W	1800W	2000W
Temperature	50-250℃			
Time	5-15S			
Product Dimension	680×400×440h		680×620×480h	
Product Weight	30.5kg		47.5kg	

# Name of various parts of product (ST-500/600)



# Circuit diagram (ST-500/600)



**PS/W : power switch**

**J : Relay**

**M S/W : Micro Switch**

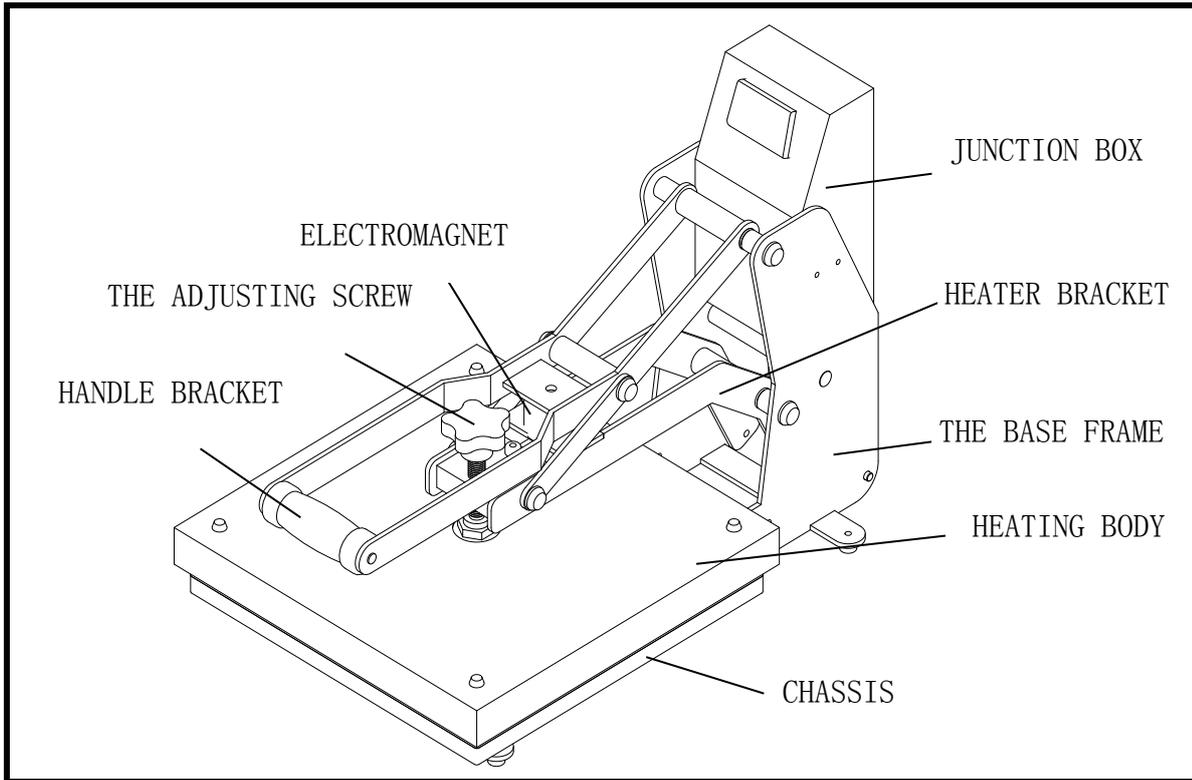
**FU : Fuse**

**PCB : Pcb board**

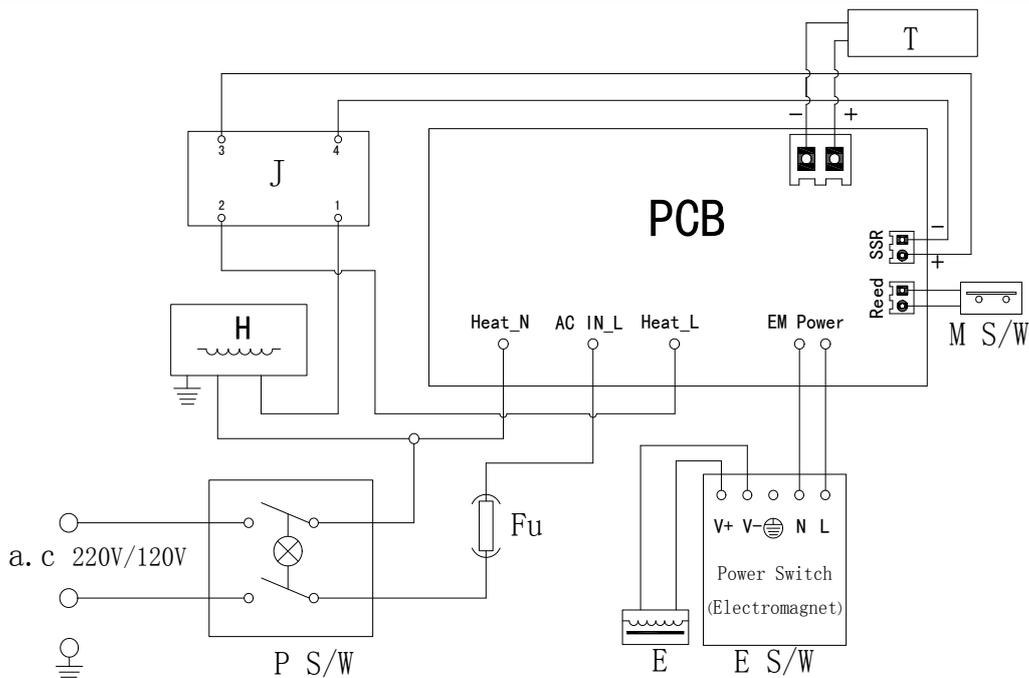
**H : Heater**

**T : Thermocouple**

# Name of various parts of product(ST-500A/600A)



# Circuit diagram (ST-500A/600A)



- |                            |                         |  |
|----------------------------|-------------------------|--|
| <b>PS/W : power switch</b> | <b>J : Relay</b>        | <b>M S/W : Micro Switch</b>                  |
| <b>FU : Fuse</b>           | <b>PCB : Pcb board</b>  | <b>E S/W : power switch of Electromagnet</b> |
| <b>H : Heater</b>          | <b>T : Thermocouple</b> | <b>E : Electromagnet</b>                     |

## Precautions of safe use

- The following is indication of precautions marked to prevent occurrence of accidents for correct, safe use of product, which is expected to be abided by.
- Precautions of safe use, such as unexpected hazard caused by inadequate use, are classified by "Warning" and "Caution" according to hazard degree and emergency situation of hazard.



### Warning!

Inadequate use may cause severe injury, even fatal accident.



### Caution

Inadequate use may cause light injury or accident of product damage.

### Warning!

- ★ In case of power connection, the socket with earthing wire must be used.
- ★ Wet hand is prohibited from pulling or inserting power plug.
- ★ In case of pulling power plug, the hand must grasp the plug. Pulling plug in same method as pulling power wire with hand is prohibited.
- ★ Use of power wire knotted is prohibited.
- ★ Power wire can not be extruded by heavy object or product.  
(Short circuit of power wire may become the reason of electric shock and fire.)
- ★ It must be used on the plug more than 120V/20A, 220V/15A individually.
- ★ Many products used in the same time, may become the reason of overtemperature (over heat) and fire.
- ★ It should be used after confirmation of rated voltage conforming to required voltage of product,
- ★ It should be paid special attention to that use, or contact by children should be prevented.
- ★ Product disassembly or product transformation is prohibited.

### Caution

- ★ During product use, as baseplate temperature is very high, contact with any object should be avoided, Attention should be paid during use.
- ★ After use, the cleaning must be made after power plug is pulled out.
- ★ Washing powder or detergent can not be used for cleaning.

## Confirmation before use

- Check if the service voltage is same as the product voltage.
- Plain platform, surface, level plane without inclination.

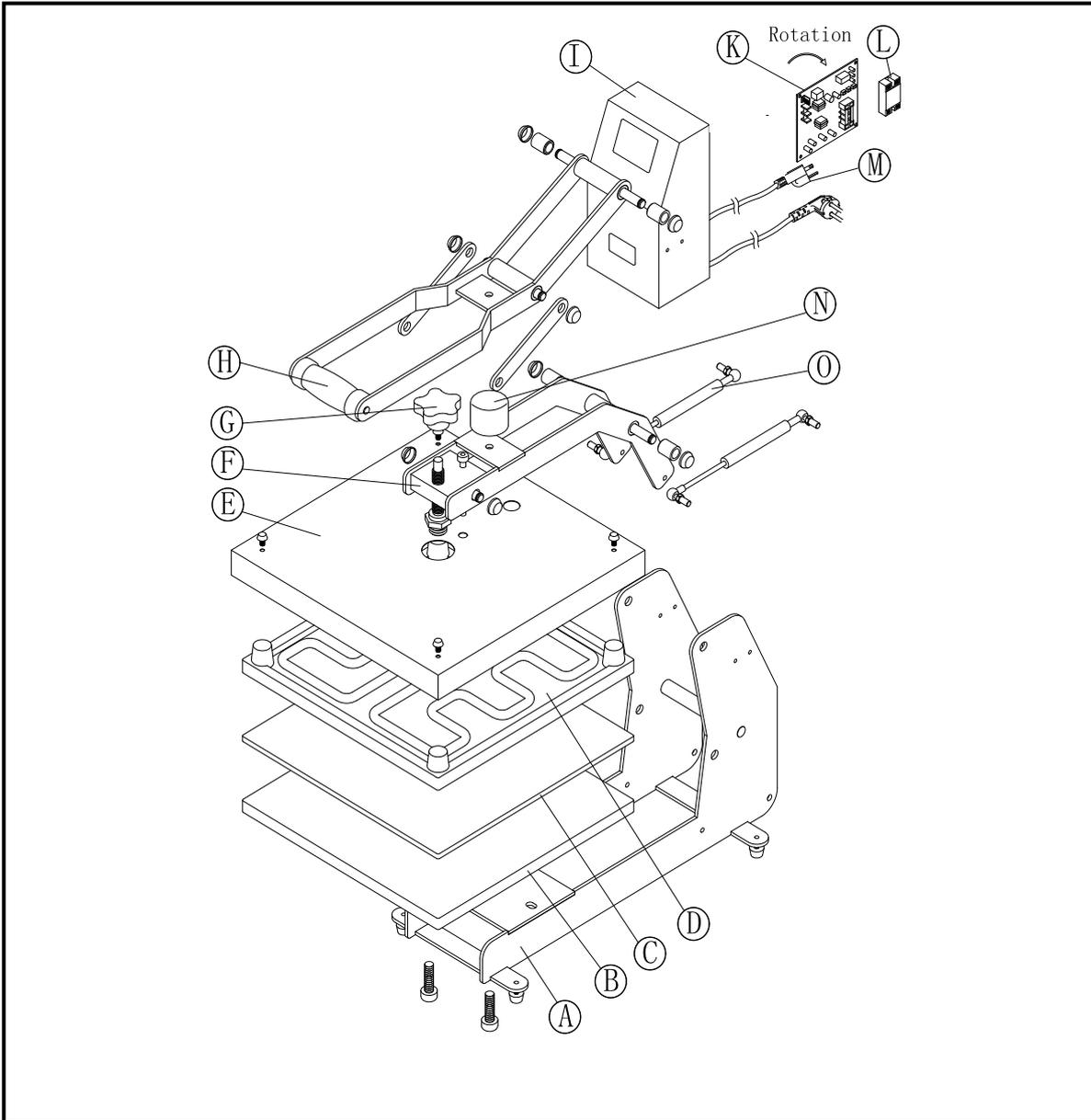
## Operation method

- Connecting with the electric source and turn on the switch the electric indicate light will on.
- Temperature setting : push **MENU** switch ,when **setting** light up, please push >> or setting temperature . According to material to chose temperature (50-250degree)
- Time setting : push **MENU** switch , **SET** and **TIME** are both working, push >> or to setting time. According to material to chose time (5-15second)
- Temperature and time are both on the working , please push **MENU** again until **TEMP** lights up, this machine is able to work. Please push **ACT** switch .
- When temperature is coming to SET time, Put clothing on the working table then put printing paper on it (attention :the printing paper have positive and hegative), pull down the handle to the bottom.
- When time is coming to Set Time then buzzer is making a sound , please get it while automation machine ST-500A/600A does open and ST-500/600 have to by handle.
- If Hot-Transfer printing paper is colding teared, please wipe the paper one time with a blackboard brush, and after 5 to 15 seconds tear off the paper. If the paper is heating teared tear the paper at once.

## Troubleshooting

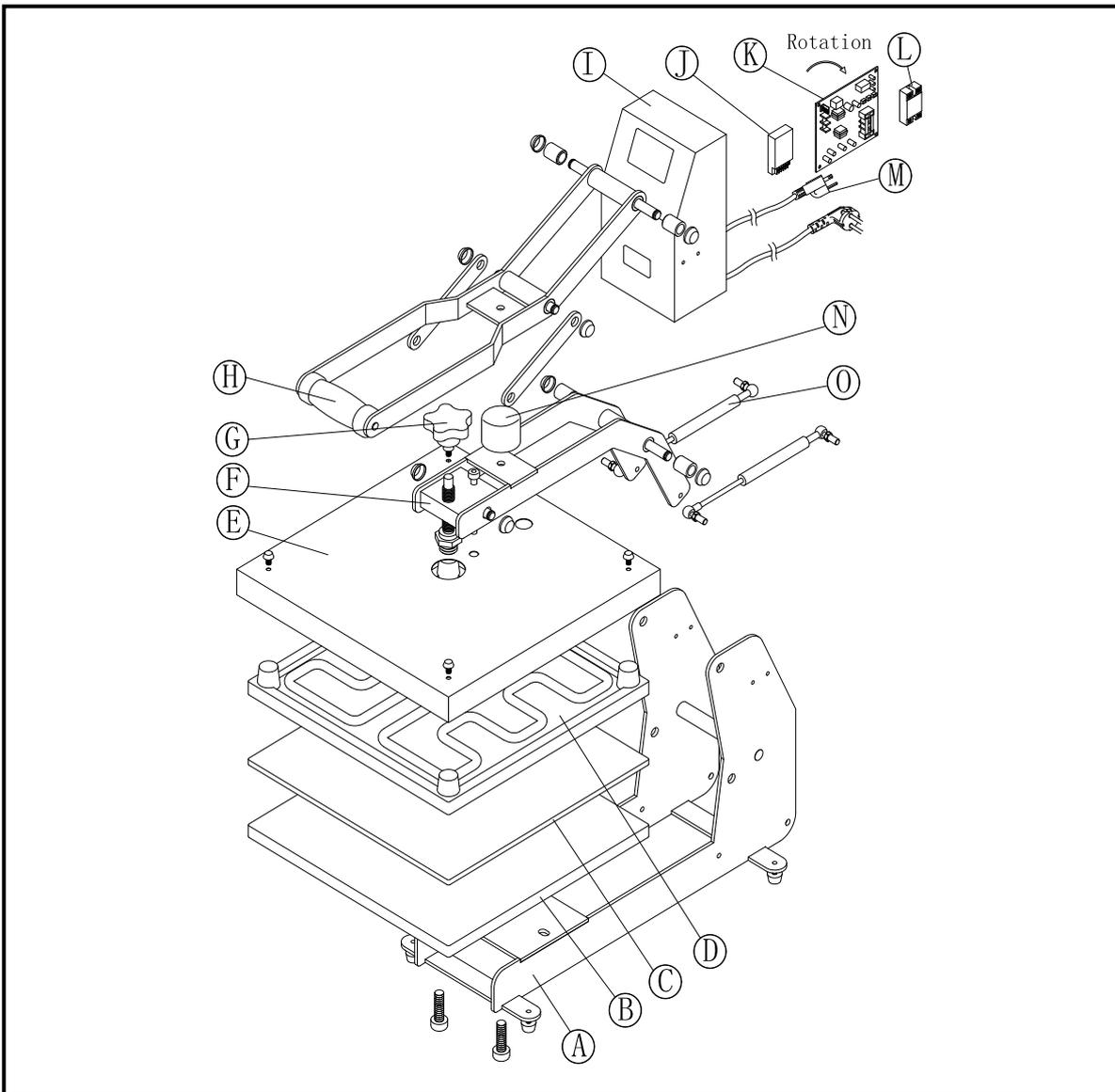
- if power switch light not work, please check the plug 、 stock and fuse if on good condition.
- Pressure : If the pressure is not enough or too much, adjusted the pressure adjust screw, increase or decrease the pressure to properly.
- Time : when the time reached the setted time, but the buzzer can not make sounds, please check.
- Temperature : When have setted temperature, but the heating plate no working, check on circuit.
- If the user pull down the handle, but the handle go back when the hand off. Please adjust down the adjust screw.
- If the user hard to pull up the handle, please adjust down the adjust screw.

# Breakdown drawing(ST-500/600)



No.	PARTS NAME	No.	PARTS NAME
A	THE BASE FRAME	H	HANDLE BRACKET
B	CHASSIS	I	JUNCTION BOX
C	SILICONE SPONG PAD	K	PCB BOARD
D	HEATING BODY	L	RELAY
E	COVER	M	POWER CORD
F	HEATER BRACKET	N	RUBBER PAD
G	KNOB	O	AIR SPRING

# Breakdown drawing(ST-500A/600A)



No.	PARTS NAME	No.	PARTS NAME
A	THE BASE FRAME	I	JUNCTION BOX
B	CHASSIS	J	POWER SWITCH OF ELECTROMAGNET
C	SILICONE SPONG PAD	K	PCB BOARD
D	HEATING BODY	L	RELAY
E	COVER	M	POWER CORD
F	HEATER BRACKET	N	ELECTROMAGNET
G	KNOB	O	AIR SPRING
H	HANDLE BRACKET		



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