



YH-500TH

Manual digital heat press machine

Operation Manual

Product Serial No.: □□□□□□□

I. Application

The Digital Heat Press Machine is specially designed for satisfying the fashion pursuing people who pursue the individuation of garments. It is based on heat transfer principles. Choosing the special heat transfer foil and it can transfer various motifs on heat transfer foil to the surface of cotton textiles such as clothing, towel, bags, socks and gloves.

II. Features

1. Controlled by SCM program, temperature monitored by digital display for high precision.
2. LCD displays the temperature value and time. Beautiful, generous, easy operation
3. Dual protection of electric system for safe operation.
4. Dual protection of electric system for safe operation.

Compact design, simple operation, capable setting of stamping temperature and stamping time make it enable to meet various printing purpose. Moreover, energy saving and high efficiency for stamping.

To ensure using the machine correctly and avoid the trouble which is caused by improper operation. Users are required to read the operation manual in detail before using and to operate the machine in accordance with the instructions given in this operation manual.

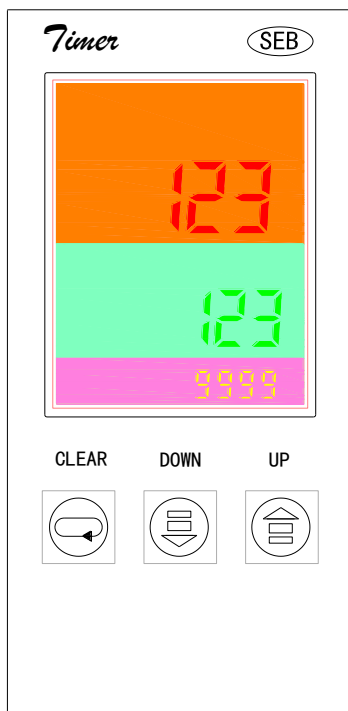
Note: The power must be accompanied installed ground wire! !

III. Technical Data

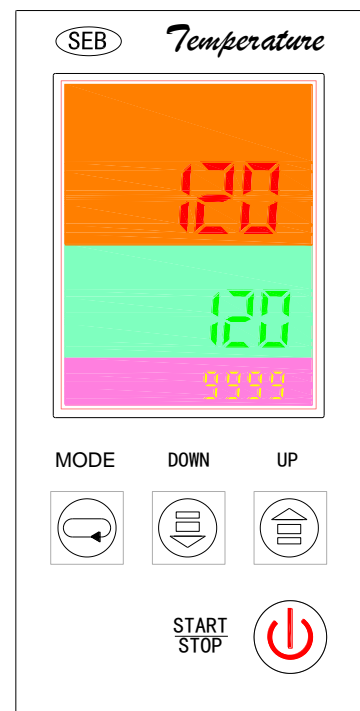
1. Electro-thermal power:4.0KW
2. Range of temperature: ambient temperature ~ 260℃
3. Range of time: 0~9999 seconds
4. Area of stamping plate:500*1000mm
5. Dimensions: 1100*900*650mm
6. Voltage: 220/380V (Three-phase Voltage)
7. Weight: 110kg

IV. Operation Panel

Time display screen



Temperature display screen



1. Function instruction

- 1) Digit displayer: to display the temperature value and time value. Composed of four digits.
- 2) "START/STOP" key: to switch between heating and not heating mode. "STOP" lights under normal condition. "OUT", "STOP" flashes when in heating condition. "OUT" is out and "STOP", "HOLD" light when it gets to the preset temperature.

2. Timer operation:

- 1) Press **↑↓** Keys to modify the transfer time value; handle fast plus or minus fast and automatically saved.
- 2) Press the "CLR" key, then the count starts 0.5 Hz flashing, flashing, press and hold "CLR" key for 2 seconds or more, the count value is cleared to 0, auto-save, counter displays 0000 and still. Flashing, press and hold "CLR" key for 2 seconds, then finishes blinking, and restore the standard state.

3. Temperature operation

- 1) In the PV / SV standard display mode, press **↑↓** keys to modify the SV value; handle fast plus or minus fast, set the stamping temperature and automatically saved.
- 2) Internal parameter description

① Re	② SE
change accuracy parameter	change temperature parameter
③ HP	④ HS
change upper limit temperature	change the parameter without power
⑤ PF	⑥ PA
transform centigrade/Fahrenheit	change the password

In the PV / SV standard display mode, press the "MODE" button, PV display

PASS, SV display value , Press **↑↓** button to modify the parameter values, enter 88, press "MODE" key to enter the internal menu, and can in all menus conversion.

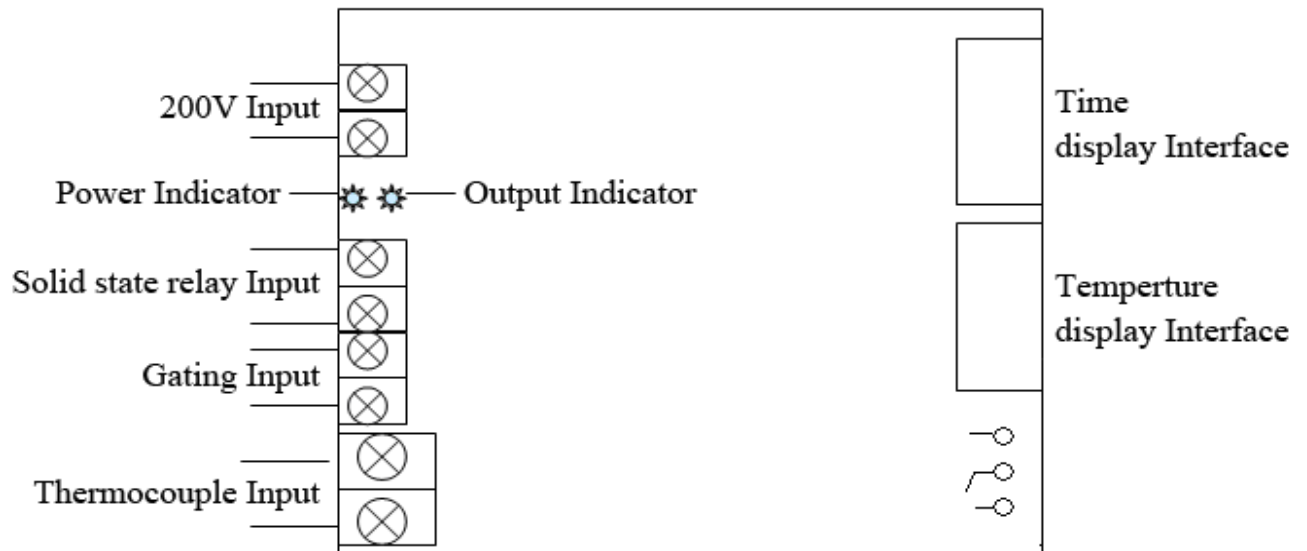
- ① Re change accuracy parameter —— factory setting“1”
- ② SE change temperature parameter—— factory setting“10”
- ③ HP change upper limit temperature —— factory setting“260”
- ④ HS change the parameter without power——factory setting“0”
- ⑤ PF transform centigrade/Fahrenheit ——factory setting“0” (°C)
- ⑥ PA change the password ——factory setting“88”

4. Celsius and Fahrenheit Conversion Description

Under standard conditions:

- ① Press the MODE button once, OSD PRSS
- ② Press the UP key to enter the password and press the MODE button to enter the menu 88
- ③ Press the MODE button on the menu to choose between conversion, when the PF screen, press the UP key once, making the SV is displayed as a (factory setting is "0" - °C)
- ④ Press the MODE button for 4 seconds to exit the menu, then the screen is °F

V. Wiring Diagram



VI. Operation Method:

heat press machine should be placed on a flat table, appropriate height, easy stamping operation. Confirm ready access heat press machine, supply voltage matches the voltage used with the machine and must have protective ground wire.

Access to power, turn on the power switch, the red power indicator light. Setting stamping time and temperature , press the "START / STOP" button the machine starts to heat up, when the actual temperature rise setting temperature, "HOLD" "STOP" display lit, buzzer sounding , machinery pending stamping working condition.

Clean the heat transfer silica gel plates , Adjust machine pressure modest, put the prepare material on heating plate, put the heat transfer paper on the clothes stamping on good location, This is ready .

Hold the handle when stamping pressure heat press plate, and let the heating plate make full contact with the floor plate, the time to reach the set stamping machine will alarm. Lift the heat transfer plate handle, Take away stamping materials, tear transfer paper, heat transfer paper pattern on the transfer to the clothes on. Again and again.

VII. Precautions

1. Heat Press machine must be ground connected properly.
2. After the heat press machine being heated up, the temperature of hot stamping plate is high and you should be careful to avoid scalding during the operation.
3. Heat press machine by adjusting the pressure of handle to complete
4. Switch off the power supply when you don't use the machine. Prohibited to place the tinder on the machine.
5. Select and set appropriate hot stamping temperature and time to assure the heat press effect and efficiency according to the properties of heat press paper and material.
6. The machine adopts integrated circuit control, prohibit disassemble the Machine.

VIII. Trouble shooting

1. Failure: pressure is too high or too low when the heat press plate is pushed down.
Solution: Lift the handle and adjust the pressure adjusting screw slowly, test And adjust, lock the screw till the pressure is moderate.
2. Failure: Turn the power switch, the machine did not respond
Solution: Check that the plug is firmly connected, fuse is open circuit
3. Failure: Open the machine can not display the actual temperature, the buzzer sound

often.

Solution: Sensor circuit, replace the K-type thermocouple

4. Failure: Displays correctly, press the warming button (SATRT / STOP) machine does not heat up

Solution: 1) Setting the temperature is correct, if set temperature Less than the ambient temperature, the need to re-set.

2) Check the heating plate trailing wires are broken.

3) Solid State Relay (G3NA-225B) bad. Check Investigation

procedures: Open the rear cover, through the power, in

Temperature solid state relays yellow light Is not lit, while the

lower two measuring solid state relay contacts Voltage of about

13V between the solid state is determined Relay is bad.

4) heating plate worse. Inspection method: disconnect the power supply, Open the rear cover, the upper right measure Solid State Relay Side contact with the screw cap room temperature cable connector straight Standard resistance value resistor between the 18-30R, greater than Or less than this depending on the resistance heating panels are bad.

5) The main circuit board is bad. Inspection method: Confirm

Hair Hot plate, solid state relays are a good case, Still does not heat up, the need to replace the main circuit board

5. Failure: Stamping untimed, the buzzer does not sound

Solution: Adjust magnetic touch switch (SH-6135) work separation distance, the maximum should not exceed 8mm, such as the timing is not adjusted, replace the magnetic touch switch; shape in time State, the buzzer does not sound, replace the buzzer.

IX. Maintenance:

1. fuselage rotating shaft member oiling on time (500 times per stamping) To ensure heating plate flexible and easy to open and close, the end cap nut can not be loosened.
2. keeping the body clean, avoid placing the machine in an acid, alkali and other corrosive gas environment.
3. heating plate surface to avoid sharp bump, scratch and impact stamping.
4. After work the body to clear the debris, grease, dust, increased service life.

Guarantee

Thanks for using the machines produced by Ever Bright Machinery. We promise you that: Any problems on quality of materials or malfunction of machines will be settled by our company or distributors according to the following items:

1. The guarantee will only be valid on these items:

- 1) The machine is operated and maintained by the operation manual.
- 2) The malfunction is not caused by improper operation and repair or the ignorance of the users, natural disaster, wars or violence.
- 3) The serial NO. is not removed ,counterfeited or amended.
- 4) Any malfunction must be dealt with by our company or distributors.

2. The indirect damage caused by the machine should not be compensated by our company.



Certificate of Competency

Product Name: YH-500TH Manual digital heat press machine

Serial No.:

The machine has been inspected and admitted to leave factory.

Inspector:



Packing list

Product Model: YH-500TH

Product Name: Manual digital heat press machine

Serial No.:

Archives:

1. Manual digital heat press machine Operation Manual. One copy.
2. Manual digital heat press machine Packing list One copy

Facilities

1. Spare fuse 2pcs
2. Screw driver 1pcs

QC PASS

QC PASS: _____

201 Y M D