HTM-500THA


Product Serial No: □□□□□□□

Operation Instructions
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. Properties of the Unit

1. Controlled by SCM program, temperature monitored by digital display for high precision.

2. LCD displays the temperature value and time.

3. Digital dialed disk for easy parameter setting. Integrative electric control system for simple maintenance.

4. Dual protection of electric system for safe operation.

5. Special heating element adopted for heating, equal heating and long lifetime. 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.

III. Technical Data

1. Electro-thermal power: 6KW
2. Range of temperature: ambient temperature ~ 260℃
3. Range of time: 0~9999 seconds
4. Area of stamping plate: 500*1000mm
5. Dimensions: 950*1100*650mm
7. Net Weight: 160kg
### IV. Operation Panel

**Time Displayer**

**Temperature Displayer**

1. **Function instruction**
   1.1. Digit displayer: to display the temperature value and time value. Composed of four digits.
   1.2. “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.
   1.3. Press “CLEAR” button, counter will start from 0.5 hertz. Under the twinkle situation, hold “CLEAR” button more than 2 seconds. The counter will become 0 with storage automatically. “0000” show in the counter display. If the counter still keep twinkle, hold the button “CLEAR” less than 2 seconds. The twinkle situation will be stopped.
   1.4. Press the key “CLEAR” on time displayer, it will show “COT”. Press “DOWN” for 3 seconds to clear the value on the counter. It will return in 5 seconds automatically.

2. **Parameter Setting**
   Press the key “MODE” on the temperature displayer; it will display “PRESS” when under normal working condition. Press “UP” and input the number “88” to enter internal parameter setting. (Password: 88)
   2.1 When it displays “RE” on temperature displayer, input the parameter of setting precision—1; Press “MODE” to confirm.
2.2 When it displays “SE” on temperature displayer, input the setting parameter—10. Press “MODE” to confirm.
2.3 When it displays “HP” on temperature displayer, input the alarm parameter for high temperature—260. Press “MODE” to confirm.
2.4 When it displays “HS” on temperature displayer, input the steady-state error parameter—0. Press “MODE” to confirm.
2.5 When it displays “PF” on temperature displayer, input the Fahrenheit parameter—0. Press “MODE” to escape.
2.6 Under PV/SV standard display, press “SET” button more than 5 seconds. PV shows “[SE]”, SV shows parameter, press “UP” and “DOWN” button to change the parameter. When the parameters reach 123, press “SET” button, the parameter become factory setting. If not, it is return to PV/SV standard display.
2.7 Press “↑”, “↓” to adjust the time quickly. The action should be quickly when pressing “↑”, “↓”.
2.8 Press “CLR” button, counter start from 0.5hertz, under the twinkled situation, hold “CLR” button up to 2 seconds, the counter will become to 0 and save automatically. Then the twinkled situation will stopped.
2.9 Display operation regarding temperature:
   1) When the display shown PV/SV, press “↑”, “↓” to adjust the SV parameter quickly.
   2) When the display shown PV/SV, press “mode” button, PV will show PASS while SV will show the parameter, press “↑”, “↓” to adjust parameter quickly.
   3) If password correct, then go head to setting the internal parameter. Otherwise, it will return PV/SV standard situation.
   4) Press “mode” button to setting the internal parameter, also press “↑”, “↓” to adjust the parameter quickly.
   5) Press “mode” up to 2 seconds, then it will return to PV/SV situation from the internal setting situation.
   6) Under PV/SV standards display, press “mode” button up to 5 seconds, PV will show [SE], then parameter will show in SV. Press “↑”, “↓” to change the parameter, when the parameters reach 123, press “mode”. The setting will become the original setting. Otherwise, it will back to the PV/SV.
   7) Internal parameter description:
      a) RE --- changes of the temperature.
      b) SE --- changes of ahead of the temperature.
      c) HP --- changes of max. Temperature.
      d) HS --- changes of difference of the temperature.
      e) PF --- changes between Fahrenheit and centigrade.
      f) PA --- changes password.
The above internal settings are well prepared. Customer no needs to reset again in normal situation.
3. Control Condition
Temperature control mode for the first heating up:
A: It will delay for 1 second for temperature output When it heats up 10℃(SE setting).
B: When measurement temperature +10 ℃ is bigger than the preset one, temperature output would shut off.
It would get into position control mode when the above two temperature control modes heat up to the preset temperature. The counting shut off until enter position control mode during the first heating up process. The two modes can be selected through a jumper. It is mode A when jumper is not plugged into, and it is mode B when jumper is connected.

3.2 Time control and counting (counting range: 0-9999): it begins counting when micro switch shut off. The counting value increased by 1 when delay time gets to the preset time. It gets into the next cycle when micro switch open up.

V. Wiring Diagram

VI. Operation

To be convenient operation, the machine should be placed on the stable table and the height is moderate.
Make sure that the specification of the power supply to be connected to Heat Press machine must be properly. The earthling wire must be assembled.

Connect it to power supply and press the power supply switch on panel, and then the red power supply indicator lamp will be lighted. Press the key “START/STOP”, machine starts to heat up after set the stamping time and temperature. The keys “HOLD” “STOP” lights when the temperature gets up to the preset level. Machine is in preparing status now.
Clean up the silica gel plate of stamping base plate. Tidily place the material to be stamped on silica gel plate, place the selected hot stamping paper on clothing and align
it with the stamping position. Now the preparation is finished. Hold the handle and push down the handle of heat press plate. The heat press machine will automatically time and the machine will give an alarm when the specified hot stamping time is over. Draw back the handle of stamping plate, move the material which has been heat pressed and tear out the hot stamping paper. Now the pattern on heat pressing paper has been stamped on clothing. One cycle has been finished. Just repeat it as above.

VII. Precautions

a) Heat Press machine must be ground connected properly.

b) 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.

c) The pressure of heat press plate can be adjusted through adjustment handle and this pressure had been set to a suitable value when the machine leaves factory. Do not adjust optionally during operation.

d) Switch off the power supply when you don’t use the machine. Prohibited to place the tinder on the machine.

e) 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.

f) Electric circuit control adopted and prohibited to take apart the machine optionally.

g) After the heat pressing operation, please make sure the handle must be hold to the top in order to stop the alarm and avoid any dangerous due to the handle that glides suddenly.

h) The pressure of the handle should not too high during the heat pressing operation. It is because the machines will be damaged due to this reason (Customer can adjust the heat pressing pressure according to the thickness of their substrate)

i) After the heat pressing operation, please be careful when going to take up the handle since the elasticity of the machine is quite large and it may cause dangerous to user. Therefore, please keep the body and head far away from the machine.

j) Because of the unit temperature is high; please don’t put the machine together with any inflammable materials.
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: Heating platen no heating.
   Solution: Check if the power is switched on, for instance if the fuse and switch is good. The trouble of the temperature controller or electric heating frame is burnt, please contact the manufacturer or distributors.

3. Failure: The machine does not time.
   Solution: The pitch of induction switch is too big, adjusting the distance is available. (To prevent bumping, the distance can’t be too small.) The trouble of time set or circuit board, please contact the manufacturer or distributors.

Ⅸ. Maintenance:

1. If there are some resistances for the user when they are pick up the heating plate, please remind the user to put some lubricate oil along with the axis of the heating plate. ( You can do it once per every two weeks or customer can adjust the frequent according to the real situation, but please do not put engine oil )
2. Also you any difficulties to moving the pressing head, you can add some lubricate oil to the right hand side of the machine. And then move the pressing head left and right, and make the oil evenly cover the moving mechanism.
Guarantee

Thanks for using the machines from Chinasigns Info., 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:
   1.1. The machine is operated and maintained by the operation manual.
   1.2. The malfunction is not caused by improper operation and repair or the ignorance of the users, natural disaster, wars or violence.
   1.3. The serial NO. is not removed, counterfeited or amended.
   1.4. 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.
3. Guarantee should be kept properly.

Customer’s name: Date of purchasing:
Model: HTM-500THA No. of manufacture:
Distributors: Telephone No.:
Fax:
Packing List

Product Model: HTM-500THA

Product Name: Digital Heat Press Machine

Serial No.: 

Archives:

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

QC PASS

Inspector: