

# Combo heat press machine

## Instruction



### Pressing Technique

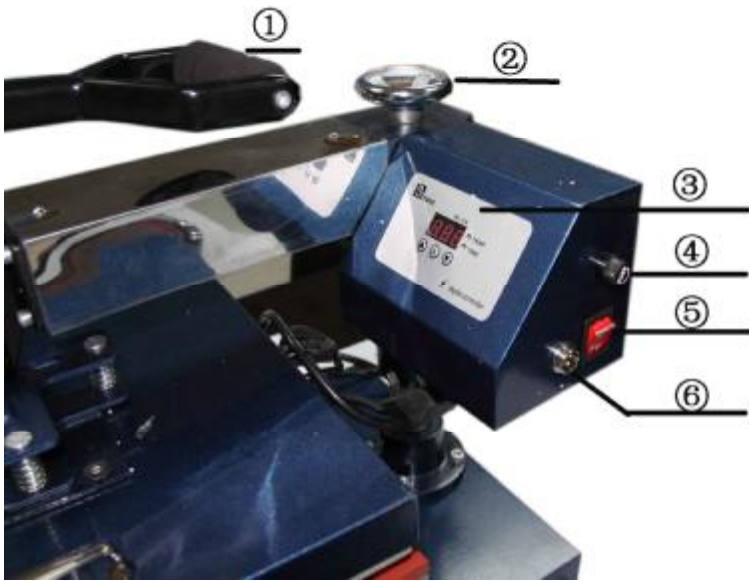
**Voltage: 220V/110V**

**Maximum power: 1800W**

**Temperature: 0-250°C**

**Time: 0-3minutes**

## Introduction



①: Clamp&handle

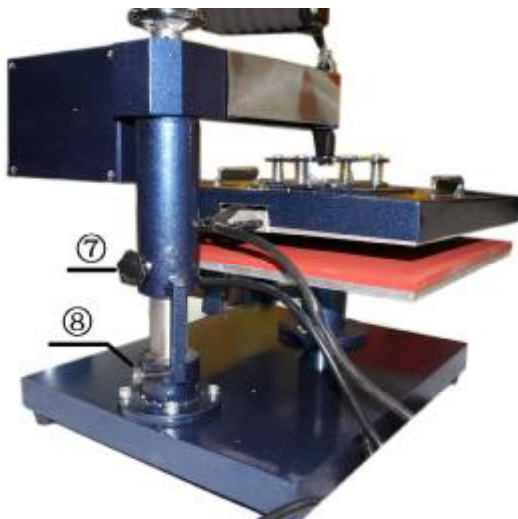
②: Pressure Knot

③: Control console

④: Fuse

⑤: Off/on Switch

⑥: connect power cord

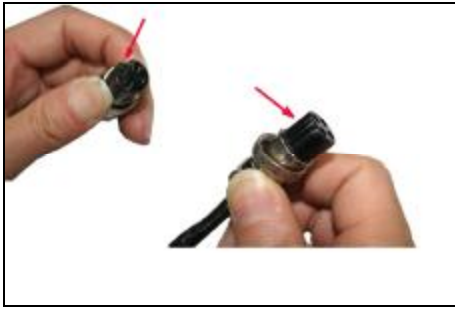


⑦: The anti swivel locks.

⑧: Swing nut (Function: It is used to adjust the swing breadth)

## Installation

### 1. Assemble power connector



There is a slot in the connector



Aiming at the slot, insert the connector to the connect power cord



Screw the screw cap

### 2. How to offload the heat platen from the main body?

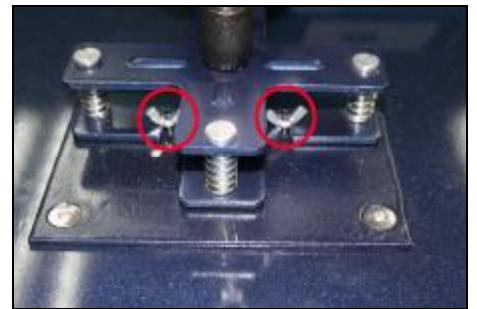
#### A. Offload the up-heat platen



Draw down the handle



Let the handle down freely



Screw the nail under the handle counter-clockwise



Get off the whorl



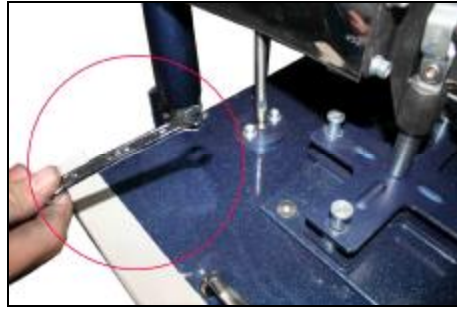
Pull up the handle and move it to the side



Bring up the heat platen directly



Get off the whorl



Use the spanner



Release the screw anticlockwise



Pull up the handle



To hold the screw by hand



Bring up the heat platen directly

### B. Offload the down-heat platen



There are two whorls in the base



Screw it off counter- clockwise



Bring up the down-platen directly

### 3. Install Plate press attachment



The end with wire of the plate platen towards the machine



Aim at the fastener under the handle



Push the platen to the end, no need to lock screw cap, since it is with magnet.



#### 4. Install Cap press attachment



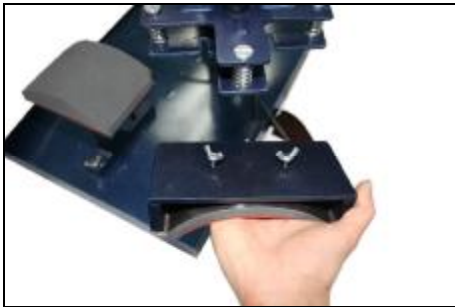
The longer end of the base towards to the machine



Aim at the whorl and place it on the machine foundation



Lock the screw cap (clockwise)



Let the end with wire of the cap heat platen forward



Aim at the slot and push it till the end



Lock the screw cap(clockwise)

#### 5. Install Mug press attachment



No need offloading or installation the mug press attachment



Connect the power connector of the mug press attachment to the main machine



Then it is ready to use.

## Operation Process

### The operation of the control panel

#### 1. Set temperature required



Turn on power switch,  
Temperature light – ON



Select with arrows temperature required (normally 180°C)  
**Left** arrow select up. **Right** arrow select down

## 2. Set time required



Press **OK** button after temperature set,  
now timer light-ON



Select with arrows temperature required  
**Left** arrow select up. **Right** arrow select down  
The unit is second, time range: 0-180 seconds

## 3. Printing methods:

- 1) Heat Press Techniques: Place the object (i.e. T-shirt) on press bed, adjust pressure to your requirement, and turn on the power switch ON, The temperature starts to rise, once the temperature rise to the required temperature, the buzzer will send out a short sound. Then press object. Push the OK button once, wait for long buzzer sound, turn off the power switch, work finish and take out object.

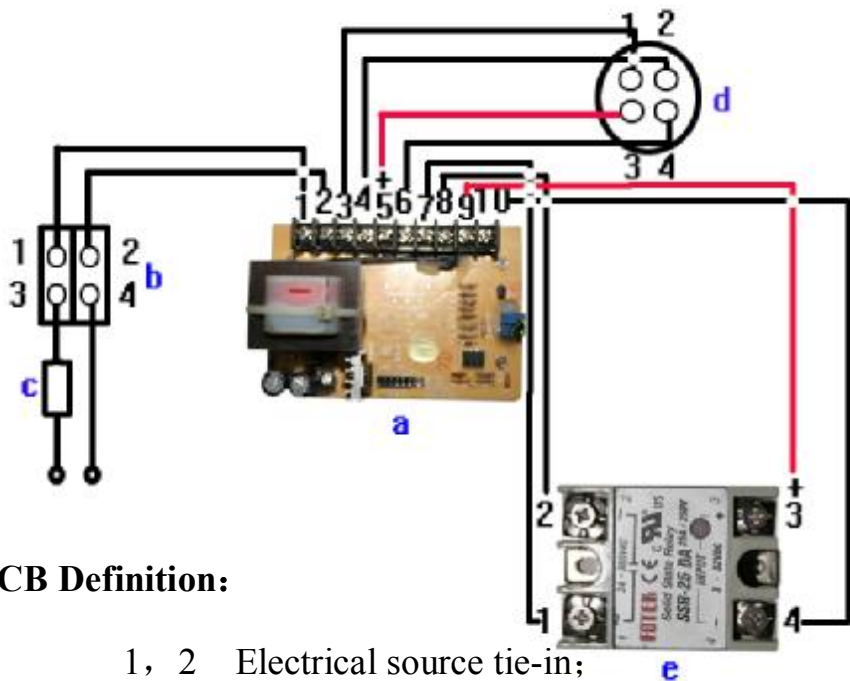
## 4. Recommendations:

- 1) Ceramic tile transfer: (Mugs & Plates transfer is similar)  
Parameter: temperature: 180°C.  
The time of press: 15 seconds
- 2) T-shirt transfer:  
Parameter: temperature: 180°C.  
The time of press:( chemical fiber use for sublimation transfer paper: 30-50seconds; pure cotton use for T-shirt transfer paper: 10-20seconds)
- 3) Cap pressing  
Unscrew the press bed and fit cap press bed onto the base of the heat press machine by using the wing nuts  
Change press head  
**Adjust height and lock the anti swivel locks of the heat press machine by using the black knob at the back of machine. Before you switch machine ON make sure element wire is plugged in and secured and all components has been secured and fastened REMEMBER to unlock anti swivel lock before adjusting the pressure.**

## Trouble shooting for transfer quality:

- A. If the color is pale: the temperature is too low / the pressure is not correct / or not pressed long enough.
- B. If the picture is blurring: Too much transfer time causes proliferation.
- C. If a part of picture is blurring: Heat was not distributed correctly through heat plate. Allow more time between press operations. Pressure distribution can also be the cause, which can be set on the four plate surface adjusters. Please note that it has been factory set and there should be no need to adjust them
- D. If the pattern is scarred: Transfer time is too long.
- E. The pattern of color is different: the pressure is not correct or the transfer paper is poor quality
- F. Adhesive paper: the temperature is too high or poor printing ink

## Circuit Diagram:



- a: PCB
- b: Switch
- c: Fuse
- d: Aerial Plug
- e: Relay

## **PCB Definition:**

- 1, 2 Electrical source tie-in;
- 3, 4 Radiation pipe tie-in;
- 5, 6 Sensor tie-in;
- 7, 8 Relay output tie-in;
- 9, 10 Relay input tie-in

## **Maintenance:**

### **I . No action after switch on the power**

1. Check the plug whether it touches well
2. Check the fuse whether it have been burn out.
3. Check the lead wire of the switch whether it have been fallen

### **II . The display screen are working well, but the no temperature increasing on the Silica Gel Board**

1. Check whether the tie-in of the Silica Gel touches well.
2. Check the 3,4 on PCB in the back box whether it touches well.

### **III. The display screen is un-normal, but the Silica Gel heats.**

Maybe for the fault of the PCB

### **IV. The display screen and Silica Gel works well, but un-normal show of the temperature.**

1. Check whether the tie-in of the Silica Gel touches well.
2. Check the 5, 6 on PCB in the back box whether it touches well.

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- Advise:**
1. Because the material and the thickness of the clothing are different, the temperature and the time are different too.
  2. The temperature and the time are only for reference. And pls first try a sample to adjust the best temperature and time.
  3. The best setting temperature are 180°C, pls do not over 220°C, and the transferring time should be within 3 minutes.
  4. To make sure that the circuit can bear high-power machine, or it will bring about faulty of the fuse etc.