Combo heat press machine

Instruction

Pressing Technique

Voltage: 220V/110V

Maximum power: 1800W

Temperature: 0-250°C

Time: 0-3 minutes
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**

   ![Images showing the assembly process]

   - 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**

   ![Images showing the offloading process]

   - 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
1. Get off the whorl
2. Use the spanner
3. Release the screw anticlockwise

1. Pull up the handle
2. To hold the screw by hand
3. Bring up the heat platen directly

**B. Offload the down-heat platen**

1. There are two whorls in the base
2. Screw it off counterclockwise
3. Bring up the down-platen directly

**3. Install Plate press attachment**

1. The end with wire of the plate platen towards the machine
2. Aim at the fastener under the handle
3. 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 of the mug press attachment
    - Connect the power connector of the mug press attachment to the main machine
    - Then it is ready to use.

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**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℃)
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)
      The time of press: 15 seconds

   2) T-shirt transfer:
      The time of press: (chemical fiber use for sublimation transfer paper: 30-50 seconds; pure cotton use for T-shirt transfer paper: 10-20 seconds)

   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.

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**Circuit Diagram:**

![Circuit Diagram]

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

**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.