

Digital Multi-Function Heat press machine

General Description

Respected users! Thanks for purchasing liquid crystal display digital multi-function (combined) heat press machine. This machine type is the **generation-III** multi-function combined machine, for which the brand **fast-locked** is initially **adopted in China and the national patent technology protection** has been obtained. This design thoroughly refreshes the traditional image of the combined machine and has the originally complicated and miscellaneous replacement and assembly of parts become further easy and humanized.

This machine adopts microprocessor program control, featuring high precision in parameter memory and control and unique touch button control panel in China. The advanced design philosophy and independent control unit structure provides convenience for combination and upgrading of machines and after-sale service.

It is fast and convenient to replace thermal transfer element of different functions. Without tools, the imported materials can be used for key components in several seconds. As a result, the performance becomes further stable and durable. The overall appearance design of the complete machine is beautiful, coving no more than 1 m². Thus, it is favorable to operation of retail sales and counter. By virtue of exquisite equipment manufacturing, the transfer press effect of products are more excellent.

This machine can (heat transfer press) bake and fabricate colorful logos, portraits & photos as well as scenery patterns, etc. through thermal transfer. It is applicable for baking cup, baking tray, baking hat, heat transfer clothing T-shirt, mouse pad, pillow and metal ornaments, etc.; especially, it is appropriate for making advertisements, gifts and publicity

campaign, etc. simultaneously, it also can be used as the individualized article, integrating artistic appreciation and utility.



Introduction of product features

1. More simple and convenient assembly & design of fast-locked and replacement of different transfer components.
2. Exquisite and brilliant craftsmanship of external appearance of the complete machine.
3. The latest display mode of double display (temperature & time) smarter meter. By virtue of adoption of microprocessor programmed control, it features high precision in parameter memory & control and unique touch control panel in China.
4. The new generation “K” type updated version control cabinet circuit board & chip is adopted for controllable heating chip, thus the power is more stable and the problems about paralyzed circuit board generated by unstable voltage are avoided.
5. Heating thermocouple: adopting new generation “K” updated version heating thermocouple. With double lines merged, it is safer and not easily broken down. (The glass tube is adopted for traditional ordinary machinery to pack thermistor. Once in

case of unstable voltage, it will be easily broken down, burn out or crashed into pieces due to the uneven pressure!)

6. For the aluminum plates are all upgraded and thickened, the quality becomes more secure and the phenomena of uneven base board and carrying capacity are avoided. The upgrading of quality, material and technology further guarantees the quality!
7. Can be lifted, lowered and rotated by 360 degrees and convenient to retrieve articles and transfer of alien articles;
8. The installation and design of base board withstands high-temperature foaming silica gel and it is not deformed when the temperature reaches 400 °C.

Technical parameters for new-type combined machine

- Electronic digital display control features convenient pressure adjustment and reliable performance

- Voltage: 110V/ 60 HZ
- Power: 1000W
- Main Heating plate: 12" x15" / 1000W
- Packing Size: 20.4" x 18.3" x 18.5"
- Plate/Dish heating mat:
 - Plate Press #1 5" max diameter mat/12.5cm (8" ceramic dish)
 - Plate Press #2 6" max diameter mat/15.5cm (10" ceramic dish)
- Heating cup cushion dimension: 3"-3.5" diameter (11oz), heating band dimension: 105X235(unfolded)/350W(applicable for heater transfer mug which is wide in about 8.1cm and high in about 9.5cm)
- Backing hat cushion: Applicable for printing image on the edge of hat printing area:6"x 3"(curved)

- Weight: 56lbs
- Highest temperature: 0-480F Fahrenheit degree(0-250 Centigrade); Time Range:0-999 second; Counter Range:0-999pcs
- Temperature heating time: (20-200`C): 3~5 Min.
- Real-time display of temperature state: Automatic alarming

Other expanded functions: large & small baking cup cushion, cone-type baking cup cushion, large & small baking tray cushion (badge making machine)

Introduction of Operations of Combined Machine

1. Introduction of control panel and button



2. Set operations

1. Turn on the power switch, it shows present temperature, and are increasing.

2. Working temperature setting (temperature of baking & printing object)



Firstly Press the SET button once, the foregoing picture will emerge, it will shows “5P” it indicates setting temperature, then the parameters can be adjusted by pressing ▼ or ▲.

3. Working time setting (time of baking & printing object)



Secondly press the “SET” button again, the foregoing picture will emerge. It shows “5t”, it indicates setting time, then the parameters can be adjusted by pressing ▼ or ▲.

Lastly Press the SET button third times, it shows present temperature and the time setted. it indicates the temperature are rising. Now the machine is heating up.

4. Countdown time setting



1. When pressing the heating plate down, begin printing, need press ▼ to count down.
2. When the timing is over, the buzzer will sing. And then please press the ▼ button to cancel the alarm prompt, and then retrieve the object and finish DIY gift printing.

5.Counter “zero” cleaning up setting:



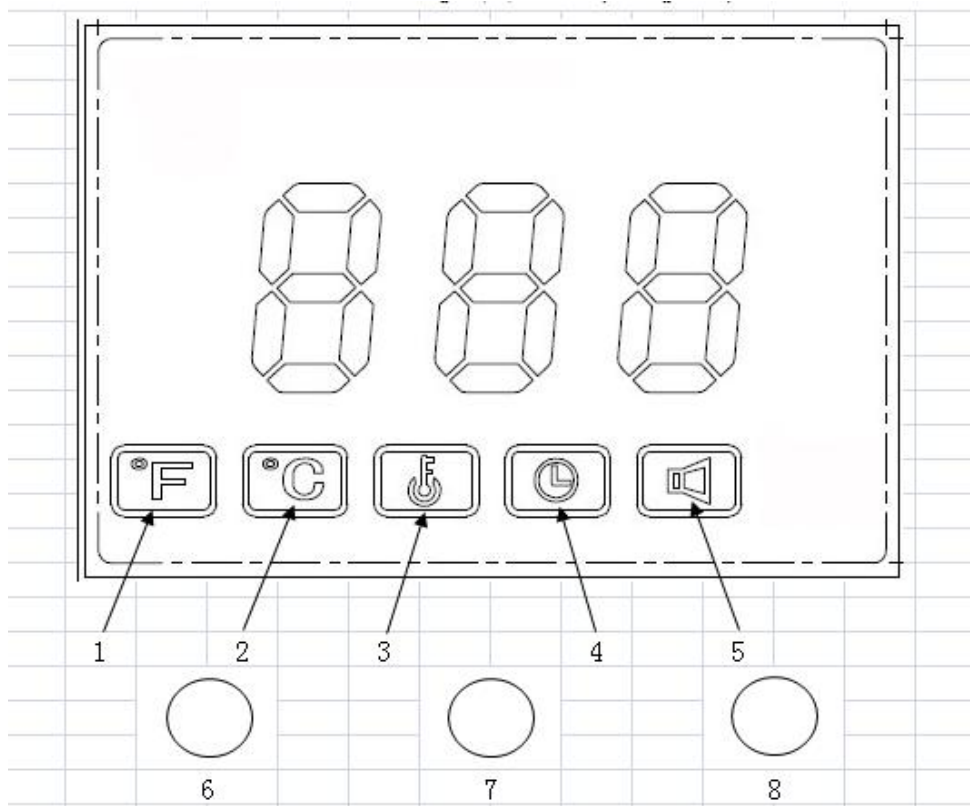
a. Once the heat press finish one time printing countdown,the counter will count one time.

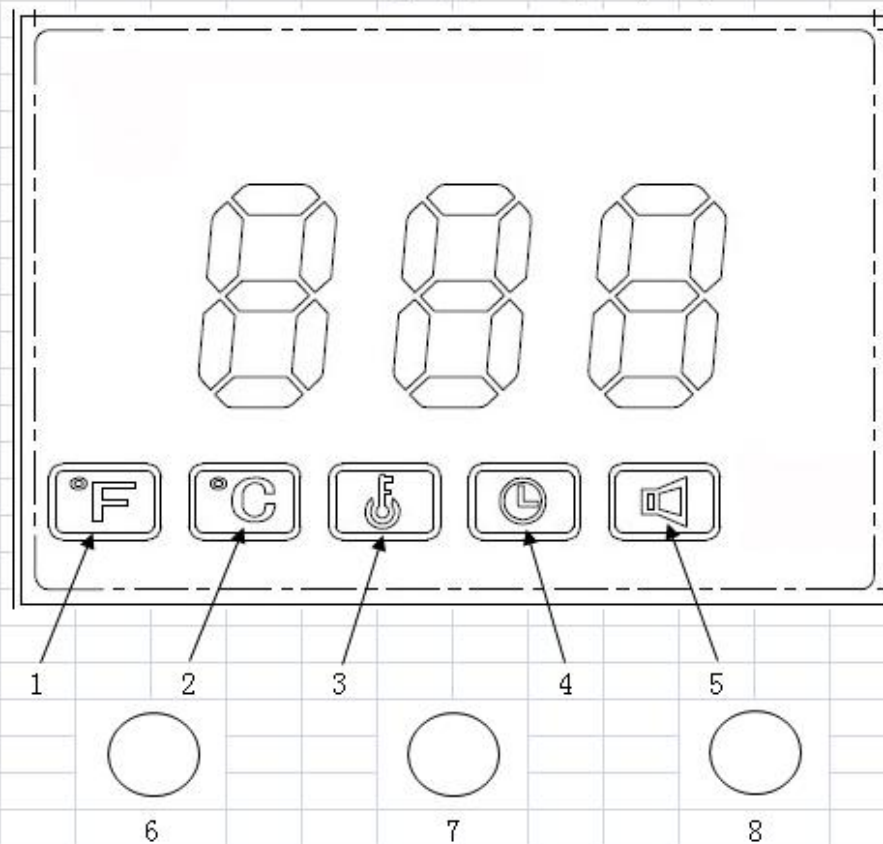
b. If you want to clean up the counter number,please press the”▼” for 5 seconds,the counter will blink up for 3 seconds,and then the counter number will become zero.

5..Indicator light and button instruction:

- ① Instrument Fahrenheit working mode
- ② Instrument degrees Celsius working mode
- ③ Heating
- ④ Counting down
- ⑤ Alarm indication
- ⑥ Increasing button
- ⑦ Setting button
- ⑧ Decreasing button

6.Degrees Celsius and Fahrenheit transfer





5. Indicator light and button instruction:

- ② Instrument Fahrenheit working mode
- ② Instrument degrees Celsius working mode
- ③ Heating
- ④ Counting down
- ⑤ Alarm indication
- ⑥ Increasing button
- ⑦ Setting button
- ⑨ Decreasing button

6. Degrees Celsius and Fahrenheit transfer

1. Pressing the SET button for 5 seconds, first shows P-3, then shows C or F; (when it is in Centigrade state before, it will show C, pressing ▲ become F, when it is in Fahrenheit state before, it will show F, pressing ▼ become C.)

2. Pressing SET button for 5 seconds again, and Centigrade or Fahrenheit state have been finished.

3. Then set temperature and time as before.

3. Operation (Printing your customized gift)

Step 1, Take a digital photo Print it out on sublimation paper with sublimation ink in your printer (mirror image printing). Cut the picture into right size, and then put it to the sublimation object (like sublimation mug, tee shirt, cap, plate etc.) by adhesive tape.

Step 2, Setting the temperature to an appropriate date;

Step 3, Setting appropriate time, the temperature rising time is 2 to 4 minutes; (varies from 30 sec. to 2 minutes. Longer time leads to darker impression)

Step 4, Place the picture-wrapped object in to the machine.

Step 5, The machine shall start the timer automatically and enter the status of constant temperature when the temperature rises to the setting degree;

Step 6, Release the handle when the buzzer rings and take out the printed object; ▼ button to cancel the alarm prompt, and then retrieve the object and finish DIY gift printing.

Get rid of the picture paper after the printed objects to be taken out from the machine.

Any kind of sublimation paper need test before mass production.

4: Replacement of accessories

This machine is made with light materials, so that the mechanical structure is firm and durable and rationally collaborated.

The counterdie of the heat press equipment is fast-locked design. It is only necessary to locking and loosen to replace accessories easily and conveniently.

Combo heat press accessories

Name	Flat Press	Mug press pad	Cap press	Plate press	Other
4 in 1	One piece 32*45cm	One piece	1set	8' or 10'	
5 in 1	One piece 32*45cm	One piece	1set	8' & 10'	
6 in 1	One piece 32*45cm	Two pcs	1set	8' & 10'	
7 in 1	One piece 32*45cm	3 PCS (different size)	1set	8' & 10'	
8 in 1	One piece 32*45cm	4 PCS (different size)	1set	8' & 10'	

- A. Flat press (for t shirt): Plug out other heating pad, and put this flat into the hole and fix it.
- B. Plate press parts installation: Maintain the bottom flat-panel, and push the plate part into the hole and fixed with a screwdriver.
- C. Mug press Pad: Use backing cup machine with time and temperature controller box by connecting aviation connector
- D. Cap Press Parts installation: Push one part into the hole, and push the other part into the “ T ” and fixed with a screwdriver.

. Adjust pressure

Adjust the right pressure before printing or after replace different accessories.

Turn the press adjust regulator for adjust the pressure after this pls turn the back side big screw for fix the pressure.



Cap & Plate Heat press accessories



Aviation connector

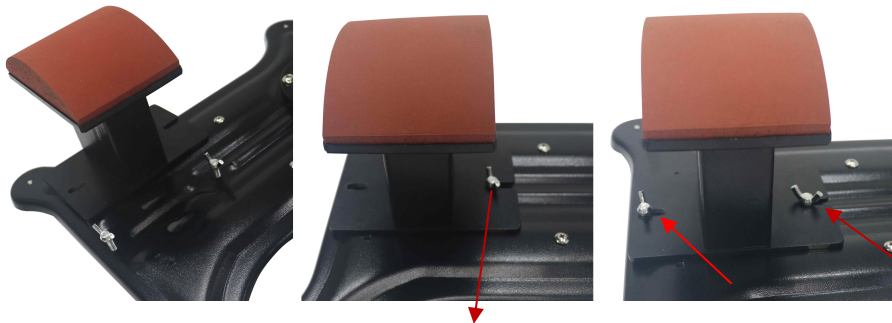
Turn this screw to fix the heating plate not be swong.

How to change the bottom plate on the press:

Total two steps as below:

Firstly

Lastly



--First, push the bottom plate into the front **Butterfly nut**.

--Lastly, fasten the front and back two **Butterfly nuts** on to the bottom plate.



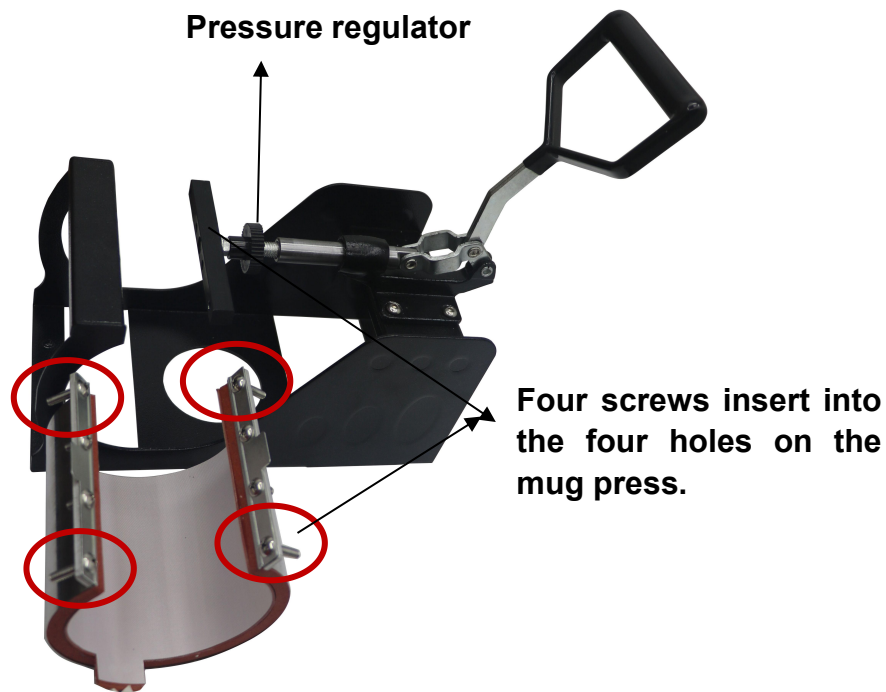
To fit for "T" slot



There are two "T" slots here

1. Unscrew the screws of heat press attachment.
2. Push the dish attachment up and move it backwards to the "T" slot, then fasten screws.

Mug heat press accessories:



VI. Trouble shootings

1. No action after switching on the power
 - a. Check the plug to see whether it touches well
 - b. Check the fuse to see whether it has been burned out
 - c. Make sure you use the safe ground wire and the voltage is correct
2. The smell comes out from the plate.

A slight hot smell comes out for the first few times as the plate with teflon coating or fabric, and the water in the sponge vaporizes. Please pay attention to ventilation and always keep an eye on the wires.

Kindly prompts:

To print and make individualized DIY products, it is also necessary for you to prepare the following equipments and materials.

1. Ink jet printer/ six colors printer (For example: Epson R-230 / R270 / R290 / T50)
2. CISS (Continuous ink supply system)

Different models of Ink jet Printer will need different CISS.
3. Sublimation ink / Heat transfer ink;
4. High-temperature resistant tape;
5. Sublimation paper / Heat transfer paper (for Ceramic and fabric)
6. Paper cutter
7. Press mug / cup and plate: Normal mug and plate will can not use for press, Only sublimation mug and plate can be use.