

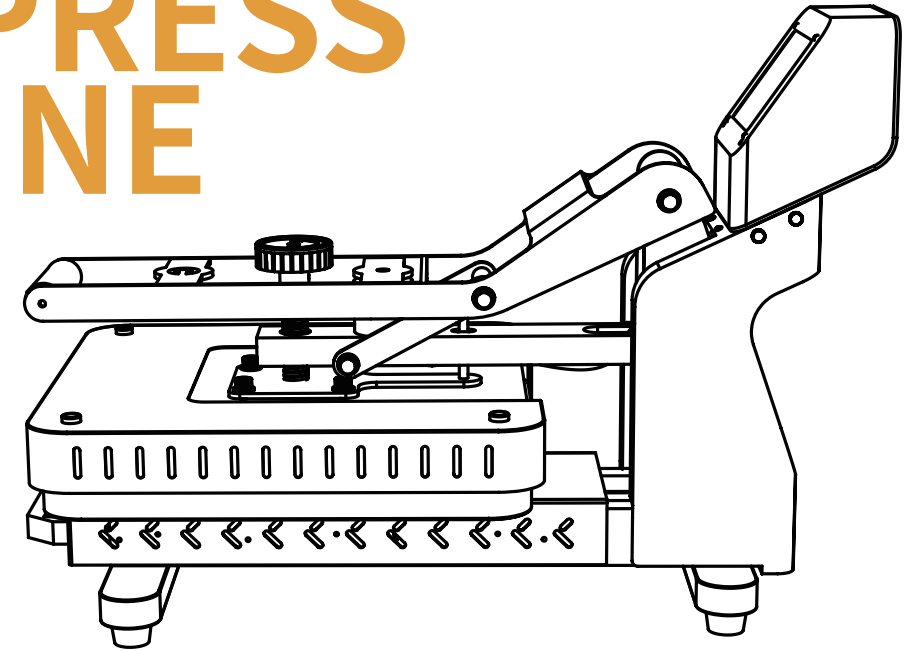
craft express

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# HEAT PRESS MACHINE

This user manual is universal for all sizes,  
all colors, and all configurations of this  
machine.

USER MANUAL



# HEAT PRESS MACHINE

This user manual is universal for all sizes, all colors, and all configurations of this machine.

Heat Platen	38x38cm / 15x15in		40x50cm / 16x20in		40x60cm / 16x24in	
Voltage	220V	110V	220V	110V	220V	110V
Power	2000w	1300w	2200w	1600w	2400w	1800w
Frequency	50~60Hz					
Parameter	Temp. Range: 0-482 °F (0-250°C ) Time Range: 0-999 seconds					

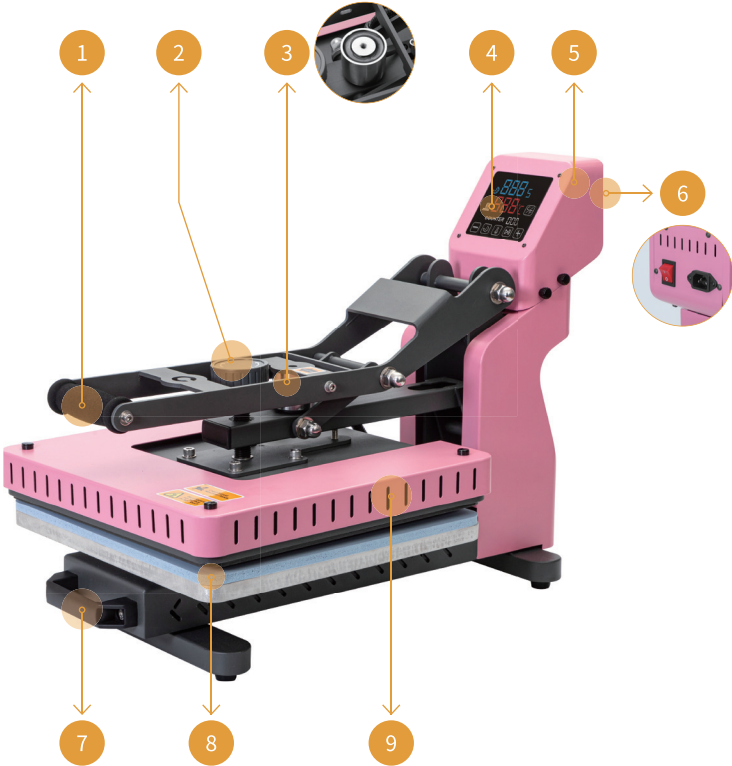


## KNOW THE MACHINE

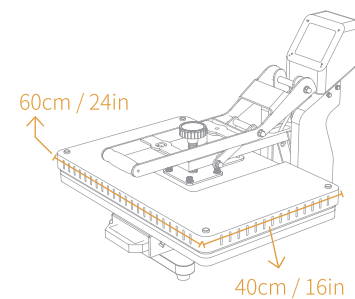
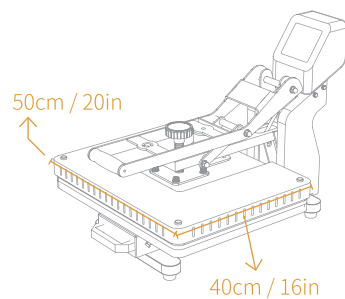
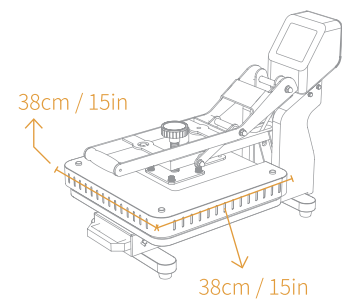
### Configuration list

- Heat Press Machine \*1
- Power Cable \*1
- User Manual \*1
- Silicone Pad \*1
- Screw \*10
- 5mm Allen Key \*1

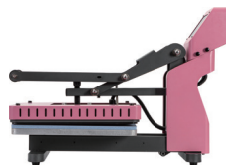
- 1 Pressure Handle
- 2 Pressure Knob
- 3 Electric Lifting Magnet
- 4 Digital Control Meter
- 5 Control Box
- 6 Power Switch
- 7 Slide-Out Drawer Handle
- 8 Silicone Pad
- 9 Heating Platen



### 3 Sizes



### 3 Configurations



#### Manual

- ✗ Slide-Out Drawer
- ✗ Auto-Open



#### Drawer

- ✓ Slide-Out Drawer
- ✗ Auto-Open



#### Auto-Open

- ✓ Slide-Out Drawer
- ✓ Auto-Open

## PREPARATIONS BEFORE USING

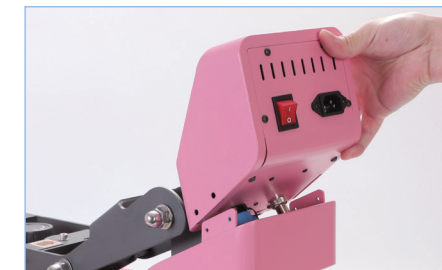
The control box and the machine are packaged separately in the box.



- 1 Locate the control box and unscrew the protective cover at the bottom;



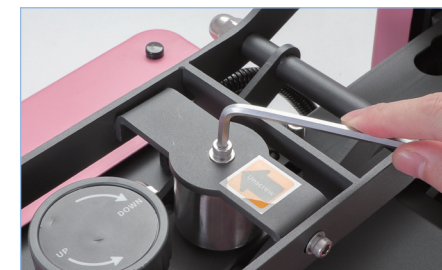
- 2 Connect the two cables at the back of the machine to the control box according to the corresponding interface;



- 3 Place the control box on the machine;

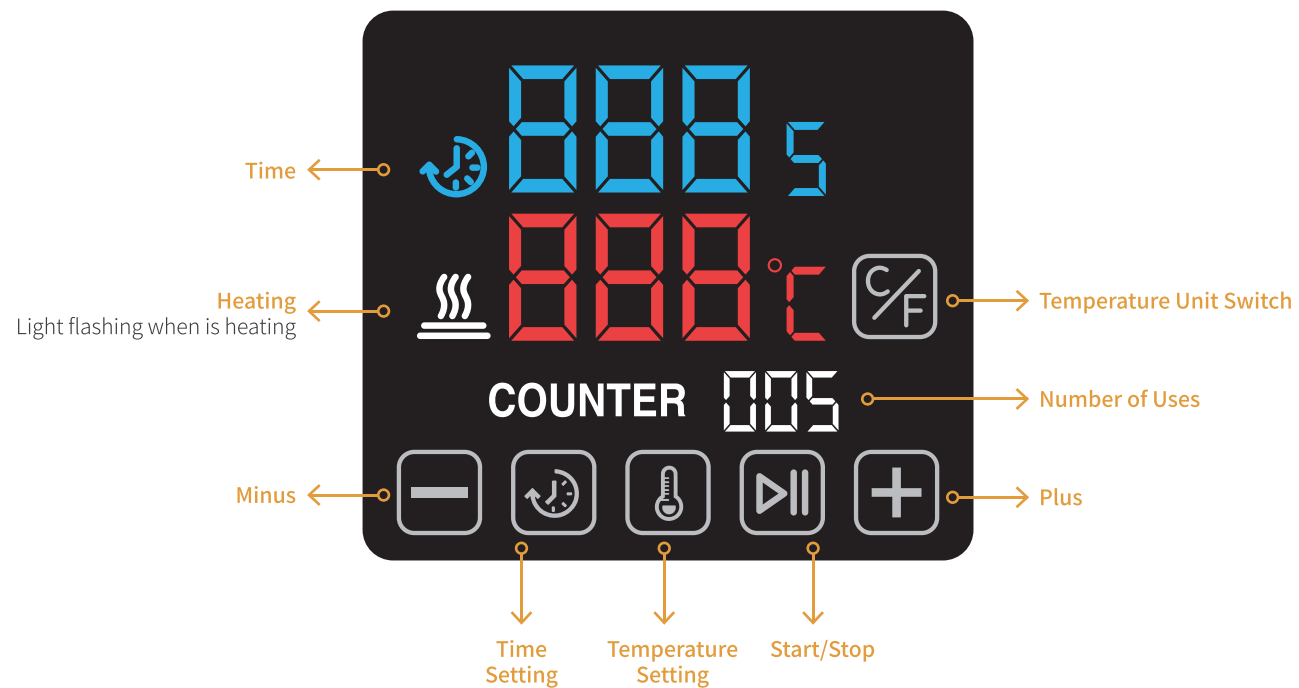


- 4 Fix the control box with two screws on each side.



**Note:** For the Auto-Open Heat Press, remove the screw to use it before using the machine.

## KNOW THE CONTROL PANEL

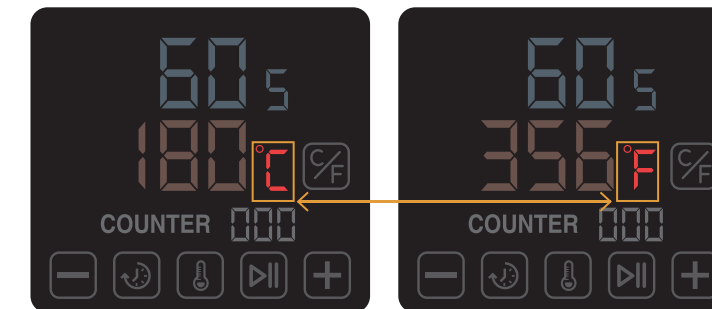


## HOW TO USE THE CONTROL PANEL?

### 1. How to switch between °F and °C ?



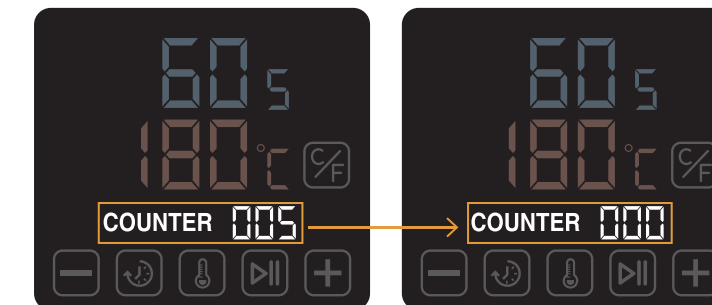
Click the button to switch between °C and °F



### 2. How to clear the number of uses?



Long press the Time button for 8 seconds to clear the number of uses



### 3. How to set the time?



1. Click on the Time button to enter time setting mode;



2. Click the Plus or Minus button to adjust the value;



3. Click the Time button again, exit time setting mode.



### 4. How to set the temperature?



1. Click on the Temperature button to enter temperature setting mode;



2. Click the Plus or Minus button to adjust the value;

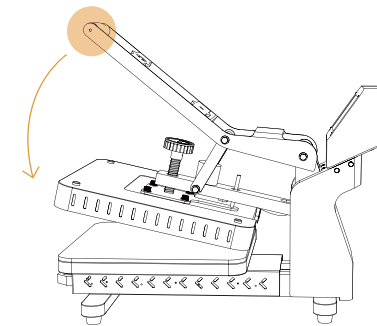
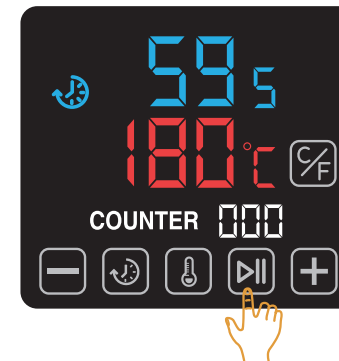


3. Click the Temperature button again, exit temperature setting mode.



### 5. Start printing

1. Click on the Start button to start the countdown;
2. Press down the handle also can start the countdown automatically;
3. Click on the Start button again at any time to stop the countdown.



### 6. Temperature compensation

If the actual temperature of the heater does not match the value displayed on the screen, the temperature compensation value needs to be adjusted.

Enter the exact temperature difference value to be made up. For example, if the actual temperature is 190°C while the value displayed is 180°C, then enter 10 as temperature difference value.



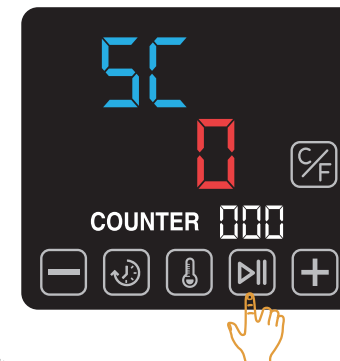
1. Long press the Start button for 8 seconds to enter the temperature compensation settings;



2. Click the Plus or Minus button to adjust the value;



3. Long press the Start button for 8 seconds again to exit the temperature compensation settings.



## 7. Restore default values

After pressing the Start button for 8 seconds to enter the temperature compensation settings, click on the Start button to switch to the settings page for the other 3 values, which we normally do not need to change. If you have accidentally changed the values, you can adjust them back to the default values according to the diagram below.



1. Long press the Start button for 8 seconds to enter the temperature compensation settings;



2. Click the Start button to switch the screen;



3. Click the Plus or Minus button to adjust the value;



4. Long press the Start button for 8 seconds again to exit the temperature compensation settings.



The default temp. difference value is 0;



The default power parameter is 16;



The default current parameter is 100;



The default time interval is 3.

## HOW TO PRINT A TOTE BAG ?



- 1 Put a piece of protective paper on the silicon mat, so the inks won't ruin the mat and the printed items;



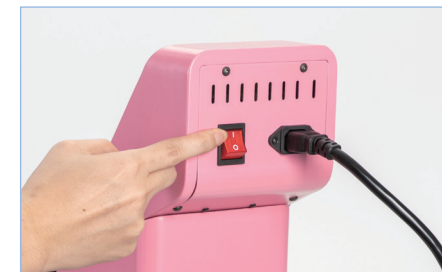
- 2 Insert a heat press pad into the tote bag to prevent the ink from penetrating the other side during the heating process;



- 3 Fixed the image on the printed item with thermal tape and cover it with the protective paper again;



- 4 Adjust the printing pressure;



- 5 Turn on the machine;



- 6 Set printing time and temperature, and wait for machine to heat up;





7 Press down the handle, the machine starts countdown automatically;



8 After countdown, lift up the handle to open the heat platen. (The magnetic auto-open version will beep a sound when 5 seconds remain in the countdown and lift up the pressure handle automatically.);



9 Remove the image and check the amazing printout result.

Notes:

1. For the version with the magnet, the handle will automatically pop up when the countdown is over, so please be careful when using the device;
2. If the machine does not have a magnet or if the pressure is low, the machine will not automatically pop up after the countdown and the handle will need to be pulled up manually;
3. The magnet version of the machine can not pull up the handle during the countdown and requires a click on the Start button to pause the countdown.
4. If the fabric to be printed is uneven, you can wait for the temperature to rise and then press for 3-5 seconds to allow the fabric to flatten out and then fix the image on the fabric for a better printing result.

Safety instructions

1. It is recommended to wear insulated gloves to operate;
2. Do not touch the top and the bottom heating platen with your hands while the machine is still hot;
3. Turn off the power of the machine when you have finished printing.
4. This machine is not intended for use by children.



FAQS:

Colors are lighter	The temperature is too low, the pressure is uneven, or the time is too short.
Printed picture is vague	The printing time is long, which causes the ink spread.
Colors are less bright	The pressure is too high or the temperature is too high.
Printed picture is partially vague	The heat is uneven.
Colors are different	The pressure is uneven or the surface of the printed item is uneven.
The paper sticks on the printed item	The temperature is too high or the coating of the item is in poor quality.

PRINTING PARAMETERS

Product	Temperature	Time(s)	Product	Temperature	Time(s)
Ceramic Tile	180-190°C 360-375 °F	150-200 300-420	Glass Cutting Board (Tempered Glass)	180°C 360 °F	120-180
Christmas ceramic Ornaments	180°C 360 °F	100S	Photo Slate	180°C 360 °F	420-600
Plastic Christmas Ornament (Both-side Printable)	180°C 360 °F	50	FRP Flat Item	190°C 375 °F	60
Stainless Steel Bottle Opener	180°C 360 °F	100	Acrylic Keychain	180 360 °F	80
Sublimation Glass Frame	180°C 360 °F	120	Hardboard Items	190°C 375 °F	70-110

Product	Temperature	Time(s)	Product	Temperature	Time(s)
Puzzle (Paper/Felt/ Fabric/ Hardboard Material)	180°C 360 °F	120	Plywood	190°C 375 °F	50
Vinyl	160°C 320 °F	10-15	PU Keychain	180-190°C 360-375 °F	40-50
Sequin Adhesive	180°C 360 °F	120	T-Shirt/Textile (100% Polyester Material Light-colored fabric)	190°C 375 °F	60

- 1. The above parameters only apply to this Heat Press machine.
- 2. The above parameters are tested on the basis of our machine and consumables and are for reference only, please test them yourself to find the right parameters for your product.