

PRODUCT INSTRUCTION



BS19-001 HEAT PRESS MACHINE

BetterSub

# A LETTER TO YOU

Dear all,

Thank you so much for choosing our product as your first choice. As the manufacturers and the sellers, we have more affection for products. And we are constantly striving to continuously improve our products.

We hope that you can reading this manual carefully. Especially in the suggested temperature and time, these are all our workers' experience. Thank you so much~

If you are more interested in bulk purchase, welcome contact us: [bettersub@foxmail.com](mailto:bettersub@foxmail.com)



Material Source



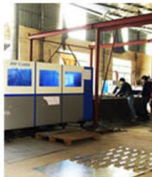
Raw Material Screening



Anti-Rust Treatment



Milling and Drilling



Laser Cutting



Bending&Shearing



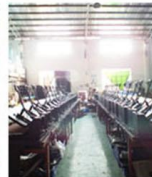
Welding



Power Spraying



Component Assembly



Entire Machine Test



FOQ Report



Full Wrap Packing



Warehouse



Container Loading



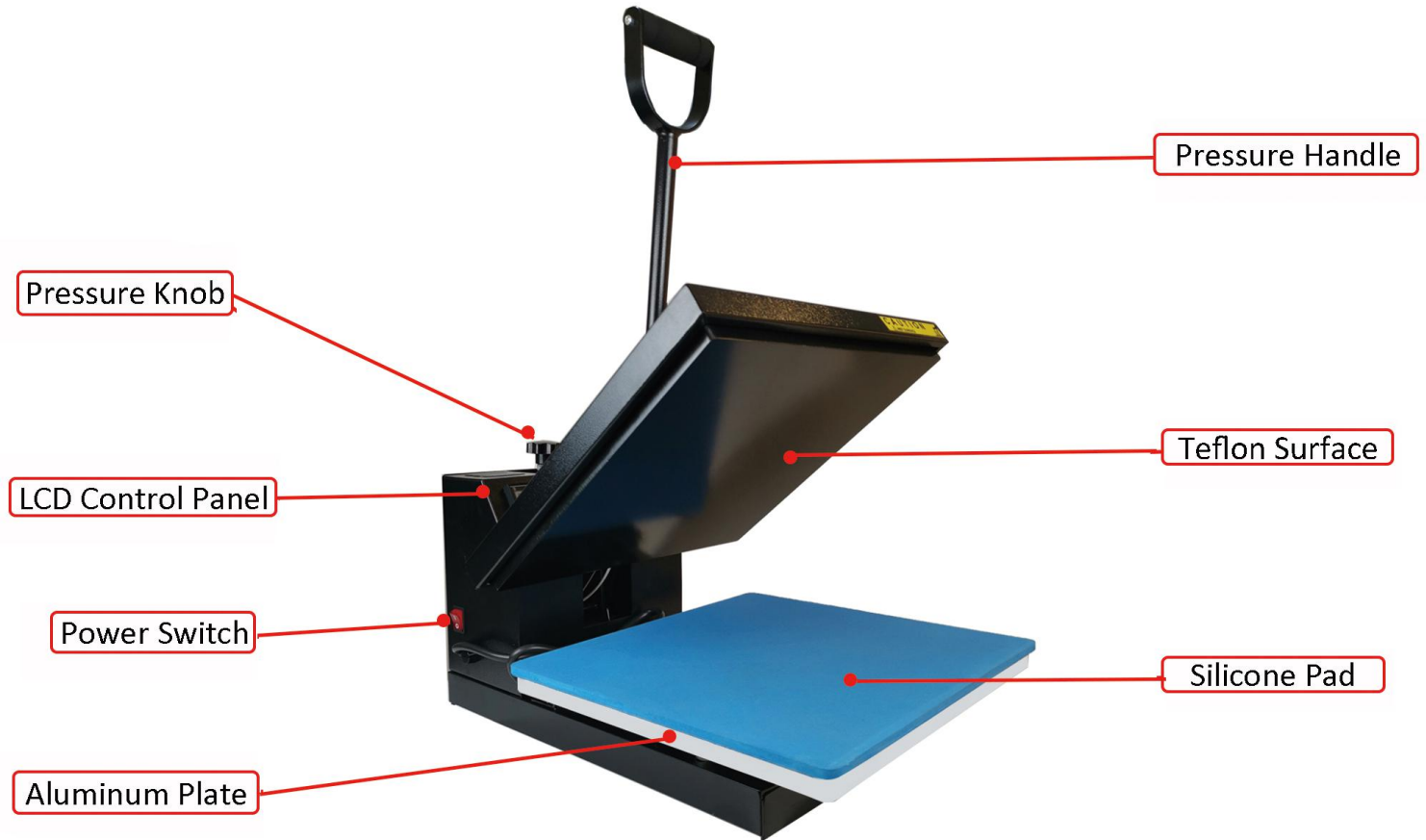
Sell at home and abroad

## WE ARE ALWAYS IMPROVING!

## Precautions

1. Do not use for food processing or any other unintended use.
2. Do not immerse the heat press in water or other liquid to prevent the risk of electricity shock.
3. After finishing your work, please turn the machine off and pull off the plug.
4. Pull out the plug to disconnect from output instead of pull the power cord.
5. Do not allow power cord to touch hot surfaces, cool the machine before package or storage.
6. Do not operate heat press with a damaged cord or when the equipment has been broken.
7. To reduce the risk of electric shock, do not disassemble or attempt to repair the heat press. Take it to a qualified service person for examination and repair. Incorrect assembly or repair could increase the risk of fire, electric shock, or injury to persons when the machine turns on for use.
8. Check the voltage (110V/ 220V) before using this machine.
9. Don't touch the heat plate when the machine is on or when its temperature is still high after turning it off.
10. Burns may occur when touching hot metal parts.
11. To reduce the possibility of fire or circuit burnt for the circuit overload, do not operate other high power equipment on the same circuit.

# Product Construction



## *Product Features*

1.LCD Control Board: LCD display shows the temperature and time, allowing you to have full digital control over those two parameters

2.Solid-state Relays:

More capable of protecting circuits and avoid fire in over voltage than Electronic Relay

3.Teflon Surface: The working surface is covered by Teflon, making it is easy to clean and more durable than cloth coated surfaces

4.Silicone Pad: It can endure maximum temperature of 400 degrees without any distortion.

This sponge makes printing on special or irregular textiles or clothes possible.

5.Heating Rapidly:

The heating plate is thicker and the heating tube is spread over the heating plate, better transfer effect

## More You Can

1. Transfer colorful pictures and words onto textiles made of cotton, flax, chemical fiber, nylon, etc
2. Conduct some heat-treatments such as hair-planting print, vesicant print, and conglutination of clothes with their lining under lower temperature and lower pressure (such as the conglutination of kid's clothes, caps and shoes)
3. Very suitable for Mass Production

## Technical Parameters

Voltage: 110V

Power: 1300W

Platen Press (telfon-coated): 15\*15 inch

Temperature Range: 0-480°F

Timer Control: 0-999 seconds

Temperature difference:  $\pm 5$  °C

Time for heating up: 10-15 minutes

1. We suggest that you can practise to find out the best temperature and time refer to suggestions from our workers' experience
2. The above mentioned Time & Temperature Parameters are on suitable for machine made by our factory. It may be different from other factories

## Suggested Temperature and Time

Item Name	Temperature	Time(S)
T-Shirt(Non-Cotton Material)	360°F /180°C	120
T-Shirt(Light or Dark Color Cotton Material)	360°F /180°C	25
Puzzle	360°F /180°C	120
Mouse Pad	360°F /180°C	120
Glass Photo Frame	360°F /180°C	120
Vinyl	300°F /150°C	6
CD Case(Aluminum with Sparkle)	360°F /180°C	100-120
Cigarette Case(Aluminum with Sparkle)	360°F /180°C	100-120
Metal Name Card	360°F /180°C	40
Pillow	360°F /180°C	120
Imported Grade A and AA Aluminum Sheet	360°F /180°C	45
Ceramic Tile	360°F /180°C	(right side) 150-200 (back side) 300-420
Metal Board (Aluminum And Metal)	360°F /180°C	120
Aluminum Sheet	390°F /200°C	40
Metal Sheet	360°F /180°C	70
Fridge Magnet	320°F /160°C	100
HB(Hardboard)	380°F /190°C	60-90



# Operation

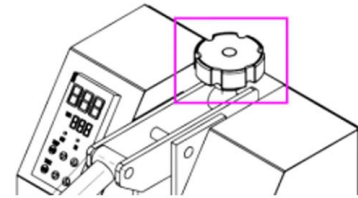
## Step 1 Adjust the Pressure

Before starting the intended operations ,

You can use the Pressure Knob to adjust the pressure between the heat plate and bottom board.

Turning it clockwise will increase the pressure.

Please pull the handle up and press it down to see whether the pressure is suitable.



## Step 2 Connect the Cord and Power on

1. Connect the power cord into a properly grounded electrical outlet with a sufficient amperage rating

2. Check the machine to ensure it is on a good condition: cord and line are not damaged or broken, the machine is put on a plain table or floor

3. Press the power switch on, the panel is lighting up (Do remember to pull the handle up so that heating plate goes up and opens the bottom board before plugging the machine to socket and turning the power switch on. Otherwise the buzz will ring)

**Note:** If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid hazard



## Step 3 Setting the Time & Temperature

OUT: Heating Indicator Light      TIME: Countdown Time Indicator light

### 1. Setting the Target Temperature

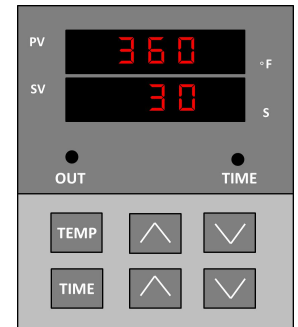
Press the “TEMP” key, then press the  $\wedge$  (up) or  $\vee$  (down) to set the temperature.

Press the ‘Temperature’ again for two seconds to save the temperature settings

### 2. Setting the Target Time

Press the ‘TIME’ key, then press the  $\wedge$  (up) or  $\vee$  (down) to set the time.

Press the ‘TIME’ again for two seconds to save the time settings.



### Note

After you save the target temperature and time, the LCD will show the working temperature, which is the current temperature of the heat plate. The heat plate will take some time to warm up. Please wait until the working temperature reaches the target temperature -only then the machine is ready to use.

### *Step 4 Preparing the Sublimation Paper*

Print the designed image on the sublimation paper or print with the sublimation ink on the color inkjet paper. Remember to choose mirror image. Do not use the sublimation paper until the ink is dry.

### *Step 5 Preparing the blank material (e.g.: cloth)*

Prepare the material you want to print the image on.

Place it on the silicone pad (cloth should lie on the board flat and even).

### *Step 6 Begin heat pressing*

Place the sublimation paper with the printed side downward facing the blank cloth.

Press the heat plate down to start heating.

**The timer will start working automatically,** and the heat pressing process will begin.

### *Step 7 Finish*

When the timer countdowns to zero and the buzzer rings, please raise the handle up to open the heating plate, and then take out the sublimation paper and cloth carefully.

Move the sublimation paper and you will see the designed image is well pressed on the cloth.

## Note

*Tip 1* Be careful of the hot heating surfaces

*Tip 2* Please make sure the heating temperature and transfer time are correct

*Tip 3* In order to extend the service life of this machine, please turn the machine off for 15 minutes after using it continuously for 4 hours

*Tip 4* Each time you put through power supply and turn power switch on, the heat plate will take some time to warm up to reach the target temperature. Warm-up time is about 30 minutes (to reach 360°F / 180°C) for the first press

*Tip 5* Please don't set the temperature to more than 480°F / 250°C or it will shorten the service life of the machine

# *Common Problems and Solutions*

## *1.The Clamshell can't open:*

Please Release the pressure knob, then use the handle to open it. Or start the machine, the heat will soon be ok to open the clamshell!

## *2.The color is lighter:*

The temperature is too low; Or the pressure is not even; Or the time is too short.

## *3.The image is indistinct:*

the time is too long which led to ink diffusion.

## *4.The image has no luster:*

the pressure is too high; Or the temperature is too high.

## *5.Part of design is indistinct:* heat printing zone or the heating is not even.

## *6.Scar on image:* heat printing time is too long.

## *7.Depth of color is not the same:* pressure not even or the coating is not even.

## *8.Paper stick to the object:*

the temperature is too high; Or the coating of the object is not good.

# LOVE GREAT DESIGNS



We recommend to design the pattern you want, or just for entertainment.  
Not suitable for designing violations of *other people's portrait rights or brands.*



BS19-001 Video



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