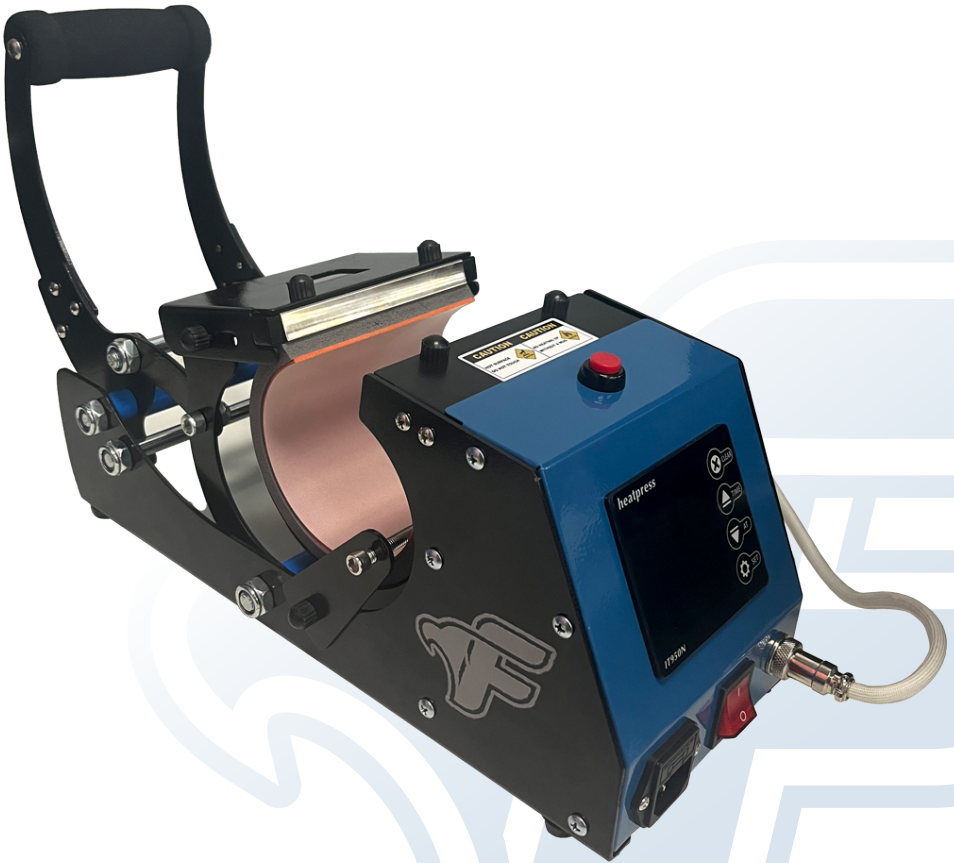




*TF-MUG*

Toyoda Falcon Mug Press

# MANUAL



# INTRODUCTION

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# READ BEFORE USE

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- 1 Check the voltage of the outlet you are plugging the press into before use. The correct voltage is 110-120V/60Hz.
- 2 Turn off the machine when not in use, and remove the power plug from socket.
- 3 Grasp the handle firmly when opening.
- 4 Keep children away from the machine. Do not touch mug heating element when it heats.
- 5 Suitable for sublimation coated mugs and cups.
- 6 Make sure the bottom of mug against the mug fixing rod (length can be adjusted) and place the mug in the middle of the element.
- 7 Do not set the temperature higher than 450°F, as the heating element can burn out and shorten the life (element can be swap out alone if it does not work). Set a lower protective temp in P-L, it can prevent the element from overheating without mug in it.
- 8 Use lubricating oil for regular machine connections maintenance.
- 9 Adjust pressure knob and make sure there is suitable pressure. It is also recommended to make a test first for a suitable temp/time before volume production.
- 10 Mug press machine carries a ground line. Make sure the socket owns a ground line protector. Do not attempt to use this press with a two prong electrical cord or use it without proper grounding.



# PRODUCT OVERVIEW

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## Handle

Opens and closes mug press

## Pressure Knob

Adjusts pressure of the press when a mug is in it. Clockwise increases pressure and counter clockwise decreases pressure.

## Timing Button

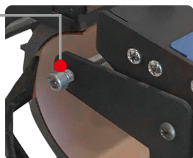
The function of this red button is equal to the “Enter” key. Press either “enter key” to continue to heat up the press from protective temp to working temp. You can switch between 2 functions; “heating state” and “unheated state”. It will stop with a slow beep at the end of countdown.

## Smart Controller

Set time and temperature of the machine.

## Mug Fixing Rod

Make sure the bottom of mug is against the rod. It's length can be adjusted.

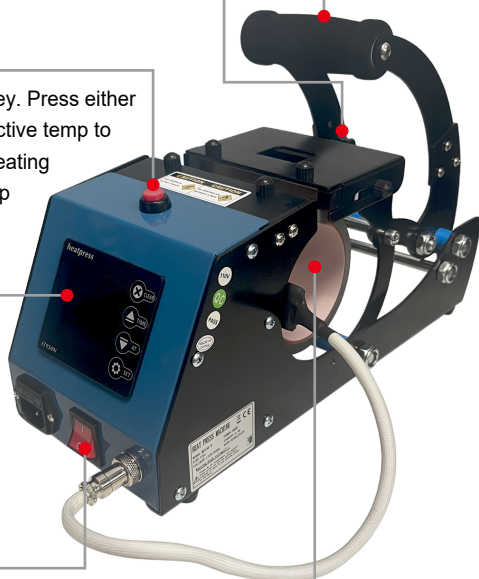


## Power Switch

Plug in power cord and flip switch to power heat press.

## Mug Heating Element

High temperature resistance ensures even temp & pressure.



# SPECIFICATION

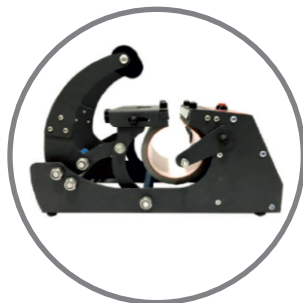
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- Item Style: Mug Press Machine
- Controller: Digital Controller
- Available sizes: 6oz, 10oz, 11oz, 12oz
- Mug heating element: Use 600-800 times (can be swap out alone)
- Voltage: 110v or 220v
- N.W.: 9.9lbs
- G.W.: 12lbs
- PKG: 41\*23\*23cm, cardboard packaging.

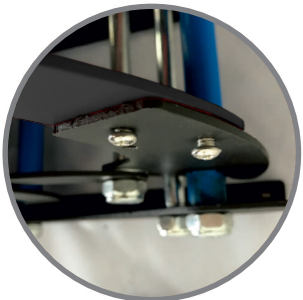
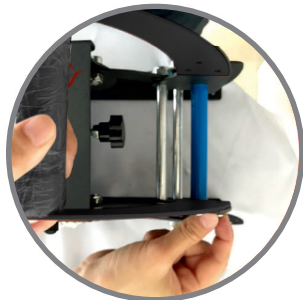
# INSTALLATION INSTRUCTIONS

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## HOW TO INSTALL THE MUG FIX ROD



## HOW TO INSTALL THE HANDLE



# PRODUCT ADVANTAGE

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- Mug Heating Element is made of heating coils and silicone. Available sizes are: 6oz , 10oz , 11oz , 12oz.
- This smart controller has 2 temp settings, protective temp and working temp. The protective temp setting protects the mug heating element by regulating heat when there is no mug in the press.
- Easy to adjust the pressure.
- Lightweight, easy to store.
- CE certification.
- One year warranty on machine, and life-time technical support.

# ADJUST PRESSURE INSTRUCTIONS

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## HOW TO ADJUST PRESSURE BY KNOB



- 1.** Loosen these adjustment screws before you adjust pressure of Pressure Knob (do not take the screws out).
- 2.** Rotate pressure knob for suitable pressure. Clockwise increases pressure and counter clockwise decreases pressure.
- 3.** Tighten adjustment screws.

## TIPS

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- 1.** Adjust pressure before you turn on the machine and attach sublimation paper to the mug.
- 2.** Put a mug into the element to test the pressure if you don't know if it's suitable.
- 3.** If you forget to adjust pressure before it heats up, don't put a mug and sublimation paper into the press as the image will be blurred.

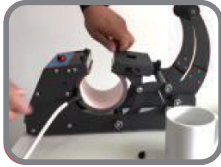
# EXCHANGE ELEMENT INSTRUCTIONS

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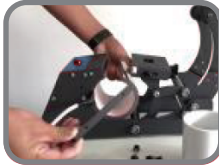
## HOW TO TAKE THE HEATING ELEMENT OUT



1



2



3



4

1. Counter clockwise to loose the round plug.
  2. Loose four top screws.
  3. Take the rod out.
  4. Take the element out. Caution! Look out for sharp edges.
- 

## HOW TO INSTALL A HEATING ELEMENT



1



2



3



4

1. Put the heating element (with rod) into machine.
2. Put the side with rod in first and install screws.
3. Put the other side in and install screws.
4. Insert the round plug and clockwise to tight it.

# OPERATING INSTRUCTIONS



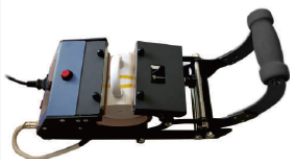
1. Printing the image on sublimation paper.



2. Outputting the image.



3. Fixing the image on the mug with high temperature tape.



4. Putting the mug into the machine.



5. Closing the handle and adjust the pressure knob to make sure the mug is well-pressed.



6. Connecting the power cord and turn on the power switch. The display screen should illuminate. Pressing the "OK" key, the screen shows "P-1", you need to set a working temp by press "▼" "▲" (eg.360°F).



7. Pressing "OK" again and the screen shows "P-L", you need to set a protective temp by press "▼" "▲" (eg.250°F).



8. Pressing "OK" (the third time) and the screen shows "P-2", you need to set time by press "▼" "▲" (eg.120s). ps: the temp and time will be vary according to the material you use, test it before you do volume production.



9. Once you have both time and temperature set up. Press OK again to confirm all the setting data. The machine start heating up.



# OPERATING INSTRUCTIONS (CONTINUED)



10. When the press heats up to the protective temp (P-L), it will approximately maintain at the protection temperature. It is time to put mug in the heating element, and press "Enter" key to heat up (You can see HEATING light of controller is bright, and the press continue to heat up to working temp).



11. When the press raises to the working temp (P-1), it will count down automatically. And it will beep at the end of countdown (display shows 0), reminding you that it's done. Take the mug out first. If you want to sublimate other mugs, please put next one in element, press "Enter" to stop beep, and press "Enter" again to heat up. Otherwise, turn off the machine.



12. Peel off the sublimation paper carefully. A beautiful exclusive mug comes out. Caution: Hot!

# TROUBLE SHOOTING

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## **Q1. Uneven heat. Does not cover the mug evenly, causing a light spot in the image.**

**A1.** There are some factors causing this problem.

- 1.** The pressing time and temperature is incorrect. Do tests and adjust the pressing time and temp until you have an even print.
- 2.** The pressure is incorrect. Adjust the pressure knob and do tests until you have an even print.
- 3.** Didn't put mug in the middle of the heating element. Make sure the bottom of mug is against the mug fixing rod (length can be adjusted) and put it in the middle of the element.
- 4.** The finish on the mug is not smooth or suitable for sublimation.

## **Q2. What's the difference and function between the red button and "enter" key?**

**A2.** Function of the red button on the top is equal to the "Enter" key (recommend you use "Enter key" as it is more sensitive). They have 2 functions:

- 1.** You can switch between two functions; "heating state" and "unheated state" by pressing these keys. While in "heating state", the press will continue to heat up to working temp, and you can see the heating light is bright. You must to switch to this state when you start to sublimate your mug. In "unheated state", the press will maintain at protective temp, and the heating light is dim. You can switch to this state when you need to stop the heat of the press.
- 2.** Press one of them to stop beeping at the end of countdown (display shows 0). Note, if you want put in another mug, we recommend you take the printed mug out first and put next one in before you press the key to stop beep.

## **Q3. The design pressed has no luster.**

**A3.** The heating temperature is too high or heating element is worn out (generally, 600-800 presses). You will need to replace the heating element.

## **Q4. The sublimation paper sticks to the mug.**

**A4.** The temperature of the press is too high, or the coating on the mug is defective.

# TROUBLE SHOOTING (CONTINUED)

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**Q5. How to make sure you have the correct pressure.**

**A5.** Adjust the pressure with the pressure knob. Put a mug into the element (you should feel some resistance when you close the handle). You can also observe the gap between mug and element.

**Q6. Turn on the power, but the mug press does not turn on.**

**A6.** Please check the power plug if it is well connected to the socket; if not, ask our support team for help

**Q7. The pressure knob is too hard to adjust.**

**A7.** Add some lubricating oil to it.

**Q8. The mug press smells when it heats up.**

**A8.** It is normal for the silicone of the element so have a slight smell when it heats up.

**Q9. When can I put mug in the heating element .**

**A9.** We suggest you put the mug in the element when the machine heats up at approximately protective temp (P-L), and don't forget to press "Enter" key after you put mug in (otherwise, it cannot continue to heat up). Note, adjust pressure before you set data and make sure the mug is well-pressed.

**Q10. Why does the press beep fast after I complete a mug.**

**A10.** It is normal that the press beeps when you complete a mug. This is ment to remind you to take the printed mug out, put the next mug in element or turn off the machine asap when you done. This beeping promotes saving power, is safer and contributes to protecting the element.

