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› HTVRONT 15x15 Swing Away Heat Press Machine User Manual (Model HPS02)

## HTVRONT HPS02

# HTVRONT 15x15 Swing Away Heat Press Machine User Manual

Model: HPS02

## 1. INTRODUCTION

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The HTVRONT 15x15 Swing Away Heat Press Machine is designed for professional heat transfer projects, including sublimation, vinyl, and heat transfer. It features a 15x15 inch heat plate, rapid and even heating, adjustable pressure, and a swing-away design for safe and precise operation. This manual provides essential information for safe and effective use of your heat press machine.

## 2. SAFETY PRECAUTIONS

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- Always keep hands away from the hot plate during operation to prevent burns.
- Ensure the machine is placed on a stable, flat, and heat-resistant surface.
- Do not operate near open vents or drafts, as this can affect temperature consistency and transfer quality.
- Unplug the power cord and USB cable when the machine is not in use or before cleaning.
- Allow the heat plate to cool completely before storing the machine.
- Do not immerse the product in any liquid.
- Children under 14 years of age must have adult supervision while using the machine.
- The machine features an auto-shut off function after 15 minutes of inactivity for safety.

## 3. INCLUDED IN THE BOX

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Verify that all components are present in your package:

- HTVRONT Manual Heat Press x 1
- Control Pad x 1
- Heat Insulation Pad x 1



Figure 1: Contents of the HTVRONT 15x15 Heat Press Machine package.

## 4. PRODUCT OVERVIEW & COMPONENTS

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Familiarize yourself with the main parts of your heat press machine:

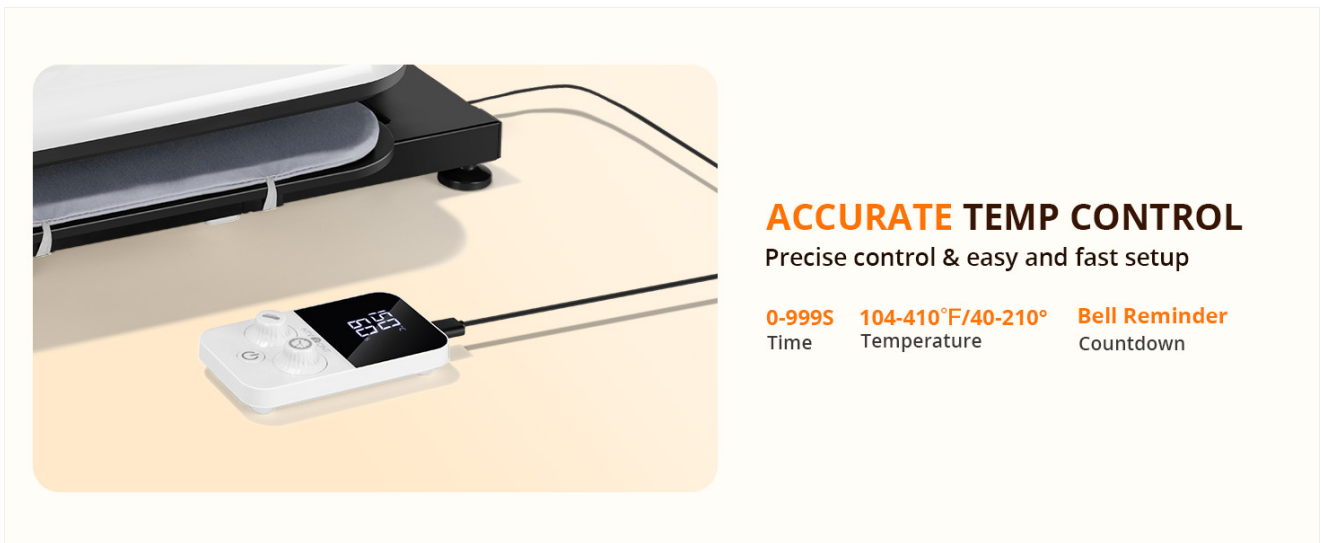


Figure 2: Diagram illustrating the main components of the HTVRONT Heat Press Machine, including the handle, pressure regulator, wire protective tube, swivel heat plate, ironing board, metal base, and control pad.

## 5. SETUP

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1. **Unpack:** Carefully remove the heat press and all accessories from the packaging.
2. **Placement:** Place the heat press on a stable, flat, and heat-resistant surface. Ensure there is adequate space around the machine for safe operation and heat dissipation.
3. **Connect Control Pad:** Connect the control pad cable to the designated port on the main unit.
4. **Power Connection:** Securely plug the power cord into a grounded electrical outlet.

Video 1: Demonstration of the heat transfer process using the 15x15 heat press, including placing the design, pressing, and peeling.

## 6. OPERATING INSTRUCTIONS

## 6.1. Pre-Pressing

Before applying your design, it is crucial to pre-press your garment. Place the garment on the ironing board and press for 5-10 seconds. This step removes wrinkles and any moisture from the fabric, ensuring a smooth and durable transfer.

## 6.2. Setting Temperature and Time

1. **Power On:** Press the power button on the control pad to turn on the machine.
2. **Set Temperature:** Rotate the 'Temp' knob on the control pad to adjust the desired temperature (range: 104-410°F / 40-210°C). Press the 'Temp' button once to confirm the setting. The machine will begin to heat up.
3. **Set Time:** Rotate the 'Timer' knob to adjust the desired pressing time (range: 1-999 seconds).



Figure 3: Close-up of the control pad showing temperature and time settings, with rotary knobs for adjustment.

## 6.3. Adjusting Pressure

The heat press features an adjustable pressure knob located on the top bar. Turn the knob clockwise to increase pressure and counter-clockwise to decrease it. Adjust the pressure according to the thickness of your material and the requirements of your heat transfer vinyl or sublimation paper for optimal results.



Figure 4: Image highlighting the flexible pressure regulator knob on the heat press, used to adjust downward force.

## 6.4. Heat Transfer Process

1. **Prepare Material:** Place your pre-pressed garment or material on the ironing board.

2. **Position Design:** Carefully position your heat transfer design onto the material. Use heat-resistant tape to secure it if needed.
3. **Swing Heat Plate:** Rotate the heat plate away from the ironing board using the handle to provide clear access.
4. **Press:** Once the desired temperature is reached, swing the heat plate back over the material. Press the handle down firmly until it locks into place.
5. **Start Timer:** Hold the 'Timer' button on the control pad for 2 seconds to start the countdown.
6. **Release:** When the timer beeps, lift the handle and swing the heat plate away from the material.
7. **Peel:** Refer to your specific heat transfer material's instructions for whether to perform a hot peel (peel immediately while hot) or a cold peel (allow to cool before peeling).

## NO WOBBLING OR MOVING

The heat press machine has a special non-slip base design, so it's very stable and won't wobble or move when using.



Figure 5: Visual guide showing the steps of setting up a garment, pressing the heat transfer, and revealing the finished product.

## 7. MAINTENANCE

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### 7.1. Cleaning

- Always ensure the machine is unplugged and completely cool before cleaning.
- Wipe the heat plate with a soft, damp cloth. Do not use abrasive cleaners or harsh chemicals, as these can damage the non-stick coating.
- Clean the exterior of the machine with a dry, soft cloth.

### 7.2. Storage

- Store the heat press in a dry, safe place away from direct sunlight and extreme temperatures.
- Ensure the heat plate is fully cooled before covering or storing.

## 8. TROUBLESHOOTING

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### 8.1. Common Issues

- **Uneven Heat Distribution:** Ensure the heat plate is clean and free of debris. Verify that the temperature settings are correct and allow sufficient time for the machine to reach and stabilize at the set temperature.
- **Transfer Not Adhering:** Check your temperature, time, and pressure settings against your specific heat transfer material supplier's recommendations. Ensure the garment was pre-pressed to remove moisture.
- **Machine Not Heating:** Check the power connection and ensure the control pad is properly connected. If the screen

displays "E1" or "E2", cut the power immediately and restart. If issues persist, contact customer service.

- **Pressure Knob Issues:** Ensure the pressure knob is securely attached and not stripped. Adjust pressure carefully and avoid overtightening.
- **Auto Shut-off:** The machine automatically turns off after 15 minutes of inactivity as a safety feature. Simply power it back on to resume operation.

## 9. SPECIFICATIONS

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Feature	Specification
Product Name	Manual Heat Press
Model	HPS02
Input	120V~60Hz 1500W; 220-240V~50-60Hz 1500W
Temperature Range	40-210°C (104-410°F)
Time Range	1-999 seconds
Heat Plate Size	38.1 x 38.1 cm (15 x 15 in)
Product Dimensions (L x W x H)	49.2 x 38.1 x 27.9 cm (19.4 x 15 x 11 in)
Package Dimensions (L x W x H)	55.5 x 46.0 x 38.0 cm (21.9 x 18.1 x 14.9 in)
Machine Weight	15.9 kg / 35.0 lb
Package Weight	17.6 kg / 38.8 lb
Material	Plastic
Color	White
Recommended Uses	Heat Transfer, Iron on, Sublimation

## 10. WARRANTY AND SUPPORT

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### 10.1. Warranty Information

The HTVRONT Heat Press Machine comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

### 10.2. Customer Support

For any problems, questions, or concerns regarding your HTVRONT Heat Press Machine, please contact HTVRONT customer service. We are committed to providing satisfactory resolution for all our customers. Refer to the official HTVRONT website or your purchase documentation for contact details and further support resources.

