

HTVRONT SG-RYJ-0044

HTVRONT Automatic Heat Press Machine User Manual

Model: SG-RYJ-0044

Brand: HTVRONT

1. INTRODUCTION

Thank you for choosing the HTVRONT Automatic Heat Press Machine. This manual provides essential information for the safe and efficient operation of your new heat press. Please read this manual thoroughly before first use and keep it for future reference. This machine is designed for heat transfer projects on various materials such as T-shirts, bags, and caps, offering automatic pressing and release for ease of use.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions before using the appliance.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electrical shock, do not immerse cord, plugs, or heating elements in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner.
- The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- The machine features an auto shut-off function after 15 minutes of inactivity to prevent overheating.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts of your HTVRONT Automatic Heat Press Machine.



Figure 3.1: Front view of the HTVRONT Automatic Heat Press Machine.

AUTOMATIC HEAT PRESS

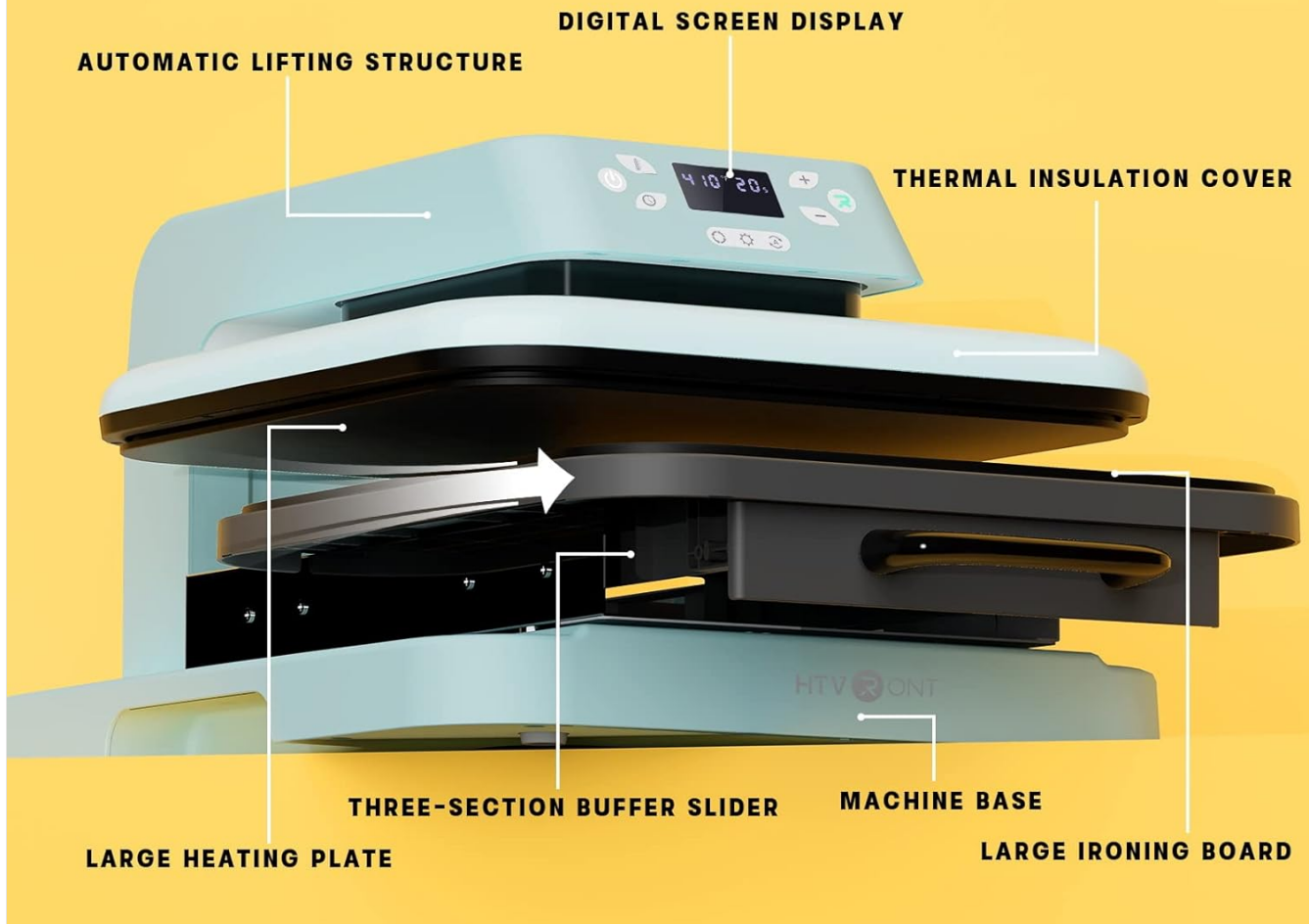


Figure 3.2: Key components of the HTVRONT Automatic Heat Press.

- **Digital Screen Display:** Shows temperature and time settings.
- **Control Panel:** Buttons for power, temperature/time adjustment, mode selection, and start/stop.
- **Automatic Lifting Structure:** Automatically lowers and raises the heating plate.
- **Thermal Insulation Cover:** Provides heat protection.
- **Large Heating Plate:** 15x15 inch surface for heat transfer.
- **Three-section Buffer Slider:** Ensures smooth and stable movement of the tray.
- **Large Ironing Board (Tray):** Pull-out drawer design for easy placement of materials.
- **Machine Base:** Provides stability for the unit.

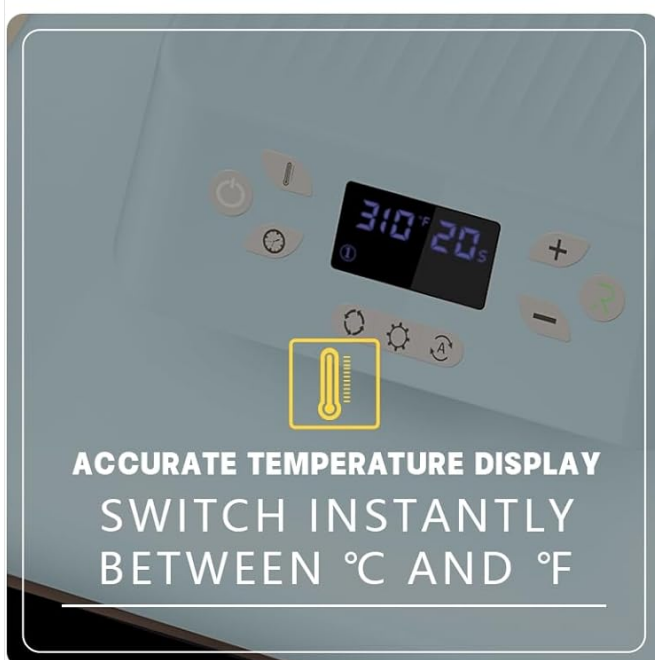
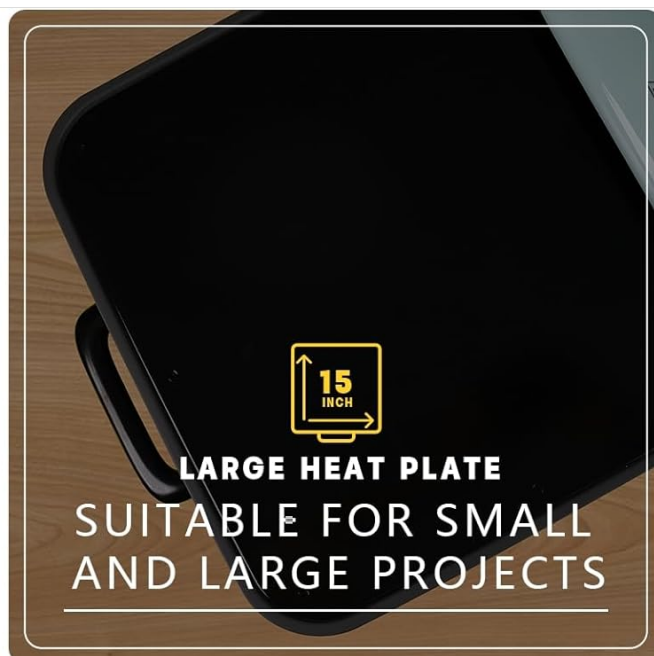
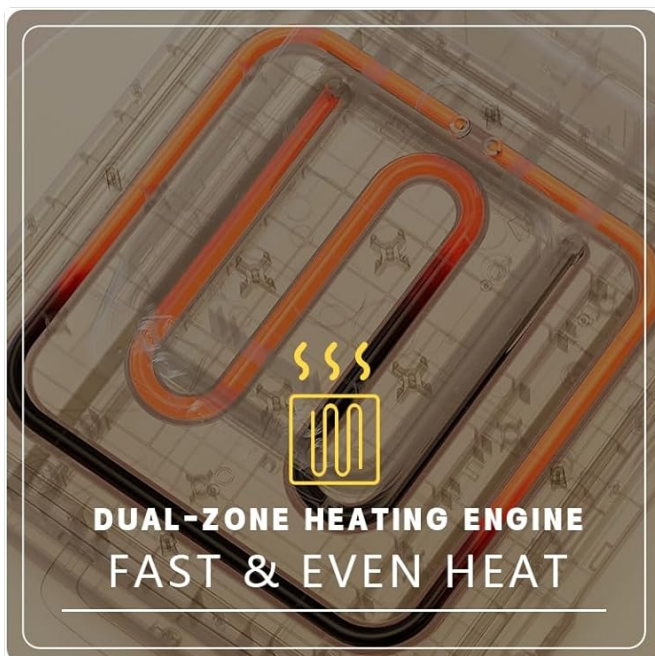


Figure 3.3: Dual-zone heating engine for fast and even heat distribution.

4. SETUP

1. **Unboxing:** Carefully remove the heat press from its packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the machine on a stable, flat, and heat-resistant surface. Ensure there is adequate clearance around the machine for ventilation and safe operation.
3. **Power Connection:** Plug the power cord into a grounded 110V AC outlet.
4. **Initial Power On:** Press the power button on the control panel to turn on the machine. The display will light up.

Video 4.1: An overview of the HTVRONT 15X15 Inches Automatic Heat Press Machine, demonstrating its features and setup. This video is provided by the seller.

5. OPERATING INSTRUCTIONS

The HTVRONT Automatic Heat Press Machine offers both manual and automatic modes for efficient heat transfer.



Figure 5.1: Control panel with temperature and time display.

MULTIPLE MODES FOR QUICK-START

ELIMINATE THE HASSLE OF REPEATED SETUPS AND INCREASE EFFICIENCY



4 Preset Modes



2 Custom Modes



Auto Mode



* 4 preset modes for HTVRONT HTV, glitter HTV, heat transfer paper and sublimation paper.

Figure 5.2: Setting temperature and time on the control panel.

5.1. Setting Temperature and Time

1. Press the **Temperature/Time Setting** button (usually indicated by a thermometer or clock icon) to toggle between temperature and time settings.
2. Use the **+** and **-** buttons to adjust the desired temperature (in Fahrenheit or Celsius) and time (in seconds).
3. The machine will automatically begin heating to the set temperature.

5.2. Using Preset and Custom Modes

The machine features 4 fast modes and 2 user-defined custom modes for quick setup.

- **Preset Modes:** Press the **Mode** button (often a gear or settings icon) to cycle through the 4 preset modes. Each mode has pre-configured temperature and time settings suitable for common materials like HTV, glitter HTV, heat transfer paper, and sublimation paper.
- **Custom Modes:** To set a custom mode, adjust the temperature and time manually. Then, press and hold one of the custom mode buttons (if available, typically indicated by a star or 'C' icon) to save your settings.

5.3. Automatic Pressing Process

1. **Prepare Material:** Pull out the ironing board (tray) using the handle. Place your material (e.g., T-shirt) and heat transfer design onto the tray. Ensure the material is flat and properly positioned.
2. **Insert Tray:** Push the tray completely into the machine. The machine will detect the material's thickness.
3. **Start Pressing:** Press the **R** button (Release/Start) to initiate the automatic pressing cycle. The heating plate will automatically lower and apply pressure based on the material's thickness.
4. **Auto Release:** Once the set time countdown ends, the machine will automatically release the material and the heating plate will rise.
5. **Remove Material:** Pull out the tray and carefully remove your heat-pressed item.



Figure 5.3: Pullout drawer design for safe material placement.



Figure 5.4: Broad application of the heat press for various projects.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your heat press.

- **Cleaning the Heat Plate:** After the machine has cooled down completely, wipe the heat plate with a soft, damp cloth to remove any residue. For stubborn stains, use a non-abrasive cleaner specifically designed for heat press platens.
- **General Cleaning:** Wipe down the exterior of the machine with a dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the heat press in a dry, dust-free environment.
- **Regular Inspection:** Periodically check the power cord for any signs of damage. Ensure all moving parts operate smoothly.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your heat press.

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not properly connected; Power outlet malfunction.	Ensure power cord is securely plugged into a working outlet. Check circuit breaker.
Machine beeps continuously and does not press.	Tray not fully inserted; Obstruction preventing full closure.	Ensure the pull-out tray is pushed completely into the machine. Check for any items blocking the tray's path.
Temperature error or machine cuts off at high temperature.	Overheating; Sensor malfunction.	Allow the machine to cool down. If the issue persists, contact customer support. Ensure proper ventilation around the machine.
Uneven heat transfer.	Material not flat; Residue on heat plate; Incorrect temperature/time settings.	Ensure material is flat and smooth. Clean the heat plate. Verify temperature and time settings are appropriate for your material.
Automatic release not working.	Internal mechanism issue.	Power cycle the machine. If the problem continues, contact customer support.

If you encounter an issue not listed here or if the suggested solutions do not resolve the problem, please contact HTVRONT customer support for assistance.

8. SPECIFICATIONS

Key technical specifications for the HTVRONT Automatic Heat Press Machine.

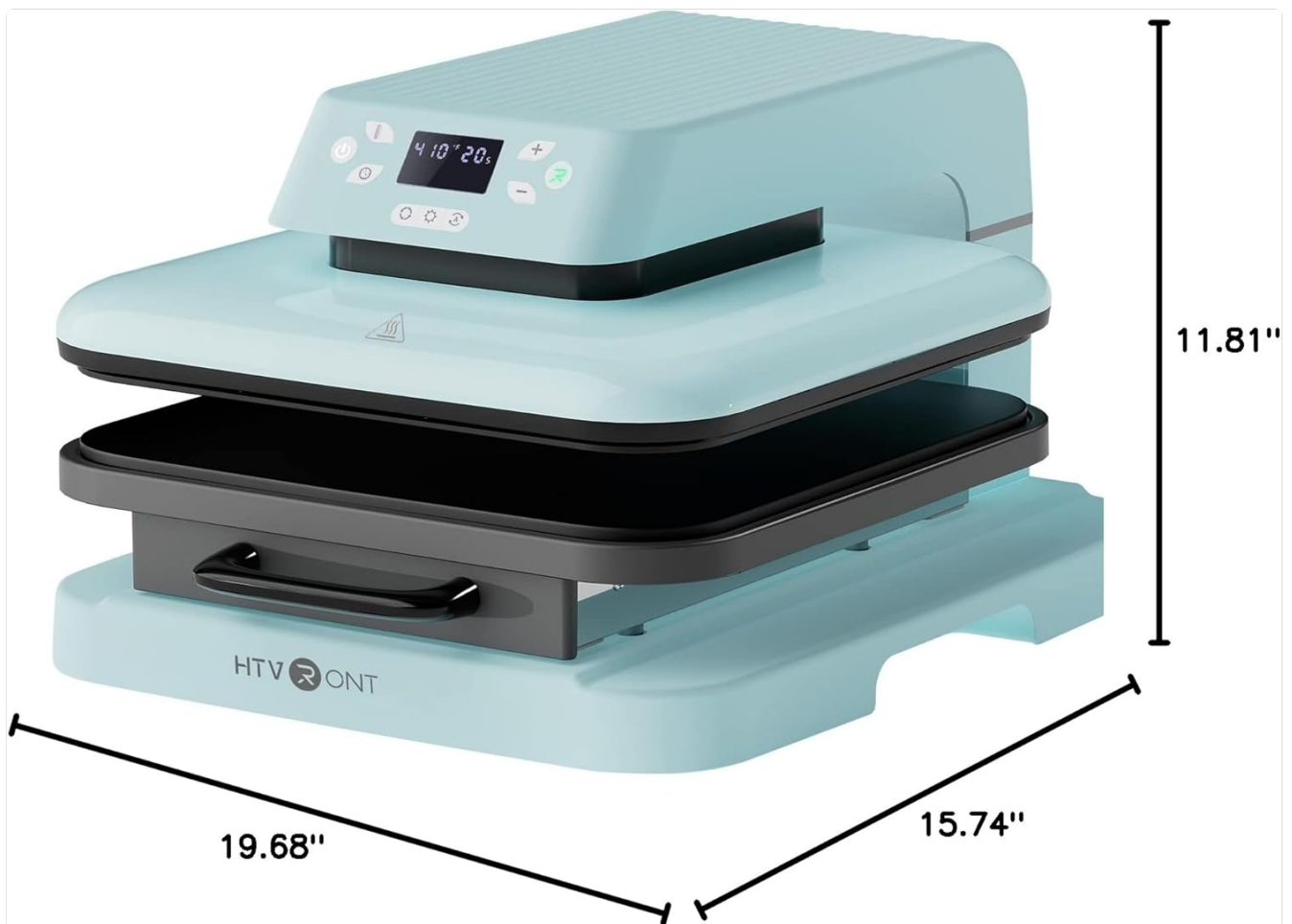


Figure 8.1: Product Dimensions.

Feature	Specification
Model Number	SG-RYJ-0044
Brand	HTVRONT
Product Dimensions (L x W x H)	19.68 x 15.74 x 11.81 inches
Item Weight	40.1 pounds (18.23 Kilograms)
Upper Temperature Rating	410 Degrees Fahrenheit (210 Degrees Celsius)
Voltage	110 Volts
Recommended Uses	T-Shirt, Bag, Cap
Material	Vinyl
Color	Light Blue
Certification	FCC Certified

9. WARRANTY AND SUPPORT

Warranty Period: The warranty period for this HTVRONT Automatic Heat Press Machine is 1 year from the date of

purchase.

Customer Support: If you have any questions, concerns, or require technical assistance with your HTVRONT Automatic Heat Press Machine, please do not hesitate to contact HTVRONT customer support. Please refer to the contact information provided with your product packaging or visit the official HTVRONT website for support details. When contacting support, please have your model number (SG-RYJ-0044) and purchase date ready to expedite the process.