

## HTVRONT SG-RYJ-0521-US

# HTVRONT Auto Heat Press 2 User Manual

Model: SG-RYJ-0521-US

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your HTVRONT Auto Heat Press 2. Please read this manual thoroughly before using the device to ensure proper function and to prevent damage or injury. Keep this manual for future reference.

## 2. SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions may result in fire, electric shock, or other injury or damage.**

- Always operate the heat press on a stable, heat-resistant surface.
- Keep hands and fingers clear of the heating plate during operation to avoid burns.
- Do not immerse the machine in water or other liquids.
- Ensure the power cord is not damaged and is properly plugged into a grounded outlet.
- Unplug the machine when not in use or before cleaning.
- Do not leave the machine unattended during operation.
- The machine features an automatic shut-off function after 15 minutes of inactivity to prevent overheating.
- Keep out of reach of children.

## 3. PRODUCT OVERVIEW

The HTVRONT Auto Heat Press 2 is designed for efficient and precise heat transfer applications. Familiarize yourself with its main components:



Figure 3.1: Main unit of the HTVRONT Auto Heat Press 2. This image displays the overall design of the heat press, featuring the top heating plate, the lower ironing board, and the control panel with an adjustable screen.



Figure 3.2: Labeled components of the HTVRONT Auto Heat Press 2. This diagram highlights key parts including the LED screen, control buttons, heat plate, ironing board, and base, along with overall dimensions.

- **Heat Plate:** The upper heating element that applies heat and pressure.
- **Ironing Board (Lower Platen):** The surface where materials are placed for pressing. Features a fully pull-out drawer design.
- **Base:** Provides stability for the machine.

- **LED Screen:** Displays temperature, time, and pressure settings.
- **Control Buttons:** Used to adjust settings and initiate operations.

## 4. SETUP

Follow these steps to set up your HTVRONT Auto Heat Press 2 for first use:

1. **Unpack the Machine:** Carefully remove the heat press from its packaging. Retain all packaging materials for potential future transport or storage.
2. **Placement:** Place the machine on a flat, stable, and heat-resistant surface. Ensure there is adequate clearance around the machine for ventilation and safe operation.
3. **Power Connection:** Connect the power cord to the machine and then plug it into a standard 110V (DC) grounded electrical outlet.
4. **Initial Power On:** Press the power button to turn on the machine. The LED screen will illuminate.

### *Improved* User-friendly Designs

#### Angle-adjustable Screen

Soothe the discomforts from daily crafting.



#### Fully Pull-out Drawer

No wrinkles & jamming of substrates.

Figure 4.1: Quick start guide illustrating the four basic steps for operating the heat press: powering on, setting parameters, placing materials, and initiating the press.



## 5. OPERATING INSTRUCTIONS

### 5.1. Powering On/Off

- To power on, press the power button.
- To power off, press and hold the power button until the screen turns off.

### 5.2. Setting Parameters (Temperature, Time, Pressure)

The HTVRONT Auto Heat Press 2 allows for precise control over temperature, time, and pressure to suit various materials and transfer types.

- **Temperature Range:** 210°F - 410°F (100°C - 210°C)
- **Time Range:** 1 - 999 seconds
- **Pressure Range:** 50 - 170 LB (adjustable)

## Quick Start in 4 Steps



**Step1:**  
Power on the machine



**Step2:**  
Set the proper settings to preheat the machine



**Step3:**  
Place the substrate, material, and Teflon sheet in order



**Step4:**  
Press the "Start" button to iron

Figure 5.1: Control panel displaying temperature, time, and pressure settings. The image also highlights preset and custom modes for efficient use.

Use the control buttons on the LED screen to adjust these settings. The machine heats up quickly, reaching 410°F within 5 minutes and 30 seconds.

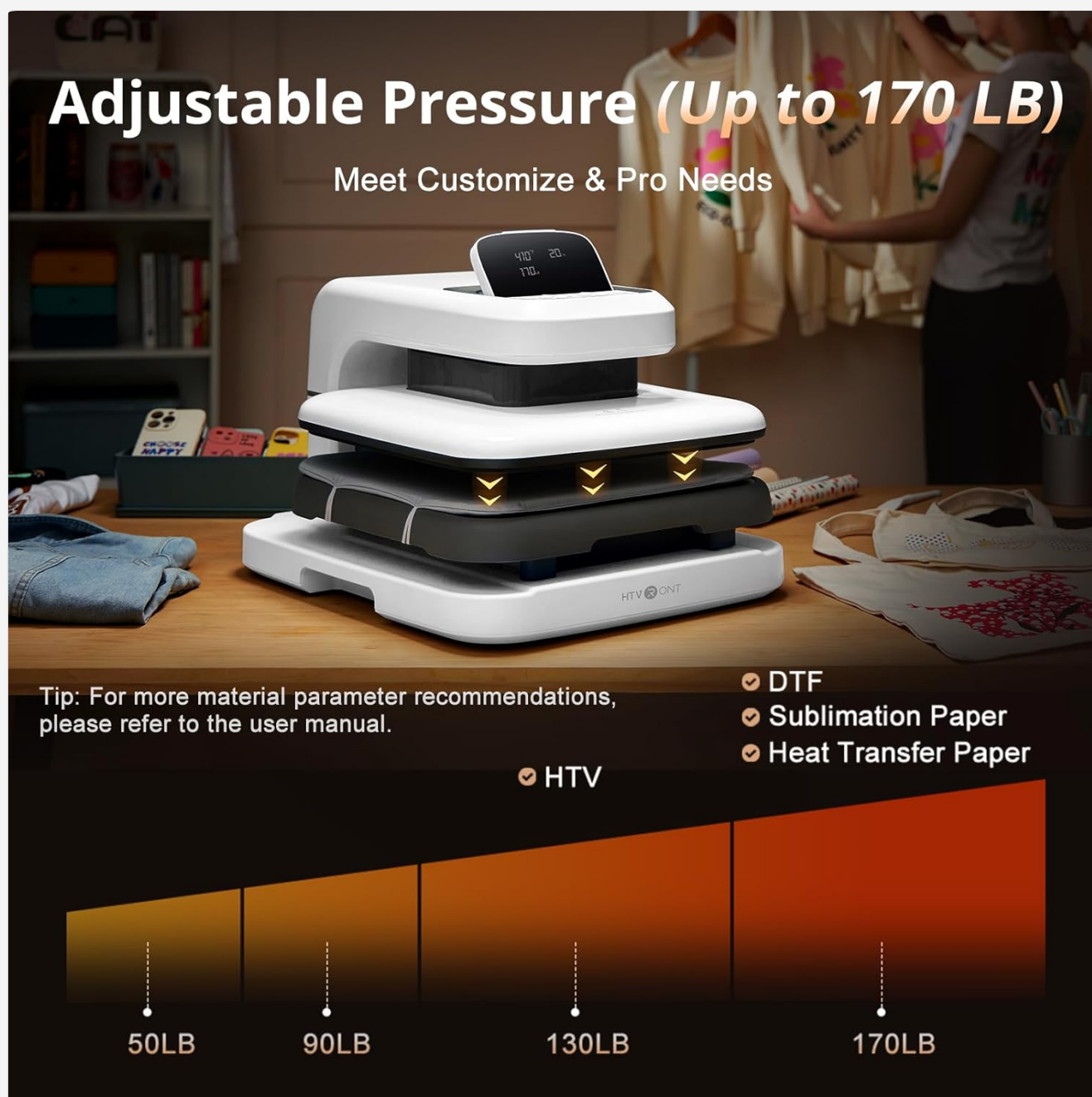


Figure 5.2: Illustration of the adjustable pressure feature, showing pressure levels from 50LB to 170LB, suitable for various heat transfer materials like DTF, Sublimation Paper, and HTV.

### 5.3. Automatic Pressing Cycle

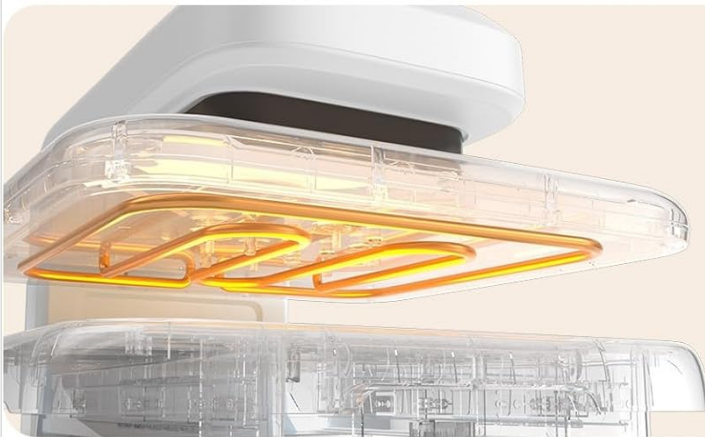
Once parameters are set and the material is in place, the automatic pressing function simplifies operation:

1. Place your substrate and transfer material on the ironing board.
2. Press the "R" button to initiate the automatic pressing cycle. The heat plate will descend and apply pressure.
3. The machine will buzz when the set time is complete and automatically release the heat plate.

## Auto Ironing & Auto Releasing



Hands-free Operation  
Enhanced User Safety



## Fast & Even Heat



Dual-zone Heating  
Heats Up to 410°F in 5min 30s

## Auto Shut-off



15min Stand-by Time  
Beep Reminder before Shut-off



Figure 5.3: Depiction of the automatic ironing and releasing mechanism, highlighting hands-free operation and enhanced user safety.

### 5.4. Using the Fully Pull-out Drawer

The ironing board features a fully pull-out drawer, allowing for safe and easy placement of materials without contact with the hot heat plate.

- Pull the drawer completely out before placing or adjusting your items.
- Push the drawer back in before starting the pressing cycle.

### 5.5. Adjusting Screen Angle

The LED screen can be adjusted to 7 levels within a 0-75° range for improved visibility and ergonomic comfort during operation.





Figure 5.4: Demonstrates the angle-adjustable screen (0-75°) and the fully pull-out drawer, designed for user comfort and convenience.

## 5.6. Material Compatibility and Higher Heating Height

The HTVRONT Auto Heat Press 2 is compatible with various heat transfer materials and features an increased heating height for thicker items.

- **Compatible Materials:** HTV (Heat Transfer Vinyl), Sublimation Paper, DTF (Direct to Film), Heat Transfer Paper, Puff Heat Transfer Vinyl, Glitter Heat Transfer Vinyl.
- **Increased Heating Height:** Up to 4.5 cm (1.77 inches), allowing for pressing on thicker items such as hoodies, canvas bags, and pillows, in addition to t-shirts.

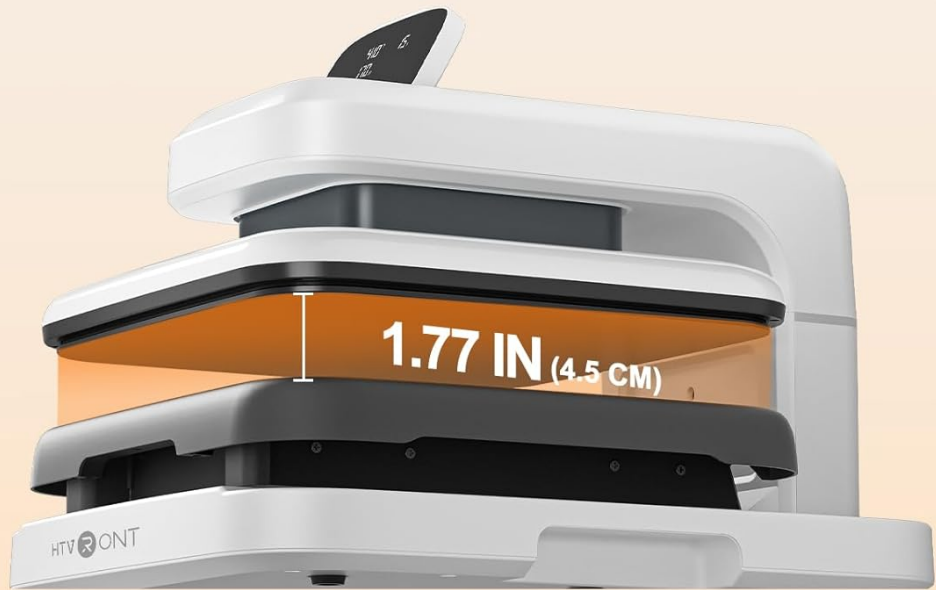
# 1.77-in Increased Heating Height



Wider Substrate  
Application



Greater Material  
Compatibility



T-shirt



Hoodie



Figure 5.5: Illustrates the increased heating height of 1.77 inches (4.5 cm), demonstrating its capability to press both thin items like t-shirts and thicker items like hoodies.



Figure 5.6: Examples of various items suitable for heat pressing, including t-shirts, sublimation blanks, pillows, canvas bags, socks, and hoodies.





Figure 5.7: Various heat transfer materials compatible with the machine, such as Puff Heat Transfer Vinyl, DTF, Heat Transfer Paper, Sublimation Paper, and Glitter Heat Transfer Vinyl.

## 6. MAINTENANCE

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

- **Cleaning the Heat Plate:** Allow the machine to cool completely. Use a soft, damp cloth to wipe the heat plate. For stubborn residue, a specialized heat press cleaner can be used, following the cleaner's instructions. Avoid abrasive materials.
- **Cleaning the Ironing Board:** Wipe the ironing board with a damp cloth. Ensure it is dry before next use.
- **General Cleaning:** Wipe the exterior of the machine with a soft, dry cloth.
- **Storage:** Store the heat press in a dry, dust-free environment when not in use.

## 7. TROUBLESHOOTING

If you encounter issues with your HTVRONT Auto Heat Press 2, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not properly connected; power outlet issue.	Ensure the power cord is securely plugged into both the machine and a working grounded outlet. Test the outlet with another device.
Machine not heating up.	Temperature not set; machine in standby mode.	Verify temperature settings on the LED screen. Allow sufficient time for preheating. If the machine has been idle for 15 minutes, it may have entered auto shut-off mode; power cycle the machine.
Uneven heat transfer results.	Incorrect pressure; uneven material placement; faulty transfer material.	Adjust pressure settings as needed (50-170 LB). Ensure material is laid flat and evenly. Test with new transfer material.
Automatic press not engaging/releasing.	"R" button not pressed; obstruction.	Ensure the "R" button is pressed firmly. Check for any obstructions preventing the heat plate from moving freely.

If the problem persists after attempting these solutions, please refer to the support section for further assistance.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	SG-RYJ-0521-US
Heat Plate Size	15 x 15 inches (38.1 x 38.1 cm)
Temperature Range	210°F - 410°F (100°C - 210°C)
Time Range	1 - 999 seconds
Pressure Range	50 - 170 LB
Increased Heating Height	Up to 4.5 cm (1.77 inches)
Power	1500W
Input Voltage	110 Volts (DC)
Item Weight	47.4 pounds (21.54 kg)
Product Dimensions	Approximately 20.9"L x 17.1"W x 13"H
Auto Shut-off	After 15 minutes of inactivity
Screen Angle Adjustment	0-75 degrees

## 9. WARRANTY AND SUPPORT



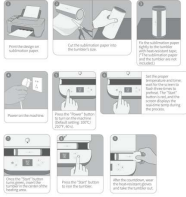


For warranty information, please refer to the documentation included with your purchase or visit the official HTVRONT website. For technical support, product inquiries, or assistance with troubleshooting beyond this manual, please contact HTVRONT customer service through their official channels. Details can typically be found on the manufacturer's website or your purchase platform.

*Note: The manufacturer is committed to providing support; however, specific contact methods may vary. Always check the latest information on the official HTVRONT website.*



### Related Documents - SG-RYJ-0521-US

	<p><a href="#">HTVRONT HPM10-2 10"x10" Heat Press Machine - User Guide and Specifications</a></p> <p>Comprehensive guide for the HTVRONT HPM10-2 10"x10" heat press machine, covering warranty, operation, safety instructions, and material specifications for heat transfer projects.</p>
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	<p><a href="#">HTVRONT A200 Auto Tumbler Heat Press User Manual</a></p> <p>Comprehensive user manual for the HTVRONT A200 Auto Tumbler Heat Press, covering device overview, button details, functions, usage instructions, specifications, maintenance, and warranty information.</p>
	<p><a href="#">HTVRONT Manual Hat Heat Press: User Guide and Instructions</a></p> <p>Comprehensive user manual for the HTVRONT Manual Hat Heat Press, covering setup, operation, functions, specifications, troubleshooting, and safety precautions for optimal heat transfer results.</p>
	<p><a href="#">HTVRONT Tumbler Heat Press: Step-by-Step Guide</a></p> <p>A step-by-step guide for using the HTVRONT heat press to sublimation tumblers, covering design printing, preparation, machine operation, and finishing.</p>
	<p><a href="#">HTVRONT Phone Case Heat Press User Manual: Setup, Operation, and Specifications</a></p> <p>Comprehensive user manual for the HTVRONT Phone Case Heat Press (Model HPX01). Provides detailed instructions for setup, operation, troubleshooting, and maintenance. Learn how to sublimation phone cases, badges, and other items with this heat press. Includes specifications and warranty information.</p>
	<p><a href="#">HTVRONT H17 Phone Case Heat Press User Manual - Setup, Operation &amp; Troubleshooting</a></p> <p>Comprehensive user manual for the HTVRONT H17 Phone Case Heat Press. Learn setup, operation, safety precautions, and specifications for creating custom phone cases and other sublimation products.</p>