

HTVRONT SG-RYJ-0043

HTVRONT Auto Heat Press Machine (15x15) User Manual

Model: SG-RYJ-0043 | Brand: HTVRONT

1. INTRODUCTION

Thank you for choosing the HTVRONT Auto Heat Press Machine. This manual provides essential information for the safe and efficient operation of your new heat press. Designed for ease of use and professional results, this 15x15 inch machine features automatic pressure adjustment and auto-release, making your heat transfer projects simpler and more consistent.

This machine is ideal for a wide range of applications, including t-shirts, totes, apparel, wood signs, and ceramic coasters up to 1 inch in thickness. Please read this manual thoroughly before first use and keep it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow these safety precautions to prevent injury or damage to the machine:

- Read all instructions before using the appliance.
- Keep hands and fingers away from the heating plate during operation. The drawer slide design helps keep your hands safely away from the hot plate.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electrical shock, do not immerse the cord, plugs, or appliance 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. Contact HTVRONT customer support for assistance.
- The machine features an automatic shut-off function if left inactive for 15 minutes.
- Use only attachments recommended by the manufacturer.
- 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.

3. PACKAGE CONTENTS

Upon unboxing, please ensure all the following items are present:

- HTVRONT Auto Heat Press Machine (15x15 inch)
- Power Cord
- User Manual
- Heat Resistant Mat (pre-installed on the ironing board)
- Teflon Sheet (for protecting your projects)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your HTVRONT Auto Heat Press Machine:



Image: HTVRONT Auto Heat Press Machine showing the automatic lifting structure, digital screen display, thermal

insulation cover, large heating plate, three-section buffer slider, machine base, and large ironing board.

- **Digital Control Panel:** Displays temperature and time, with buttons for power, temperature, time, mode selection, and auto-release.
- **Heating Plate:** The upper plate that heats up and applies pressure. Features dual-tube heating for even heat distribution.
- **Ironing Board (Lower Plate):** The pull-out drawer where you place your materials.
- **Handle:** For sliding the ironing board in and out.
- **Automatic Lifting Structure:** Mechanism for automatic pressing and release.
- **Thermal Insulation Cover:** Protects the user from direct contact with the hot heating plate.

5. SETUP

Follow these steps to set up your heat press for first use:

1. **Unpack:** Carefully remove the heat press and all accessories from the packaging.
2. **Placement:** Place the machine on a stable, heat-resistant surface. Ensure there is adequate space around the machine for ventilation and safe operation.
3. **Power Connection:** Plug the power cord into the machine, then into a grounded 120V electrical outlet.
4. **Initial Inspection:** Check that the ironing board slides smoothly and that there are no visible damages to the machine or power cord.

6. OPERATING INSTRUCTIONS

Operating the HTVRONT Auto Heat Press is designed to be intuitive. Here's a step-by-step guide:

6.1 Power On/Off

- Press the **Power button** () to turn the machine on. The display will light up.
- To turn off, press and hold the **Power button** until the display turns off.

6.2 Setting Temperature and Time

- Press the **Temperature button** () to select temperature adjustment mode. Use the **+** and **-** buttons to increase or decrease the temperature. The machine can reach up to 410°F (210°C).
- Press the **Time button** () to select time adjustment mode. Use the **+** and **-** buttons to set the desired pressing time.
- The machine heats up quickly, reaching 320°F (160°C) within 4 minutes.

6.3 Using Preset and Custom Modes

The heat press offers multiple modes for convenience:

- **Fast Modes (4 options):** Pre-set temperature and time combinations for common materials like HTV, glitter HTV, heat transfer paper, and sublimation paper. Select using the **Mode button** ().

- **Custom Modes (2 options):** Allows you to save your own preferred temperature and time settings.
- **Auto Mode:** Automatically adjusts pressure based on material thickness (up to 1 inch).

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.

Image: Control panel with buttons for 4 preset modes, 2 custom modes, and an auto mode.

6.4 Performing a Heat Transfer

1. **Prepare Material:** Place your garment or material onto the pull-out ironing board. Ensure it is flat and free of wrinkles.
2. **Position Design:** Carefully place your heat transfer design onto the material.
3. **Cover:** Place a Teflon sheet or parchment paper over your design to protect the heating plate and your project.
4. **Slide In:** Gently push the ironing board into the machine.
5. **Start Press:** Press the **R button** (🔴) to initiate the pressing cycle. The machine will automatically press down and adjust pressure according to your material's thickness.
6. **Auto-Release:** Once the set time expires, the heat press will automatically release and lift the heating plate.
7. **Remove Project:** Carefully slide out the ironing board and remove your finished project. Allow it to cool before

peeling, if required by your material.



Image: Close-up of the pullout drawer design, highlighting the safety feature of keeping hands away from the heat.

6.5 Instructional Videos

Watch these official videos for visual guidance on using your HTVRONT Auto Heat Press Machine:

HTVRONT 15x15 Auto Heat Press Machine Overview

Video: A general overview of the HTVRONT 15x15 Auto Heat Press Machine, demonstrating its automatic features and ease of use for various heat transfer projects.

HTVRONT Auto Heat Press Machine for T-shirts

Video: Demonstrates the process of using the HTVRONT Auto Heat Press Machine specifically for applying designs to T-shirts, showcasing its efficiency and professional results.

Auto Heat Press Used On Paper Crafts

Video: Shows the versatility of the HTVRONT Auto Heat Press by applying heat transfers to paper crafts, highlighting its ability to work with various materials beyond fabric.

7. WIDE APPLICATION

The HTVRONT Auto Heat Press Machine is versatile and can be used for a variety of heat transfer projects:

- **Apparel:** T-shirts, hoodies, tote bags, hats, and other fabric items.
- **Hard Goods:** Wood signs, ceramic coasters, and other flat items up to 1 inch in thickness.
- **Materials:** Compatible with various heat transfer materials including Heat Transfer Vinyl (HTV), sublimation paper, and heat transfer paper.



Image: Examples of items that can be customized with the heat press, including t-shirts, pillows, tote bags, hats, and wood signs.

8. MAINTENANCE

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

- **Cleaning:** Always unplug the machine and allow it to cool completely before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Heating Plate:** If any residue builds up on the heating plate, gently wipe it with a non-abrasive cloth. For stubborn residue, a specialized heat press cleaner may be used, following the cleaner's instructions.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.
- **Mat Care:** The heat-resistant mat on the ironing board can be removed and cleaned if necessary. Ensure it is dry before re-attaching.

9. TROUBLESHOOTING

If you encounter any issues with your HTVRONT Auto Heat Press, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not power on	Power cord not properly connected; no power from outlet.	Ensure power cord is securely plugged into both the machine and a working electrical outlet. Check circuit breaker.
Uneven heat transfer	Material not flat; incorrect temperature/time settings; worn heat mat.	Ensure material is flat on the ironing board. Verify temperature and time settings for your specific material. Inspect heat mat for wear and replace if necessary.
Heating plate not pressing down or releasing	Obstruction; internal mechanism issue.	Check for any obstructions preventing movement. If the issue persists, contact customer support.
Error code displayed	Internal malfunction.	Note the error code and contact HTVRONT customer support for specific guidance.

If you experience any issues not listed here or if the suggested solutions do not resolve the problem, please contact HTVRONT customer support.

10. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	SG-RYJ-0043
Heat Plate Size	15 x 15 inches
Product Dimensions	13.39 x 17.32 x 22.05 inches
Item Weight	40.3 pounds
Voltage	120 Volts
Upper Temperature Rating	210°C (410°F)
Auto-Off Feature	Yes, after 15 minutes of inactivity
Certifications	FCC Certified



Image: The HTVRONT Auto Heat Press Machine with key dimensions (20"L x 12"W x 16"H) indicated.

11. WARRANTY AND SUPPORT

HTVRONT is committed to providing high-quality products and excellent customer service.

- **Warranty:** For detailed warranty information, please refer to the warranty card included with your product or visit the official HTVRONT website.

- **Customer Support:** If you have any questions, concerns, or require technical assistance, please do not hesitate to contact HTVRONT customer support. We offer 24/7 support to ensure your satisfaction.
- **Contact Information:** Please refer to the contact details provided on the HTVRONT official website or your product packaging.