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HTVRONT H17

HTVRONT H17 Phone Case Heat Press Machine User Manual

Model: H17

1. INTRODUCTION

The HTVRONT H17 Phone Case Heat Press Machine is designed for creating custom sublimation transfers on various items, including phone cases, badges, and coasters. This machine utilizes advanced intelligent temperature control and vacuum heat press technology to ensure vibrant, bubble-free, and full-wrap transfers. This manual provides essential information for safe and effective operation of your device.



Image 1.1: The HTVRONT H17 Phone Case Heat Press Machine. This image displays the compact, light blue heat press machine with its handle and control panel visible.

2. IMPORTANT SAFETY INSTRUCTIONS

- 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 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.
- 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.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- HTVRONT H17 Phone Case Heat Press Machine (x1)
- Phone Case Fixture Set (x1)
- Badge Fixture Set (x1)
- Sublimation Film (A4) (x5 sheets)
- Heat-resistant Gloves (x1 pair)
- Sublimation Badges (58 mm) (x3)
- Tweezers (x1)
- Heat-resistant Tape (x1 roll)

Phone Case Heat Press Kit

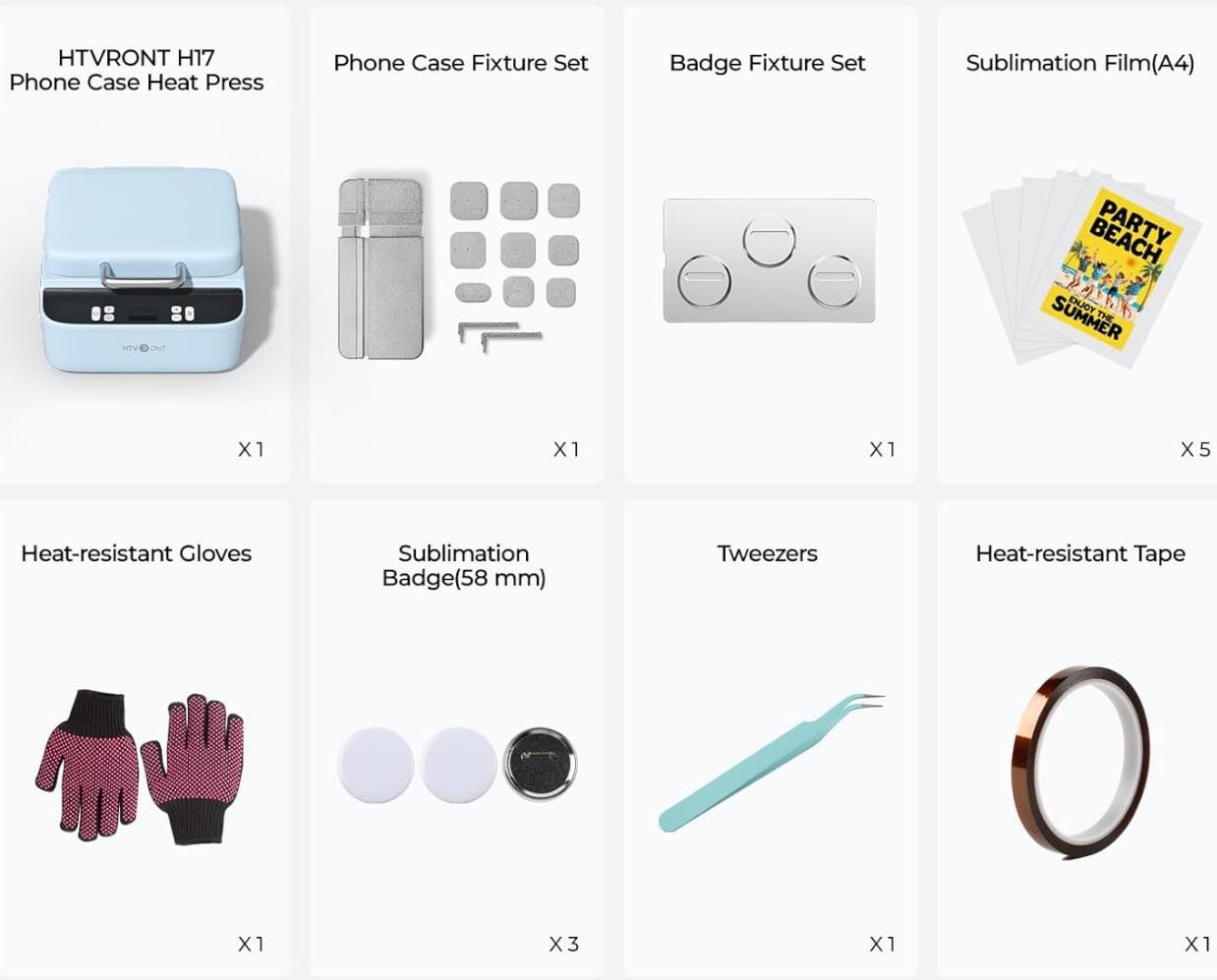


Image 3.1: Contents of the HTVRONT H17 Phone Case Heat Press Kit. This image shows the heat press machine along with included accessories: phone case fixture, badge fixture, sublimation film, heat-resistant gloves, blank sublimation badges, tweezers, and heat-resistant tape.

4. PRODUCT OVERVIEW

The HTVRONT H17 features a user-friendly design with intuitive controls for temperature and time. Its compact size and lightweight construction make it suitable for various crafting environments. The vacuum technology ensures even pressure and full-surface sublimation for professional results.



Image 4.1: Open view of the HTVRONT H17 Heat Press Machine. This image shows the machine with its lid open, revealing the heating plate and the pressing area.

Key Features:

- **3D Full-Wrap Vacuum Heat Press:** Achieves vibrant, bubble-free transfers that wrap around curves and edges.
- **Precise Temperature Control:** Adjustable from 100°C to 180°C (212°F to 356°F) with fine increments.
- **Adjustable Time Settings:** Transfer time can be set from 1 to 600 seconds.
- **Universal Adjustable Fixtures:** Compatible with various iPhone models (iPhone 12 and above) and Android models (Samsung, Xiaomi, Google, Huawei, etc.) using included fixtures.
- **Integrated Design Software Support:** Works with IS software for pattern adjustment, mirroring, and outputting sublimation-ready files.
- **Quiet Operation:** Operates at less than 65 dB.
- **Lightweight and Compact:** Weighs approximately 5.3 kg (11 pounds).

5. SETUP

5.1 Unboxing and Placement

1. Carefully remove the heat press machine and all accessories from the packaging.
2. Place the machine on a stable, flat, and heat-resistant surface. Ensure adequate ventilation around the machine.
3. Keep the machine away from flammable materials and out of reach of children.

5.2 Power Connection

1. Ensure the machine's power switch is in the "OFF" position.
2. Connect the power cord to the machine's power input.
3. Plug the other end of the power cord into a grounded electrical outlet.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation Steps

Follow these general steps for sublimation transfer:

1. **Power On and Set Parameters:** Turn on the machine. Use the control panel to set the desired temperature and time according to the material being pressed. Short presses adjust by 5 units, long presses by 10 units.
2. **Preheat and Mount Item:** Place the appropriate fixture (e.g., phone case fixture) into the machine. Allow the machine to preheat. Once preheated, mount your item (e.g., phone case) onto the fixture.
3. **Position Sublimation Film:** Place the printed sublimation film onto the item. Ensure the matte side of the film is facing the print side of the item. Secure with heat-resistant tape if necessary.
4. **Start Transfer:** Close the lid and initiate the heat press process. The machine will apply heat and vacuum pressure.
5. **Remove Film:** Once the transfer is complete and the machine signals, carefully open the lid (using heat-resistant gloves). Peel off the sublimation film while the item is still hot for best results.

6-Min Heat Press



1. Power on the device and set the appropriate parameters



2. Place the phone case fixture into the device. Once preheated, mount the phone case onto the fixture



3. Place the printed sublimation film onto the case and begin heat transfer ; Matte side is print side; please place the matte surface downward when heat pressing



4. Once the transfer is complete, peel off the sublimation film while hot

Image 6.1: Visual guide for the 6-minute heat press process. This image illustrates the four key steps: powering on and setting parameters, preheating and mounting the item, positioning the sublimation film, and peeling the film after transfer.

6.2 Temperature and Time Reference Chart

Refer to the following chart for recommended settings. Adjustments may be necessary based on specific materials and desired results.

Quick Start Guide



1. Turn on the machine and set the heat press parameters.



2. Place the fixture for preheating, then place the phone case /badge/coasters.



3. Place the sublimation film with the design and start the process.



4. After completion, remove the sublimation film to finish.

Image 6.2: Quick Reference Chart for various substrates. This chart provides recommended upper heat plate temperature, lower heat plate temperature, preheat time, transfer time, and peeling method for phone cases, badges, ceramic plates, coasters, and keychains.

6.3 Using Fixtures and Compatibility

The machine includes adjustable fixtures for various items. The phone case fixture is designed to accommodate most popular phone models.

For Most Popular Phones !



Compatible with iPhone

One Fixture

All Use

Image 6.3: The HTVRONT H17 machine with a phone case fixture, demonstrating compatibility with various popular phone models. For iPhone models, the fixture is compatible with iPhone 12 and above. Android molds are compatible with Samsung, Xiaomi, Google, Huawei, and other brands. The adjustable design minimizes the need for multiple specific molds.

Model Compatibility Chart

If your model isn't listed, choose the closest-fitting filler block and lepad

Model	Lens Pad	Filler Block
iPhone 17	I-9	⑤ + ③
iPhone 17 Air	I-9	① + ② + ③ + ④ + ⑤
iPhone 17 Pro	I-9+I-7	⑤ + ③
iPhone 17 Pro Max	I-9+I-7	① + ② + ③ + ④ + ⑤
iPhone 16	I-9	⑤ + ③
iPhone 16 Plus	I-9	① + ② + ③ + ④ + ⑤
iPhone 16 Pro	I-8	⑤ + ③
iPhone 16 Pro Max	I-8	① + ② + ③ + ④ + ⑤
iPhone 15	I-6	⑤ + ③
iPhone 15 Plus	I-6	① + ② + ③ + ④ + ⑤
iPhone 15 Pro	I-7	⑤ + ③
iPhone 15 Pro Max	I-7	① + ② + ③ + ④ + ⑤

Model	Lens Pad	Filler Block
iPhone 14	I-5	⑤ + ③
iPhone 14 Plus	I-5	① + ② + ③ + ④ + ⑤
iPhone 14 Pro	I-4	⑤ + ③
iPhone 14 Pro Max	I-4	① + ② + ③ + ④ + ⑤
iPhone 13	I-2	⑤ + ③
iPhone 13 Pro	I-3	⑤ + ③
iPhone 13 Pro Max	I-3	① + ② + ③ + ④ + ⑤
iPhone 12	\	⑤ + ③
iPhone 12 Pro	I-1	⑤ + ③
iPhone 12 Pro Max	I-1	① + ② + ③ + ④ + ⑤

* This product is an independent accessory and is not produced, authorized, or endorsed by the above trademark owner.

Image 6.4: Detailed view of the phone case fixture components, including the main fixture, lens pads, and filler blocks for universal adaptation.

Smart Alignment

Equipped with phone-specific templates and pattern adjustment tools, it ensures perfect alignment and complete coverage, significantly improving accuracy and efficiency of your project.

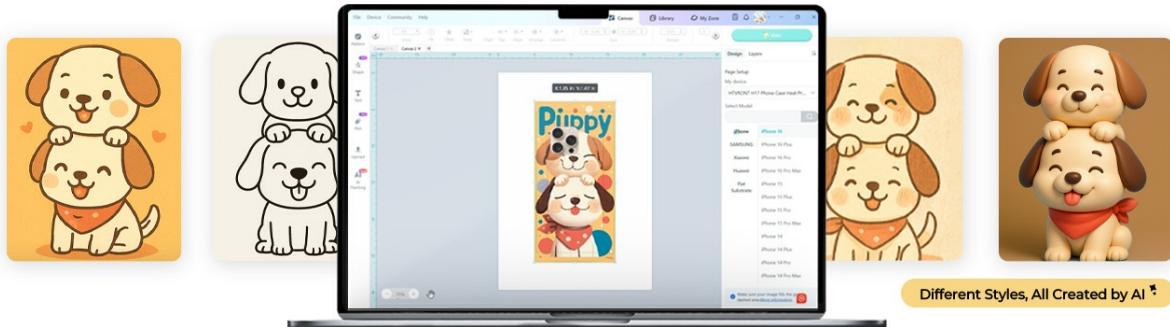


Image 6.5: Model Compatibility Chart. This chart lists various iPhone models and the corresponding lens pad and filler block combinations to use with the phone case fixture.

6.4 Design Software Integration

The HTVRONT H17 supports the use of the IS software, which provides a mobile model library and tools for precise design preparation.

- Adjust pattern size and position within templates.
- Perform mirror processing for sublimation.
- Output sublimation-ready files to ensure accurate pressing without offset or cutting errors.

Smart Alignment

Equipped with phone-specific templates and pattern adjustment tools, it ensures perfect alignment and complete coverage, significantly improving accuracy and efficiency of your project.

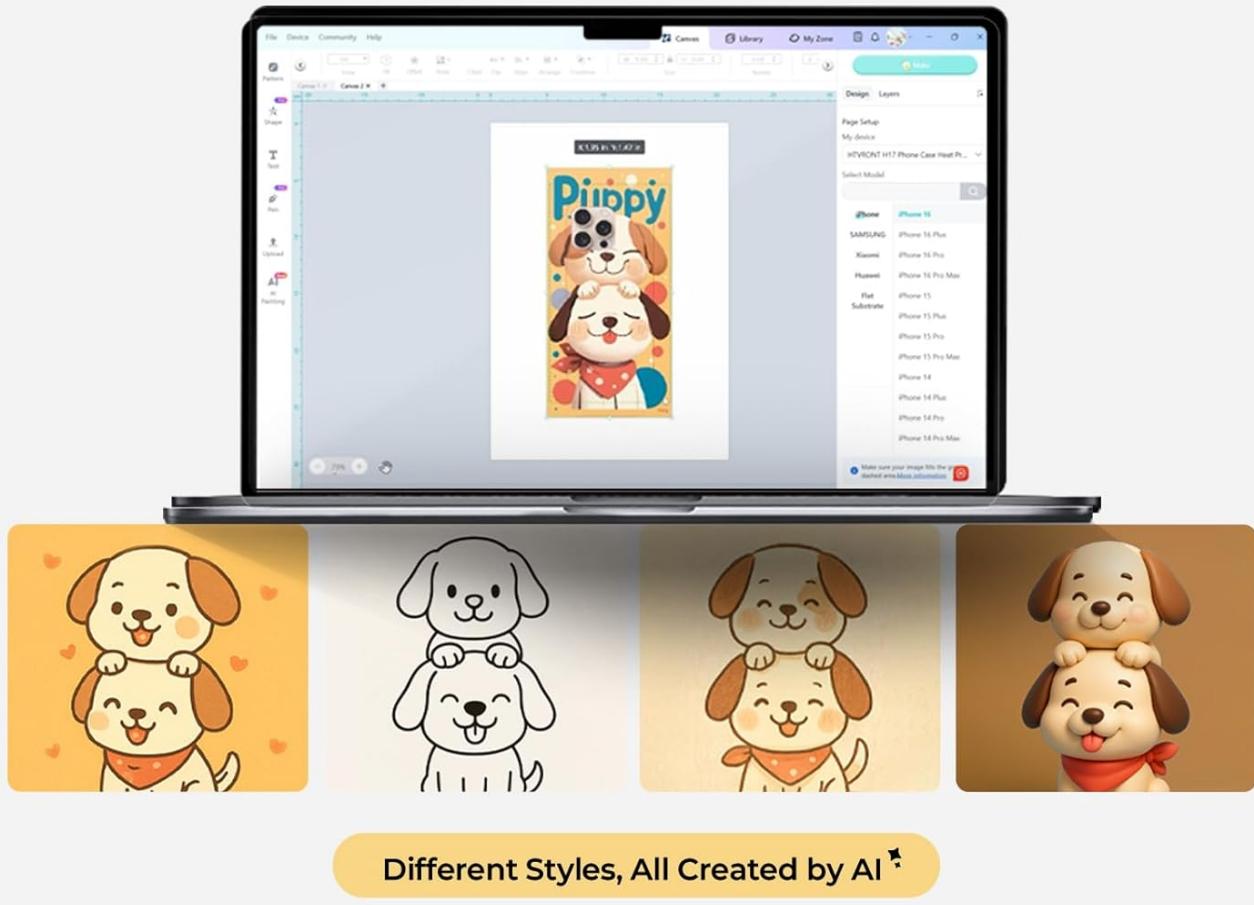


Image 6.6: Screenshot of the design software interface demonstrating smart alignment features for phone case designs.

7. MAINTENANCE

7.1 Cleaning the Machine

1. Ensure the machine is unplugged and completely cooled down before cleaning.
2. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
3. Gently clean the heating plates with a soft, dry cloth. Avoid scratching the surface.
4. Remove any debris or residue from the vacuum area.

7.2 Storage

Store the machine in a dry, cool place, away from direct sunlight and moisture. Keep it covered to prevent dust accumulation.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not properly connected; Power outlet malfunction.	Check power cord connection; Try a different outlet.
Uneven or faded transfer.	Incorrect temperature/time settings; Insufficient pressure; Sublimation film not properly aligned.	Refer to the reference chart for optimal settings; Ensure item is securely placed in fixture; Realign film and secure with tape.
Bubbles or wrinkles in transfer.	Insufficient vacuum pressure; Improper film application.	Ensure the machine lid is fully closed and sealed; Smooth out film completely before pressing.
Machine not heating up.	Heating element issue; Incorrect temperature setting.	Verify temperature setting; If problem persists, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	HTVRONT
Model Number	RY-SJKJ-0657-US (H17)
Product Dimensions	12 x 13 x 7 inches (30.5 x 33 x 17.8 cm)
Item Weight	11 pounds (5.3 kg)
Material	Metal
Color	Blue
Recommended Uses	Phone Cases, Badges, Coasters, Pet Tags
Temperature Range	100°C ~ 180°C (212°F ~ 356°F)
Time Range	1 ~ 600 seconds

10. WARRANTY AND SUPPORT

10.1 Warranty Information

HTVRONT is committed to providing quality products. For specific warranty details, please refer to the warranty card included with your product or visit the official HTVRONT website. Keep your purchase receipt as proof of purchase for warranty claims.

10.2 Customer Support

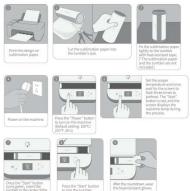
If you encounter any issues or have questions regarding your HTVRONT H17 Phone Case Heat Press Machine, please contact our customer support team. We offer excellent after-sales service to assist you.

- Online User Guide:** A detailed PDF user guide is available for download: [Download User Guide \(PDF\)](#)

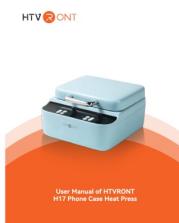
- **Contact Information:** Please refer to the contact details provided on the HTVRONT official website or your product packaging for the most up-to-date support channels.

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Related Documents - H17

	<p>HTVRONT H17 Phone Case Heat Press User Manual Comprehensive user manual for the HTVRONT H17 Phone Case Heat Press, detailing setup, operation, features, and troubleshooting for custom phone case creation and sublimation printing.</p>
	<p>HTVRONT H17 Phone Case Heat Press User Manual - Setup, Operation & Troubleshooting 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>
	<p>HTVRONT Phone Case Heat Press User Manual: Setup, Operation, and Specifications Comprehensive user manual for the HTVRONT Phone Case Heat Press (Model HPX01). Provides detailed instructions for setup, operation, troubleshooting, and maintenance. Learn how to sublimate phone cases, badges, and other items with this heat press. Includes specifications and warranty information.</p>
	<p>HTVRONT Tumbler Heat Press: Step-by-Step Guide A step-by-step guide for using the HTVRONT heat press to sublimate tumblers, covering design printing, preparation, machine operation, and finishing.</p>
	<p>HTVRONT HPM10-2 10"x10" Heat Press Machine - User Guide and Specifications 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>
	<p>HTVRONT Manual Hat Heat Press: User Guide and Instructions 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>

Documents - HTVRONT – H17



[**HTVRONT H17 Phone Case Heat Press User Manual**](#)

Comprehensive user manual for the HTVRONT H17 Phone Case Heat Press, detailing setup, operation, features, and troubleshooting for custom phone case creation and sublimation printing.

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