



**HTVRONT H1 Pro
Mini Heat Press User Manual**

Thank you for choosing HTVRONT!

Before first use, please read all accompanying substrates carefully to ensure proper and effective operation. HTVRONT is not responsible for any loss resulting from failure to follow the instructions or from misuse due to misunderstanding.

While we strive for accuracy and clarity, this Manual may still contain errors or omissions. We are continuously improving our products and services, and reserve the right to update the product, software, and Manual content without prior notice.

For the latest information and updates, please visit our official website : <https://www.htvront.com/>

Precautions

1. Ensure the input voltage matches the voltage specified on the machine's sticker.
2. To prevent electric shock or other hazards, use this product only as described in the manual. Do not use it for unintended purposes.
3. Children under 14 years old MUST have adult supervision while using the product.
4. Regularly inspect the power cord for any damage. If the cord is damaged, it must be replaced by the manufacturer or a qualified service technician.
5. Place the product on a flat, stable surface during use. Always keep the Machine on its base while operating;
6. Do not use this product in damp or wet environments.
7. To prevent accidents, do not immerse the product, power cord, or plug in water. Keep the power cord away from the heating plate during use. Do not clean the product with any liquid.
8. Always keep an eye on the Machine while it's in use to avoid accidents.
9. After use, wait until the product is completely cooled down before checking or storing it to avoid burns.
10. When unplugging, always hold the plug itself—never pull the cord.
11. To prevent electric shock or other hazards, always turn off the power after use or before cleaning the device.
12. If you notice any damage to the Machine or power cord, stop using it immediately. Do not attempt to disassemble or repair it yourself—please contact our service center for assistance.

Included in the Box



▶ HTVRONT H1 Pro Mini Heat Press x 1



▶ Insulated Safety Base x 1



▶ User Manual x 1



▶ Storage Bag x 1

Device Overview



1. Power Button	2. Indicator Ring	3. Insulated Shell	4. Heat Plate
5. Insulated Safety Base			

Specifications

Name	HTVRONT H1 Pro Mini Heat Press	Model	MI5
Input Voltage	220-240V~ 50/60Hz 450-550W		
Temperature	284-356°F/140-180°C		
Product Dimensions	4.69 x 5.04 x 3.43 in 11.9 x 12.8 x 8.7 cm	Package Dimension	8.9 x 3.2 x 4.9 in 22.5 x 8.0 x 12.5 cm
Product Weight	0.95 lb/0.43 kg	Package Weight	1.29 lb/0.59 kg

Details of Power Button

Power Button	Machine Status
Press Once	Turn on the Machine and switch to heating level 1.
Press Twice	Switch the heating level 2.
Press Three Times	Switch the heating level 3.
Press Four Times	Turn off the device.

Details of Indicator Ring

Indicator Ring	Heating Level	Statu
	Level 1	During the preheating process, the indicator ring is red. Once reaches the set temperature, the light will turn green.
	Level 2	
	Level 3	

Usage Notes

1. Before transferring the design, pre-press the substrates to smooth out any wrinkles.
2. Apply continuous pressure until the design has fully transferred.
3. After use, allow it to cool completely before checking or storing it to avoid burns.

Instructions for Use



Power on the Machine and press the "Power" button to turn it on. The Machine starts to heat up to level 1, and the indicator ring lights red.



Press the "Power" button to choose from heating levels 1, 2, and 3 according to the Quick Reference Chart. Once selected, the indicator light turns red, and the heat plate starts preheating.



While preheating, secure the prepared design onto the substrate using heat-resistant tape (Not included), then cover the design with a PTFE sheet (Not included).



Once reaches the set temperature, the indicator light lights green.



Start ironing.

Quick Reference Chart

Material Type	Suitable Fabrics	Temp	Time	Peel
Pure / Pattern Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Glitter Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Holographic Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Chameleon Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Soft Metallic Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	10 s	Cold Peel
Glow-in-the-Dark Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Reflective Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Flock Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Puff Heat Transfer Vinyl	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Hot Peel
DTF Transfer Film	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	15 s	Cold Peel
Heat Transfer Paper for Dark / Light Fabric	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 2	20 s	Cold Peel
Sublimation Paper	≤30% cotton, polyester, modal, canvas, etc	Level 3	40 s	Hot Peel
Hotfix Rhinestones	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 3	20 s	Cold Peel
Embroidered Patches	100% cotton, ≤30% cotton, polyester, modal, canvas	Level 3	20 s	Cold Peel

FAQS

Q1: Why does the machine emit slight smoke during heat pressing?

A1: This is normal when working with sublimation materials. Under high temperatures, sublimation ink will vaporize into gas.

A2: It is normal as the moisture within the fibers may evaporate under heat.

Q2: How to achieve the best heat transfer results?

A1: Set the temperature as recommended in the Quick Reference Chart;

A2: The heat transfer performance of vinyls varies in different brands. You can adjust the pressing time to achieve the best result.

Q3: How to iron if my design is larger than the heat plate?

A1: If pressing one section at a time without shifting the press, try to avoid re-pressing the same area;

A2: If moving the press across multiple areas, ensure that the pressing time for each section matches the recommended time in the Quick Reference chart.

Q4: Why is the indicator light flashing during use? Is the Machine malfunctioning?

A1: It is normal that the indicator light will keep flashing when the Machine is running.

Q5: What to do if the Machine stops working?

A1: Ensure the Machine is powered on;

A2: Unplug the power and restart the Machine again;

A3: If the above steps don't work, please contact the HTVRONT customer service.

Device Maintenance

1. Before or after use, ensure the product has completely cooled down to avoid burns or short circuits;
2. Always unplug and let the Machine cool before cleaning. Use a soft, dry cloth to wipe the surface. Do not rinse with water;
3. Keep the working environment well-ventilated and dry. Avoid direct sunlight;
4. After cleaning, store the product in a dry, dust-free environment;
5. Regularly inspect the plug and power cord for aging or damage to prevent short circuits;
6. Do not disassemble the heating components or modify the electrical circuit under any circumstances.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

HTVRONT H1 Pro Mini Heat Press Limited Warranty

This product is covered by a one-year warranty from the date of purchase. If a defect occurs under normal use within the warranty period, we will provide warranty service. Proof of purchase is required to claim warranty service. HTVRONT accessories are covered by a free warranty for three months from the date of purchase. In the event that any warranty terms conflict with applicable local laws and regulations, the local laws will take precedence.

To the extent permitted by applicable laws, HTVRONT is not responsible for the warranty in the following situations: malfunctions caused by improper use, maintenance, and storage by consumers; malfunctions caused by self-repair or dismantling by those who do not undertake the three-guarantee repair without the permission of our company; products that can continue to be used after repair when the warranty expired; damage caused by force majeure. Meanwhile, HTVRONT disclaims all implied and legal warranties, including warranties of merchantability and fitness for a particular purpose. The warranties that are allowed to be denied are for the duration of this warranty.

Proof of purchase may be required to verify warranty eligibility.