HTVRONT H10 V2

HTVRONT H10 V2 10x10 Heat Press Machine User Manual

Model: H10 V2

1. Important Safety Instructions

Please read all instructions carefully before using your HTVRONT H10 V2 Heat Press Machine. Keep this manual for future reference.

- **Hot Surfaces:** The heat plate becomes extremely hot during operation. Avoid direct contact with the heat plate. Use handles only.
- **Electrical Safety:** Always plug the machine into a grounded outlet. Do not use if the power cord is damaged. Unplug when not in use or before cleaning.
- **Children and Pets:** Keep the heat press out of reach of children and pets. This is not a toy.
- **Ventilation:** Use in a well-ventilated area.
- **Stable Surface:** Always place the machine on a stable, heat-resistant surface.
- **Intended Use:** Use this appliance only for its intended purpose as described in this manual.

2. Package Contents

Verify that all items are present in the package:

- HTVRONT H10 V2 Heat Press Machine
- Insulated Safety Base
- User Manual

3. Product Overview

Familiarize yourself with the components of your HTVRONT H10 V2 Heat Press Machine.



Image: Top view of the HTVRONT H10 V2 Heat Press Machine showing the digital display with real-time temperature, pressure, and time readings. The dual pink handles are visible.

- **Heat Plate:** The main heating element for transferring designs. Features an aluminum plate with ceramic coating for even heat distribution.
- **Dual Handles:** Ergonomically designed for comfortable grip and to apply even pressure across the heat plate.
- **Control Panel & Display:** Digital screen showing temperature, time, and real-time pressure. Buttons for power, temperature adjustment, and time adjustment.
- **Insulated Safety Base:** Provides a safe resting place for the hot heat press when not in use.



Image: Exploded view diagram illustrating the internal aluminum heat plate for fast and even heating, and the ceramic coating that locks in heat for stable results.

4. Setup

1. **Unpack:** Carefully remove the heat press and all accessories from the packaging.
2. **Placement:** Place the heat press on a flat, stable, and heat-resistant surface. Ensure there is enough space around the machine for safe operation.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet (110V only for US models).

5. Operating Instructions

5.1 Powering On/Off

- To power on, press and hold the power button () until the display illuminates.
- To power off, press and hold the power button () until the display turns off.

- The machine features an auto-shutoff function after 15 minutes of inactivity for safety.

5.2 Setting Temperature and Time

The HTVRONT H10 V2 allows precise control over temperature and time.

1. **Set Temperature:**
    - Press the temperature button (☼). The temperature display will blink.
    - Use the '+' and '-' buttons to adjust the temperature to your desired setting.
    - Press the temperature button (☼) again to confirm, or wait 3 seconds for automatic save.
2. **Set Time:**
    - Press the time button (). The time display will blink.
    - Use the '+' and '-' buttons to adjust the time to your desired setting.
    - Press the time button () again to confirm, or wait 3 seconds for automatic save.

Your browser does not support the video tag.

Video: "How to Use HTVRONT H10 V2 10X10 Heat Press Machine" - This video demonstrates the process of setting temperature and time, and general operation of the heat press.

5.3 Applying Pressure

The HTVRONT H10 V2 features a real-time pressure display to ensure consistent results.

- Place your material and design on a heat-resistant mat.
- Position the heat press over your design.
- Using the dual handles, press down firmly and evenly. Observe the pressure reading on the display. Adjust your pressure until it matches the recommended range for your material (refer to Section 5.4).
- Maintain consistent pressure throughout the pressing cycle.



Image: A user applying even pressure to a t-shirt using the dual handles of the HTVRONT heat press, highlighting the benefit of consistent pressure for perfect transfers.

5.4 Heat Pressing Steps

Follow these general steps for successful heat transfers:

1. **Step 1: Power On & Set.** Turn on the machine and set the desired temperature and time according to your material's requirements (see Section 6).
2. **Step 2: Pre-press Material.** Place your fabric item (e.g., t-shirt) on a heat-resistant mat. Briefly press the fabric for 5-10 seconds to remove wrinkles and moisture.
3. **Step 3: Place & Secure Design.** Position your heat transfer vinyl (HTV), sublimation paper, or other design onto the pre-pressed material. Use heat-resistant tape if necessary to secure it.
4. **Step 4: Press "Start".** Place the heat press over the design. Apply even pressure. The machine will beep when the set time is complete.
5. **Step 5: Cool & Peel.** Carefully lift the heat press. Allow the design to cool according to the transfer material's instructions (cold peel, warm peel, or hot peel). Then, gently peel off the carrier sheet.



Image: Visual guide showing the 5 easy steps to make perfect transfers: Power on & set, Pre-press material, Place & secure design, Press "Start", Cool & peel.

6. Material Settings Guide

The following table provides recommended settings for common heat transfer materials. Always perform a test press on a scrap piece of fabric if unsure.

Material Type	Suitable Fabrics	Temp	Time	Pressure	Peel
Pure / Pattern Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	295°F / 145°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Glitter Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	300°F / 150°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Holographic Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	300°F / 150°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Chameleon Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	295°F / 145°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Soft Metallic Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	295°F / 145°C	10 s	49-59 lb / 22-27 kg	Cold Peel
Glow-in-the Dark Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	295°F / 145°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Reflective Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	300°F / 150°C	15 s	49-59 lb / 22-27 kg	Cold Peel
Flock Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	300°F / 150°C	15 s	49-59 lb / 22-27 kg	Hot Peel
Puff Heat Transfer Vinyl	100% cotton, ≤30% polyester, modal, canvas	310°F / 155°C	15 s	49-59 lb / 22-27 kg	Hot Peel
DTF Transfer Film	100% cotton, ≤30% polyester, modal, canvas	300°F / 150°C	15 s	55-66 lb / 25-30 kg	Cold Peel
Heat Transfer Paper for Dark / Light Fabric	100% cotton, ≤30% polyester, modal, canvas	320°F / 160°C	20 s	55-66 lb / 25-30 kg	Cold Peel
Sublimation Paper	≤30% polyester, modal, canvas, etc	390°F / 200°C	40 s	55-66 lb / 25-30 kg	Hot Peel
Hotfix Rhinestones		347°F / 175°C	20 s	55-66 lb / 25-30 kg	
Embroidered Patches		338°F / 170°C	20 s	55-66 lb / 25-30 kg	

7. Maintenance

- **Cleaning the Heat Plate:** Ensure the machine is unplugged and completely cool. Use a soft, damp cloth to wipe the heat plate. For stubborn residue, use a specialized heat press cleaner, following its instructions. Do not use abrasive cleaners or scrubbers.
- **General Cleaning:** Wipe the exterior of the machine with a soft, dry cloth.
- **Storage:** Store the heat press in a dry, dust-free environment, preferably in its original packaging or a protective cover.

8. Troubleshooting

Problem	Possible Cause	Solution
Machine does not power on.	Not plugged in; power outlet issue; power cord damage.	Check power connection; try a different outlet; inspect power cord for damage.
Uneven heat transfer.	Uneven pressure; heat plate residue; incorrect temperature.	Apply even pressure using dual handles; clean heat plate; verify temperature setting.
Design not adhering.	Incorrect temperature/time; insufficient pressure; wrong peel method.	Adjust temperature/time; increase pressure; ensure correct peel method (hot/cold).
Display not working.	Power issue; internal fault.	Check power connection. If problem persists, contact customer support.

9. Specifications

- **Brand:** HTVRONT
- **Model:** H10 V2
- **Heat Plate Size:** 10 x 10 inches
- **Material:** Aluminum (Heat Plate)
- **Product Dimensions:** 12"L x 12"W x 6.1"H
- **Voltage:** 110V (US Standard)
- **Auto Shut-off:** 15 minutes of inactivity

10. Warranty and Support

The HTVRONT H10 V2 Heat Press Machine comes with a**1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.
For technical support, warranty claims, or any questions regarding your product, please contact HTVRONT customer service through their official website or the retailer where the product was purchased.
Please have your proof of purchase and model number (H10 V2) ready when contacting support.

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