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Leomru 15x15 8 in 1

Leomru 15x15 8-in-1 Heat Press Machine Instruction Manual

Model: 15"x15" 8 in 1 Multifunction Combo

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1. INTRODUCTION

The Leomru 15x15 8-in-1 Heat Press Machine is a versatile heat transfer solution designed for applying designs to various items. This multifunction combo unit features a 15"x15" T-shirt press, a 5.5"x3" hat press, multiple mug press attachments (6oz, 11oz, 12oz, 17oz), and two plate press attachments (5" and 6"). Its dual-tube heating system ensures even heat distribution, while the 360-degree swing-away and slide-out design enhance safety and ease of use. The upgraded digital control box allows for precise temperature and time settings, making it suitable for a wide range of heat transfer projects.

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 body clear of the heating element during operation to prevent burns. The heating plate reaches high temperatures.
- Ensure the machine is properly grounded to prevent electrical shock.
- Do not leave the machine unattended while it is powered on or operating.
- Unplug the machine from the power outlet when not in use or before cleaning and maintenance.

- Keep children and pets away from the heat press machine.
- Use appropriate personal protective equipment, such as heat-resistant gloves, when handling hot items or components.
- Do not apply excessive force when closing the heat press, as this may damage the machine or the item being pressed.
- Ensure adequate ventilation in the work area to dissipate any fumes from heat transfer materials.
- Do not use the machine if the power cord or plug is damaged. Contact customer support for assistance.
- The machine features an automatic shut-off function in case of overheating. If this occurs, unplug the machine and allow it to cool before attempting to use it again.

3. PRODUCT COMPONENTS

The Leomru 8-in-1 Heat Press Machine includes the main unit and various interchangeable attachments for different applications.



Figure 1: Main Heat Press Unit and Included Attachments

Main Unit Features:

- **Heating Plate (15"x15"):** The primary flat platen for T-shirts and other flat items. Features a Teflon coating to prevent sticking.
- **Bottom Plate/Slide-out Tray:** The lower platen where items are placed. Designed to slide out for easier and safer placement of materials.
- **Control Box:** Digital display for temperature and time settings, with buttons for adjustment and mode selection. Includes overheat protection.
- **Pressure Adjustment Knob:** Located at the top, allows for fine-tuning pressure based on material thickness.
- **Swing-Away Arm:** Allows the heating plate to rotate 360 degrees, moving it away from the working area for safety and convenience.
- **Handles:** Ergonomic handles for operating the press and sliding the tray.

Included Attachments:

- **T-shirt Press (15"x15"):** Integrated into the main unit for flat items.
- **Hat Press (5.5"x3"):** For pressing designs onto caps and hats.
- **Mug Press Attachments:** Four different sizes for various mug capacities (6oz, 11oz, 12oz, 17oz).
- **Plate Press Attachments:** Two sizes for ceramic plates (5" and 6").
- **Teflon Sheets:** Two sheets provided for extra protection of vinyl and garments.

MULTIPLE FUNCTIONS

Easily transfer images onto t-shirts, cups, hats, plates

You can change different accessories to make various designs.



8 ACCESSORIES TO CHANGE THE FUNCTION



Figure 2: Overview of 8 Interchangeable Accessories

4. SETUP

Initial Setup:

1. Unpack all components from the box and ensure all parts are present.
2. Place the main heat press unit on a sturdy, flat, and heat-resistant surface.
3. Ensure the power switch is in the "OFF" position before plugging the machine into a standard 110V power outlet.

Attaching Accessories:

The heat press is designed for easy interchangeability of attachments. For mug and plate presses, you will need to disconnect the main control box from the stand and connect it to the specific attachment. For the hat press, you will replace the top heating plate with the hat press attachment.

Your browser does not support the video tag. Video shows how to install various attachments for the heat

press machine.

Video: Detailed guide on how to install various attachments for the heat press machine.

For Mug Press Attachments:

1. Disconnect the control box from the main heat press stand.
2. Connect the cable of the desired mug press attachment to the control box.
3. Place the mug press on a stable surface.

For Plate Press Attachments:

1. Loosen the screws on the main heating plate to remove it.
2. Install the plate press attachment onto the top part of the machine by fastening the screws.
3. Connect the cable of the plate press to the control box.

For Hat Press Attachment:

1. Remove the screws from the main heating plate and install the hat press attachment in its place.
2. Remove the nuts from the bottom table and fasten the bottom part of the hat press with them.
3. Connect the cable of the hat press to the control box.

5. OPERATING INSTRUCTIONS

General Operation:

1. **Power On:** Flip the power switch to the "ON" position. The digital display will light up.
2. **Set Temperature:** Press the "SET" button on the control box. Use the "+" and "-" buttons to adjust the desired temperature (range: 30-450 °F). Press "SET" again to confirm.
3. **Set Time:** After setting the temperature, press "SET" again to enter time setting mode. Use the "+" and "-" buttons to adjust the desired time (range: 0-999 seconds). Press "SET" to confirm.
4. **Pre-heating:** Allow the machine to pre-heat until it reaches the set temperature. The display will indicate when the target temperature is reached.
5. **Adjust Pressure:** Use the pressure adjustment knob at the top to set the appropriate pressure for your material. Turn clockwise for more pressure, counter-clockwise for less. The pressure should be firm but not overly tight.

TEMPERATURE DIGITAL REGULATOR

Uniform Heating & Great Printing Effect



- Temperature Range: 0-250 °C / 200-480 °F
- Timer Control: 0 - 999 Seconds
- Easy to Operate Fast to Heat



Time Saving



Rapid Heating



Pressure Adjustment



Digital Time & Temperature

360° ROTATION DESIGN
Rotating Design for Easy Operation



Figure 3: Digital Control Panel and Pressure Adjustment

T-shirt Press Operation:

1. **Prepare T-shirt:** Place the T-shirt onto the bottom plate. Use the slide-out tray for easier positioning.
2. **Pre-heat T-shirt:** Close the heat press for 5-10 seconds to remove moisture and wrinkles. Open the press and allow the T-shirt to cool slightly.
3. **Position Design:** Place your transfer paper or vinyl design onto the T-shirt. Cover with a Teflon sheet.
4. **Press:** Swing the heating plate over the T-shirt and press the handle down firmly. The timer will start automatically.
5. **Finish:** Once the timer beeps, release the handle, swing the heating plate away, and carefully remove the T-shirt.

Your browser does not support the video tag. Video shows how to print a T-shirt using the heat press machine.

Video: Demonstration of T-shirt printing using the heat press machine.

Mug Press Operation:

1. **Prepare Mug:** Wrap your sublimation transfer paper around the mug and secure it with heat-resistant tape.

2. **Insert Mug:** Place the prepared mug into the mug press attachment.
3. **Press:** Close the mug press handle to apply pressure. The timer will start.
4. **Finish:** Once the timer beeps, open the press and carefully remove the hot mug. Allow it to cool before handling.

Hat Press Operation:

1. **Prepare Hat:** Place the hat onto the hat press platen, ensuring it is centered and flat.
2. **Position Design:** Place your transfer design onto the hat and secure it if necessary.
3. **Press:** Lower the heating element onto the hat and apply pressure. The timer will start.
4. **Finish:** After the timer beeps, lift the heating element and carefully remove the hat.

Plate Press Operation:

1. **Prepare Plate:** Place your transfer design onto the ceramic plate and secure it.
2. **Position Plate:** Place the prepared plate onto the plate press platen.
3. **Press:** Lower the heating element onto the plate and apply pressure. The timer will start.
4. **Finish:** Once the timer beeps, lift the heating element and carefully remove the hot plate.

6. MAINTENANCE

- **Cleaning:** Regularly wipe down the heating plates and exterior surfaces with a soft, damp cloth when the machine is cool and unplugged. Do not use abrasive cleaners.
- **Teflon Sheets:** Replace Teflon sheets if they become worn, torn, or excessively dirty to ensure optimal heat transfer and protection.
- **Storage:** Store the heat press in a dry, dust-free environment when not in use. Keep attachments organized and protected.
- **Inspection:** Periodically inspect the power cord, plug, and all connections for any signs of damage. Do not operate if damage is found.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not plugged in, power switch off, power outlet issue.	Check power connection, ensure switch is ON, try a different outlet.
Uneven heat transfer/fading.	Incorrect temperature/time, uneven pressure, worn Teflon sheet.	Adjust temperature/time settings, ensure even pressure, replace Teflon sheet.

Problem	Possible Cause	Solution
Design not adhering properly.	Insufficient pressure, incorrect temperature/time, material not suitable.	Increase pressure, verify temperature/time settings for your material, ensure material is compatible with heat transfer.
Machine beeps continuously.	Timer has completed, or overheat warning.	Press the "MODE" or "SET" button to stop the alarm. If it's an overheat warning, unplug and let it cool.
Difficulty changing attachments.	Screws not fully loosened, incorrect alignment.	Ensure all screws/nuts are completely loosened. Refer to the setup section for correct installation steps.

8. SPECIFICATIONS

Feature	Detail
Brand	Leomru
Model	15"x15" 8 in 1 Multifunction Combo
Voltage	110 Volts
Wattage	1400 watts
Upper Temperature Rating	450 Degrees Fahrenheit
Product Dimensions (Main Unit)	15 x 15 x 15 inches (L x W x H)
Item Weight	38.5 pounds
Material	Aluminum, Metal, Silicone, Vinyl
Color	Blue
Heating Element	Dual Tube Heating, Teflon Coated
Design	360° Swing Away & Slide-out Tray
Control Box	Digital, with Timer (0-999s) and Temperature (30-450°F)