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› AKEYDIY 8-in-1 Heat Press Machine User Manual

AKEYDIY Heat Press P8003

AKEYDIY Professional 8-in-1 Heat Press Machine User Manual

Model: Heat Press P8003

Brand: AKEYDIY

PRODUCT OVERVIEW

The AKEYDIY Professional 8-in-1 Heat Press Machine is a versatile sublimation machine designed for transferring images onto various items such as T-shirts, mugs, hats, and plates. It features a 12" x 15" heat platen, a 360° swing-away design for safety and ease of use, and an intelligent digital temperature control system. The machine utilizes a double heating tube design for even heat distribution, ensuring high-quality transfers.



Image: The AKEYDIY 8-in-1 Heat Press Machine, showcasing its main unit, various attachments for mugs, hats, and plates, and examples of items that can be customized, including a T-shirt, mug, and hat.

SAFETY INSTRUCTIONS

- Always operate the heat press on a stable, heat-resistant surface.
- Ensure proper ventilation in your workspace.
- Do not touch the heat platen or heating elements when the machine is hot. Use heat-resistant gloves if necessary.
- Keep children and pets away from the operating machine.
- Unplug the machine when not in use or before cleaning and maintenance.
- The machine is equipped with a Teflon-coated heat platen to prevent scorching.
- The surface temperature of the machine remains relatively low (50-70 degrees Celsius) even when the working temperature reaches 200 degrees Celsius, enhancing safety.

PACKAGE CONTENTS

Your AKEYDIY 8-in-1 Heat Press Machine package includes the following components:



Heat press machine 8 in 1 include:

- 1* heat press machine;
- 1* hat press 5.5x 3inch;
- 1* Mug Press(3"-3.5" diameter 11OZ) ;
- 1* Mug Press(Bottle);
- 1* Mug Press 9OZ;
- 1* Mug Press 12OZ;
- 1*Plate Press 6"/8";

Image: A visual breakdown of the 8-in-1 heat press components, including the main heat press machine, hat press, mug press (various sizes), and plate press attachment.

- 1 x Heat Press Machine (Main Unit)
- 1 x Hat Press (5.5 x 3 inches)
- 1 x Mug Press (3"-3.5" diameter, 11 oz)
- 1 x Mug Press (Bottle attachment)
- 1 x Mug Press (9 oz)
- 1 x Mug Press (12 oz)
- 1 x Plate Press (6"/8" diameter)
- Power Cable
- User Manual (this document)

SETUP INSTRUCTIONS

Setting up your AKEYDIY Heat Press Machine is straightforward. Ensure all components are present and undamaged before beginning.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the main heat press unit on a sturdy, flat, and heat-resistant surface. Ensure there is

adequate space around the machine for safe operation and the 360° swing-away function.

- 3. Connecting Attachments:** The machine is designed for easy attachment changes. To connect a specific attachment (e.g., hat press, mug press, plate press), align the attachment's connector with the corresponding port on the main unit and secure it firmly. Refer to the diagram below for component identification.
- 4. Power Connection:** Connect the power cable to the machine and then to a standard electrical outlet. Ensure the voltage matches the machine's requirements (110V).
- 5. Initial Power On:** Turn on the machine using the power switch. The digital controller will illuminate.



Image: Labeled diagram showing key parts of the heat press machine, including the rubber handle, swiveling pressure adjustable knob, digital controller, power cable, heat transfer pad, and plate handle.

OPERATING INSTRUCTIONS

Digital Controller Operation

The AKEYDIY Heat Press features an intelligent digital controller for precise temperature and time settings. The LCD displays show the current temperature (in Fahrenheit or Celsius) and time.

360°SWING-AWAY

360 DEGREES ROTATION OF ARM MOVES THE HEATING ELEMENTS SAFELY



Image: Close-up of the digital controller with temperature and time displays, along with control buttons for setting parameters.

- **Setting Temperature:** Press the "TEMP" button, then use the "+" and "-" buttons to adjust the desired temperature. The maximum temperature rating is 450°F.
- **Setting Time:** Press the "TIME" button, then use the "+" and "-" buttons to set the desired pressing time in seconds.
- **Start/Stop:** Once settings are configured, the machine will begin heating. An alarm will sound when the set temperature is reached. Press the "START" button (often combined with a power button or indicated by the machine's readiness) to begin the pressing cycle. An alarm will sound when the timer goes off.

360° Swing-Away Function

The 360° swing-away design allows the heating element to be safely moved aside, reducing the risk of accidental contact with the hot platen and providing a clear workspace for arranging your items.

DIGITAL CONTROLLER

LCD DISPLAYS SHOW THE TEMPERATURE (IN F/C) AND TIME



RUBBER HANDLE



PLATE HANDLE



THERMAL INSULATION COTTON



Image: The heat press machine with arrows illustrating its 360-degree swing-away capability, allowing the top platen to rotate away from the base for safer operation.

Basic Pressing Steps

HOW TO USE

MAIN STEPS FOR PRINTING



STEP 1

Put your item onto transfer the plate



STEP 2

Rotate the plate and align it with the bottom plate



STEP 3

Press down the handle firmly onto your item

More Practical Design



Prevent Scalding

The Platform has a little heat on the surface



Never rust (Aluminum)

Make the pressure much easy and smooth



Image: A step-by-step visual guide showing how to place an item, rotate the plate, and press down the handle for heat transfer.

1. **Step 1: Prepare Your Item:** Place the item (e.g., T-shirt, mug, hat) onto the appropriate attachment or the main platen. Ensure it is flat and free of wrinkles.
2. **Step 2: Position Design:** Place your transfer paper or vinyl design onto the item. If using the swing-away feature, rotate the heating element away for easier positioning.
3. **Step 3: Apply Pressure:** Swing the heating element back over the item. Adjust the pressure knob to achieve the desired pressure for your material. Press down the handle firmly to engage the heat press.
4. **Pressing Cycle:** The timer will begin counting down. Once the cycle is complete, the alarm will sound. Lift the handle and swing the heating element away. Carefully remove your item.

Using Different Attachments

The 8-in-1 machine allows for various applications by changing the heating elements. Each attachment is designed for specific items:

MULTIPLE FUNCTIONS



T shirt Press



Hat Press



Plate Press



Mug Press



Image: A visual guide demonstrating the machine's versatility for T-shirt pressing, hat pressing, plate pressing, and mug pressing, with examples of each.

- **T-Shirt Press:** Use the main 12" x 15" flat platen for apparel, mouse pads, and other flat items.
- **Hat Press:** Attach the curved hat press element for caps and hats.
- **Mug Press:** Select the appropriate mug attachment (11 oz, 9 oz, 12 oz, or bottle) for cylindrical items.
- **Plate Press:** Use the circular plate press attachment for ceramic plates.

MAINTENANCE

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

- **Cleaning:** Allow the machine to cool completely before cleaning. Wipe down the heat platen with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.
- **Regular Checks:** Periodically inspect all cables and connections for any signs of wear or damage.

TROUBLESHOOTING

If you encounter any issues with your AKEYDIY Heat Press Machine, refer to the following common

troubleshooting tips:

- **Machine Not Powering On:** Ensure the power cable is securely plugged into both the machine and a working electrical outlet. Check the power switch.
- **Uneven Heating:** Verify that the heating element is properly seated and that the pressure is evenly distributed across the platen. The machine features a double heating tube design for improved heat distribution.
- **Poor Transfer Quality:** Adjust temperature, time, and pressure settings according to the material and transfer type. Ensure the item is flat and the design is properly aligned.
- **Alarm Sounds Continuously:** This may indicate the set temperature has been reached or the timer has completed its cycle. Refer to the digital controller display. An alarm also sounds if the machine has been idle for a while.

For issues not covered here, please contact AKEYDIY customer support for professional repair service.

SPECIFICATIONS

Feature	Detail
Model Number	Heat Press P8003
Platen Size	12" x 15"
Voltage	110 Volts
Wattage	1100 Watts
Upper Temperature Rating	450 Degrees Fahrenheit
Cable Length	1.5 Meters
Item Weight	46.2 pounds (21 Kilograms)
Product Dimensions	15.8"L x 15.5"W x 14"H
Material	Alloy Steel
Color	Red & Blue
UPC	742962130127

WARRANTY AND SUPPORT

AKEYDIY provides a **3-year warranty** for this heat press machine. We are committed to providing professional repair service and support.

If you have any problems or questions, please do not hesitate to contact us. We will do our best to resolve any issues you may encounter.

This product also holds UL and FCC certifications, ensuring top-tier electrical safety and performance.

OFFICIAL PRODUCT VIDEOS

There are currently no official product videos provided by the seller for this model. Please refer to the detailed instructions and images within this manual for guidance.

