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

AKEYDIY Professional 8 in 1 heat press combo

AKEYDIY 8-in-1 Heat Press Machine User Manual

Model: Professional 8 in 1 Heat Press Combo

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your AKEYDIY 8-in-1 Heat Press Machine. This versatile machine is designed for heat transferring images onto various items, including T-shirts, mugs, hats, and plates. Please read this manual thoroughly before initial use and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always operate the machine on a stable, heat-resistant surface.
- Keep hands and body clear of the heating elements during operation to prevent burns. The heating plate can reach temperatures up to 390°F (200C).
- Ensure the machine is properly grounded and connected to a 110V power supply.
- 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 machine during operation.
- Do not immerse the machine or its electrical components in water or other liquids.
- If any damage occurs to the power cord or plug, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

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

- Main Heat Press Machine with 12 x 15 inch T-shirt press platen
- 6 inch Plate Press Attachment
- 8 inch Plate Press Attachment
- 11 oz Mug Press Attachment
- 12 oz Mug Press Attachment
- 17 oz Mug Press Attachment
- 5.5 x 3 inch Cap Press Attachment
- Power Cable

4. PRODUCT OVERVIEW

Familiarize yourself with the main parts and digital controller of your heat press machine.

MAIN PARTS OVERVIEW



PRODUCT SPECIFICATIONS



Figure 4.1: Main Parts Overview. This image illustrates the key components of the heat press machine, such as the rubber handle for operation, the swiveling pressure adjustment knob, the temperature regulator, the power switch, the detachable heating plate, and the heat transfer pad.



Figure 4.2: Digital Controller. This image highlights the digital control panel, which displays the current temperature (in Fahrenheit or Celsius) and time. It includes buttons for setting temperature and time, as well as an overload protector for safety.

5. SPECIFICATIONS

Brand	AKEYDIY
Model Number	Professional 8 in 1 heat press combo
Material	Metal, Plastic
Color	Blue
Product Dimensions (L x W x H)	18.5" x 18.5" x 21.26"
Item Weight	22.34 kg
Voltage	110 volts

Wattage	900 watts
Upper Temperature Rating	232 C (390°F)
Transfer Size (T-shirt platen)	12 x 15 inches (29 x 38 cm)

6. SETUP INSTRUCTIONS

Follow these steps to set up your heat press machine and attach the desired heating element.

6.1 Initial Assembly

1. Unpack all components and ensure all parts listed in Section 3 are present.
2. Place the main heat press unit on a sturdy, level, and heat-resistant surface. Ensure there is adequate space around the machine for safe operation and the 360-degree swing-away function.
3. Connect the power cable to the machine and then to a grounded 110V power outlet.

6.2 Attaching Different Heating Elements

The AKEYDIY 8-in-1 heat press allows for easy exchange of heating elements. To change an element, you will typically need a Phillips head screwdriver.

1. **For T-shirt/Flat Press:** The 12x15 inch platen is usually pre-installed. Ensure it is securely fastened.
2. **For Mug Press:** Locate the mug press attachment. Securely attach it to the designated port on the main unit using the provided screws. Ensure the connection is firm.
3. **For Hat/Cap Press:** Attach the cap press element to the main unit, ensuring it is stable and properly aligned.
4. **For Plate Press:** Attach the desired plate press (6-inch or 8-inch) to the main unit.



Figure 6.1: Multi-Application Setup. This image demonstrates how different attachments for T-shirts, mugs, hats, and plates connect to the main heat press unit, highlighting its versatility.

7. OPERATING INSTRUCTIONS

This section outlines the general operation of the heat press and specific instructions for different items.

7.1 General Operation

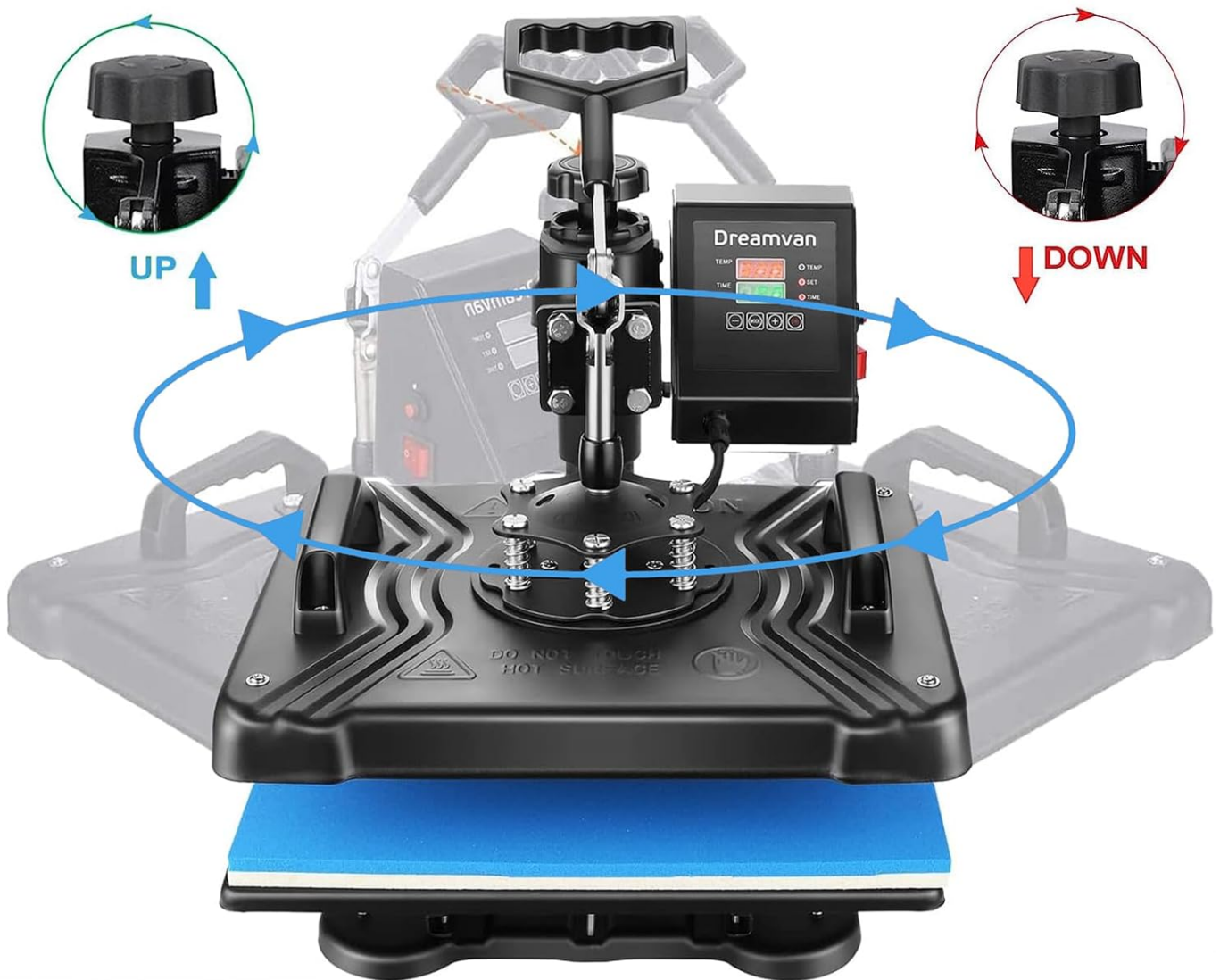
1. **Power On:** Turn on the main power switch located on the side of the control box.
2. **Set Temperature:** Use the digital controller to set the desired temperature. Press the 'SET' button, then use the '+' and '-' buttons to adjust the temperature. Press 'SET' again to confirm. The temperature range is 104°F to 390°F (40C to 200C).
3. **Set Time:** After setting the temperature, press 'SET' again to enter time setting mode. Use the '+' and '-' buttons to adjust the desired pressing time (0 to 999 seconds). Press 'SET' to confirm.
4. **Preheating:** Allow the machine to preheat until it reaches the set temperature. The display will indicate when the target temperature is reached.
5. **Pressure Adjustment:** Adjust the pressure knob on top of the machine to achieve the desired pressure for your item. Turn

clockwise for more pressure, counter-clockwise for less.

6. **Swing-Away Feature:** The 360-degree swing-away design allows you to safely move the heating element away from the lower platen, providing a clear workspace and reducing the risk of accidental burns.

360° SWING-AWAY

360 degrees rotation of arm moves the heating elements safely



JL Pressure Adjustment

Figure 7.1: 360-Degree Swing-Away. This image demonstrates the machine's ability to rotate the heating element 360 degrees, allowing for safe and easy placement of items on the lower platen.

7.2 Pressing T-shirts and Flat Items

1. Place your T-shirt or flat item onto the 12x15 inch transfer platen. Ensure it is smooth and free of wrinkles.
2. Position your transfer design onto the item.
3. Swing the heating platen over the item and press the handle down firmly to apply pressure.
4. The timer will start automatically. Once the time expires, release the handle and swing the heating platen away.
5. Carefully remove the transfer paper and your finished item.

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

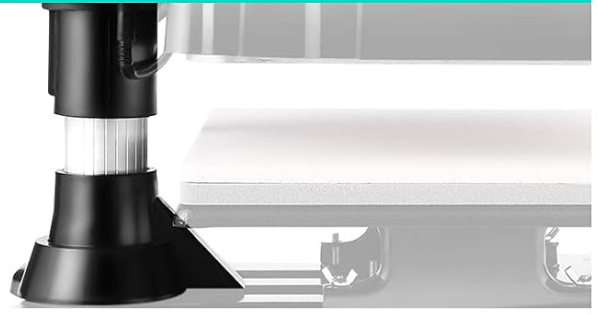


Figure 7.2: Basic Pressing Steps. This visual guide outlines the three main steps for heat pressing: placing the item, aligning the plate, and applying pressure with the handle.

7.3 Pressing Mugs

1. Ensure the correct mug press attachment (11oz, 12oz, or 17oz) is installed.
2. Wrap your transfer design around the mug and secure it with heat-resistant tape.
3. Place the mug into the mug press attachment.
4. Close the mug press handle to apply pressure.
5. Start the timer. Once complete, open the press and carefully remove the hot mug using heat-resistant gloves.

Your browser does not support the video tag.

Video 7.1: Multi-Item Heat Press Demonstration. This video demonstrates the process of using the heat press machine for various items, including mugs, T-shirts, and hats, showcasing the versatility of the 8-in-1 system.

7.4 Pressing Hats/Caps

1. Ensure the cap press attachment is installed.

2. Place the cap onto the lower platen of the cap press, ensuring it is centered and smooth.
3. Position your transfer design onto the cap.
4. Close the cap press handle to apply pressure.
5. Start the timer. Once complete, open the press and carefully remove the cap.

7.5 Pressing Plates

1. Ensure the appropriate plate press attachment (6-inch or 8-inch) is installed.
2. Place the plate onto the lower platen of the plate press.
3. Position your transfer design onto the plate.
4. Close the plate press handle to apply pressure.
5. Start the timer. Once complete, open the press and carefully remove the hot plate using heat-resistant gloves.

Your browser does not support the video tag.

Video 7.2: Versatile Heat Press Applications. This video showcases the machine's versatility for various DIY projects, demonstrating its use for different items and creative applications.

8. MAINTENANCE

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

8.1 Cleaning

- Always unplug the machine and allow it to cool completely before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- For the non-stick heating platen, gently wipe with a soft cloth. If residue builds up, use a specialized heat press platen cleaner. Avoid scratching the surface.
- Clean the silicone and cotton pads regularly to remove any debris or transfer residue.

Non-stick surface



Figure 8.1: Non-Stick Surface and Protective Pads. This image highlights the non-stick coating of the heating platen and the use of protective pads (silicone and cotton) to help reduce surface temperature and protect items during pressing.

8.2 Storage

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

9. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Machine does not power on	Power cord not connected, power switch off, tripped circuit breaker, blown fuse.	Check power connections, ensure switch is ON, reset circuit breaker, check internal fuse (consult support if unsure).

Uneven heating	Faulty heating element, uneven pressure.	Ensure pressure is evenly distributed. If issue persists, contact customer support. The machine features a double heating tube design for even heat distribution.
Poor transfer quality (fading, incomplete)	Incorrect temperature, insufficient time, inadequate pressure, incorrect transfer paper/material.	Verify temperature and time settings for your specific transfer material. Adjust pressure. Ensure proper transfer paper is used.
Machine makes unusual noise	Loose components, internal issue.	Turn off and unplug the machine. Inspect for any loose parts. If noise persists, contact customer support.

10. WARRANTY AND CUSTOMER SUPPORT

10.1 Warranty Information

The AKEYDIY 8-in-1 Heat Press Machine comes with a **3-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

If you encounter any issues, have questions about operation, or require technical assistance, please do not hesitate to contact AKEYDIY customer service. Refer to your purchase documentation or the AKEYDIY official website for contact details.

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