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› AKEYDIY 5-in-1 Heat Press Machine (Model HP-5) User Manual

AKEYDIY HP-5

AKEYDIY 5-in-1 Heat Press Machine User Manual

Model: HP-5

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your AKEYDIY 5-in-1 Heat Press Machine, Model HP-5. This versatile machine is designed for applying transfers, letters, numbers, and images onto various items such as T-shirts, caps, ceramic plates, and mugs. Please read this manual thoroughly before initial use and retain it for future reference.

12 x 15 HEAT PRESS MACHINE

Suitable for all heat transfer vinyl (HTV) and sublimation projects



RUBBER HANDLE



PLATE HANDLE



THERMAL INSULATION COTTON



Image 1.1: AKEYDIY 5-in-1 Heat Press Machine with various applications.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent injury or damage, always adhere to the following safety guidelines:

- Always operate the machine on a stable, heat-resistant surface.
- Keep hands and fingers away from the heating plate during operation to prevent burns. The machine reaches high temperatures.
- Ensure proper ventilation in the work area.
- 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.
- Do not use the machine near water or in damp conditions.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

- The small red button on the side of the control box is an overload protector. If it pops up due to high temperature or unstable voltage, press it to reset after the machine cools down or the voltage stabilizes.
- Keep children and pets away from the machine during operation.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Heat Press Machine (Main Unit)
- 1x 11oz Mug Press Attachment
- 1x 5-inch Plate Press Attachment
- 1x 6-inch Plate Press Attachment
- 1x Cap Press Attachment (6"x3")
- 1x Screwdriver
- 1x Wrench
- 1x User Manual (This document)
- 1x Free T-shirt (for testing purposes)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your heat press machine:

PRODUCT DETAILS

Main Spare Parts

1. Pedestal
2. Placement
3. Heating Plate
4. Handle
5. Aviation connector
6. Button
7. Lift knob
8. Overload protector
9. Power socket
10. Power switch
11. Column



Image 4.1: Main Parts Diagram.

1. Pedestal: The base of the machine.
2. Placement: The lower platen where items are placed.
3. Heating Plate: The upper platen that applies heat and pressure.
4. Handle: Used to lower and raise the heating plate.
5. Aviation Connector: Connects attachments to the main unit.
6. Button: Control panel buttons for setting temperature and time.
7. Lift Knob: Adjusts the height of the heating plate.
8. Overload Protector: Safety switch that pops out if overloaded.
9. Power Socket: Where the power cord connects.
10. Power Switch: Turns the machine on/off.
11. Column: Supports the upper assembly and allows rotation.

5. SETUP

5.1 Initial Assembly

The main heat press unit typically comes pre-assembled. Ensure all components are securely fastened before use. Use the provided screwdriver and wrench for any necessary adjustments.

5.2 Attaching the Cap Press

To attach the cap press, carefully align the cap press attachment with the main unit's connection point and secure it using the aviation connector. Ensure it is firmly in place before operation.



Image 5.1: Cap Press Attachment.

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Video 5.1: This video demonstrates the process of changing and securing the cap press attachment to the main heat press unit. It shows how to align the attachment and connect it properly for use.

5.3 Attaching the Mug Press

Connect the mug press attachment to the main unit via the aviation connector. Ensure the connection is secure. Adjust the pressure of the mug press using its dedicated knob before inserting a mug.



Image 5.2: Mug Press Attachment.

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Video 5.2: This video illustrates how to connect the mug press attachment to the heat press machine and how to adjust the pressure settings for optimal mug pressing.

5.4 Attaching the Plate Presses

Select either the 5-inch or 6-inch plate press attachment. Connect it to the main unit using the aviation connector, ensuring a secure fit. The plate presses are designed for flat, circular items.



Image 5.3: Plate Press Attachment.

6. OPERATING INSTRUCTIONS

6.1 Power On and Digital Control

Plug the machine into a standard 110V power outlet. Turn on the power switch. The digital LCD controller will illuminate, displaying current temperature and time settings.

EASY TIME & TEMP SETTING



Overload Protector



Pressure Adjust



Rubber Handle

Image 6.1: Digital Control Panel.

- **Temperature Setting:** Press the 'SET' button (or 'MODE' button depending on model) to enter temperature setting mode. Use the '+' and '-' buttons to adjust the desired temperature (up to 450°F). Press 'SET' again to confirm.
- **Time Setting:** After setting the temperature, press 'SET' again to enter time setting mode. Use the '+' and '-' buttons to adjust the desired time (up to 999 seconds). Press 'SET' one more time to confirm and exit setting mode.
- The machine will automatically heat up to the set temperature. A buzzer will sound when the set time is completed.
- Fahrenheit and Celsius units can be switched via the control panel.

6.2 Pressure Adjustment

The pressure can be adjusted using the knob located on the top of the machine. Turn clockwise to increase pressure and counter-clockwise to decrease pressure. Ensure adequate pressure for a firm contact between the heating plate and the item being pressed.

360° SWING AWAY ROTATION

A Fully Rotated 360-Degree Swing-Away

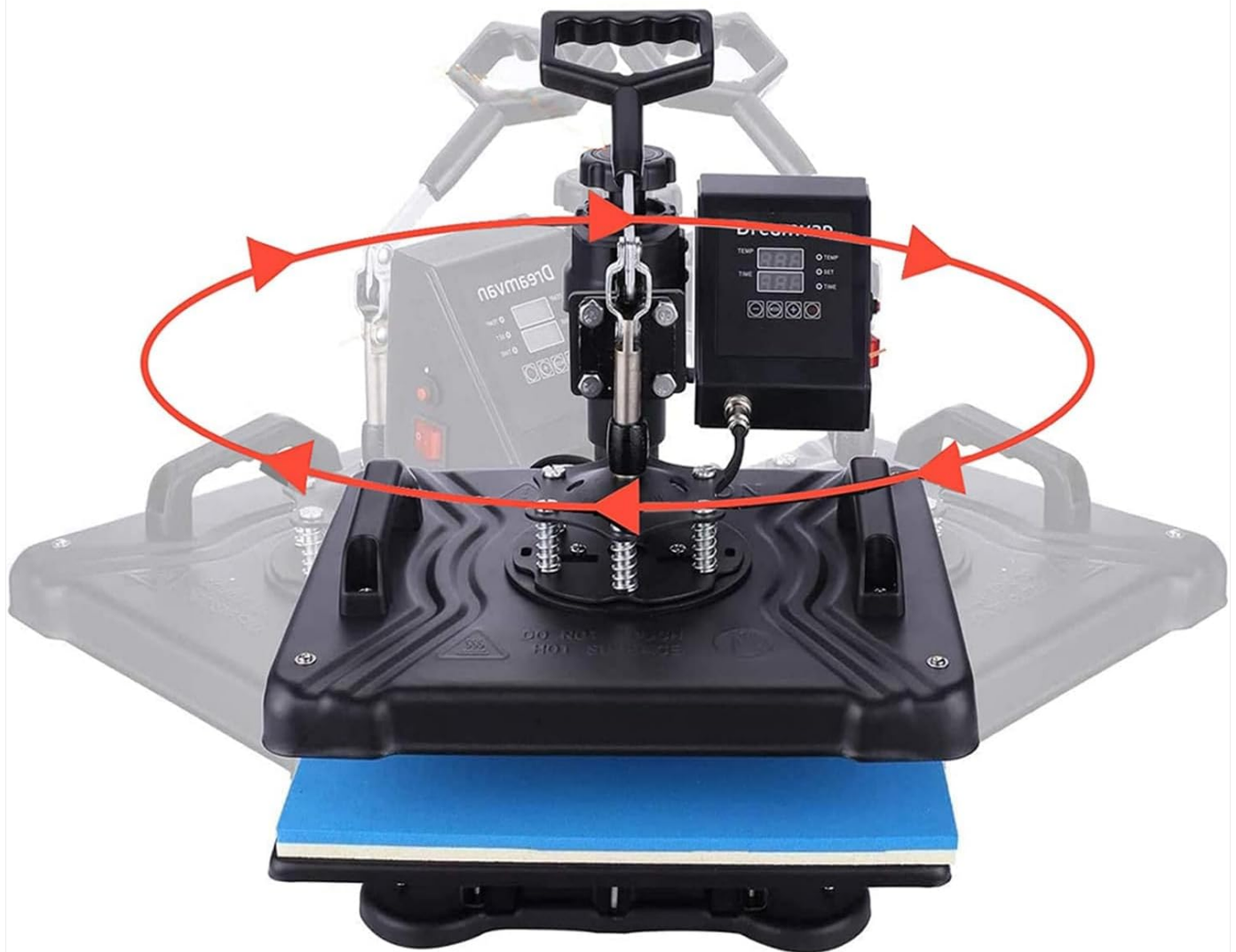


Image 6.2: 360° Swing-Away Rotation for safe operation and pressure adjustment.

6.3 General Heat Transfer Process (T-shirts, Flat Items)

Follow these steps for basic heat transfer:

1. **Prepare Item:** Place your T-shirt or flat item onto the lower silicone pad. Ensure it is smooth and free of wrinkles.
2. **Position Transfer:** Place your transfer paper or vinyl design onto the item in the desired position.
3. **Align and Close:** Rotate the upper heating plate over the item. Press down the handle firmly to apply pressure.
4. **Heat Transfer:** The machine will begin the countdown. Once the timer finishes and the buzzer sounds, lift the handle to release pressure.
5. **Remove Item:** Swing the heating plate away from the item. Carefully remove the transfer paper and then the 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



Image 6.3: Main Steps for Printing.

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Video 6.4: This video provides a comprehensive overview of the AKEYDIY 5-in-1 multifunctional heat press machine, demonstrating its use for various items like T-shirts, mugs, and plates. It highlights the machine's versatility and ease of operation.

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Video 6.5: This video showcases the AKEYDIY 12x15 heat press machine combo, focusing on its application for shirts and mugs. It demonstrates the practical steps involved in heat pressing these items, emphasizing the machine's capabilities.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your heat press machine:

- **Cleaning:** Ensure the machine is unplugged and completely cool before cleaning. Wipe the heating plate and other surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Silicone Pad:** The removable silicone pad and cotton pad should be cleaned regularly and replaced if they show signs of wear or damage.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.
- **Inspection:** Periodically check all connections and moving parts for any signs of wear or looseness. Tighten as necessary.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not plugged in; Power switch off; Overload protector tripped.	Check power connection; Turn on power switch; Press the red overload protector button to reset.
Uneven heating or poor transfer quality.	Insufficient pressure; Incorrect temperature/time settings; Worn silicone pad.	Adjust pressure knob; Verify temperature and time settings; Replace silicone pad if necessary.
Buzzer does not sound.	Timer not set correctly; Buzzer malfunction.	Ensure timer is set; Contact customer support if malfunction persists.
Attachments not connecting securely.	Improper alignment; Damaged aviation connector.	Re-align and ensure firm connection; Inspect connector for damage and contact support if needed.

9. SPECIFICATIONS

Feature	Detail
Model Number	HP-5
Product Dimensions (L x W x H)	15" x 12" x 18"
Item Weight	40.7 Pounds
Voltage	110 Volts
Wattage	900 watts
Upper Temperature Rating	450 Degrees Fahrenheit
Lower Temperature Rating	32 Degrees Fahrenheit
Material	Plastic, Silicone
Included Components	Heat Press Machine, 11oz Mug Press, 5in Plate Press, 6in Plate Press, Cap Press (6"x3"), Screwdriver, Wrench, User Manual, Free T-shirt

10. WARRANTY AND SUPPORT

Warranty: The AKEYDIY 5-in-1 Heat Press Machine comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

Customer Service: For any problems, questions, or warranty claims, please contact AKEYDIY customer service. Refer to your purchase documentation for specific contact information. We are committed to providing professional repair service and support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question