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› AKEYDIY Tumbler Heat Press User Manual (Model: Mug Press)

AKEYDIY Mug Press

AKEYDIY Tumbler Heat Press User Manual

Model: Mug Press

Your guide to successful sublimation heat transfers.

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your AKEYDIY Tumbler Heat Press. Designed for versatility, this machine facilitates sublimation heat transfers on a variety of drinkware, including straight skinny tumblers, glass jars, and mugs. Please read this manual thoroughly before initial use to ensure optimal results and product longevity.



Image 1.1: The AKEYDIY Tumbler Heat Press with examples of customized drinkware and included accessories.

2. SAFETY INSTRUCTIONS

- Keep out of reach of children.
- Ensure the machine is cooled before packing or storage.
- Do not touch the heating element while the machine is on or heating.
- After 2 hours of continuous use, allow the press to cool for 20 minutes.
- Do not operate the heat press with a damaged cord or when the machine has been broken.
- The cup will be extremely hot after pressing. Do not touch the cup directly with your hands until it has cooled. Always use heat-resistant gloves when removing the cup from the press.

3. PRODUCT COMPONENTS

The AKEYDIY Tumbler Heat Press comes with the following components:

- Heat Mug Press Machine (1 unit)
- Heat Resistance Gloves (2 pairs)

- Sublimation Tape (1 roll)
- Power Cord (1 unit)
- User Manual (1 unit)

Industrial Quality

Specially designed for sublimating cups and mugs

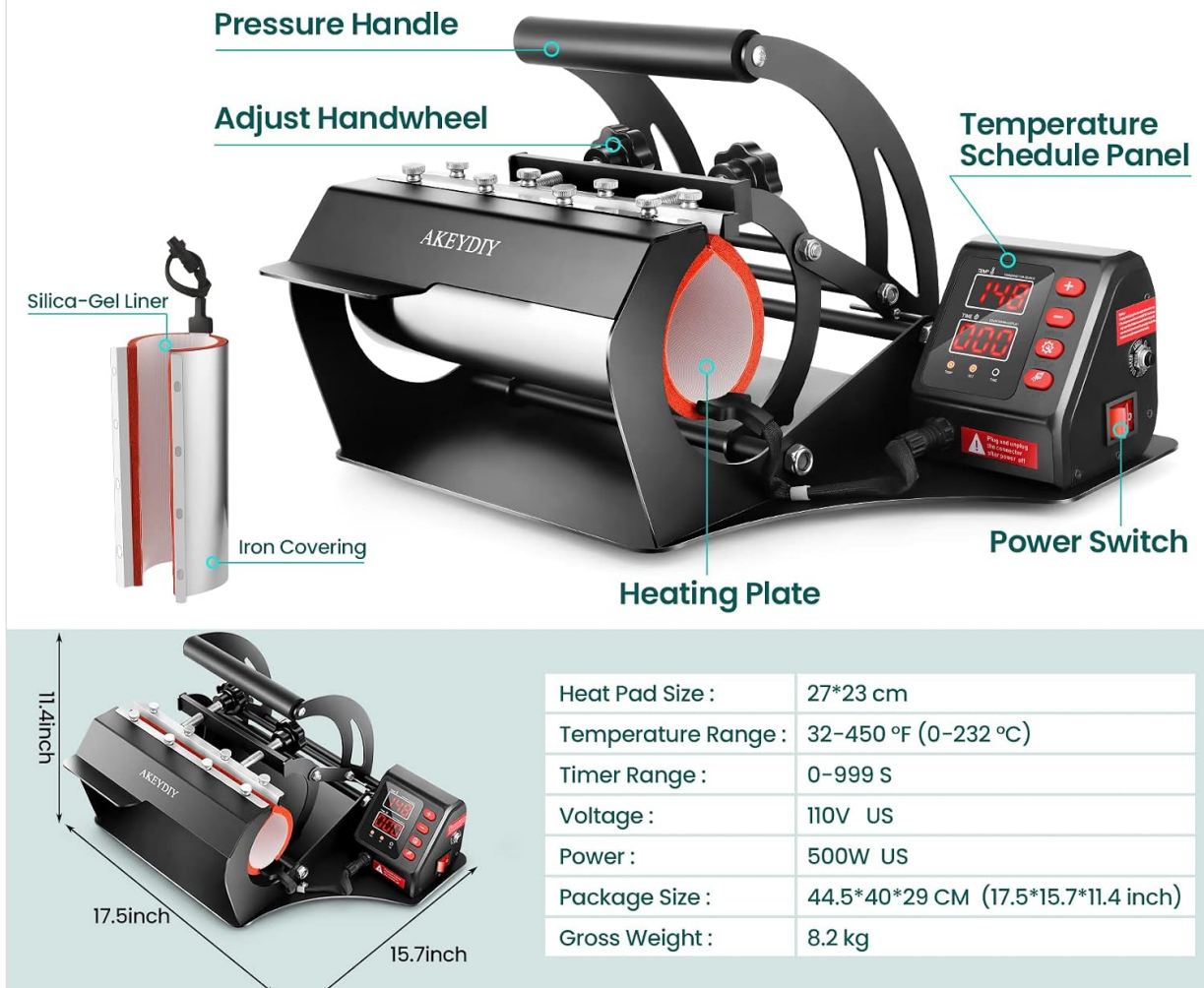
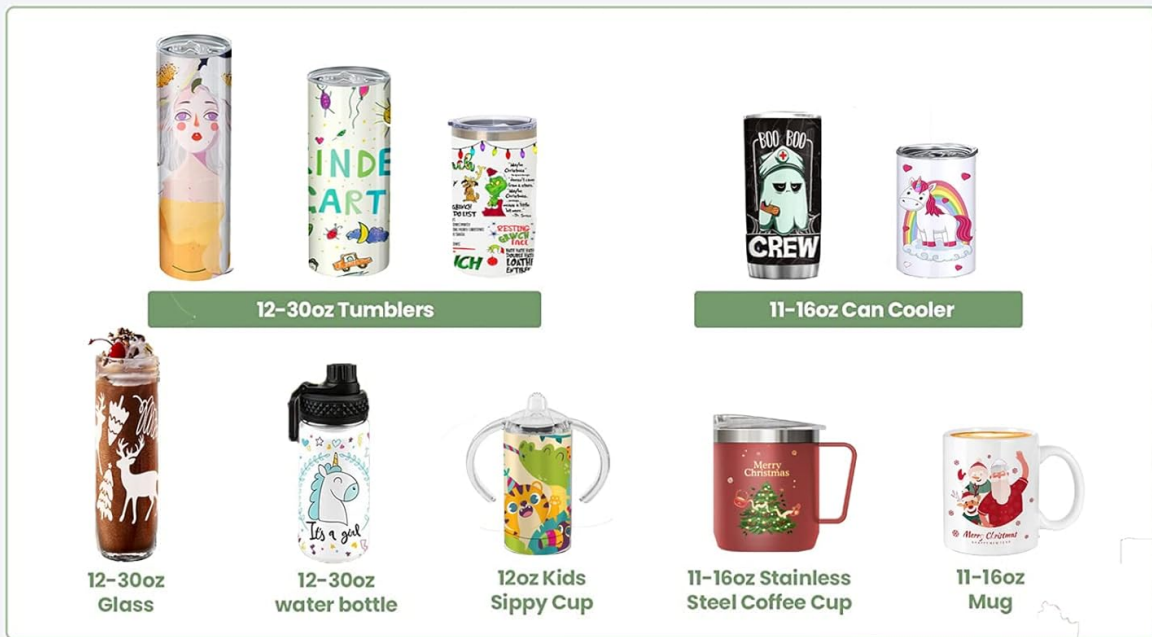


Image 3.1: Key components of the AKEYDIY Tumbler Heat Press.

The machine features a 10.6-inch (27cm) detachable heating attachment, suitable for various drinkware with a diameter range of 2.65-3.4 inches.

Suitable for 11-30oz straight tumbler, glass, mug



Max Length :
10.6 inch
Min Cup :
Greater than 2.9inch (7.4cm)



Image 3.2: Compatible drinkware sizes for the heat press.

4. SETUP

The AKEYDIY Tumbler Heat Press requires no assembly. Simply place the machine on a stable, heat-resistant surface. Connect the power cord to the machine's power inlet and then to a 110V power outlet.

Video 4.1: An overview of the AKEYDIY 11-30oz Automatic Tumbler Mug Heat Press Machine, demonstrating its features and ease of use.

5. OPERATING INSTRUCTIONS

5.1. Power On and Initial Settings

1. Turn on the power switch located on the side of the machine.
2. The digital control panel will illuminate.

5.2. Temperature and Time Adjustment

The machine features an easy-to-use digital control panel for setting temperature and time.

- Use the temperature buttons (up/down arrows) to set the desired heat.
- Use the time buttons (up/down arrows) to set the desired duration.

Video 5.1: Demonstration of setting time and temperature on the digital control panel.

Suggested settings for common items:

- **Stainless Steel Tumblers:** 360°F-400°F for 45 seconds (transfer twice for full printing).
- **Glass Jars:** 360°F-400°F for 120 seconds.
- **Ceramic Mugs:** 365°F-400°F for 200 seconds.

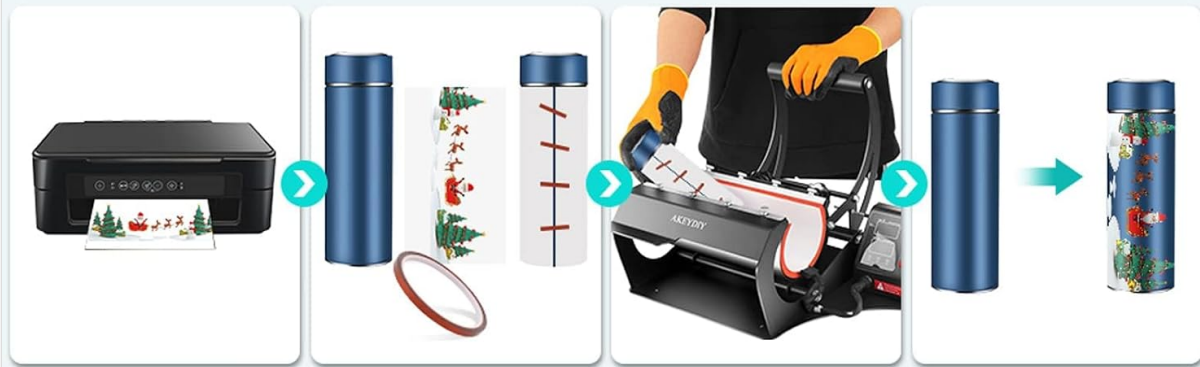
5.3. Pressure Adjustment

Adjust the pressure by turning the pressure knob. This allows for optimal contact with various drinkware diameters (2.65-3.4 inches) and ensures even heat transfer.

5.4. Sublimation Process

1. Print your design onto sublimation paper using sublimation ink. Ensure the design is mirrored.
2. Securely attach the printed sublimation paper to your tumbler, mug, or glass jar using heat-resistant tape. Ensure it is tight and smooth to prevent ghosting.
3. Wait until the machine heats up to the target temperature.
4. Carefully insert the prepared drinkware into the heating attachment.
5. Press the handle down to engage the press. The timer will automatically start counting down.
6. When the alarm sounds, the transfer is complete. Release the handle.
7. Wearing heat-resistant gloves, carefully remove the hot drinkware.
8. Peel off the sublimation paper immediately to reveal your finished product.
9. Allow the item to cool completely before handling without gloves.

MUG SUBLIMATION PRINT



Print Image

Select your designs, print out it with the sublimation paper by sublimation ink.

Fix Sublimation Paper

Fix printed sublimation paper on the tumbler with heat-resisting tapes.

Press and Heat

Start heating by tumbler press machine.

Sublimation Finished

If your print designs is the full wrap one, please rotate and print the item twice.



Image 5.1: Visual guide to the mug sublimation printing process.

Video 5.2: AKEYDIY Tumbler Heat Press in action for 10oz-30oz tumblers and glass items.

6. MAINTENANCE

To ensure the longevity and optimal performance of your heat press, follow these maintenance guidelines:

- Regularly clean the heating element and exterior surfaces with a soft, dry cloth after the machine has cooled down.
- Inspect the power cord for any signs of damage before each use.
- Store the machine in a dry, dust-free environment when not in use.

7. TROUBLESHOOTING

If you encounter issues with your heat press, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Colors are too light	Time too short / Temperature too low / Pressure too low	Adjust time, temperature, or pressure accordingly.
Partial image blur	Uneven surface of printed item or insufficient pressure	Ensure item surface is clean and smooth; adjust pressure for even contact.
Overall image blur	Time too long / Temperature too high / Pressure too high	Reduce time, temperature, or pressure.
Paper sticks to the item	Temperature too high / Poor quality coating on item	Lower temperature; ensure you are using high-quality sublimation blanks.

8. SPECIFICATIONS

Feature	Detail
Recommended Uses	Mug, Cup, Bottle
Upper Temperature Rating	450°F (232°C)
Voltage	110 Volts
Wattage	500 watts
Product Dimensions	18.9 x 16.14 x 12.6 inches
Item Weight	18.08 pounds
Assembly Required	No
Number of Pieces	4 (Heat press, gloves, tape, manual)
Material	Silica-gel, Plastic, Iron, Steel
Color	Black Red

9. WARRANTY AND SUPPORT

Your AKEYDIY Tumbler Heat Press comes with a manufacturer warranty for 365 days from the date of purchase.

For any questions or support, please refer to the contact information provided in your product packaging or reach out to AKEYDIY customer service.

