

AKEYDIY 15"x15" 8in 1 combo

AKEYDIY 8-in-1 Heat Press Machine Instruction Manual

Model: 15"x15" 8in 1 combo

1. INTRODUCTION

The AKEYDIY 8-in-1 Heat Press Machine is a versatile and efficient tool designed for various heat transfer and sublimation projects. This comprehensive manual provides detailed instructions for the safe and effective operation, setup, and maintenance of your heat press machine, enabling you to create personalized items such as T-shirts, hats, mugs, tumblers, and plates.



Figure 1.1: AKEYDIY 8-in-1 Heat Press Machine with its included attachments.

2. PRODUCT FEATURES

- **8-in-1 Versatility:** Capable of printing on T-shirts, hats, canvas bags, tumblers, mugs (9oz, 12oz, 17oz, 30oz), glasses, and ceramic plates using heat transfer technology.
- **Multiple Attachments:** Includes a 15" x 15" platen press, 5.5" x 3" hat/cap press, 30-ounce roller press (10.6" length, 2.65-3.4" diameter range), 6" flatbed press, and 8" flatbed press.
- **360° Rotation and Guide Design:** The swing-away design ensures safe movement of the heating element, and a built-in smooth slide rail allows easy access to items, preventing accidental burns.
- **Dual-Tube Heating:** Features a double-tube heating design with a heat insulation layer and thick sponge for precise and even heat distribution, ensuring high-quality patterns.
- **Teflon Coated Platen:** Upgraded aluminum heating plate with Teflon coating and two additional Teflon sheets for protection of vinyl and garments.
- **Digital LCD Control:** Precise control of temperature (200-482°F / 95-250°C) and time (0-999 seconds) with a digital display and switchable Fahrenheit/Celsius units.
- **Adjustable Pressure Knob:** Allows adjustment of pressure according to material thickness for consistent results.

Multifunction

Satisfying all your sublimation desires



Figure 2.1: Multifunctionality of the AKEYDIY Heat Press.



Figure 2.2: Key structural components and design features.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- 1 x Heat Press Machine (Main Unit with Teflon-coated platen)
- 1 x 30 oz Tumbler Press Attachment
- 1 x Hat Press Attachment (5.5" x 3" / 14x8cm)
- 1 x 6" Plate Press Attachment
- 1 x 8" Plate Press Attachment
- 1 x 9 oz Mug Press Attachment
- 1 x 12 oz Latte Mug Press Attachment
- 1 x 17 oz Latte Mug Press Attachment
- 2 x Teflon Sheets
- 1 x Power Cord
- 1 x User Manual

PRODUCT PARAMETERS

8in1

THLANNSEFER SIZE:
15"X15"(38X38cm)

HAT/CAP PPESS:
5.5"x3"(14*8cm)

MUG PRESS:
30 OZ/30 OZ/9oz mug/12oz
latte mug/17oz latte mug

PLATE PRESS #1:
6" MAX DIAMETER

PLATE PRESS #2:
8" MAX DIAMETER



	Temperature Range: 0-482°F/0-250°C
	Timer range: 0-999s
	Rated Power: 1400W
	Rated voltage: 110-120V
	Rated frequency: 60Hz
	Length of the cable: 4.9FT (1.5M)
	Net Weight: 19.6kg(43.2lbs)

Figure 3.1: Product parameters and included components.

4. SAFETY INSTRUCTIONS

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

- Always place the heat press on a stable, heat-resistant surface.
- Keep hands and body clear of the heating platen during operation to avoid burns.
- Do not touch the heating element immediately after use, as it remains hot for a period.
- Ensure the power cord is not damaged and is properly grounded.
- Unplug the machine from the power outlet when not in use or before cleaning/maintenance.
- Do not operate the machine in wet or damp conditions.
- Keep out of reach of children.
- Use only manufacturer-approved attachments and accessories.

5. SETUP

Follow these steps for initial setup:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the main heat press unit on a sturdy, flat, and heat-resistant surface. Ensure adequate clearance around the machine for ventilation and safe operation.
3. **Attachment Installation:** To install a specific attachment (e.g., mug press, hat press, or plate press), align it with the designated mounting points on the main unit and secure it according to the attachment's specific instructions. The 360° swing-away design allows for easier attachment changes.
4. **Power Connection:** Plug the power cord into a grounded 110V AC outlet.

6. OPERATING INSTRUCTIONS

This section outlines the general operation of the heat press and specific guidance for different applications.

6.1. General Operation

1. **Power On:** Turn on the main power switch, usually located on the side of the control box.
2. **Set Temperature and Time:** Use the digital LCD control panel to set the desired temperature and time for your specific transfer material. Refer to the material manufacturer's recommendations.
 - Press the **SET** button.
 - Use the **Plus (+)** or **Minus (-)** buttons to adjust the temperature.
 - Press **SET** again to switch to time setting.
 - Use **Plus (+)** or **Minus (-)** to adjust the time.
 - Press **SET** one more time to confirm settings.
 - The machine will begin to heat up.
3. **Preheat:** Allow the machine to reach the set temperature. The display will indicate when it's ready.
4. **Adjust Pressure:** Use the pressure adjustment knob (typically on top of the platen) to set the appropriate pressure for your item and transfer material. A firm, even pressure is usually required.
5. **Position Item:** Place your item (e.g., T-shirt, mug) on the lower platen or attachment. Position the transfer paper or vinyl face down onto the item.
6. **Press:** Swing the heating platen over the item and firmly press the handle down to engage the press. The timer will start automatically.
7. **Remove Item:** Once the timer alarms, lift the handle to release the pressure and swing the heating platen away. Carefully remove the transferred item.

HOW TO CONTROL & ADJUST

Precise control of time and temperature ensures perfect color



Figure 6.1: How to control and adjust the heat press settings.

6.2. Specific Applications

Ensure the correct attachment is installed for each application.

- **T-shirt/Fabric Pressing:** Use the 15"x15" flat platen. Place a Teflon sheet inside the garment to prevent bleed-through and another on top of the transfer.
- **Mug/Tumbler Pressing:** Use the appropriate mug or tumbler attachment. Ensure the mug/tumbler fits snugly within the heating element. For the 30oz tumbler press, it can accommodate two 11oz or 15oz mugs simultaneously.
- **Hat/Cap Pressing:** Use the curved hat press attachment. Position the hat securely on the lower curved platen.
- **Plate Pressing:** Use the 6" or 8" plate press attachment. Ensure the plate is centered and stable before pressing.

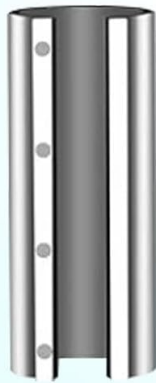
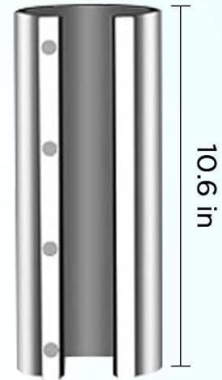
30 OZ TUMBLERS PRESS ATTACHMENT

Can heat transfer two 11oz or 15oz mugs at the same time



Max Length
10.6 in

Adjustable
Diameter Ranges
2.8-3.5 inch



Tumbler



18 Oz



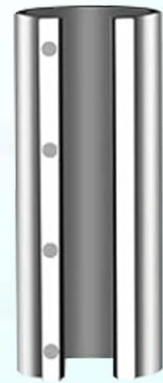
20 Oz



30 Oz



2 pcs 11 Oz or 15 Oz



mugs

Figure 6.2: Details of the 30 oz tumbler press attachment.



Figure 6.3: Example of T-shirt pressing.



Figure 6.4: Example of mug pressing.



Figure 6.5: Example of plate pressing.

7. MAINTENANCE

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

- **Cleaning the Platen:** After each use, especially if any residue is present, wipe the Teflon-coated heating platen with a soft, damp cloth when the machine is cool. Do not use abrasive cleaners or sharp objects.
- **General Cleaning:** Periodically wipe down the exterior of the machine with a dry or slightly damp cloth.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.

- **Inspection:** Regularly inspect the power cord and all connections for any signs of wear or damage.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Machine does not power on	No power supply; Power switch off; Damaged power cord	Check power outlet; Ensure power switch is ON; Inspect and replace power cord if damaged.
Uneven heating or poor transfer results	Incorrect temperature/time settings; Uneven pressure; Heating element issue	Verify settings; Adjust pressure knob for even contact; Contact support if heating element is faulty.
Transfer material sticking to platen	No Teflon sheet used; Too high temperature	Always use Teflon sheets; Reduce temperature if necessary.
Machine beeps continuously	Timer completed; Over-temperature warning	This is normal when the timer finishes. If it's an over-temp warning, power off and allow to cool.

9. SPECIFICATIONS

Parameter	Value
Model Number	15"x15" 8in 1 combo
Platen Size	15" x 15" (38x38cm)
Hat/Cap Press Size	5.5" x 3" (14x8cm)
Tumbler Press Capacity	30 oz (Max Length 10.6 in, Adjustable Diameter 2.65-3.4 in)
Mug Press Capacities	9 oz, 12 oz, 17 oz latte mugs
Plate Press Sizes	6" max diameter, 8" max diameter
Voltage	110 V
Power	1400 W
Temperature Range	200-482°F (95-250°C)
Timer Range	0-999 seconds
Product Dimensions	15 x 15 x 20 inches
Item Weight	45.2 pounds
Material	Aluminum, Metal, Plastic
Color	Blue
UPC	661954044627

10. WARRANTY AND SUPPORT

AKEYDIY is committed to providing quality products and customer satisfaction. We offer professional repair service and 24-hour sales support for our products. If you encounter any issues or require assistance, please contact AKEYDIY customer service for prompt support.

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