

Happybuy SJY-H12151M

Happybuy Heat Press Machine SJY-H12151M User Manual

Model: SJY-H12151M

INTRODUCTION

Thank you for choosing the Happybuy 12x15 inch 5-in-1 Heat Press Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your heat press. Please read this manual thoroughly before using the machine to ensure proper function and to prevent injury or damage. This versatile heat press is designed for transferring designs onto various materials, including T-shirts, mugs, hats, pillowcases, and ceramic plates. Its features include a 360° swing-away arm, a pull-out design for enhanced safety, precise digital temperature and time control, and dual insulation technology for stable and safe operation.

SAFETY INSTRUCTIONS

- Always operate the machine on a stable, heat-resistant surface.
- Keep hands and fingers clear of the heating plate during operation to prevent burns. The machine features a 360° swing-away arm and pull-out design to facilitate safe placement and removal of items.
- Ensure proper ventilation in the work area, especially when working with heat transfer materials that may emit fumes.
- Do not touch the heating plate immediately after use, as it remains hot for a period. Allow it to cool down completely before cleaning or storing.
- Unplug the machine from the power outlet when not in use or before performing any maintenance or cleaning.
- Do not immerse the machine or its electrical components in water or other liquids.
- Keep children and pets away from the heat press during operation.
- Use only approved accessories and attachments with this machine.
- If any unusual noise, smell, or malfunction occurs, immediately turn off and unplug the machine and contact customer support.

PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged.

- Main Heat Press Unit (with flat platen)
- Tumbler Press Attachment (30 oz, capable of pressing two mugs)
- Hat Press Attachment
- Plate Press Attachments (8" and 10" sizes)
- Power Cord
- User Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the main components of your Happybuy Heat Press Machine.



Image 1: Overview of the Happybuy 5-in-1 Heat Press Machine, showcasing the main unit, tumbler press, hat press, and plate press

attachments. The machine is pink with black handles and a digital control panel.

12x15 LARGE HEAT PLATE

Satisfy your various needs



**ADJUSTABLE
PRESSURE**



**2-LAYER
INSULATION COTTON**



DIGITAL DISPLAY
0-999s/0°F-480°F/0-250°C

AUTO SHUT-OFF
After 30 minutes of inactivity



Image 2: Close-up view of the heat press features, including the digital display for temperature and time, the adjustable pressure knob, and the 12x15 inch large heat plate. This image also highlights the 2-layer insulation cotton and the auto shut-off function.

DUAL-TUBE HEATING

Fast & Even & Save Time - Better Printing Effect

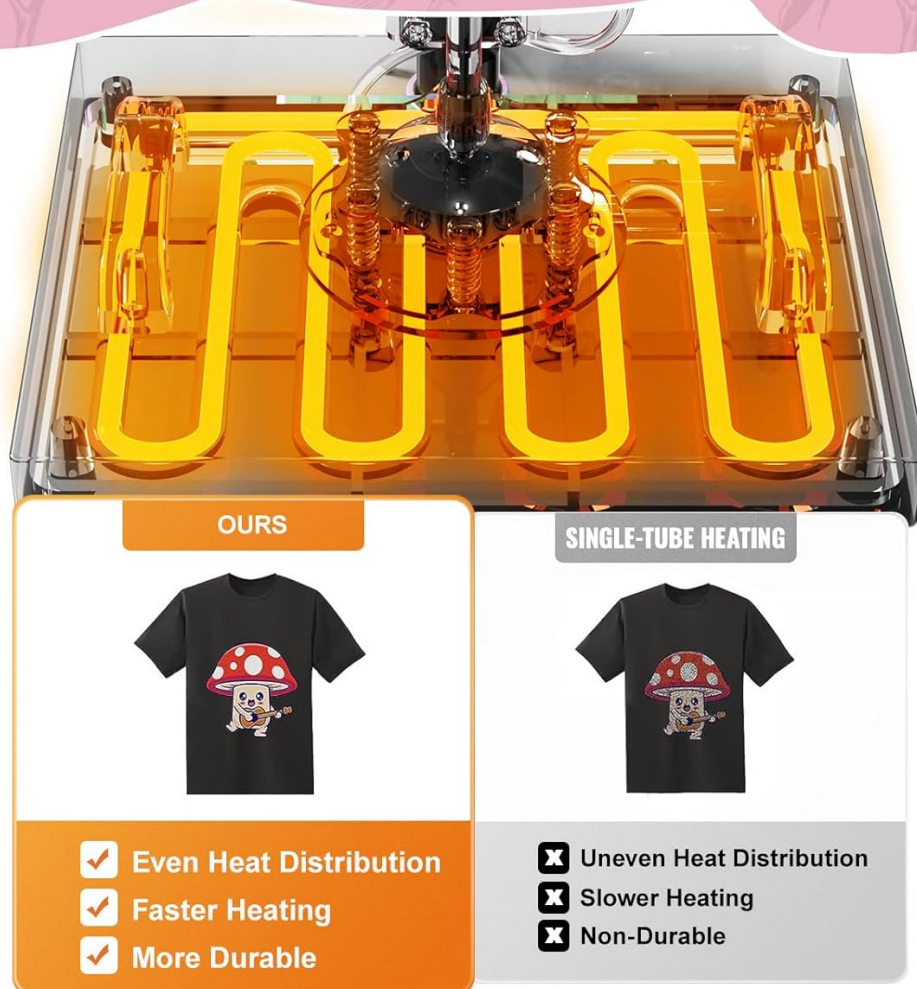


Image 3: Illustration demonstrating the dual-tube heating technology used in this heat press, which provides even heat distribution, faster heating, and increased durability compared to single-tube heating systems.

SETUP

- 1. Unpacking:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
- 2. Placement:** 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 ventilation.
- 3. Attachment Installation:**
 - a. For the flat platen (T-shirt press), ensure it is securely attached to the main unit.
 - b. To install other attachments (tumbler, hat, plate press), carefully remove the existing platen if necessary and attach the desired accessory according to its specific mounting mechanism. Ensure all connections are firm.
- 4. Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the power switch on the machine is in the "OFF" position before plugging it in.

5. **Initial Inspection:** Before first use, visually inspect all cables and connections for any signs of damage.

OPERATING INSTRUCTIONS

This section outlines the general operating procedures. Specific temperature and time settings will vary based on the material and transfer type. Always refer to the transfer material manufacturer's recommendations.

Digital Control Panel Operation:

- **Power On:** Flip the main power switch to the "ON" position. The digital display will illuminate.
- **Setting Temperature:** Press the "SET" button. Use the up/down arrows to adjust the desired temperature (32-480°F / 0-250°C). Press "SET" again to confirm.
- **Setting Time:** After setting temperature, press "SET" again to enter time setting mode. Use the up/down arrows to adjust the desired time (0-999 seconds). Press "SET" to confirm and exit.
- **Temperature Unit Switch:** The machine allows switching between Celsius and Fahrenheit. Refer to the specific button on your control panel for this function (often indicated by a °C/°F symbol or a dedicated button).
- **Heating:** The machine will begin heating to the set temperature. An audible alert will sound when the target temperature is reached.

A. T-Shirt / Flat Item Pressing



Image 4: The Happybuy heat press demonstrating its slide-out drawer design, which allows for easier and safer placement of T-shirts and other flat items onto the platen, reducing the risk of burns. The 360° swing-away arm is also visible.

1. Ensure the flat platen attachment is installed.
2. Set the desired temperature and time on the digital control panel.
3. Adjust the pressure knob to achieve appropriate pressure for your material. A test press on a scrap piece of fabric is recommended.
4. Swing the heating element away using the 360° swing-away arm.
5. Pull out the lower platen using the pull-out drawer handle.
6. Place your T-shirt or flat item onto the lower platen. Position your transfer design.
7. Push the lower platen back into position.
8. Swing the heating element back over the item.
9. Lower the handle to engage the press. The timer will start automatically.
10. When the timer alerts, lift the handle, swing the heating element away, and pull out the lower platen to safely remove your item.



Image 5: The 30oz tumbler press attachment, designed to accommodate two 11 oz or 15 oz mugs simultaneously. Examples of stainless steel, glass, and ceramic mugs are shown, indicating the versatility of this attachment.

1. Install the tumbler press attachment.
2. Set the desired temperature and time.
3. Place your mug or tumbler with the transfer design into the press. Ensure it fits snugly. The upgraded 30oz tumbler press can handle two mugs at a time.
4. Close the press handle. The timer will begin.
5. When the timer alerts, open the press and carefully remove the hot mug/tumbler using heat-resistant gloves.

C. Hat Pressing

1. Install the hat press attachment.
2. Set the desired temperature and time.
3. Place the hat onto the curved platen, ensuring the area to be pressed is flat and centered. Position your transfer design.

4. Close the press handle. The timer will begin.
5. When the timer alerts, open the press and carefully remove the hat.

D. Plate Pressing

1. Install the appropriate plate press attachment (8" or 10").
2. Set the desired temperature and time.
3. Place the plate onto the platen, ensuring it is centered. Position your transfer design.
4. Close the press handle. The timer will begin.
5. When the timer alerts, open the press and carefully remove the hot plate using heat-resistant gloves.

TEMPERATURE AND TIME SETTINGS

The optimal temperature and time settings are crucial for successful heat transfers and depend heavily on the specific transfer material (e.g., vinyl, sublimation paper) and the substrate (e.g., cotton, polyester, ceramic). Always consult the manufacturer's instructions for your transfer materials.

General Range:

- **Temperature:** 32-480°F (0-250°C)
- **Time:** 0-999 seconds

It is recommended to perform test presses on scrap materials to fine-tune your settings before working on final products.

MAINTENANCE

- **Cleaning:** Ensure the machine is unplugged and completely cool before cleaning. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Heating Plate:** For the heating plate, use a non-abrasive cloth and a mild cleaner if necessary. Avoid scratching the surface.
- **Silicone Pad/Teflon Sheet:** Regularly inspect and clean the silicone pad and Teflon sheet (if used) for any residue. Replace if damaged or excessively worn.
- **Storage:** Store the heat press in a clean, dry environment when not in use.
- **Lubrication:** Periodically check moving parts for smooth operation. Light lubrication may be applied to pivot points if needed, following manufacturer guidelines for appropriate lubricants.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not securely plugged in; power switch off; power outlet malfunction.	Check power cord connection; ensure power switch is ON; test outlet with another device.
Temperature not reaching set value.	Incorrect temperature setting; faulty heating element.	Verify temperature setting; allow more time for heating; contact support if issue persists.

Problem	Possible Cause	Solution
Transfer not adhering properly.	Insufficient temperature; insufficient pressure; incorrect time; wrong transfer material.	Increase temperature/time; adjust pressure knob; ensure correct transfer material for substrate; perform test presses.
Transfer appears faded or burnt.	Excessive temperature; excessive time.	Decrease temperature/time; perform test presses.
Uneven heating.	Faulty heating element; uneven pressure.	Ensure pressure is evenly distributed; contact support if heating element is suspected.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Happybuy customer support for assistance.

SPECIFICATIONS



30oz tumbler press Hat Press 6x3inch

8''/10''Sponge Plate Press

18.1 inch / 460 mm

17.3 inch / 440 mm

15.4 inch / 390 mm

Item Model Number: **SJY-H12151M** Power: **1150W(US) / 1050W(AU/EU)**

Heat Plate Size: **12 x 15 in / 300 x 380 mm** Temperature Range: **32-480°F/0-250°C**

Color: **Pink** Time Range: **0-999s** Main Materials: **Sheet Metal, Aluminum Alloy**

Net Weight (including all accessories): **34.8 lbs / 15.8 kg**

Product Dimensions (LxWxH): **17.3 × 15.4 × 18.1 in / 440 × 390 × 460 mm**

Image 6: Diagram illustrating the physical dimensions of the Happybuy heat press machine and listing key specifications such as model number, heat plate size, power, temperature range, time range, materials, net weight, and product dimensions.

Feature	Detail
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Feature	Detail
Model Number	SJY-H12151M
Heat Plate Size	12 x 15 inches (300 x 380 mm)
Power (US)	1150W
Power (AU/EU)	1050W
Temperature Range	32-480°F (0-250°C)
Time Range	0-999 seconds
Main Materials	Sheet Metal, Aluminum Alloy
Net Weight (with accessories)	34.8 lbs (15.8 kg)
Product Dimensions (LxWxH)	17.3 x 15.4 x 18.1 inches (440 x 390 x 460 mm)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Happybuy website. If you require technical assistance or have questions regarding the operation or maintenance of your heat press machine, please contact Happybuy customer service.

Manufacturer: Happybuy