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> ColorSub 12x15 5-in-1 Digital Industrial Sublimation Heat Press Machine User Manual

ColorSub 12x15

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Model: 12x15 | Brand: ColorSub

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your ColorSub 12x15 5-in-1 Digital Industrial Sublimation Heat Press Machine. This versatile machine is designed for various heat transfer projects, including T-shirts, tumblers, plates, and hats. Please read this manual thoroughly before initial use and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or personal injury.

- Always connect the machine to a grounded power outlet with the correct voltage (110 Volts).
- Do not operate the machine with wet hands or in damp conditions.
- Keep hands and clothing clear of the heating elements during operation. The heating plate can reach temperatures up to 700°F (371°C).
- Use heat-resistant gloves when handling hot items or changing attachments.
- Ensure the machine is placed on a stable, heat-resistant surface.
- Unplug the machine from the power outlet when not in use or before cleaning and maintenance.
- Do not leave the machine unattended during operation.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Main Heat Press Unit (12"x15" Platen Press)

- Mug Press Attachment
- Hat/Cap Press Attachment
- Plate Press Attachments (2 sizes: 4.9" and 6.1")
- 30oz Tumbler Press Attachment
- Power Cord
- User Manual (this document)

4. PRODUCT OVERVIEW

The ColorSub 5-in-1 Heat Press Machine is designed for versatility and ease of use, featuring a 360-degree swing-away design for safe operation and a Teflon-coated heating plate for even heat distribution.

MULTIPLE FUNCTIONS

Unlimited creative possibilities




| | | | |
|---|---|--|---|
|  |  |  |  |
| Platen Press | Tumbler Press | Plate Press | Hat Press |
|  |  |  |  |
| T Shirts | Mugs | Plates | Hats |

Figure 4.1: Main Heat Press Unit with all included attachments.

TEFLON COATED HEATING PLATE

Heating up quickly



Silicone & Sponge Pad

- ✓ Prevent burning and damaged
- ✓ Withstand up to 750°F/400°C

Figure 4.2: Teflon-coated heating plate for quick and even heating, accompanied by silicone and sponge pads to prevent burning and damage, withstanding up to 750°F/400°C.

360° ROTATION DESIGN

Rotating design for easy operation



Figure 4.3: The 360-degree rotation design allows for easy and safe operation, moving the heating element away from the working area.

5. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Placement:** Place the main heat press unit on a sturdy, flat, and heat-resistant surface. Ensure adequate clearance around the machine for safe operation and heat dissipation.
3. **Power Connection:** Connect the power cord to the machine and then to a grounded 110V AC power outlet.
4. **Attaching Accessories:** To attach different press accessories (mug, hat, plate, tumbler), align the accessory's mounting points with the corresponding slots on the main unit's swing arm. Secure them firmly using the provided screws or locking mechanisms. Refer to the specific accessory's instructions for detailed attachment steps.

6. OPERATING INSTRUCTIONS

6.1. Control Panel Overview

The digital control panel allows you to set and monitor temperature and time. It features:

- **TEMP/TIME Display:** Shows current temperature and set time.

- **SET Button:** Used to enter temperature or time setting mode.
- **UP/DOWN Arrows:** Adjust temperature or time values.
- **OK/ENTER Button:** Confirms settings and starts/pauses the transfer process.
- **Power Switch:** Turns the machine on/off.

6.2. Adjusting Pressure

The pressure knob located on top of the heating element allows you to adjust the pressing force. Turn clockwise to increase pressure and counter-clockwise to decrease pressure. Adjust based on the thickness of your material and transfer type.

6.3. General Operation Steps

1. Power on the machine using the red power switch.
2. Press the 'SET' button to enter temperature setting mode. Use the UP/DOWN arrows to adjust the desired temperature, then press 'SET' again to confirm.
3. Press 'SET' again to enter time setting mode. Use the UP/DOWN arrows to adjust the desired time, then press 'SET' to confirm.
4. The machine will begin heating to the set temperature. An audible alarm will sound when the target temperature is reached.
5. Place your item and transfer design onto the appropriate press attachment.
6. Swing the heating element over the item and press down the handle firmly until it locks. The timer will automatically start counting down.
7. Once the timer reaches zero, an alarm will sound. Release the handle and swing the heating element away.
8. Carefully remove the transferred item using heat-resistant gloves.

6.4. Specific Pressing Instructions

6.4.1. T-Shirt Press (Platen Press)

Use the main 12"x15" flat platen for T-shirts, fabrics, and other flat items.

1. Place the T-shirt flat on the silicone pad.
2. Position your transfer design on the T-shirt.
3. Cover with a Teflon sheet or parchment paper.
4. Lower the heating platen and apply pressure.
5. After the timer, remove the T-shirt.

Your browser does not support the video tag.

Video 6.4.1: Demonstration of using the ColorSub 5-in-1 Heat Press Machine for T-shirt transfers, including setup and application.

6.4.2. Mug Press

Attach the mug press accessory for cylindrical items like mugs and cups.

1. Wrap your transfer design around the mug and secure with heat-resistant tape.
2. Insert the mug into the mug press.
3. Close the clamp to apply pressure.
4. After the timer, carefully remove the hot mug.

6.4.3. Plate Press

Use the appropriate plate press attachment for ceramic plates.

1. Secure your transfer design to the plate with heat-resistant tape.
2. Place the plate onto the plate press attachment.
3. Lower the heating element and apply pressure.
4. After the timer, carefully remove the hot plate.

6.4.4. Hat Press

Attach the hat press accessory for caps and hats.

1. Place the hat onto the curved hat press platen.
2. Position your transfer design on the hat.
3. Lower the heating element and apply pressure.
4. After the timer, remove the hat.

6.4.5. Tumbler Press

Utilize the 30oz tumbler press attachment for sublimation on tumblers.

1. Wrap your transfer design tightly around the tumbler and secure with heat-resistant tape.
2. Insert the tumbler into the tumbler press.
3. Close the clamp to apply even pressure.
4. After the timer, carefully remove the hot tumbler.

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Video 6.4.5: Overview of the ColorSub 5-in-1 Heat Press Machine, showcasing its various functions and attachments for different items.

7. MAINTENANCE

- **Cleaning:** Ensure the machine is unplugged and completely cooled before cleaning. Wipe down the heating platen and other surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the machine in a dry, dust-free environment. Keep all attachments organized and protected from damage.
- **Regular Inspection:** Periodically check all cables, connections, and moving parts for wear or damage.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------|--|--|
| Machine does not power on. | Power cord not connected, power switch off, faulty outlet, blown fuse. | Check power cord connection, ensure switch is on, test outlet, check/replace fuse (refer to safety section). |
| Heating element not heating up. | Temperature not set, heating element malfunction. | Verify temperature settings on the control panel. If issue persists, contact customer support. |
| Uneven heat transfer. | Uneven pressure, worn-out silicone pad, faulty heating element. | Adjust pressure knob for even contact. Inspect and replace silicone pad if necessary. Contact support if heating element is suspected. |

| Problem | Possible Cause | Solution |
|--|---|--|
| Transfer design not adhering properly. | Incorrect temperature/time, insufficient pressure, incorrect transfer material. | Adjust temperature and time according to transfer material manufacturer's recommendations. Increase pressure. Ensure compatible transfer material is used. |

9. SPECIFICATIONS

- **Brand:** ColorSub
- **Model:** 12x15
- **Material:** Iron
- **Color:** 5in1-Teal
- **Product Dimensions (L x W x H):** 16.92" x 14.96" x 14.17"
- **Upper Temperature Rating:** 700 Degrees Fahrenheit (371°C)
- **Voltage:** 110 Volts
- **Wattage:** 1000 watts
- **Recommended Uses:** Bag, Cup, Hat, Mug, Plate, T-Shirt

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official ColorSub website. Keep your purchase receipt as proof of purchase for warranty claims.