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ColorSub CS-15x15 heat press

ColorSub 15x15 Heat Press Machine User Manual

Model: CS-15x15 heat press

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your ColorSub 15x15 Heat Press Machine. Please read this manual thoroughly before initial use and retain it for future reference.



Image: The ColorSub 15x15 Heat Press Machine in Teal. This image shows the overall design and color of the unit.

SAFETY INSTRUCTIONS

To ensure safe operation and prevent injury or damage, observe the following precautions:

- Always operate the heat press on a stable, heat-resistant surface.
- Keep hands and body parts clear of the heating platen during operation. The platen reaches high temperatures.
- Do not touch the heating platen or surrounding areas immediately after use. Allow the machine to cool down completely.
- Ensure proper ventilation in the work area to dissipate heat and any fumes from materials.
- Unplug the machine from the power outlet when not in use or before cleaning and maintenance.
- Do not operate the machine with a damaged power cord or plug.
- Keep children and pets away from the heat press during operation.
- Use appropriate personal protective equipment, such as heat-resistant gloves, when handling hot materials.

PRODUCT COMPONENTS

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

- **Heating Platen:** The upper heated plate that applies heat and pressure.
- **Lower Platen:** The bottom plate where items are placed for transfer. Features an "U Shape Stand" design for threading garments.
- **Pressure Adjustment Knob:** Used to control the pressure applied by the heating platen.
- **LCD Control Panel:** Digital interface for setting temperature and time.
- **Handle:** For opening and closing the heat press.
- **Detachable Sponge Pad:** Provides a stable and even surface for pressing.



Image: A close-up view of the lower platen's U-shape stand, designed to provide ample clearance for threading garments.

TEFLON COATED HEATING PLATE

Heating Up Quickly



Image: Close-up of the Teflon-coated heating plate and the detachable sponge pad. The heating plate heats up quickly and the sponge pad is non-slip.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the heat press from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the machine on a sturdy, level, and heat-resistant surface. Ensure adequate space around the machine for ventilation and safe operation.
3. **Power Connection:** Plug the power cord into a grounded 110V electrical outlet.
4. **Initial Heat-Up (Burn-in):** Before first use, it is recommended to perform a burn-in cycle. Set the temperature to 300°F (150°C) and time to 10 minutes. Allow the machine to heat up and run through the cycle without any materials. Ensure good ventilation during this process.

OPERATING INSTRUCTIONS

Follow these steps for successful heat transfers:

1. **Power On:** Turn on the main power switch, usually located on the side or back of the machine.
2. **Set Temperature:** Use the LCD control panel to set the desired temperature. Press the "SET" button, then use the arrow keys to adjust the temperature (PV). Press "SET" again to confirm. The machine will begin heating up.
3. **Set Time:** After setting the temperature, press "SET" again to adjust the time (SV). Use the arrow keys to set the desired pressing time in seconds. Press "SET" to confirm.
4. **Adjust Pressure:** Rotate the pressure adjustment knob located on top of the heating platen to achieve the desired pressure. Turn clockwise for more pressure, counter-clockwise for less. Test the pressure by closing the platen without a garment.
5. **Prepare Garment:** Place your garment or item onto the lower platen. The "U Shape Stand" design allows for easy threading of T-shirts to prevent pressing both sides simultaneously.
6. **Position Transfer:** Carefully place your heat transfer material (HTV, sublimation paper, DTF) onto the garment in the desired position.
7. **Press:** Once the machine reaches the set temperature, close the heating platen firmly using the handle. The timer will automatically start counting down.
8. **Completion:** When the timer reaches zero, an audible "beep" will sound. Open the heating platen immediately.
9. **Remove Item:** Carefully remove the transferred item. Follow the specific peeling instructions for your transfer material (hot peel, warm peel, or cold peel).



Image: Visual guide illustrating the four main steps of operation: 1. Set pressure, 2. Set time and temperature, 3. Start transfer, 4. Finished product.

Note on Temperature Fluctuation: It is normal for the temperature display to decrease slightly when the heat press is closed and in operation. This occurs as heat transfers into the garment, pad, and lower platen. The machine will maintain the set temperature range.

MAINTENANCE

- **Cleaning the Heating Platen:** Allow the machine to cool completely. Use a soft, damp cloth to wipe down the Teflon-coated heating platen. Avoid abrasive cleaners or tools that could damage the coating.
- **Cleaning the Lower Platen:** The detachable sponge pad can be removed and cleaned as needed. Wipe the lower platen with a damp cloth.
- **General Cleaning:** Wipe the exterior of the machine with a soft, dry cloth to remove dust and debris.
- **Storage:** Store the heat press in a dry, clean environment when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not connected; power switch off; faulty outlet.	Check power cord connection; ensure power switch is on; test outlet with another device.
Uneven heat transfer.	Uneven pressure; faulty heating element; incorrect temperature setting.	Adjust pressure knob for even pressure; verify temperature with an external thermometer; ensure correct temperature setting.
Transfer material not adhering.	Insufficient temperature; insufficient time; insufficient pressure; incorrect peeling method.	Increase temperature or time; increase pressure; follow specific peeling instructions for your material.
Garment scorching or burning.	Excessive temperature; excessive time.	Reduce temperature or time settings. Use a Teflon sheet or parchment paper for protection.
Top plate is loose/wobbly.	This is a normal design feature to allow for adjustable space and maintain parallelism for even pressure.	No action required; this is part of the design for even pressure distribution.

SPECIFICATIONS

Model: CS-15x15 heat press

Brand: ColorSub

Platen Size: 15 x 15 inches (38 x 38 cm)

Voltage: 110 Volts

Wattage: 1222 Watts

Upper Temperature Rating: Up to 350°C (662°F) - *Note: Actual working temperatures for most transfers are lower.*

Product Dimensions: 25"L x 17.9"W x 14.6"H (63.5 cm L x 45.5 cm W x 37.1 cm H)

Item Weight: 39.4 pounds (17.87 kg)

Material: Iron

Color: Teal

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact ColorSub customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can also visit the official ColorSub store on Amazon for additional product information and support: [ColorSub Amazon Store](#)



