HeatPress Nation .com

# CRAFT PRO

THE HEAT PRESS FOR THE CRAFTER IN ALL OF US

# USER'S GUIDE

# THE BEST TRANSFER MATERIAL BRANDS FOR YOUR NEW CRAFT PRO

Siser Thermo Transfers for Textiles

Siser Easyweed Heat Transfer Vinyl is an easy to use material that is ready to cut and allows you to weed out your designs with ease.

PAROPY image trans

Paropy Heat Transfer Paper is widely known as the premier brand in quality heat transfer paper.

NEENAH

Neenah Paper has been an industry leader in the creation, development, and improvement of heat transfer products since their first patent was granted in 1980.

ThermoFlex®

ThermoFlex by Specialty Materials is a durable polyurethane based heat transfer vinyl that is ready for all of your creative needs.

FOREVER® DIGITAL TRANSFER APPLICATIONS TECHNOLOGY

With Forever, you can produce self weeding designs without the need for a special toner. This makes your job easier by eliminating a tedious task.

SAWGRASS

Sawgrass is the go to brand for your sublimation printer and ink needs. They have been leading the industry for many years with their products.


CALL US: (800)215-0894

WEEKDAYS 7:00AM-5:00PM PT

WWW.HEATPRESSNATION.COM

# CONTENTS

# GETTING STARTED

Thank you for purchasing a Heat Press Nation Craft Pro! Before you get started, it is important you understand the following.

Welcome to the world of heat pressing! This is an exciting time to get started, as there are many different types of unique transfers available. Transfers include media such as heat transfer paper, heat transfer vinyl, sublimation, plastisol, rhinestones, and many more. This instruction manual will help you become a professional with your new heat press.

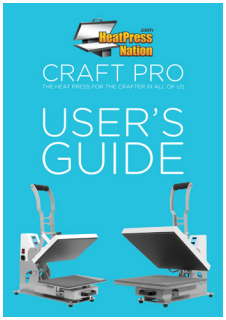
# INCLUDED IN THE BOX

A. Craft Pro

B. Removable Silicone Pad

C. User's Guide

A.




C.

B.

Call (800)215-0894 if any parts are missing

# CAUTION

TURN OFF AND UNPLUG MACHINE WHEN NOT IN USE

## REMOVING THE MACHINE OUT OF THE BOX

- Heat presses can weigh up to 140 lbs or more. Please use caution when lifting these machines out of the box. Ask for assistance, employ proper lifting technique by lifting with your legs. Do not arch or hyper-extend your back, as it can lead to serious injuries. Do not arch or hyperextend your back as it can lead to serious injuries.

## INSPECT THE MACHINE FOR ANY DAMAGES OR MISSING PARTS

- Inspect the entire machine for any damages that may have occurred in transit. Ensure the arm structure does not have any cracks and the joints are properly secured. There should not be any internal wires exposed. If you see any concerning issues, please contact us right away.

## OPERATE ON A STABLE LOCATION

- Be sure the machine is placed on a sturdy, even surface. If you are using a cart or stand, make sure the legs are properly secured with no damage. Plastic tables aren't recommended as the machine can dent through the surface over time.

## REMOVE ALL LIQUIDS FROM WORKING AREA

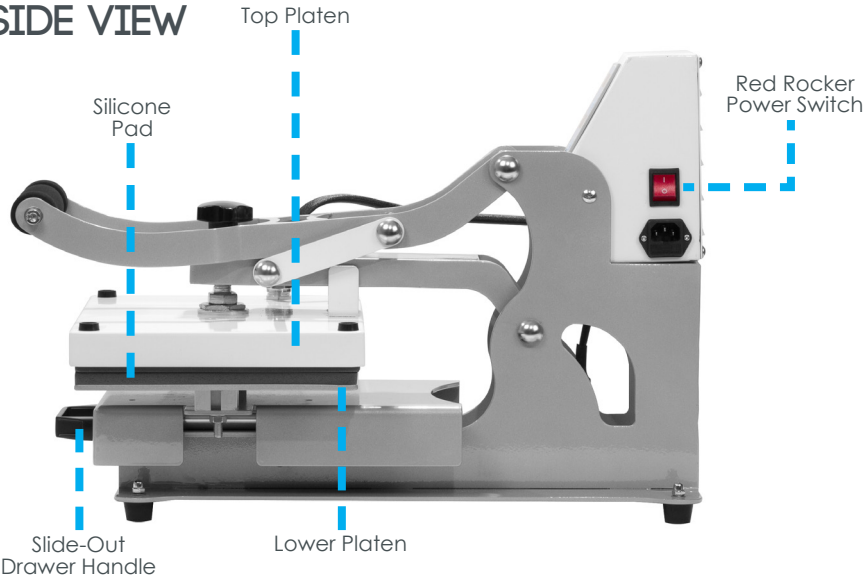
- Do not operate the machine with any liquids or chemicals nearby that could potentially spill onto the machine. This would create a high risk of electrical shock or fire.

## PLUG THE MACHINE INTO A DIRECT ELECTRICAL OUTLET

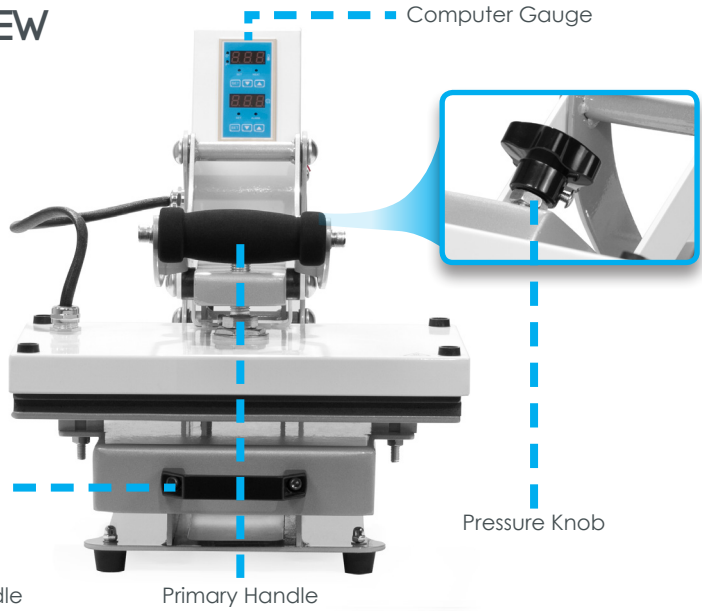
- It is highly recommended to keep the machine plugged into its own isolated circuit, as it could potentially overload the breaker. If you do plan on using an extension cord, make sure it is rated for at least 20 amps, which is a 10 gauge cord or thicker. If you plan on using a surge protector or power strip, make sure the specifications will support your machine. Using an insufficient power strip or surge protector can stall your heat press from reaching its desired temperature.

# CLAMSHELL MODEL

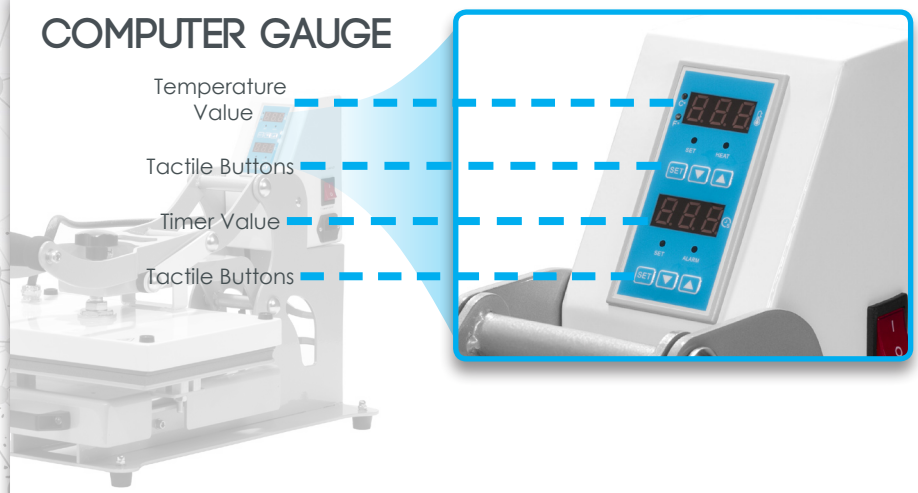
## SIDE VIEW



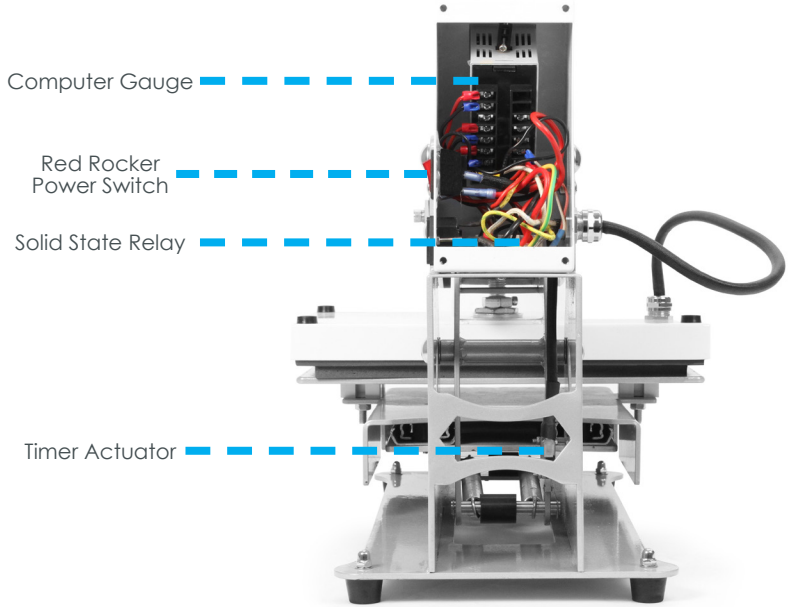

## FRONT VIEW



## COMPUTER GAUGE

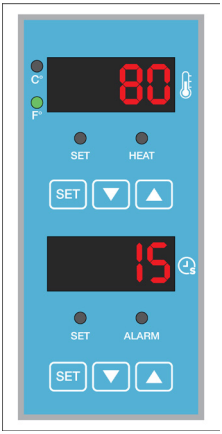



## INTERNALS



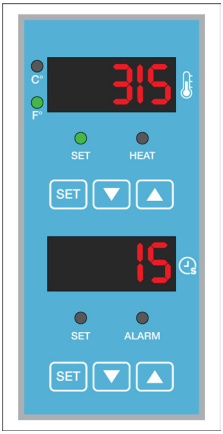
# GAUGE

1



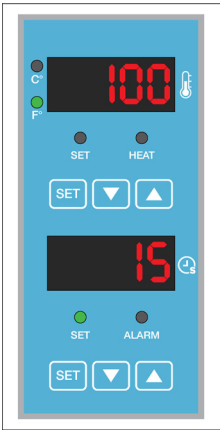

Turn on the heat press and allow for it to boot up. The display will turn ON as shown above when done. The heat press must remain open to continue with configuration.

2



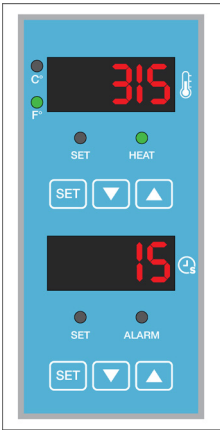

Press the top "SET" button to set the temperature. The "SET" LED will light up green. Use the "▼" or "▲" arrow keys to select desired temperature. Press "SET" when done.

3



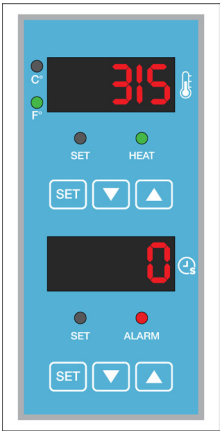

Press the bottom "SET" button to set the timer. The SET LED will light up green. Use the "▲" or "▼" arrow keys to select desired timer. Press "SET" when done.

4




Allow some time for the heat press to reach your desired temperature. The top display will show the current temperature. The "HEAT" LED will flash GREEN when ready.

5




The Timer will countdown when the machine is closed. You will hear a beep when the timer has run out. The "ALARM" LED will also light up RED when done.

# BEFORE YOU START

## TIME, TEMPERATURE, AND PRESSURE

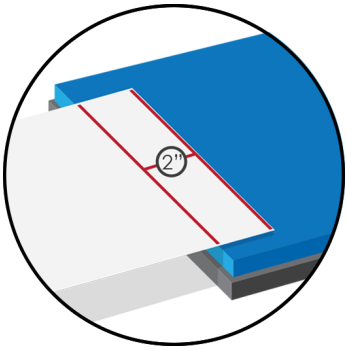
Time, temperature and pressure are the three settings that you will work with during every heat press application. The recommended time, temperature and pressure settings will typically come from the instructions of the heat transfer material that you are working with. However, due to the variety of products that each user works with (heat presses, t-shirt fabric, substrate and transfer material, etc,), we do recommend testing and adjusting these settings to reach an ideal transfer quality for your combination of products.

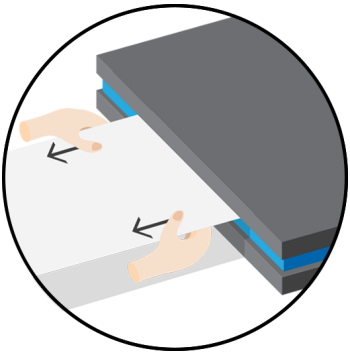
## TESTING PRESSURE BEFORE APPLICATION

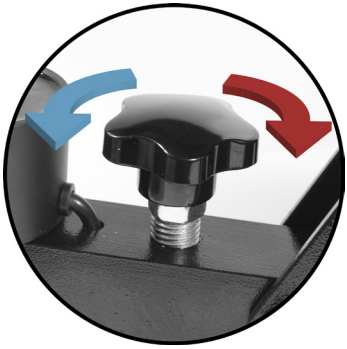
Test the pressure before heat pressing anything. If you are pressing a garment, we would highly recommend performing a simple paper pressure test.

## PERFORMING THE PAPER PRESSURE TEST

1. Take a plain piece of 8.5" x 11" copy paper and insert only 2" of the paper in the front of the machine.
2. Lock your machine down completely and try tugging on the paper on both ends.
3. If the paper slips out, open your machine and start turning the pressure knob clockwise to add more pressure. The rule should always follow as, "righty tighty, lefty loosey."
4. If the paper does not slip out then the pressure is proper.
5. Repeat steps 1 through 4 on the front, left, and right side of the heat press.
6. This is what is considered 50-60 psi or medium to heavy pressure.
7. From here, you may gauge pressure and adjust accordingly to reach light to heavy pressure.





# MATERIAL APPLICATION

## CHOOSE THE RIGHT MATERIALS

There are a variety of heat transfer materials and it is important to know which materials work best on certain fabrics. The list below will help you decide which materials are best for your heat transfer application.

White & Light Colors


Inkjet/Laser Light Transfer Paper, ChromaBlast, Heat Transfer Vinyl, Plastisol, Rhinestones

Black & Dark Colors


Inkjet/Laser Opaque/Dark Transfer Paper, Heat Transfer Vinyl, Plastisol, Rhinestones

## REMOVE MOISTURE AND WRINKLES

Before applying the transfer onto your garment, lower down the heating element for about 5 seconds so it can settle on top of your fabric to remove all the moisture and wrinkles.

## BE WARY OF SEAMS

Seams can cause pressure imbalance which leads to transfers not sticking properly and falling off after a wash. Try to hang the seams

off of the platen when pressing but if you are unable to do so, there are great products we sell such as the Tee Pad It or Sof-Fusion Pressing Pillows that act as a pressure isolator. You will use these cushion pad like products to raise the part you are trying to press so that all the seams, buttons, collars, and zippers will not be pressed.

## ALIGNMENT IS KEY FOR A PROFESSIONAL JOB

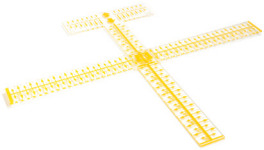
The "Tee Square It" is an alignment tool that is great in helping you align your designs to the proper area of the T-shirt while also keeping it completely straight. Other alignment tools are available on our website to help you have a professional result.

## PROTECT YOUR HEAT PRESS AND TRANSFERS

To prevent staining of your top heat platen or residual ink transfer to your t-shirt or transfer material, we recommend the use of a Pro Grade Non-Stick Sheet or the Pro Grade Non Stick Upper Platen Protector.

## PROTECT YOUR LOWER PLATEN AND INCREASE PRODUCTION

To prevent staining of your lower platen and increase the life of your silicone pad, we recommend the use of the Quick Slip Non-Stick Lower Platen Protector. In addition, the slick surface makes t-shirts slide on and off the machine much faster.



Tee Square

Tee Pad It!



Logo Grid It!

Pro Grade Non-Stick Sheet

All these tools are available at HeatPressNation.com

# MATERIAL GUIDELINES

- HEAT TRANSFER VINYL
- HEAT TRANSFER PAPER
- SUBLIMATION
- RHINESTONE

## HEAT TRANSFER VINYL

| Transfer Material | Temperature | Time | Pressure | Trim | Peel |
|---|---|---|---|---|---|
| Siser Easyweed | 305F/150C | 10-15s | Medium-Firm | No | Hot or Cold |
| Siser Easyweed Extra | 320F/160C | 10s | Light-Medium | No | Hot or Cold |
| Siser Easyweed Stretch | 305F/150C | 10-15s | Medium-Firm | No | Hot or Cold |
| Siser Easyweed Electric | 305F/150C | 15s | Medium | No | Hot or Cold |
| Siser Glitter | 320F/160C | 10-15s | Firm | No | Warm |
| Siser CADFlex | 305F/150C | 10-15s | Medium | No | Cold |
| Siser VideoFlex Glitter | 305F/150C | 10-15s | Medium | No | Cold |
| Siser Metallic | 305F/150C | 10-15s | Medium | No | Cold |
| Siser StripFlock | 320F/160C | 10-15s | Medium | No | Cold |
| Siser ReflectAll | 305F/15v0C | 10-15s | Medium | No | Cold |
| Siser Holographic | 320F/160C | 10-15s | Firm | No | Cold |
| Siser Easyweed Glow | 305F/150C | 2-3s | Medium | No | Hot or Cold |
| Siser Brick | 311F/155C | 5-15s | Medium-Firm | No | Cold |
| Siser ColorPrint Soft | 311F/155C | 10-15s | Medium | No | Warm |
| Siser ColorPrint Sublithin | 265F/130C | 15s | Medium | No | Warm |
| Siser ColorPrint PU | 295F/146C | 15-20s | Medium | No | Hot |
| Siser ColorPrint Glitter | 320F/160C | 15s | Medium | No | Hot |
| Siser ColorPrint Extra | 320F/160C | 10-15s | Light | No | Hot |

These settings are based off of various internal tests. Time and temperature can vary depending on the model of heat press.

# MATERIAL GUIDELINES

## STANDARD HEAT TRANSFER PAPER

| Transfer Paper | Shirt Material | Colors | Temperature | Time | Pressure | Mirror | Trim | Peel |
|---|---|---|---|---|---|---|---|---|
| Paropy Ink Jet Light Professional | 100% Cotton, 100% Polyester, Cotton & Poly Blends | White & Light Colors | 350F/175C | 20s | Heavy | Yes | Moderate | Hot |
| Paropy Ink Jet Dark Professional | 100% Cotton, 100% Polyester, Cotton & Poly Blends | Black & Dark Colors | 375F/190C | 25s | Medium | No | Full | Cold |
| Paropy Laser Light | 100% Cotton, 100% Polyester, Cotton & Poly Blends | White & Light Colors | 385F-400F/ 190C-250C | 25-30s | Maximum | Yes | Moderate | Hot |
| Paropy Laser Dark Opaque | 100% Cotton, 100% Polyester, Cotton & Poly Blends | Black & Dark Colors | 350F/175C | 30s | Medium | No | Full | Cold |
| Neenah Jet-Pro SS | 100% Cotton, 100% Polyester, Cotton & Poly Blends | White & Light Colors | 375F/190C | 30s | Heavy | Yes | Moderate | Hot |
| Neenah Jet-Pro Active Wear | Synthetic and Performance Fabric | White & Light Colors | 375F/190C | 20s | Medium | Yes | Moderate | Hot |
| Neenah Jet-Opaque Dark | 100% Cotton, 100% Polyester, Cotton & Poly Blends, Leather | Black & Dark Colors | 350F/175C | 30s | Heavy | No | Full | Cold |
| Neenah 3G Jet-Opaque Dark | 100% Cotton, 100% Polyester, Cotton & Poly Blends, Leather | Black & Dark Colors | 350F/175C | 30s | Medium | No | Full | Cold |
| Neenah Techni-Print EZP | 100% Cotton, 100% Polyester, Cotton & Poly Blends, Leather | White & Light Colors | 375F/190C | 25s | Heavy | Yes | Moderate | Hot |
| Neenah Laser-One Opaque | 100% Cotton, 100% Polyester, Cotton & Poly Blends, Leather, Nylon, Wood Veneer, Magnets | Black & Dark Colors | 350F/175C | 30s | Medium | No | Full | Cold |

## SELF WEEDING HEAT TRANSFER PAPER

| Transfer Paper | Shirt Material | Colors | Step 1 Temperature & Time | Step 2 Temperature & Time | Pressure | Mirror |
|---|---|---|---|---|---|---|
| Neenah Image Clip Laser Light | 100% Cotton, 100% Polyester, Cotton & Poly Blends | White & Light Colors | 210F/99C @ 20 sec. Peel Hot | 375F/190C 30 sec. Peel Hot | Heavy | Yes |
| Neenah Image Clip Laser Dark | 100% Cotton, 100% Polyester, Cotton & Poly Blends, Leather | Black & Dark Colors | 250F/121C @ 25 sec. Peel Hot | 375F/190C 25 sec. Peel Cold | Heavy | Yes |
| Forever Laser Light Weedless | 100% Cotton, 100% Polyester, Cotton & Poly Blends | White & Light Colors | N/A | 356F/180C 30 sec. Peel Warm | Medium | Yes |
| Forever Laser-Dark (No-Cut) LowTemp | 100% Cotton, 100% Polyester, Cotton & Poly Blends | Black & Dark Colors | 320F/160C @ 90-120 sec. Peel Hot | 300F-320F/150C-160C. Peel Cold | Medium | Yes |

These settings are based off of various internal tests. Time and temperature can vary depending on the model of heat press.

# MATERIAL GUIDELINES

## COMMON SUBLIMATION BLANKS

| Substrate | Temperature | Time | Pressure |
|---|---|---|---|
| 100% Polyester | 375F-385F | 45-60 sec. | Light |
| Ceramic Mugs | 360F-385F | 180-240 sec. | Heavy |
| Ceramic Tiles | 400F | 4-5 min. | Medium |
| Hardboard Tiles | 400F | 35-40 sec. | Medium |
| Fabric Coasters | 400F | 30 sec. | Medium |
| Hardboard Coasters | 400F | 30-45 sec. | Medium |
| Award Plaques | 400F | 30-45 sec. | Medium |
| Chromaluxe Panels | 400F | 90-120 sec. | Medium |
| Mouse Pads | 400F | 30 sec. | Medium |
| Phone Case Metal Inserts | 400F | 45-60 sec. | Medium |
| Ceramic Plates | 360F | 120 sec. | Medium |
| Metal Tags/Badge | 400F | 30-45 sec. | Medium |
| Magnets | 400F | 30-45 sec. | Medium |
| Ceramic Ornament | 400F | 120 sec. | Medium |
| Unisub Ornaments | 400F | 30-45 sec. | Medium |
| Metal Water Bottles | 360F | 60-90 sec. | Light/Medium |

These settings are based off of various internal tests. Time and temperature can vary depending on the model of heat press.

# MATERIAL GUIDELINES

## RHINESTONE

| Transfer Material | Temperature | Time | Pressure |
|---|---|---|---|
| Bella Machine Cut 6SS | 320F/160C | 15s | Medium |
| Bella Machine Cut 10SS | 320F/160C | 15s | Medium |
| Bella Machine Cut 16SS | 320F/160C | 15s | Medium |
| Bella Machine Cut 20SS | 320F/160C | 15s | Medium |
| Bella Machine Cut 30SS | 320F/160C | 15s | Medium |
| Bella Machine Cut 34SS | 320F/160C | 15s | Medium |
| Silhouette Assorted Rhinestones 10ss | 325F/163C | 10-15s | Firm |
| Silhouette Assorted Rhinestones 16ss | 325F/163C | 10-15s | Firm |

These settings are based off of various internal tests. Time and temperature can vary depending on the model of heat press.

Siser® Thermo Transfers for Textiles

ThermoFlex

NEENAH

FOREVER® DIGITAL TRANSFER APPLICATIONS TECHNOLOGY

PAROPY™ image trans

unisub®

ChromaLuxe® True to your vision®

Orca Coating Mugs

Bella M/C Machine Cut

SWITCHCASE™

silhouette

# TROUBLESHOOTING

| Transfer Material | Solution | Tools Required | Time |
|---|---|---|---|
| **Machine does not turn on or shuts off during use.**<br><br>If your machine doesn't turn on, this could either be a loose connection from shipping or your power switch and/or circuit breaker may have tripped during use. | • Check the wires that go into the red rocker switch and the circuit breaker fuse. Make sure they are tightly connected.<br>• If there is no light on the red rocker switch, you will need to replace the switch.<br>• If there is light on the red rocker switch, you will need to replace the circuit breaker fuse. | **Phillips Screw Driver**<br>• To open the back panel.<br><br>**Needle Nose Pliers**<br>• To pull the wire connectors off of the component with ease. Sometimes they are difficult to pull out with your fingers. | 5-10 Minutes |
| **Machine does not heat up**<br><br>If your machine doesn't heat up, the two most common factors would either be the heating element or the solid state relay. You can identify which part it is by doing a simple solid state relay test. | • Locate the solid state relay which has screws labeled 1, 2, 3, and 4. Disconnect and cross the wire from port #1 into port #2. Now you will have both wires connected into port #2 and no wire in port #1.<br>• Once tightly connected, turn on your machine and see if it heats up. If your machine heats up while the wires are crossed, then your heating element is working and the cause of the issue is likely the solid state relay. If it doesn't heat up, then your solid state relay is fine and your heating element will need to be replaced.<br>• Once the solid state relay test is complete, do not operate the machine in this manner and return the moved wire back to its original position. | **Phillips Screw Driver**<br>• To open the back panel.<br><br>• To unscrew and screw the solid state relay port. | 15 Minutes |
| **Timer does not start**<br><br>This machine has a timer actuator switch that engages and disengages every time you close and open your machine. Over time, the metal arm on the switch may be bent to a position that does not allow for solid contact and engagement of the timer. If this is the case, you will need to bend it manually back to the original position. | • Locate the timer actuator switch that is located in the center of the machine behind the pressure rod. This piece is a small plastic component with an aluminum metal arm. You can identify this piece by the black/red color.<br>• Lower down and see if the arm structure to your machine is clicking into the switch. If it is not, when you will need to be the metal arm upwards so that your machine will click into it. | **Phillips Screw Driver**<br>• To open the back panel. | 5-10 Minutes |
| **Continually heats and does not stop**<br><br>This could be an indication that your solid state relay is not shutting off when it has reached the desired temperature. | • Check the wires that go into your solid state relay. Make sure wires on port #1 and port #2 are on their own designated spot. If your wires are crossed from the solid state relay test, you will need to place the wires back to the original spot or else it will continue to heat and not stop<br>• Check the red light on the solid state relay when it reaches your desired temperature. The light should turn off or blink when it reaches the temperature if it is working correctly. If it doesn't turn off, then you will need to replace the solid state relay. | **Phillips Screw Driver**<br>• To open the back panel.<br><br>• To unscrew and screw the solid state relay port | 5 Minutes |
| **Auto Open model does not lock down in place**<br><br>The auto open models are equipped with electro magnets that lock your machine into place when you close down the lid. But sometimes, the pressure level can affect the magnet from working correctly. | • Make sure the pressure is set so that it is firm to close.<br>• If it still doesn't lock in, then you will need to replace the computer gauge. | **N/A** | 1-3 Min |

# TROUBLESHOOTING

| Transfer Material | Solution | Tools Required | Time |
|---|---|---|---|
| **Temperature display shows 000 number**<br><br>This could either be an issue with the computer gauge or heat sensor wire. There is a wire that connects directly from the heating element and into your temperature gauge. If this wire is damaged, loose, or disconnected, your temperature display will show either 000 or HH. | • Start by disconnecting the large green connector behind your computer gauge and connecting it back in. Sometimes if this is slightly loose, you will get that error reading.<br>• If you're facing the temperature gauge directly from behind, the two wires on the bottom right corner are your heat sensor wires. If you route them to the other side, they should go directly into your heating element. Make sure this wire is tightly connected.<br>• Try disconnecting them and reconnecting it just to be sure they're tightly connected.<br>• If problem persists, you will need to replace the heat sensor wire. | **Phillips Screw Driver**<br>• To open the back panel.<br>• To unscrew ans screw the wire for the heat sensor wire | 5 Minutes |
| **Auto Open model does not pop open when it is done counting down**<br><br>All auto open models are supposed to open on their own when the timer has completed counting down. The gas shocks installed are supposed to push your upper platen up very much like the shocks on a car trunk. | • Turn your machine off completely and start by closing down the lid while it is off.<br>• If your machine doesn't pop up, then start increasing the pressure knob to the right until it pops up on its own.<br>• If your are noticing that the machine doesn't pop up even when the pressure is set heavy, then try lifting the handle upwards and see if the platen stays up or if it falls down.<br>• If your platen falls down, then your gas shocks have failed and will need to be replaced. | **N/A** | 1-3 Min |

Notes:

Contact Us!
Product Information & Sales: (800)215-0894 x 1
Order Status & Tracking: (800)215-0894 x 2
Technical Support: (800)215-0894 x 3

# WARRANTY


Heat Press Nation provides a full and complete 1 year parts and service warranty from the original date of purchase. We carry all parts necessary to complete warranty service with the speed and efficiency that your business deserves. Warranty service does not include the cost of freight of the item to or from our facilities. If parts and/or accessories are needed at any time during the warranty period, Heat Press Nation will send them to you at no charge upon receipt of the defective part. Consumable items such as silicone pads are not covered under the 1 year limited warranty. Once the warranty period has ended, parts will be available at market price.

**DO NOT DISCARD BOX. REQUIRED FOR WARRANTY AND RETURNS**
*You may be charged for a new box*