Heat Press
User Manual

USCutter

NEED HELP WITH YOUR NEW HEAT PRESS?
Volcano heat presses are sold and supported in the United States By USCutter.
For sales and support:

(425)481-3555
http://support.uscutter.com
6:15am - 4:45pm PST

Table of Contents

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Thank you for purchasing this heat press from USCutter. The following are important things you need to know before you begin:

- Intended usage of this Heat Press: This heat press is designed to press heat transfer vinyl (HTV), sublimation and transfer papers onto soft garments.

  Do not attempt to set the temperature on this device at higher than 480 degrees Fahrenheit as it will burn out the heating element.

  Also avoid use of this heat press for other activities such as food preparation or extraction of oils from plant materials and other alternative uses.

  Use of this heat press in a manner other than intended will void the warranty, will damage the machine, and may constitute a fire hazard.

- Preserve the shipping carton: Please do not discard or disassemble the carton this heat press came in. It was designed to hold the weight of this machine during shipping.

  Should you need to return the equipment due to warranty or repair, you will need it. Do not attempt to ship this equipment in a different container.

- Follow manufacturer instructions on materials you press: Always use recommended settings from the manufacturer for any material used in this press. Those instructions are usually always available on-line from the material maker.

  Instructions on the most common and recommended materials are enclosed within this documentation.

- Test before you press: We encourage you to always do a test of your fabric and HTV or transfer paper together using a small sample of the materials before you do volume production.

  If possible your test should include actually washing and drying a pressed garment to assure that the media has properly adhered to the garment using the heat and pressure setting you have selected.

- Use extreme care during operation: Please also be careful as you operate the heat press. During operation the platens will get hot enough to do serious injury to you should you touch them, and surrounding metal parts will also reach high temperatures.

  Please educate children and others around this equipment that it is not a toy and can cause severe burns and/or injury if the unit is closed onto fingers or other body parts.

- Electrical Source: This heat press is designed for the North American market and is designed to plug into a standard household 3 prong outlet. (110-120V/60Hz.) Do not attempt to use this press with a two prong electrical cord or otherwise use it without proper grounding.

Heat Press Overview

Pressure Adjust Knob
Adjusts the amount of pressure output from press.

Control Panel
Adjusts the temperature and time settings of heat press.

Open and Close Arm
Opens and closes top platen.

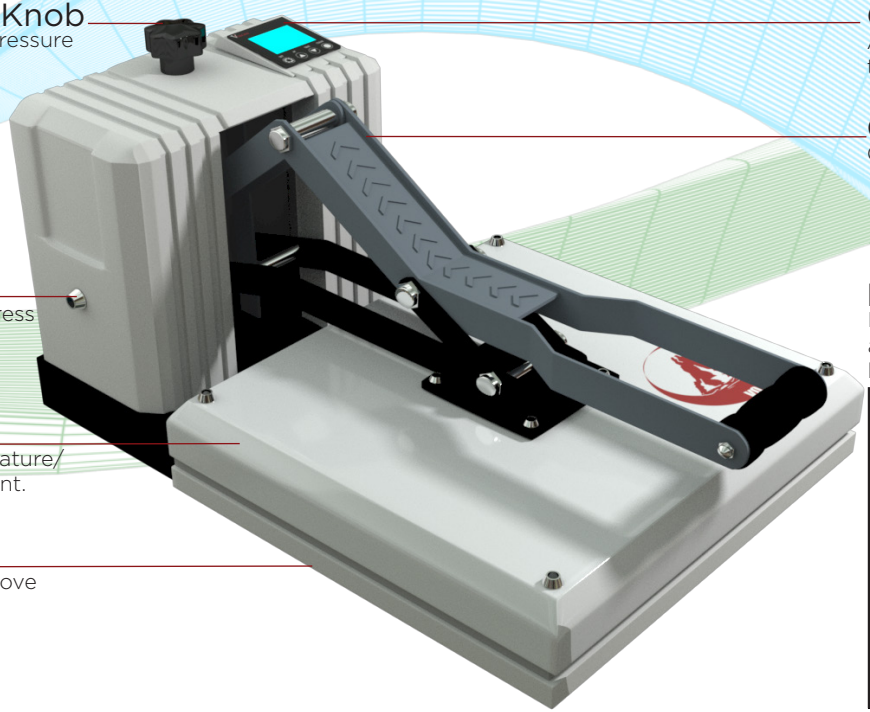
Relay Switch
Relay power to and from shirt press and mug press attachment

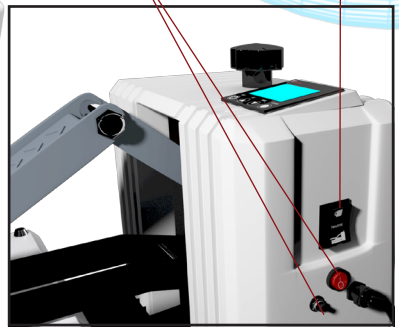
Power Switch/Fuse
Plug power cord into male adapter. Flip switch to power heat press.

Mug Press Port
Where to plug in Mug Press attachement.

Top Platen
Heats to desired temperature/ presses vinyl into garment.
Caution HOT!

Bottom Platen
Where to place and remove garments/H.T.V.
Caution may be HOT!





Control Panel Overview

Display Screen
Displays current press settings.

SET Button
Sets temperature, time, and cycles through Fahrenheit/Celsius.

Adjustment Settings
Adjusts temperature, timer, and Fahrenheit/ Celsius settings.

Clear Settings
Clear Current Screen.

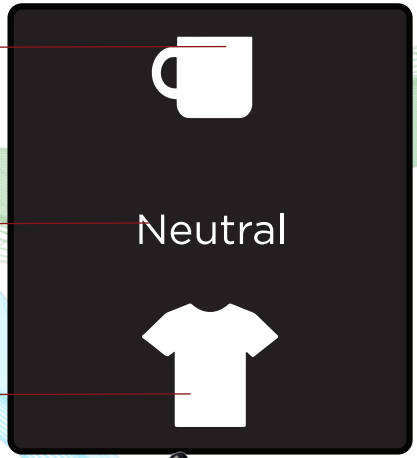
Relay Switch Overview

Mug Press Power
Press this Icon on Relay Switch to divert power to Mug Press Attachment

Neutral Position
Press this Icon on Relay Switch to remove power from the Mug Press Attachment and the Volcano Platens

Volcano Power
Press this Icon on Relay Switch to divet power to the Volcano Heat Press Platens

Mug Press
Attachment sold Separately.



Basic operating instructions:

1. Connect the power cord to the press and a 110 volt outlet. Turn the power switch on. The Display Screen should illuminate.
2. Press SET button. The Display Screen should read P-1. This is where you set the temperature you would like to press with the up and down (Adjustment Setting) arrows then press SET again to save. Keep palet open during the heating process.
3. Once you have the desired temperature input, press the SET button again and the Display Screen should read P-2. This is where you set the time alarm for the press. Press SET again to save. Once you have both time and temperature set up, press the SET button one more time and the Display screen will revert to the current temperature of the press which will eventually settle on whatever you programmed the final temperature to be.
4. To switch between Farenehit and Celsius temperature outputs, press and hold the SET button until the press reads P-3. Use the up and down arrows (Adjustment Settings) to cycle between desired temperature output scales. Press and hold the SET button until Display Screen shows current temperature

How to calibrate the pressure of your new Heat Press:

The innstructions from manufacturers of your heat transfer vinyls and transfer papers will instruct you to use Low, Medium, or High Pressure during the application process. Here's how to calibrate your machine and identify those settings. (Do this while the platens are cold.)

1. Turn the pressure knob counterclockwise a few times to lower pressure on the platens.
2. Place a piece of paper onto the bottom of the platen.
3. Close the clamshell press using the handle.
4. Pull on the paper.
5. If the paper moves at all, turn the knob clockwise and try again.
6. Try again and repeat until the paper doesn't move at all. This is your "Medium" pressure.

From the "Medium" setting, High pressure will be clockwise one to two turns. Low pressure will be counterclockwise one to two turns. The number of turns will depend the thickness of the garment.

Note: Using Medium and High pressure will make it a bit difficult to close the heat press. During the pressing process, the goal is to press the heated material into the fibers of the garment.

How to press Heat Transfer Vinyl (HTV):

1. Use a vinyl cutter to cut your heat transfer vinyl material. Remember, that unless otherwise instructed by the manufacturer, you will want to Mirror the design so that when it cuts it appears backwards. Using Sure Cuts A Lot, this option will appear on your Cut Setting menu as a click-box. With Vinyl Master, you will find the selection for the "MIRROR" option in the Send To Be Cut pop-up window.
2. Weed your design, removing the excess material. Remember to remove any material inside the cavity such as the inside of the letters O and A.
3. Find the appropriate heating instructions for the material you are using either online or in the chart located on the Blue Ox heat press/ this manual, and set your time and temperature according to the manufacturer's recomended settings.
4. Use the Pressure Adjustment Knob on the top of the press to adjust the pressure as recommended.
5. When the heat press reaches it's target temperature, place your garment on the bottom platen so that it is flat and there are no wrinkles in the material. Warning: The Platens will be VERY HOT!
6. Pre-press the garment for 2 to 3 seconds to remove wrinkles and moisture.
7. Position the heat transfer vinyl on the shirt so that the colored vinyl on the liner is touching the shirt. Your design should appear through the liner un-mirrored.
8. Lay a sheet of non-stick paper over the design to keep the top platen clean and avoid scorching the surface of your heat transfer vinyl.
9. Press the material at the time/temperature recommended by the manufacturer.
10. Open the press and remove the non-stick paper. Set it aside as it can be re-used.
11. Peel the liner off the top of the garment based on manufactuerer instructions.

Siser THERMO TRANSFER FOR TEXTILE

COLOR THEORY

Chemica heat transfers for textiles

Your Guide To **Perfect Results** Every Time.

PRODUCT	USED ON	TEMP.	PRESSURE	TIME (IN SECONDS)	PEEL
Siser Easyweed	Cotton, Polyester and Polycotton Blends	305°F 151°C	Medium	10-15	Hot/ Cold
Siser Glitter	Cotton, Polyester and Polycotton blends	320°F 160°C	Firm	10-15	Hot
Siser Glow-In-The-Dark	Leather and Polycotton Blends	305°F 151°C	Medium	10-15	Hot/ Cold
Siser Stretch	Lycra/Spandex & Cotton/Polycotton Blends	305°F 151°C	Med./Firm	15	Hot/ Cold
Siser Electric	Cotton, Polyester and Polycotton Blends	305°F 151°C	Medium	15	Hot/ Cold
Siser Extra	Leather, Siliconed Nylons, Polycotton Blends	320°F 160°C	Light/Med.	10	Hot/ Cold
Siser Perf	Cotton, Polyester and Polycotton Blends	305°F 151°C	Medium	10-15	Hot/ Cold
Siser Metallic	Cotton, Polyester and Polycotton Blends	305°F 151°C	Medium	10-15	Cold
Siser Holographic	Cotton, Polyester and Polycotton Blends	320°F 160°C	Firm	10-15	Cold
Siser StripFlock	Cotton, Polyester and Polycotton Blends	320°F 160°C	Medium	15-20	Cold
Siser Reflect All	Polycotton blends and 100% Polyester	305°F 151°C	Medium	10	Warm
ser Adhesive	Polycotton blends and 100% Polyester	275°F 135°C	Medium	5	Hot/ Cold

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Siser ColorPrint PU	Cotton, Polyester and Polycotton Blends	295°F 146°C	Medium	15-20	Hot
Siser ColorPrint Soft	Cotton, Polyester and Polycotton Blends	311°F 155°C	Medium	10-15	Warm
Siser Foil	Cotton, Polyester and Polycotton Blends	275°F 135°C	Medium	15	Cold
Siser ColorPrint Easy	Cotton, Polyester and Polycotton Blends	300°F 149°C	Medium	15	Warm
Siser ColorPrint Extra	Leather, Siliconed Nylons, Polycotton Blends	320°F 160°C	Light	10-15	Hot
Poli-Flex Turbo/Print	Leather and Polycotton Blends	320°F 160°C	Medium	3	Warm
Poli-Flex Premium	Cotton, Polyester and Polycotton Blends	320°F 160°C	Medium	15-20	Warm
Poli-Flex Image	Cotton, Polyester and Polycotton Blends	320°F 160°C	Medium	25	Warm
Poli-Flex Glitter/ Tubitherm	Cotton, Polyester and Polycotton Blends	320°F 160°C	Medium	15	Warm
Poli-Flex Stretch	Cotton, Polyester and Polycotton Blends	320°F 160°C	Med	15	Warm
Color Theory Glitter	Cotton, Polyester, & Cotton Poly Blend	320°F 160°C	Firm	10-15	Cold
Color Theory Metallic	Cotton, Polyester, & Cotton Poly Blend	320°F 160°C	Firm	10-15	Cold
Color Theory Prism	Polycotton blends and 100% Polyester	305°F 151°C	Medium	10	Warm
Color Theory Sequin	Polycotton blends and 100% Polyester	345°F 160°C	Medium	10	Cold
Color Theory Primary	Cotton, Polyester and Polycotton Blends	295°F 146°C	Medium	15-20	Hot

Your Guide To **Perfect Results** Every Time.

Using your Heat Press to press Transfer Paper:

As with all media you'll use on your heat press, we encourage you to look for the pressing recommendations from the manufacturer of the transfer material on-line if possible. If you can't find specific instructions, the following are general guidelines for your consideration.

Care Instructions:

Wait 25 hours after pressing before washing. Machine wash using mild detergent. Do not use bleach or other aggressive cleaning agents. Turn garment inside out before washing. Do not dry clean. Heavy use of fabric softeners can damage cost HTV and transfer papers.

TRANSFER:	Printer:	GARMENT TEMP.	TIME/Force
Sublimation	Sawgrass, Ricoh	Cotton/400°F	25-30sec. Medium
Ink Paper	Ink Jet Printer	Light/365°F	Light 15sec. Dark 25sec. Medium
Laser Paper	Laser Printer	Light/365°F	Light 15 Dark 25sec. Medium
Trim Free Laser Paper	Laser Printer	Paper A/250°F Paper B/340°F	Paper A 20sec. Paper B 25sec. High
Transfer Vinyls	Cutting Plotter	All/300-320°F	8-10sec. Medium
Plastisol Transfer	Cutting Plotter	All/390°F	15sec. High
Eco-solvent Transfer Paper	Printing & Plotter	All/330°F	15-25sec. High

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When I pressed my HTV, the material would not stick to the garment and/or fell off during washing. How do I fix this?

First double check manufacturer instructions – especially on heat and pressure settings. If you are following them to the letter, increase your pressure. Remember: Pressing isn't just about heating the vinyl – it's about pushing the vinyl into the materials so that the adhesive finds a grip. Increasing the pressure is often the solution.

You might also need to increase your temperature a bit, but try this after you've increased the pressure, and don't up the temperature by more than about 5% over manufacturer instructions.

When I peeled the carrier sheet from my HTV, the color vinyl came up off the garment but the adhesive below it stayed in place. What happened?

You are most likely peeling the material to hot. HTV material like metallic, printed/fashion, and many others are usually recommended for cold peel.

If that's not it, double check the garment you are pressing and make sure it's appropriate for the HTV you are using. If the material has a coating of any kind, you might need to use a special HTV specifically designed for sticking to coated materials. A common example of this is someone trying to heat press HTV onto a water resistant fabric. Using an HTV like Siser Extra will solve the problem.

My transfer paper is sticking to the heated platen. How do I fix this?

We really recommend the use of non-stick paper for most transfer pressings. In the case of the Flex-Soft N0-Cut Fel form Forever Paper use the supplied non-stick paper – not Teflon – which can damage the flex material.

When I transfer, my colors look faded.

You need to increase the amount of time you're pressing and/or increase the heat by 20 degrees.

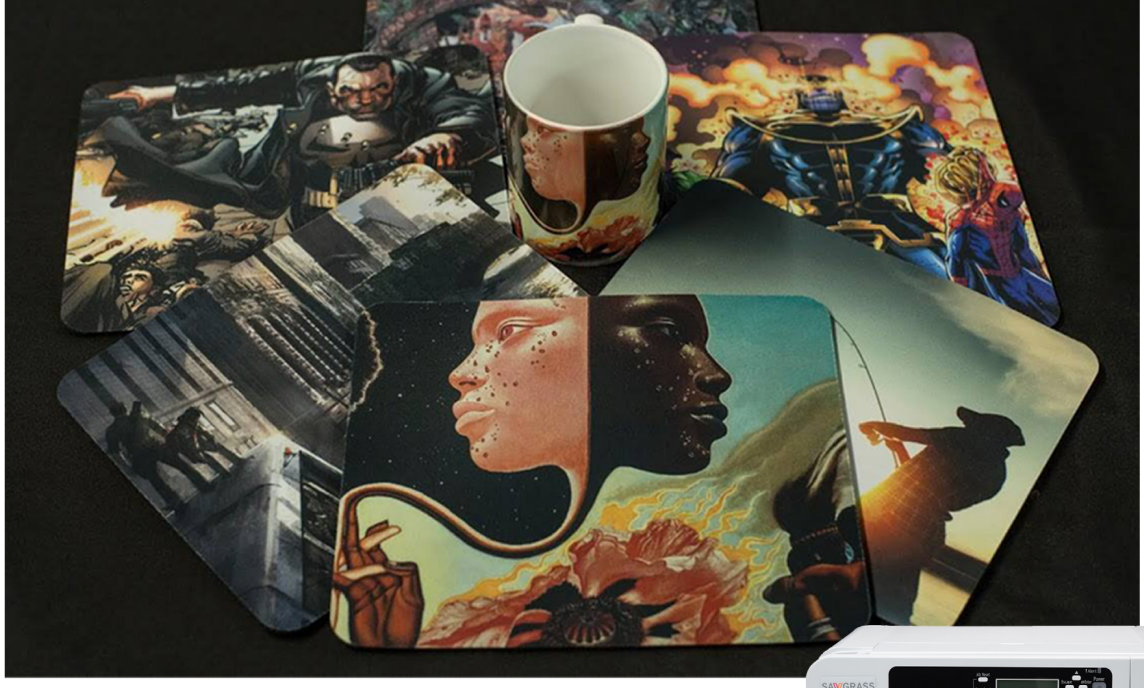
My Heat Press won't heat up.

Heat presses use a lot of energy while they are heating up. It's possible that the energy drain has blown the fuse in the press. The Fuse is a common household fuse available at any hardware store. The fuse housing is on the side of the press and can be accessed with a phillips head screwdriver.

Time/Temperature control panel shows "000"

If you see this, turn the machine off and back on. If that doesn't fix it, please contact our support group as a replacement part might be necessary.

SAWGRASS™



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Heat Transfer Essentials

Heat Press Non-Stick Sheets

Non-Stick sheets protect both heat press and faric during a transfer without obstructing heat flow from the platen. They can also be used to give direct plastisol prints a glossy look and feel. The sheets come in 15” x 15” and 16” x 20” sizes.

Search: “Non-stick”

EZ Off Platen Cleaner

Safely and easily remove residue from your upper heat press platen. Keeping this surface clean not only extends the life of the platen but also stops resude buildup from staining your fabrics. This product will ot pit or sccratch metal surfaes, is non-flammable, and is safe for fabric and skin.

Search: “EZ-Off”

Heat Printing Pillow

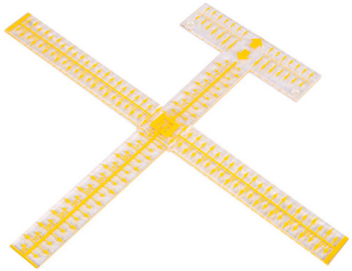
A non-stick heat printing Pillow prevents marks on transfers heat-applied near heavy seams, buttons, or zippers. It provides an even surface and consistent temperature and pressure throughout the transfer. Simply insert the pillow into the garment and adjust the pressure to heat-apply for successful results every time.

Search: “Heat Pillow”

How to Order

Tee Square It

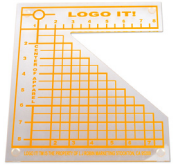
The Tee Square It Transfer Alignment tool helps you align and center your heat transfers quickly and accurately. Although placing transfers on T-shirts may seem simple enough, alignment mistakes can be costly. The Tee Square is easy to use and assemble with it's cleverly designed translucent, ruled horizontal and vertical crossbars at 90° angles.



Search: "Tee Square"

LogoIt

The LogoIt tool is an Essential for any shirt/apparel business. It allows you to effortlessly place your chest design in the same place on every shirt!



Search: "LogoIt"

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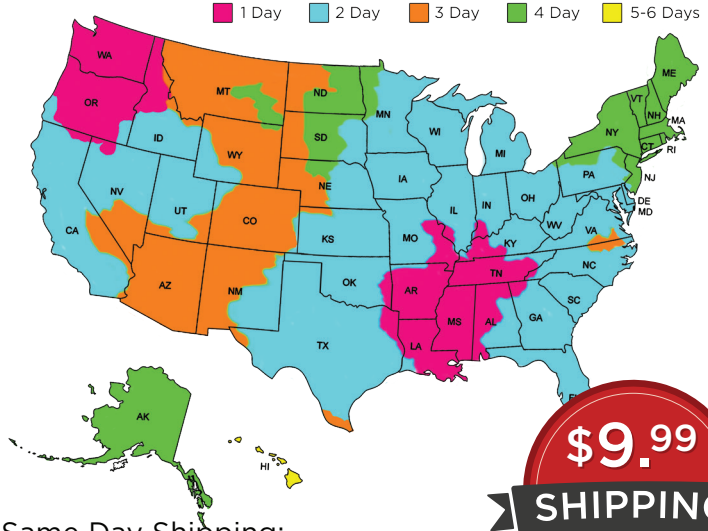

$9.99 SHIPPING

Same Day Shipping:

Entire order ships for only **$9.99***

Due to the weight and special handling required, most equipment will be subject to additional shipping charges. Most wide format printers, laminators, and flatbed cutters require on-site installation from a qualified technician and will require extra charge. Call **425.481.3555 for details.*

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