



Manual Heat Transfer Press

Model: GK100 / GK200 / GK300 / GK202-PT
Operator's Manual

Gecko Heat Press Solutions was founded on the determination to provide an industry of heat transfer enthusiasts with the equipment and accessories needed to get the professional results desired. While staying committed to quality construction and safety, we have expanded our focus to offer more efficient products at a price more affordable than our direct competition. Gecko is the one-stop solution to getting your heat transfer business up and running in no time! Whether you're in it for pleasure or profits, our products are capable of satisfying all users.

As the Gecko brand continues to grow and strengthen its reputation, it remains our priority to maintain a healthy relationship with our customers.

We understand the importance of establishing trust. We make it our responsibility to educate our customers however we can so that our users can produce with confidence. To keep up with competition and the demand in today's markets, we take notice to industry trends in order to remain a valuable player.

We appreciate you choosing Gecko as your provider of heat press solutions. We commit our loyalty to serving your needs in any way possible. Thank you for your support!



The information provided in the Operator's Manual is for the purpose of educating the user on the proper use and maintenance of our machines. Please read through and understand all instructions before attempting to operate each piece of equipment. It is essential to follow all procedures and safety measures correctly in order to protect oneself from accident and/or misuse. A safe and cautious environment is mandatory in receiving the best results. All *Gecko* heat transfer machines are CE certified and come with a limited warranty and parts replacement coverage.

Manual Heat Transfer Press

Model: GK100 / GK200 / GK300 / GK202-PT

The *Gecko Manual Heat Transfer Press* is a top seller amongst its peers. Its standard manual operation provides professional results at a competitive price. The machine attracts conventional users looking for simplicity and ease of use; ranging from small to large production orders. Its industrial strength and durability makes for a great investment and a long-term companion.

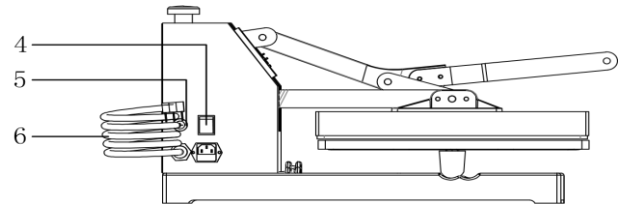
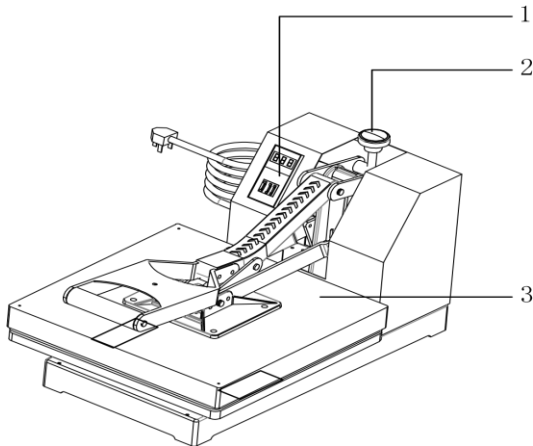
The heat press has a built-in non-stick heat platen with a full range of heating coils to allow for consistency throughout its surface. It is capable of applying a variety of heat transfer materials onto garments of up to 5/8". Our unique digital temperature and timer control is designed to achieve simplicity and accuracy. The temperature is adjustable up to 435° Fahrenheit with a timer having an adjustable range between 0 and 999 seconds. The manual lift handle is conveniently operable with a featured spring assist and adjustable pressure knob at the rear of the machine. Our newly featured lifting mechanism requires little effort in opening and closing the machine. This allows for smooth transitioning and accuracy in pressure alignment. Our *Manual Heat Transfer Press* is a crowd favorite for its reliability, consistency, and ability to get right down to business.

Features:

- > Durable metal frame construction built for high performance and long-term industrial use.
- > Highly graded non-stick coated heat platen made from aluminum; provides even pressure through one continuous internal heating coil.
- > Manual open/close handle with spring assist; limited effort required in lifting and locking.
- > Full range rear-adjustable pressure knob; with the option to allow the upper heating element to hover over the bottom plate for drying purposes.
- > Combined digital temperature and time control.
- > Heat resistant silicone pad capable of enduring high temperatures.
- > Recommended with a variety of traditional transfer materials including standard, plastisol, sublimation, screen-printed, rhinestone, inkjet, laser or color copier transfers. NOTE: We do not suggest using this machine with vinyl transfers, as they often require intense pressure. Please see our *Pro Series* machines; capable of providing sufficient pressure for all transfer types.
- > This machine is most commonly used to apply heat transfers onto t-shirts (and other basic clothing items/garments), hemp, mouse pads, tote bags, placemats, coasters, ceramic tiles, phone cases, etc..

Specifications:

	GK100	GK200	GK300	GK202-PT
PLATEN DIMENSIONS	15"X15"	16"X20"	16"X24"	20"X16"
TEMPERATURERANGE	212-435°F	212-435°F	212-435°F	212-435°F
TIMER RANGE	0-999 SEC	0-999 SEC	0-999 SEC	0-999 SEC
PRESSURE RANGE	50-55 LBS	50-55 LBS	50-55 LBS	50-55 LBS
VOLTAGE	110V	110V	110V	110V
AMPERAGE	14A	15A	15A	15A
HERTZ	50-60HZ	50-60HZ	50-60HZ	50-60HZ
WATTAGE	1500W	1600W	1600W	1600W
MACHINE WEIGHT	54 LBS	74 LBS	86 LBS	74 LBS



1. Digital Temperature / Timer Control	4. Power Switch
2. Manual Pressure Adjustment	5. Fuse Compartment
3. Upper Heat Platen	6. Power Cord

Included:

- > Heat Press Machine (fully assembled)
- > (4) Rubber footings (optional)
- > Protective clothe
- > Non-Stick Sheet
- > Operator's Manual
- > Limited Warranty

Operating Instructions:

1. POWER ON HEAT PRESS

Plug the power cord into a standard 110V outlet and turn on the heat press by pressing the power switch located on the side of the machine into the ON position. Be sure that your heat press is positioned evenly on a steady and level surface.

If using an extension cord, be sure it is industrial grade.

2. ADJUST PRESSURE

When adjusting the pressure, be sure that the handle is lifted open. Turn the pressure knob at the top rear of the machine left (to loosen) / right (to tighten) until you have found your desired setting.

3. SET TEMPERATURE

Press the “OK” button on the digital gauge so that the “F” appears. The machine is defaulted to degrees Fahrenheit. If wanting to change to degrees Celsius, press the up arrow.

Press the “OK” button for a second time. Use the up or down arrow to adjust the number setting to your desired temperature.

4. SET TIME

Press the “OK” button for a third time. Use the up or down arrow to adjust the number setting to your desired time. Press “OK” one last time so that the digital screen reads “LO”. This means that the heating element is starting to receive heat and is at a low temperature. The digital screen will show its actual temperature readout once it reaches 212°F and will continue counting upwards towards the set temperature.

5. POSITION GARMENT

Once your temperature and time are set, position your garment/material/object onto the bottom resting plate. The garment should be placed over the top of the silicone pad and set evenly across the surface. When near or at the set temperature, press down on your garment for a few seconds to smooth out the surface. This is called the “pre-press”.

6. POSITION THE TRANSFER

Place your heat transfer over your garment in the desired location. Be sure to read the heat transfer specifications to know whether it should be positioned facing up or down. If using a non-stick / Teflon sheet, place the sheet over the top of the garment and transfer.

7. BEGIN TRANSFER PROCESS

When the heat platen has settled into its desired temperature and the transfer and garment is placed in position, you may begin the transfer process. Proceed by closing the handle downward into the locked position. Once the machine is locked the timer will automatically start counting down.

8. RELEASE PRESS

The timer will begin to sound once it reaches 3 seconds. The warning is meant to prepare the user to release the handle once the time reaches 0 seconds. When the handle is lifted, the timer will automatically sound off.

9. REMOVE THE TRANSFER

Remove the non-stick / Teflon sheet (if necessary) and pull the garment away from the bottom resting plate. Be sure to work carefully below the heating element. Remove the paper backing from the transfer according to the heat transfer specifications.

10. POWER OFF

When finished using the machine or leaving it unattended, be sure to turn it off by pressing the power switch into the OFF position. Unplug the power cord from its outlet.

Warnings and Precautions:

- > Avoid operating the heat press in domestic areas. We recommend finding a workshop, factory setting, or garage space to operate from. Be sure the area is clear of easily flammable materials and hazardous objects that may interrupt the work space.
- > Always use a sufficient source of power to accommodate the voltage of 110V.
- > If using an extension cord, be sure it is industrial strength and capable of supporting the electrical current.
- > Avoid the use of overcrowded power strips in order to allow the machine maximum operative efficiency.
- > Follow the directions provided by the transfer supplier for appropriate time and temperature settings. The settings will vary and ultimately depend on the make and type of transfers used.
- > Never leave the heat press machine unattended when in use.
- > Never attempt to bake an empty machine. This may destroy the heat mat or even create a fire.
- > Do not adjust the pressure when the handle is locked down and the machine is in use.
- > Always turn off the heat press machine when it is not being used.
- > Store the heat press indoors in a safe and dry area. Never leave it outdoors and vulnerable to destructive weather conditions.

Tips & Suggestions:

- > Time and temperature requirements are determined by the transfers being used. Always refer to the transfer pack and/or the supplier if having questions regarding your settings.
- > There are various types of transfer papers available today. The type and quality of each will provide different results (smooth finish, rough finish, soft finish, extra gloss, washable, etc.). Educate yourself beforehand to determine which will best suit your needs.
- > Before putting the press to use, be sure to smooth out the working area of the material being used. This can be done by pre-pressing your material for a few seconds to smooth out the area and eliminate any wrinkles.
- > A clamp style heat press machine requires that the manipulated material not be too thick. If an object is too thick, it may prohibit the heat plate from becoming level. If possible, avoid positioning uneven areas of your garments onto the working space. This might include collars, sleeves, pockets, and/or other seamed areas.

- > The heating element and its protective covering are designed to pivot back and forth very slightly. This allows for the plate to adjust to the surface below.
- > When powered off, the heating element will take approximately 30 minutes to cool.
- > This machine does not require the use of a non-stick sheet, but it is suggested that you use one anyway. A non-stick sheet is meant to be placed over the top of the material and transfer prior to applying pressure. The purpose is to prevent scorching from excessive amounts of heat and residue from the heating element from carrying over onto your garment.

Troubleshooting:

- > If the transfers are not sticking or are not as transparent as you'd like, try adjusting the temperature and time settings. Different materials may require more/less heat, time, and pressure. Some trial and error may be necessary to reach perfection.
- > INCREASE TIME / TEMPERATURE / PRESSURE, if transfers are pale/light in color.
- > REDUCE TEMPERATURE, if transfers are browning or sticking to material.
- > REDUCE TIME, if transfers are blurry, scarring, or you notice ink spreading.

Warranty:

1. *Gecko Heat Transfer Solutions* guarantees that all new machines and accessories, referred to hereinafter as the “product,” are free from any manufacturing defects in material and workmanship.
2. This warranty is applicable only to defects in workmanship and does not apply to normal wear and tear; altered or removed parts; improper use; lack of maintenance; accidents; spills; exposure to extreme conditions; or incidental and consequential costs such as storage, telephone, rental, shipping, transportation, inconvenience, loss of income, loss of time, or other consequential damages.
3. If a product is damaged in shipment and/or fails to function properly upon delivery, *Gecko* will replace the product in full. If a replacement part is needed, *Gecko* will ship the associated part to the original purchaser. *Gecko* agrees to take responsibility for any costs associated with returning an item proven defective.
4. Our limited warranty is valid for 1 year from the date of purchase and is applicable only to the original purchaser.
- 5) Any modification of product will void the warranty in full. Labor is not included.
- 6) Our obligation under this warranty is limited to a commitment to customer service, parts replacement, and full product replacement within the life of the warranty. We reserve the right to improve the design of any product without any obligation to improve a product previously manufactured.

Circuit Diagram:

