

SignWarehouse Basics

5in1 Combo

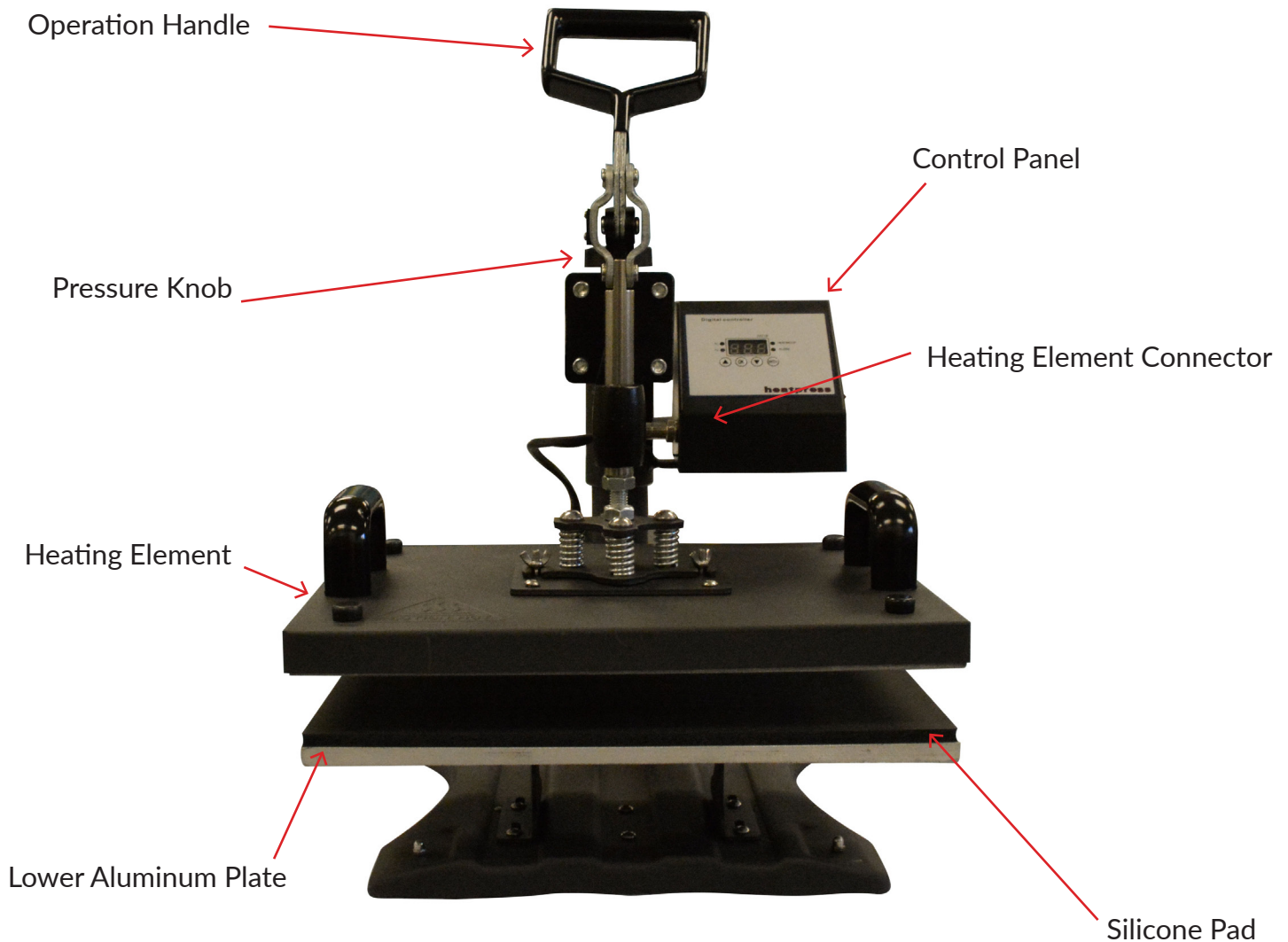
USER MANUAL



Table of Contents

Page

1	Specifications
2	Operation Instructions Read Before Use
3	Basic Operation
4	The Shirt Press and Changing Shirt Attachment
5	Plate Attachment
6	Mug Attachment
7	Using the Mug Attachment
8	Cap Attachment and Changing Lower Platen
9	Heat Transfer Application Guidelines
10	Troubleshooting Tips
11	Warranty



Specifications:

Item Code: SE-XH-SB-5IN1-S

Voltage: 110V/60Hz

Power:

Control Panel: Digital Control Panel

Time Range: 0~999sec.

Temp. Range: 0~480°F

Packaging: Cardboard packaging

Gross Weight: 110lbs (50kg)

Operation Instructions

Read Before Use

- Check the voltage before using it. The correct voltage is 110-120V/60Hz
- Turn off the machine when not in use, and remove the power plug from socket.
- Grasp the handle firmly when opening.
- Keep children away from the machine.
- Do not touch the heating platen and platen cover after pressing while in operation
- Do not attempt to press products that are not intended for normal heat transfer
- Do not set the temperature any higher than 480° F as it may cause over heat and stop working.
- The heat press carries a ground line by default, please make sure the socket gets a ground line protector.

Basic Operation

Getting Started

- Connect the power cable, and turn on the power switch.
- The control panel will immediately display the current temperature which should begin climbing shortly and will continue until it reaches the programmed temperature.
- The control panel has two controllable options.
 - P-1 = Program 1 = Temperature
 - P-2 = Program 2 = Timer

Setting Temperature and Timer

- Press "OK" to enter the TEMPERATURE setting (P-1)
- Arrow Up or Down to change the desired temperature.
- Press "OK" again to lock in the new temperature and enter the TIMER setting (P-2).
- The press will beep and the temperature will stop climbing once programmed temperature is reached.

Setting Temperature and Timer

- With the press open (handle up), turn the pressure knob clockwise to increase pressure and counter clockwise to decrease pressure.



Fig 1: Close up of the control panel.



Fig 2: The P-1 is to set the temperature.

The Shirt Press

The basic setup out of the box is a 12" x 15" shirt press. This press is a swing away, which makes placing and removing garments safe and easy. Unlike some presses that can only swing open to the right, this model can swing to the right or left.

Caution: to reduce risk of burns, use the black handles to swing the heat platen away during use.

Changing Shirt Attachment

- 1) Turn off the press, let attachments cool before switching out.
- 2) Loosen the wing nuts.
- 3) Slide the heat platen towards the back of the press.
- 4) Slide new attachments into the track.
- 5) Tighten the wing nuts and make sure the platen is secure.
- 6) Connect the plug into the control panel, and make sure the plug is securely connected.
- 7) Thread the screw cap and tighten all the way. This keeps the plug from coming loose during production.

No tools needed for this process

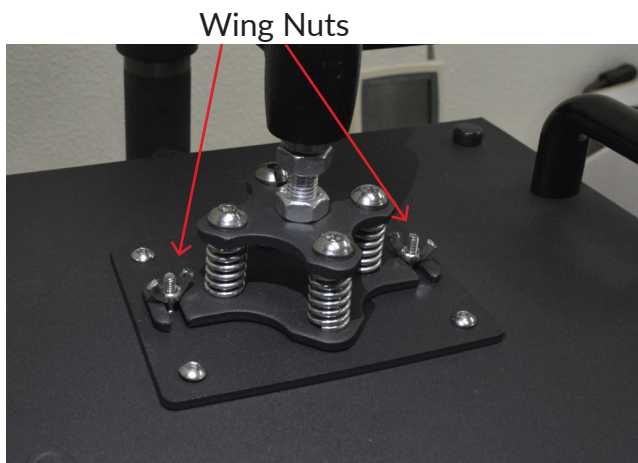


FIG 2: Remove the shirt attachment's heat platen by loosening the wing nuts.

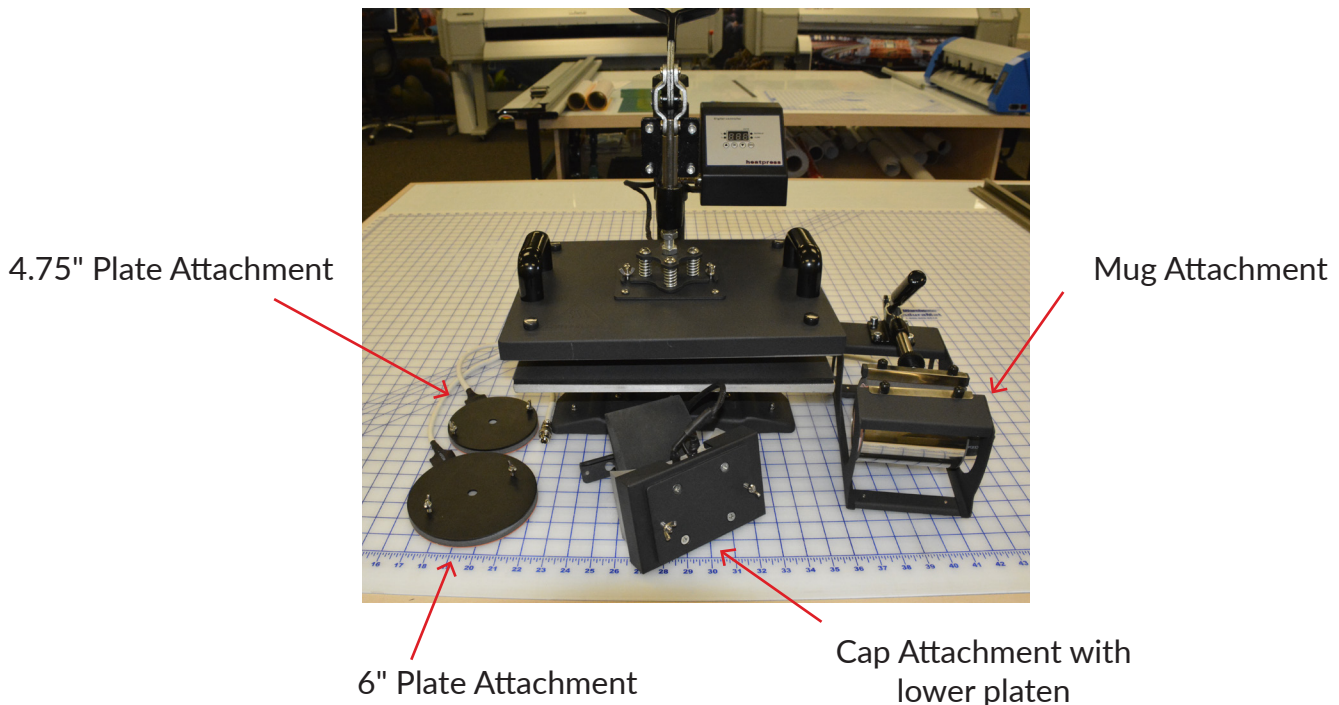


FIG 3: To disconnect the power cable, loosen the collar on the circular connector, then pull the plug away from the control panel housing.

Plate Attachments

The Basic 5in1 combo heat press comes with two plate attachments. They're 4.75" and 6" in diameter. These replace the upper swingaway heat platen and close on the standard 12" by 15" lower platen. When checking the pressure on this attachment, do a few tests before committing to production.

FIG 4: The Basic with all the attachments is pictured below



Mug Attachment

The mug attachment is like our MP5 mug press, the difference is that this one is not a stand-alone unit. The basic setup is ideal for 11 oz mugs, but we offer other fittings for larger and smaller cups as well. The mug press is great for dye sublimation and laser transfers. Remember that the dye sublimation will only work with polymer-coated cups and mugs.

Changing to Mug Attachment

The mug attachment operation is a little different then the others.

Caution: The mug attachment has a very small platen so it heats up quickly. Make sure the press is powered off before attempting to attach the mug attachment.

- 1) Remove the current attachment from the handle, and unplug it from control panel.
- 2) Plug in the mug attachment into the control panel, as seen below.
- 3) Check the pressure of the press. The mug attachment can be used with other heat platens connected to the handle as long as it is plugged in.
- 4) Move the mug attachment handle backwards to open the sleeve and insert a mug. Pull the handle forward to securely contain the mug in the sleeve.
- 5) To activate the timer for mug attachment use, the handle must be lowered as if you are using the shirt attachment.



FIG 6: The mug attachment is ready for use. The lower platen can be removed or stay on the main base. The mug attachment will work both ways.



FIG 7: The mug attachment's heat platen connects the same way as the shirt attachment, using the circular connector.

Using the Mug Attachment

The mug attachment operation is a little different then the others.

Caution: The mug attachment has a very small platen so it heats up quickly. Make sure the press is powered off before attempting to attach the mug attachment.

- 1) Check the pressure of the press. The mug attachment can be used with other heat platens connected to the handle as long as it is plugged in.
- 2) Move the mug attachment handle backwards to open the sleeve and insert a mug. Pull the handle forward to securely contain the mug in the sleeve.
- 3) To activate the timer for mug attachment use, the handle must be lowered as if you are using the shirt attachment. Once you have placed your mug in the sleeve, lower the heat press handle to start the cycle timer. At the end of the cycle, raise the heat press handle to silence the alarm and push the mug attachment handle backward to remove the mug.
- 4) Like the standalone MP5 EnduraPress mug press, you can use various mug fittings with the mug attachment to decorate mugs of different diameters. The default fitting is designed for 11oz mugs. To change to a larger or smaller fitting, remove the screws or thumb screws and disconnect the power cable from the control panel. For more information on mug fittings, please click [here](#) or refer to the MP5 User Manual.

TIP: Sublimation continues as long as the surface temperature remains at or near 400°F. If the mug is still hot after the transfer paper is removed, the ink may sublimate as heat rises from the mug surface resulting in 'ghosting' or hazy blurry transfers. To stop the sublimation process after you remove the transfer paper, dip the mug in a bucket of cool water. This will ensure a clear, sharp transfer.

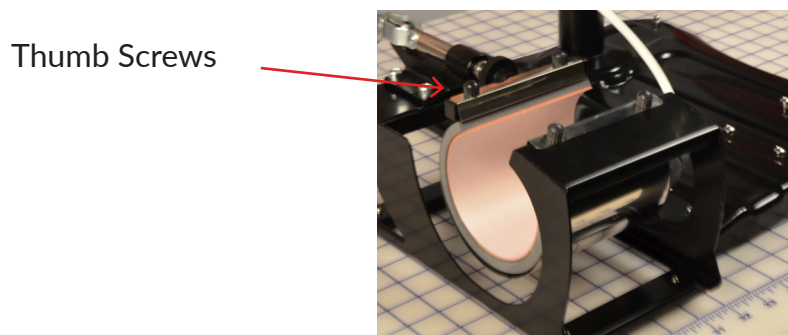


FIG 8: The thumb screws are located near the opening of the mug attachment. Always make sure they are secured.

Cap Attachment

For best results, make sure you choose a heat transfer film suitable for the cap's fabric. Use the time, temperature and pressure settings for that particular HTV. To use the cap attachment, replace both the heat platen and table. Changing the lower table from the shirt attachment to the cap attachment requires the use of a (5mm) allen wrench and a pair of pliers.

Changing the Lower Platen

Change the lower platen before attaching the cap press.

- 1) Use the 5mm allen wrench to loosen the table for the shirt attachment.
- 2) Place to the side and place the cap platen on the base.
- 3) Use the piers to secure the washer on the bottom of the table while adjusting the hex head bolts with the allen wrench.
- 4) Make sure the platen is secure.
- 5) Attach the cap press heat platen using the wing nuts, as seen below (Fig 11).
- 6) Place the crown of the cap over the curved base. Place your HTV transfer on the crown, cover with a Teflon Sheet, and lower the curved heat platen. Be sure to adjust the pressure using the pressure knob (Page 3) to produce sufficient pressure for a successful transfer.



FIG 9: A pair of piers and an 5mm allen wrench to help change out the platen

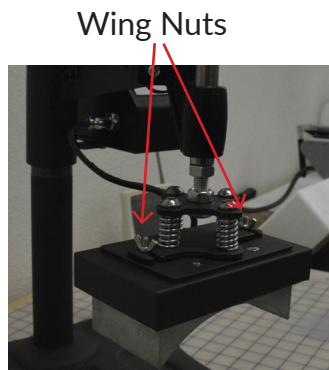


FIG 10: Slide the heating platen into the track and tighten the wing nuts.

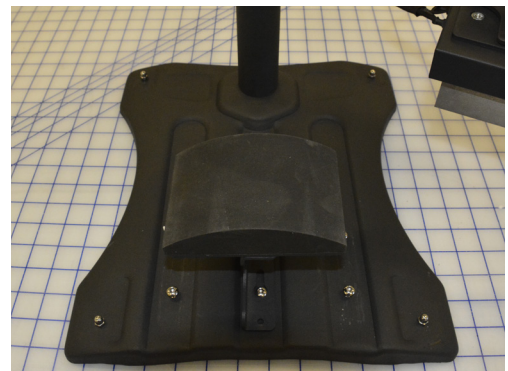


FIG 11: When attaching the lower platen, make sure the holes line up. Always check the platen is secured.

Heat Transfer Application Guidelines

These are general guidelines. For specific time and temperature settings for specific films and/or transfer papers, please refer to the instructions for that particular product.

TRANSFERS	Device	Fabric	TEMP.	TIME	PRESSURE
mugs: sublimation	Mug press/ attachment	polymer-coated	400° F	240 seconds	medium
mugs: laser transfer*		uncoated	300°F	180 seconds	firm
General Guidelines for heat transfers with other heat presses or attachments					
Sublimation Paper	Ricoh, Epson	Polyester	400°F	25~30sec.	30Psi
Ink Tran. Paper	Inkjet Printer	Light Color	365°F	15sec.	30Psi
		Dark Color	330°F	25sec.	30Psi
Laser Transfer Paper**	Laser Printer	Light Color	345°F	30sec.	30Psi
	Laser Printer	Dark Color	260 - 320°F	35 - 120 sec.	25Psi
Transfer Vinyls	Cutting Plotter	/	300~320°F	8~10sec.	30Psi
Plastisol Transfer	/	/	335°F	12sec.	50Psi

Troubleshooting Tips

Q. Why isn't my heat transfer vinyl sticking to the fabric?

A. This can be caused by three things. Insufficient pressure, or temperature, or time.

Time: Some heat transfer films need a few seconds to cool before you remove the liner. Try a warm or cold peel first.

Temperature: If that doesn't work, check to make sure you are using the recommended time and temperature settings. If you are, your press may not be putting out the correct amount of heat. Use a Geo Knight IR thermometer to check the actual temperature of the platen.

Pressure: If the temperature is correct, adjust the pressure. Some films require more pressure to bond the adhesive to the fabric. There should be some resistance when you close the press. If you have verified all of these and the film doesn't stick, contact SIGNWarehouse customer service or Technical Support for further assistance.

Q. Why does my sublimated transfer look washed out?

A. This is usually caused by insufficient temperature. Sublimation works best at or near 400°F. If your transfer is faded, check the output of the heat platen with a contact thermometer and make sure the output matches the displayed temperature. If not, adjust as directed above. Then repress at 390 - 400°F.

Q. Why are my transfers are sticking to the heating element of the upper platen?

A. If T-shirt vinyl is sticking to the heating element, you have it upside down. Remove any adhesive residue, flip it over and try again. If an inkjet or laser transfer is sticking to the heating element, it's because the heat is affecting the ink. Cover it with a Teflon sheet or sheet of silicone Kraft paper to prevent this. Using a Teflon sheet or Kraft paper is recommended for almost all heat transfer applications.

Q. Why is it so hard to peel the liner when I'm done pressing the paper?

A. A hot or warm peel film may become hard to peel if allowed to cool. Always peel the film or transfer paper in accordance with the product's recommendations.

WARRANTY

We warrant that the BASICS heat press is free from defects in material or workmanship for 90 days from the date of purchase. Warranty applicable to original buyer only. Warranty is void in the event the product has been subject to abuse, misuse, negligence or accident.

BASICS heat press must be returned in original carton with original packing. Please call 800-699-5517 for an RMA authorization and number or your return will be refused without it. RMAs are good for 10 days.