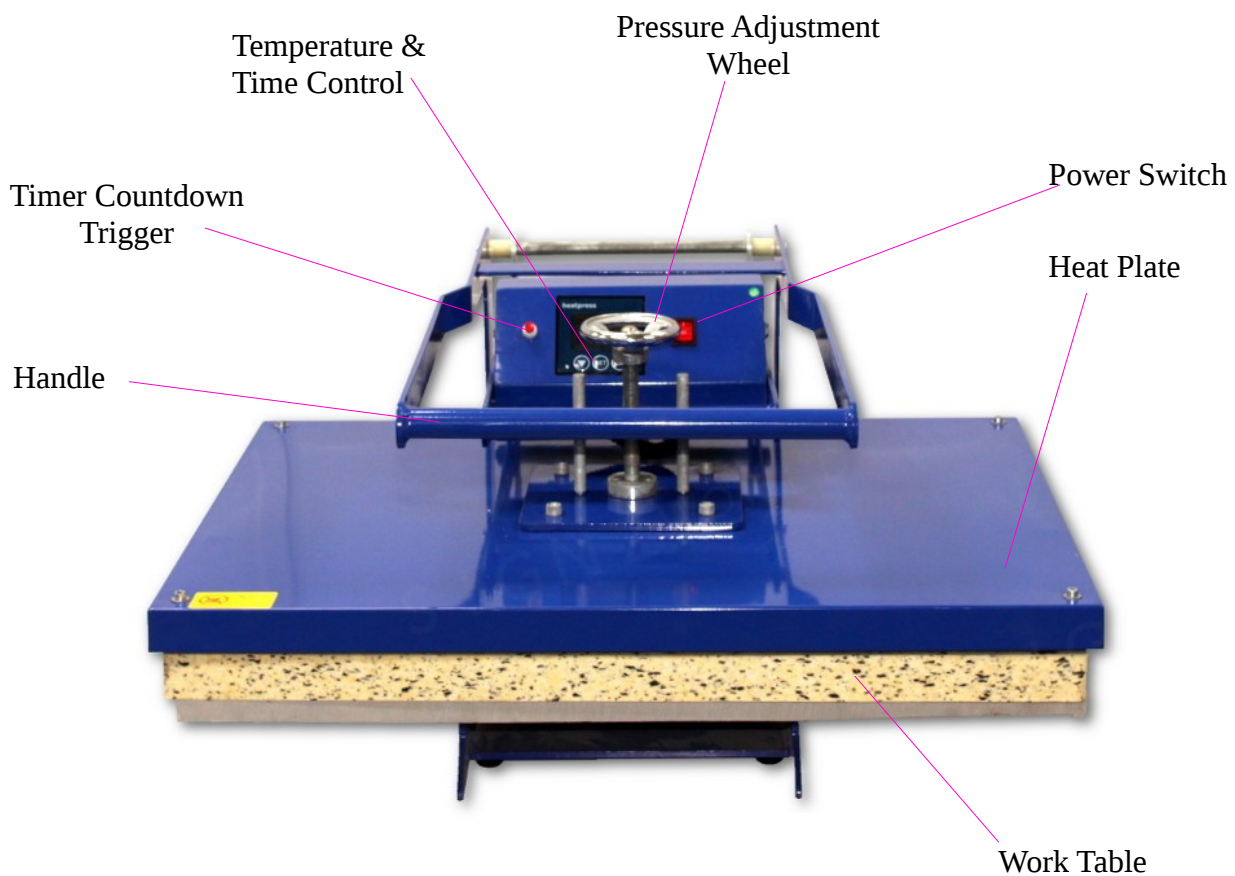


# HP680

## Large Format Clam Heat Press

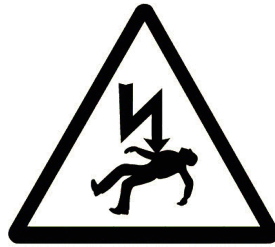


SIGNZORLD

# Operator's Manual

***THIS MACHINE IS NOT SUITABLE FOR MINORS TO USE OR FOOD PROCESSING***

# **SAFETY WARNINGS** **DO NOT IGNORE**



**Danger  
of death**

**THIS IS AN INDUSTRIAL-GRADE 25 AMP 4.5kW  
MACHINE. IT DOES NOT COME WITH A PLUG PRE-  
ATTACHED.**

**IT SHOULD NOT BE PLUGGED INTO A REGULAR  
HOUSEHOLD SOCKET.**

**A SUITABLE INDUSTRIAL-GRADE PLUG AND SOCKET  
CAN BE USED. (we recommend 32A IP44-type 3-Pin  
Industrial Plug & Socket)**

**ONLY A QUALIFIED ELECTRICIAN SHOULD INSTALL  
THE PLUG & SOCKET. RISK OF SEVERE SHOCK  
DANGER OF DEATH**



# General

Technical Specifications	
Voltage	110 / 220 V
Ampage	25A
Wattage	4500w
Printing area (cm)	60 x 80cm
Package Size	101x91x42cm
Gross Weight	98KG

A heat press machine is the machine that presses a transfer onto an imprintable substrate. Using high temperatures and pressures for a certain amount of time, the transfer is permanently embedded into the product.

Heat presses are recommended for professional and satisfying results simply because standard laminating devices and home hand irons can not get even near the temperatures required for a reliable transfer.

This machine is suitable for sublimating onto a variety of items including T-shirts, Large Fabrics, Pillowcases, Puzzles, Mouse Pads, Metal Boards, Fridge Magnets, Coasters, Slippers, Bags, and Cushions. The large format allows you to sublimate many small items at once, or singular large items.

# Operation

Generic Temp & Time Guidelines		
Material	Temp (°C)	Time (secs)
General	180-200	15-60
Ceramic	200	300-500
Cloth	150-180	20-40

**Successful printing needs the right time & temperature. Initial testing should be performed to get the best results in production.**

1. Place your item on the open worktable and adjust the pressure if needed
  - o **CAUTION:** Do not force the press down if the pressure has been set too high – this may damage the mechanics of the press.
2. Plug the power cable in and power on the machine.
3. The heat should begin to rise (indicated by the flame symbol) and the **current temperature (PV – Present Value)** will be displayed with the **set value (SV)**
4. Press **SET** once, and use the arrows to adjust the Temperature.
5. Press **SET** again, and use the arrows to adjust the Countdown Time.
6. Press **SET** once more, and it will return to the main screen showing Current Temperature (**PV**) and Set Temperature (**SV**)
7. Wait for the machine to reach the Set Value.
8. Close the press.
9. Immediately Press the Timer Countdown Trigger switch, the time should countdown (indicated by the clock symbol)
10. When the time reaches 0, an alarm will sound (as indicated by the speaker symbol).

11. Press the Timer Countdown Trigger switch to reset it, and immediately open the press.
12. The heat pressing has now completed! Follow the removal instructions for your material and product (ie: cold peel or hot peel?)
  - **Guide:** *If your paper is Cold-peel then wait at least 20-30 seconds before peeling, if your paper is Hot-peel, then peel immediately from the corner.*

**Please turn the machine off for several minutes at least every hour.**

# Troubleshooting

Problem	Cause	Solution
No display after powering up	Poor outlet contact or fuse is blown	Change the power cable and check outlet. Replace fuse if needed.
Fails to heat up or does not heat up to the temperature displayed	The heatplate or control box is faulty	Check heatplate connections, check control box. Replace or repair if needed
Darkened, deep colour; blurred image	Pressed for too long, temperature too high	Reduce the time or temperature