

User manual

# Shin Pad

# Heat Press Machine

# Brildor SC-1.1

Ref. 045087



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## INTRODUCTION

This heat press machine has been specially designed for personalisation using dye sublimation printing. Thanks to its pressure, heat and time control, the transfer will be permanently embedded in the shin pad.

- Manual opening and closing. The shin pad heat press has a swivel arm that opens to the left.
- Lower platen dimensions: 19.5 x 20.5 x 8 cm

## PARTS OF THE PRESS

1. Digital controller
2. Ergonomic handle
3. Upper platen
4. Swivel arm that opens to the left
5. ON/OFF switch
6. Lower platen
7. Sensor [automatic timer]



## TECHNICAL DETAILS




<b>Model</b>	Brildor SC-1.1 Shin Pad Heat Press Machine
<b>Type</b>	Manual/Swing Away
<b>Controller</b>	Digital
<b>Pad thickness</b>	0.8 cm
<b>Side opening angle</b>	180°
<b>Voltage</b>	220 V / 50 Hz
<b>Power</b>	450 W / 2 A
<b>Timer</b>	0-9999 s
<b>Temperature range</b>	0-221°C
<b>Temperature accuracy</b>	±2°C
<b>Time before Sleep Mode</b>	30 min

## DIMENSIONS




<b>Closed in its starting position</b>	31 x 51 x 37 cm
<b>Closed with legs extended</b>	45 x 51 x 37 cm
<b>With the upper platen to the side</b>	47 x 53 x 37 cm
<b>Lower platen</b>	19.5 x 20.5 x 8 cm
<b>Upper platen</b>	24 x 22.5 x 8 cm
<b>Swivel arm</b>	24 x 38 cm
<b>LCD digital display</b>	13.5 x 14 x 12.5 cm
<b>Handle</b>	11.5 x 10.5 x 2.3 cm
<b>Power cable</b>	151.5 cm
<b>Packaging</b>	46.5 x 43 x 34.5 cm
<b>Net weight</b>	10 kg

## CONTROL PANEL OPERATION

### Temperature

		
Press the OK button	The screen shows P-1	Press the arrows ▲ or ▼ and set the temperature you need

### Time

		
Press the OK button after selecting the temperature setting.	Press on the arrows ▲ or ▼ and set up the time.	Press the OK button again after setting up the timer.

## INSTRUCTIONS FOR USE

1. Make sure the plug is securely connected to the power socket, and press the power switch.
2. Set the temperature and time. You can use the tables above as a reference.
3. The press will notify you when the set temperature has been reached.
4. Hold the paper's printed side against the shin pad and fix it with heat-resistant tape.

Place protective paper on the press' lower platen and the shin pad on top.

5. Turn the pressure knob to obtain the right pressure.
6. Press down on the handle. The sound will stop and the sublimation will start
5. The alarm will go off again as soon as the time is up. Lift the handle and remove the newly printed shin pad.



## Recommended sublimation parameters

MATERIAL	PRESSING TIME	TEMPERATURE	PRESSURE	INK AND PAPER*
Plastic shin pads	170 s - 205 s	180 °C – 185 °C	Medium - Heavy	Special for sublimation

\* We recommend using sublimation paper with a grammage of 120 gsm. DO NOT use adhesive paper.

## THINGS TO KEEP IN MIND

- When the temperature of the heat platen reaches 80°C [176°F], the extractor fan will turn on automatically. This helps to keep electrical parts cool and extends their useful life.
- Turn off the machine when it's not in use and remove the plug from the power socket.
- The heating platen will automatically cool down if the press remains idle for more than 30 minutes.
- Different items will require different temperature and time settings because their materials and thickness will differ.
- This press should not be used by children or for food processing.



## TROUBLESHOOTING

### The machine isn't responding:

- Check if the plug is properly connected or if it's broken.
- Check if the fuse is blown.
- Check if the power switch or the digital controller are broken.

### The power light is on, but the display is black:

- Check the cable of the transformer. The connection will be low if the wires are a little loose. Tighten them.
- If the cable is connected properly, the transformer may be defective. Fix it.

### The display is working well, but the press is not heating up:

- Check if the relay indicator light is on, otherwise check if the relay or the digital controller are broken.

- If the heating platen isn't working, and the relay has already been replaced, check if the heating plate is defective or if the power cable is loose. If the heating plate is defective, you should change it.

**The temperature is higher than expected:**

- The relay may be broken, you should change it.
- The digital controller may be defective, you should change it.

**The colour of the print is pale or faded:**

- The pressure isn't high enough, the temperature is too low or the transfer time is too short. Adjust the pressure, temperature or increase heating time.

**The colour of the print is too dark or blurred:**

- The temperature is too high or the transfer time is too long. Adjust the temperature or reduce heating time.

**The colour of the print is different or the result isn't right:**

- The transfer time is too short or the paper used is of poor quality. Increase heating time or use high-quality transfer paper.

**The transfer paper sticks to the object after the transfer:**

- The temperature is too high or the paper used is of poor quality. Adjust the temperature or use high-quality transfer paper.



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everything for personalisation