

PixMax Cap Press

By Monster Doodles



Contents

Page by page overview of the instruction booklet

Page 3 - Specification

Information regarding the technical parameters, inventory and product description of the product.

Page 4 - Control Unit Set-up

Instructions on setting time and temperature

Page 5 - Element Installation

Instructions on removing and installing the element

Page 6 - Printing a Design

A quick overview of how to print and prepare a sublimation design for pressing on to an item.

Page 7 - Pressing a Design

A quick overview of the recommended process for pressing items.

Page 8 - Troubleshooting Guide

A guide for resolving any issues or faults experienced with the heat press or pressing process.

Page 9 - Safety Information

Information regarding the safe use of the heat press.

Page 10 - Contact Page

Contact details for our sales and support departments.

Specification

Product Description

The PixMax cap press is an essential product for personalised gift businesses, corporate product handouts, charities and home businesses alike. The cap press allows the user to press vinyl, transfer or sublimation designs on to caps. With the generous 14 x 8 cm pressing area built into a compact unit the cap press is perfect for minimizing the work area and increasing product output.

Whether you are an established business or just looking to bring in some extra income this easy to use and flexible cap press machine is a fantastic acquisition.

Monster Guarantee

On purchasing this product from our Monster Doodles range you qualify for our 12 month electrical item guarantee.

Item Contents

PixMax Cap Press

13 amp 3 pin plug lead

10 FREE Sheets of sublimation paper

Technical Parameters

Rated Voltage: 220V

Power Output: 1.25kW

Time Range: 0-999 S

Temperature Range: 0-430°F

Product Dimensions

Packaging Dimensions: 39 x 37 x 26 cm

Working area on flat press: 14 x 8 cm

Product Weight: 10.5 KG

Set-up Guide

Control Unit Settings

To set the control unit to the required temperature and time please follow the instructions on this page.

1. Before plugging in the power lead please ensure that the element cable is attached into the socket on the control unit.

2. Once the element has been plugged in the power lead can be attached to the control unit and the main power switch can be turned on.

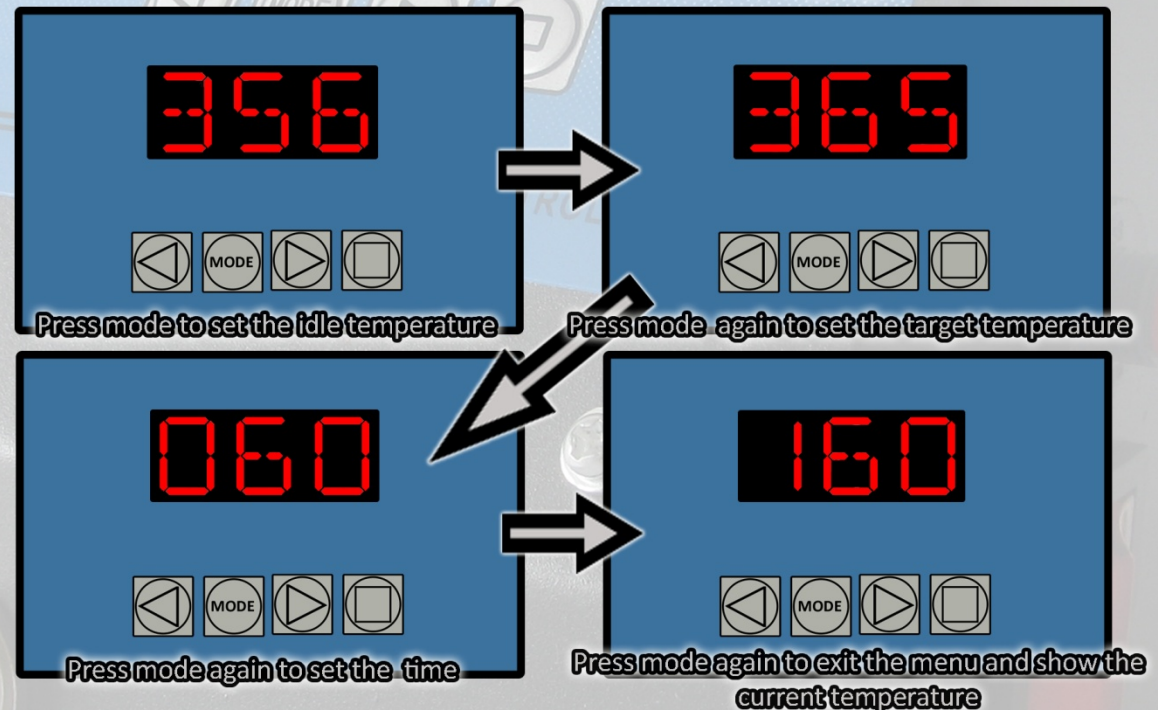
3. On the front of the control unit there are four buttons. In order from left to right these are: left arrow, mode, right arrow and set (square) button. The left and right arrows adjust the values when you are setting the temperature. The mode button enters into the menu settings for adjusting the required temperature and time. The set button allows the press to heat up to the required temperature as explained in step 8.

4. The heat press has two temperature settings. These are the idle temperature and the target temperature. The idle temperature provides a resting point for the press to drop down to when not in use. The target temperature is the required temperature that you wish to press at.

5. The idle temperature can be set by pressing the mode button to enter the menu. By pressing the left arrow to decrease and the right arrow to increase the reading on the screen you can adjust the idle temperature until it reaches the required value. Please note the idle temperature cannot be adjusted higher than the target temperature.

6. When you are in the idle temperature setting menu press the mode button to move into the target temperature setting menu. Again, use the left and right arrow to adjust the reading until it reaches the required temperature.

7. When you are in the target temperature setting menu press the mode button to move into the time setting menu. Use the arrows to set the required time. Once the time has been set, press the mode button to exit the menu and the screen will show the current temperature.



8. In this example the idle temperature has been set to 356F and the target temperature has been set to 365F with the time set to 60 seconds. When the current temperature reaches 356F (idle temperature) the control unit will start beeping to inform you that it is ready to use. Press the set (square) button to allow the temperature to rise from the idle temperature to the target temperature. Once display reaches the target temperature it will automatically begin the timer countdown. When the timer has reached '000' press the set button to allow the element to drop back to the idle temperature.

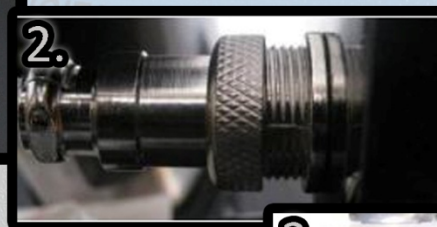
Please Note: The temperatures and times given above are only an example and not a guide for the items that you wish to press.

Set-up Guide

Installing the Elements

To remove and install the cap press elements please follow the step by step instructions below.

1. Ensure that the heat press is switched off and the power cable is not connected.
2. Unscrew the element cable from the socket in the control unit.
3. Loosen the butterfly nuts that hold the elements in place in the centre plate.
4. Once the element is loose it should be free to slide out and put to one side.
5. To re-install the element repeat the process in reverse order.



When removing an element always ensure that it has cooled down, the power is off and the power lead has been removed.



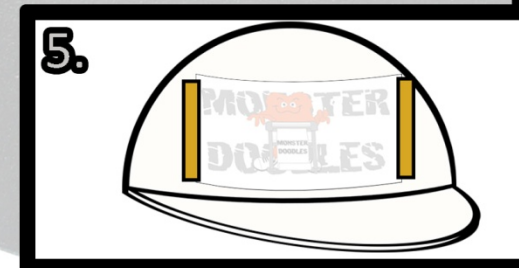
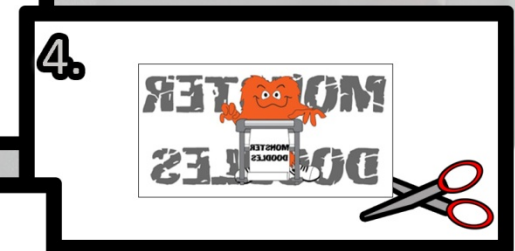
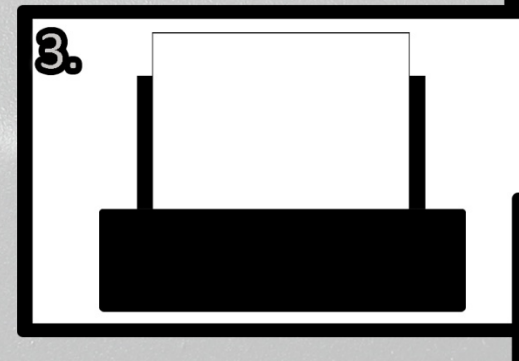
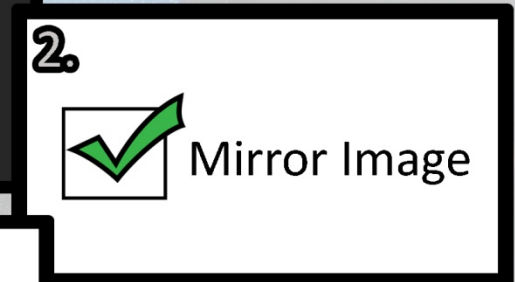
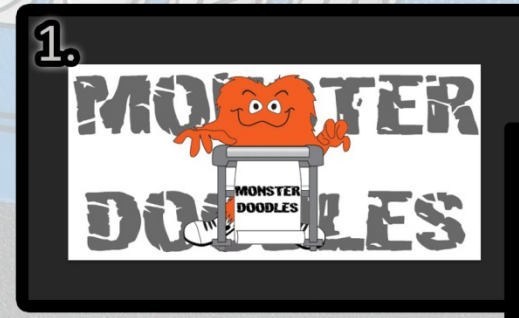
Using The Press

6.

Printing your Design

The instructions below instruct on how to print your design and prepare your cap for sublimation pressing.

1. Firstly, create or acquire the design that you wish to print on to the mug. Any design or word processing software can be used to achieve this. Ensure that all boundaries and sizes are catered to fit the product and that the images are manipulated to your desire. This may include colour correction, cropping, transforming etc. By creating designs that will fit into the 14 x 8 cm area of the cap press you can create a template to work with.
2. Once your design is complete and ready to print, set the print option to mirror the image or design. You will find this option in the "Printer Preferences" menu on the "Page Layout" tab. This is vitally important for ensuring that your design sublimates onto the cap correctly.
3. Load sublimation paper into your printer with the shiniest/ brightest side facing frontwards and print the design. This is important to ensure that the design will transfer onto the product correctly in the pressing stage. Please ensure that you are using sublimation ink with your sublimation printer or printer and CISS system or the ink will not transfer.
4. Once the image has printed, trim the sublimation paper around the image so it fits properly when wrapped around the product.
5. Using heat resistant tape, ensure the design is fastened to the cap with a smooth contact all the way around. Ensure there are no creases in the paper as this can affect the final print.



Using The Press

Pressing your Design

Once you have your image printed out and in position on your cap you will be ready to press the design. Please follow the instructions below for the recommended temperature and time settings for pressing your items.

There are a few different methods of cap pressing. Listed below are four different processes and the recommended times and temperatures for these. Some types of transfer and sublimation paper come with their own pressing instructions that may be more accurate for the weight of the paper.

Sublimation : For pressing on to polyester caps

Idle/TargetHeat: 374F - Time: 30-60 Seconds - Design: Mirror Image

Light Transfer : For pressing on to light coloured caps

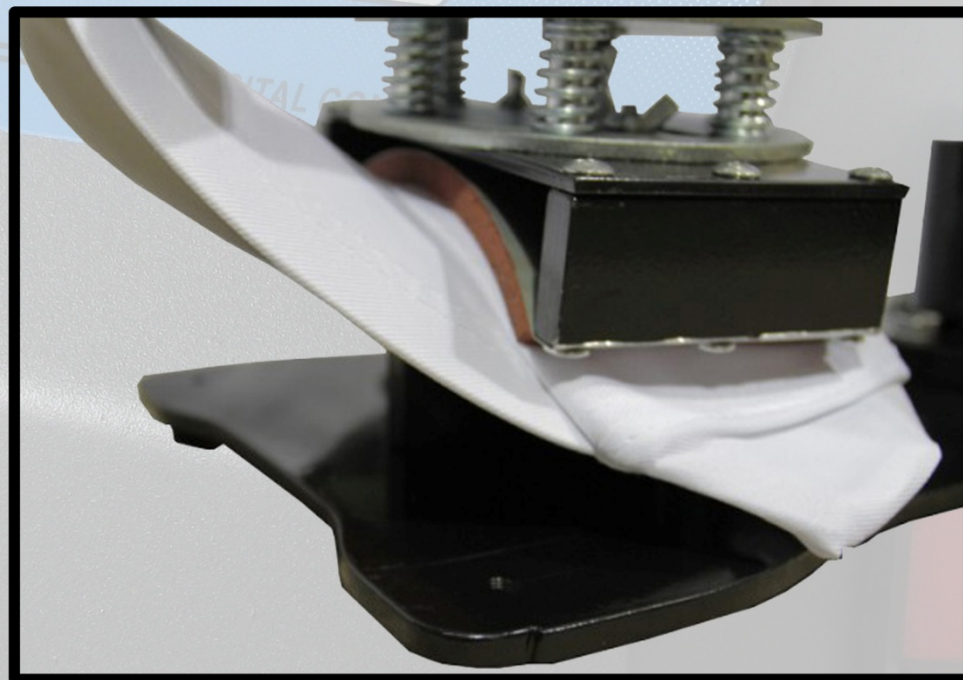
Idle/Target Heat: 356F - Time: 20-30 Seconds - Design: Mirror Image

Dark Transfer : For pressing on to dark coloured caps

Idle/Target Heat: 338F - Time: 10-15 Seconds - Design: Regular orientation

Heat press Flex Vinyl : For pressing on to caps

Idle/Target Heat: 320F - Time: 10-15 Seconds



MONSTER TIP:

If your design is slightly blurry or the colour is not strong enough ensure that there is a firm pressure on the item and adjust the time or temperature in increments of 10 until the required results are achieved.

Troubleshooting

Resolution Guide

Please read through the troubleshooting guide below if you have any issues or faults with your prints or cap press equipment. The information covers and resolves the majority of frequently asked queries.

Q: When I press my sublimation design none of the ink is transferring on to the surface of the cap.

A: If you are experiencing a lack of ink transfer or none at all please check the mug press to ensure that it is heating up and providing a firm pressure on the surface of the item. If the element attachment is not heating up please check over the rest of the troubleshooting guide for a resolution. If the heat press is working well the fault will lie with one of the following:

- The ink that has been used is not sublimation ink. This accounts for a high percentage of non-transfer as only sublimation ink will transfer on to the item. If you are using standard printing ink, pigment ink or other non-sublimation inks you will need to purchase sublimation ink.
- The sublimation paper has been printed on the wrong side. The sublimation paper required for pressing designs can only be printed on one side. This tends to be the shinier/brighter side of the paper. Please try using both sides of the paper to check to see if this resolves the issue.
- The item is not polymer coated/polyester fabric. The items that are used for sublimation printing need to be polymer coated to allow the ink to transfer across. If you have purchased caps that are not polyester then the ink will not transfer across on to the fibres.

Q: When I press my cap the images fade out on the edges of the design.

A: If you are experiencing a fade out on the edges of your design then please check to ensure that the heat press is providing a strong pressure against the item. If this is the case and the design is taped down or positioned flat against the item try placing it in the element the opposite way up to how it was previously placed (i.e. upside down). If the fade out is still occurring on the same part of the element there may be a deficiency in heat on the element. Please contact the customer care team using the details provided on the contact page.

Q: Once I have pressed my cap the image has become blurry or smudged.

A: Blurring or smudging of a design once it has been pressed can be attributed to one of the following:

- The design has not had enough time to dry on the sublimation paper and has smudged on to the item before pressing. This can be resolved by letting the paper dry before use.
- The item has been pressed for too long and the ink has started to diffuse in a process called 'gassing out'. To resolve this reduce the time that the cap is pressed for.

Q: The print on to the cap is light and seems faded throughout the design.

A: If the image has pressed on and seems light or faded try to increase the temperature or time in increments of 10. If this is showing an improvement then this can be adjusted until happy with the print. If there is no visible improvement the element may not be heating up to the temperature required. Please contact the customer care team using the details provided on the contact page.

Q: My sublimation paper is not drying after I have printed on it.

A: The sublimation paper will sometimes require a period of time to dry after printing before applying to the item. If you are experiencing a lot of wet ink on the surface on the paper it may be due to the print quality settings that have been selected. This can be resolved by reducing the print quality (i.e. photo quality to standard or default) and also by selecting default or normal paper as this will reduce the amount on ink that the printer deposits to the paper.

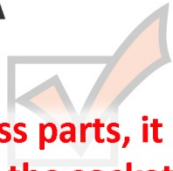
Q: When my design has been pressed the light/white areas of the design have turned yellow/brown

A: If you are experiencing a yellowing on the cap this can be caused due to pressing for too long or at too high a temperature. To resolve this reduce the time/temperature in increments of 10 until the final press is satisfactory. If reducing the time and temperature is having no visible effect then the element may be over-heating. Please contact the customer care team using the details provided on the contact page.

Safety Advice



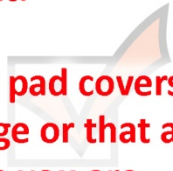
If you need to remove any heat press parts, it is essential to remove the plug from the socket first. When touching the top of the heat press when it is still hot please use insulated gloves.



If after using the press you do not intend to use it again for a long period of time switch the press off to preserve the element.



Please ensure the white Teflon heat pad covers are on at all times to prevent damage or that a Teflon sheet is used over the item you are pressing.



Whilst using the heat press, avoid touching the heating components to prevent burns.



Safe Working Practice

Please read through the safe working practice to ensure prevention of injury or damage to the heat press.



When removing the heat press elements ensure that the power is turned off first before removing the plugs from the socket on the control box.

Please do not exceed the locking limits of the press handle as this may cause damage.

Do not let children use the machine, regardless of supervision and/or whether the machine is in use or not.

Whilst using the heat press avoid touching the element surround to avoid injury.

Contact Us

Our contact details for both our sales and support departments are provided below.

Sales Department

For information regarding our consumables range and other products from our Monster Doodles division please use the following details below.

Tel: 01347 878882

Email: sales@monstergroupuk.co.uk

Support Department

For customer care queries, returns, reporting faults or for enquiries regarding warranty repairs please use the following details below.

Tel: 01347 878887

Email: support@monstergroupuk.co.uk

Website

To view our consumables and product range and receive fantastic low price offers from our Monster Doodles division please feel free to visit our website.

www.monsterdoodles.co.uk

Address

To visit our brand new offices 'Monster House' and view our product range, send postal correspondence or to return items our address is provided below.

Monster House, Alan Farnaby Way, Sheriff Hutton Industrial Estate, Sheriff Hutton, York, YO60 6PG