Calortrans®
High Quality Dutch Design

Calortrans **CT-3838 PRO**

User Manual

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Welcome

Congratulations on your brand new Calortrans 3838 PRO transfer press. A very good choice!

As excited as you probably are to start using the machine, please take some time to read through this manual.

This document will help setting up the machine, use it as safely as possible and provide you with some useful tricks and tips.

Enjoy!

In the box

The box contains:

1. Calortrans 3838 PRO Transferpress
2. Rubber mat
3. Cover to protect the rubber mat
4. Power cord

1

2 Already installed on the base plate

3 Already installed on the base plate

4

Specs:

Technical data:
1800 W / 240 V / 50 Hz

Packing size:
450 x 550 x 460 mm

Weight:
23 kg

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Safety

General danger

Danger from hot surfaces

Danger of bruises

Warning hot surface!
The upper platen of the transfer press will become hot according to the chosen temperature settings. There is a risk of burns by touching it!

Warning hot products!
The products placed under the transfer press, (e.g. t-shirts, HTV films, aluminum sublimation sheets) will become hot according to the chosen temperature settings. Allow the product to cool down or use protective gear (such as heat-resistant gloves) to avoid burns!

Warning crushing danger!
During the pressing process, the two plates are pressed together firmly. Before closing the press, remove everything that should not be subject to high pressure (e.g. hands). There is a risk of bruises!

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Safety

IMPORTANT SAFETY INSTRUCTIONS!
This manual was made to make the usage of the Calortrans 3838 PRO transfer press as easy and safe as possible. It is therefore recommended that you read this manual carefully and follow the instructions step by step.

Before use:

- Read the entire manual before using the press
- Upon delivery, check the press for transport damage. Then let the transfer press acclimatize for 30 minutes at room temperature to prevent moisture problems or any chance of a short circuit.
- Only use the transfer press when it is placed on a stable surface.
- Use the press only for textile transfers or products suitable for sublimation
- The power cord must be connected directly to the power outlet without an extension cord.
- The optimal recommended ambient temperature when using the transfer press is between 15-50 ° C, with a relative humidity of up to 70%.
- Before connecting the machine, check that the voltage of the power cable is 230 volts and the power is at least 10 amps.
- Do not use the machine if the power cord is damaged or defective. In the event of damage or malfunction, do not open the press, but contact your dealer immediately. If the press has been opened, the guarantee will expire.
- Do not use the transfer press in the presence of children or unauthorized persons, due to the risk of catching burns. If the transfer press is nevertheless used in the vicinity of children, a minimum distance of 1.5 meters must be maintained.
- Avoid contact of the transfer press with moisture, dirt, dust, mechanical vibrations, or shocks.
- The manufacturer assumes no liability if property damage or personal injury is caused by improper use of the transfer press

Safety

While operating:

- Work carefully and avoid direct contact with the heating element to reduce the risk of burns.
- Always use the on/off button to turn off the transfer press, never unplug the power cord to do this.
- Use the transfer press preferably with one, if necessary two hands.
- Do not touch the heating element during use to avoid the danger of catching burns.
- Avoid contact of the power cable with the heat platen.
- While in operation, never leave the press unattended
- Never place liquid materials in the transfer press. If this does happen, turn the machine off immediately and remove the power cord from the wall socket. Then immediately contact your dealer

Additional instructions:

- When lifting and moving the transfer press, avoid touching the heating element and only the frame must be gripped. Before shipment, the transfer press must be completely cooled down and be packed in the original packaging.
- Keep the press open while heating up or cooling down.
- Keep these safety instructions in a safe place.

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Machine in detail

1 **Pressure knob**

2 **LCD-display**

3 **Heat-element**

4 **On / Off switch**

5 **Fabric gap**

6 **Magnet**

Machine in detail

1. Pressure knob

The pressure knob can be used to increase or decrease the pressure on your product. Pull the handle slightly forward while adjusting pressure. Turn right to increase pressure, turn left de decrease pressure. Follow pressure recommendations provided by the manufacturer of the product.

2. LCD display

Use the LCD control panel to set the transfer press to the preferred settings. More information can be found In the next chapter.

3. Heat element

The top platen is the part of the heat press that becomes hot. The top platen is not fixed in one position and can be slightly tilted. This allows for an optimal pressure distribution that fits exactly to your product.

4. On / Off switch

The on and off switch. Make sure that the power cord is plugged in before switching on the press. Switch the press off again before removing the power cord from the socket.

5. Fabric gap

This indentation in the frame is ideal for loading t-shirts and sweaters onto the base platen without fabric accumulating and causing wrinkles.

6. Magnet

Auto-open magnet. Opens the press automatically once the set time has passed.
Make sure you remove the transport screw/tie-wrap to open the press.

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Display in detail

1 **Temperature**

2 **Status**

3 **Timer**

4 **Pieces**

5 **Menu**

6 **Value**

Display in detail

1. Temperature

This number displays the actual temperature of the heat platen. Wait for the transfer press to heat up to the desired temperature before use.

2. Status

This icon shows that the transfer press is heating up. The desired temperature is reached once the icon has disappeared.

3. Timer

The timer shows the amount of time that is left before the transfer is complete. Once the press is closed the timer will automatically start counting down. Once the time has passed, the machine will beep.

4. Pieces

The pieces counter counts the number of jobs that have been finished. Ideal to keep track of large repetitive orders. The counter can be reset in the menu.

5. Menu

Hold this button for 10 seconds to enter the menu. In the menu, you can set the time and temperature, and reset the pieces counter. You can find more info on how to use the menu in the user manual.

6. Value

These buttons can be used to increase or decrease the temperature and time in the menu. Set the time and temperature to the recommended values for the product you are using.

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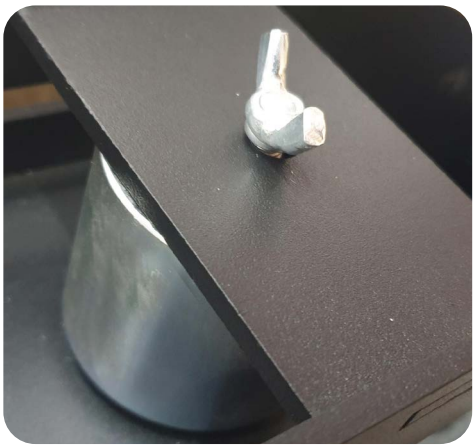
Getting started!

Step 1. Initial setup



Plug the power cord in the power inlet on the side of the press. **Remove the transport screw (located inside the magent) or tie-wrap to open the press for the first time.** Open the press and switch the machine on with the power button.

Step 2. Setting the temperature and time

1. Press and hold (10 sec) the menu button (⚙). The temperature setting will now appear (SP). Use the arrow keys to increase or decrease the temperature.

2. Press the menu button again to set the time (ST). Use the arrow keys to decrease or increase the time.

3. Press the menu button again. To reset the job counter, press up or down.

4. Press the menu button one last time and the press is ready to use.

Time and temperature settings

Which time and temperature settings should you use? Every transfer has its own settings regarding temperature, time, and pressure. For example:
Calortrans turboflex on cotton (HTV) is to be pressed at 150 ºC (302ºF) for 3-5 seconds. **Please consult your transfer dealer for the recommended settings.**

Getting started!

Step 3. The transfer

1. Place the product under the transfer press. If your product contains any parts that are elevated above the design (e.g. buttons, zippers, seams), use a Teflon pillow to redistribute the pressure.

2. If necessary adjust the pressure using the pressure knob. Turn right to increase pressure, turn left to decrease pressure. **Make sure the press is switched on. If the press is not switched on, the magnet will not hold the element in place. Also, make sure there is enough pressure. If pressure is set too low, the press won't open automatically.**

3. Place the transfer (e.g. HTV film or sublimation paper) on top of the product.

4. We advise placing a protective (Teflon) sheet on top of the transfer to keep the press and product from soiling.

5. Press the handle down until it clicks in place.

6. Once the time has passed the press will beep and automatically open. Your transfer is now ready!

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Certification

This product is RoHS certified

RoHS is often referred to as the “lead-free directive,” but it restricts the use of several Hazardous Substances

This product is CE certified

CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA).[1] The CE marking is also found on products sold outside the EEA that are manufactured in, or designed to be sold in, the EEA. This makes the CE marking recognizable worldwide even to people who are not familiar with the European Economic Area. It is in that sense similar to the FCC Declaration of Conformity used on certain electronic devices sold in the United States.

Please find the CE certificate here:
www.calortrans.com/CE

FAQ

My transfer does not stick to the garment, what should I do?

There are several reasons why your transfer does not stick to the garment. First, make sure the transfer you have used is suitable for the garment and the correct settings for that transfer are used. Some fabrics need a special kind of vinyl with special settings. A second and very common reason why the transfer does not stick is a pressure problem. Seams, knots, zippers, and other garment features higher than your transfer might be the culprit. All the pressure and heat from the press will go towards these higher parts of the garment, instead of the transfer. This issue can be fixed by filling up the garment with a Calortrans® Teflon pillow to redistribute the pressure.

The press leaves a print on the garment, what should I do?

Depending on the garment, this might just be temporary. Most of the time the print will disappear after washing. For some garments however it might be permanent. To combat this we recommend using a Calortrans Calortrans® Teflon sheet to protect both the garment and the press. Another solution is lowering the temperature and pressure. Make sure your transfer material is suitable for lower temperatures.

How do I prep my garment?

Prepping the garment is essential for a good stick. We recommend pre-pressing the garment for 3 seconds. This will get rid of any wrinkles on the surface and will vaporize any moisture left in the garment.

I can’t open my press!

For transportation purposes, the press is sealed using a transportation screw located inside the magnet. Make sure you remove the transportation screw to open the press. Sometimes the press is not secured by a screw but a tie-wrap is used.

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FAQ

Should I re-press after removing the backing?

Yes, we recommend re-pressing the shirt once more after the backing of the backing is removed. Make sure you cover the print with a Calortrans® Teflon Coversheet to protect both the shirt and the press.

Why are my sublimation transfers vague around the edges?

Apply more pressure! Sublimation inks vaporize and connect to the closest polyester surface. If not enough pressure is applied the ink parts will “travel” giving a vague shading effect.

Something is wrong with my Calortrans heat press and I need help!

In the unlikely event that something is wrong with your press, please contact your dealer. We work with the best resellers across the world that will help you with any problems related to your transfer press.

How do I make sure my print is in the center on my garment?

Positioning the transfer in the exact right place on your garment can be challenging. Therefore we advise to use a special ruler such as the Calortrans® ruler set. Simply place the ruler on the collar of your apparel and align your design perfectly centered and horizontal!

The press does not open automatically / the press does not stay closed

For the magnet to work as intended, there should be enough pressure. If the press does not open automatically, chances are your pressure is too low. Increase pressure by turning the knob. For the press to stay closed, it is important that the power is switched on.

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