CT-3845

Automatic press- User Manual

More information on
www.calortrans.com

Edition
2026

Table of contents

Welcome	03
Safety Instructions	04
In the box	06
Machine overview	07
Display overview	08
Operating instructions	09
Certification	10
FAQ	11
Support	11

Welcome

Congratulations on your new Calortrans CT-3845 heat press

Thank you for choosing Calortrans. This machine is designed to provide reliable, efficient, and consistent heat-transfer performance for professional use.

Before using the machine, please read this manual carefully. It will help you assemble the press correctly, use it safely, and achieve the best possible results. We wish you many successful projects with your new heat press.

Safety instructions

IMPORTANT SAFETY INSTRUCTIONS!
This manual is intended to help you use the Calortrans CT-3845 safely and correctly. Please read all instructions carefully before operating the machine.

Before use

- Read the entire manual before using the heat press.
- Check the machine for transport damage upon delivery.
- Let the machine acclimatize at room temperature for at least 30 minutes before use to prevent moisture-related issues or short circuits.
- Only place the heat press on a stable, level surface.
- Use the machine only for heat-transfer applications for which it is intended.
- Connect the power cord directly to a wall outlet. Do not use an extension cord.
- The recommended ambient temperature is 15°C to 50°C, with relative humidity up to 70%.
- Before connecting the machine, make sure the power supply matches the machine requirements.
- Do not use the machine if the power cord is damaged.
- In the event of damage or malfunction, do not open the machine. Contact your dealer immediately.
- Keep the machine away from children and unauthorized persons due to the risk of burns and crushing injuries.
- Keep the machine away from moisture, dirt, dust, strong vibrations, and impacts.
- The manufacturer accepts no liability for damage or injury caused by improper use.

During operation

- Work carefully and avoid direct contact with the heated platen.
- Always switch the machine off using the power button. Do not unplug the machine to turn it off.
- Keep hands and other objects away from moving and heated parts during operation.
- Do not touch the upper platen during or immediately after use.
- Make sure the power cable does not touch hot surfaces.
- Never leave the machine unattended while it is switched on.
- Never place liquids on or inside the machine. If liquid enters the machine, switch it off immediately, unplug it, and contact your dealer.

Additional information

- When lifting or moving the machine, hold only the frame. Do not touch the heated platen.
- Before transport, allow the machine to cool down completely.
- If possible, repack the machine in its original packaging for transport.
- Keep the press open while heating up or cooling down.
- Store this manual in a safe place for future reference.

Warning symbols

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 High Voltage!

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!

Warning General danger

In the box

Box Contains

1. CalorTrans CT-3845 Press
2. Power Cord
3. Sliding handle

1

2

3

This handle mounts without tools thanks to the built-in threaded inserts

Technical specifications

Voltage	230V
Power	1800W
Dimensions	63,5x40,5
Height	76cm (open)
Dimensions (plate)	29,7x42 cm
Temperature	up to 220 °C
Timer	1 -999 sec
Pressure	Manually

30 kg
Weight

CE RoHS

Machine Overview

1. Upper plate

The heated upper plate that applies heat and pressure.

2. Lower plate

The lower work surface that supports the garment or substrate during pressing.

3. LCD display

Shows the current temperature, set temperature, and timer.

4. Pressure adjustment knob

Used to increase or decrease the pressing pressure.

5. Emergency Stop Button

The emergency button instantly unlocks and releases the heat plate.

6. Power Connection

The connector where the power cable is plugged in to supply electricity.

7. Sliding Handle

Slide the handle outward to increase access to the pressing area.

This handle mounts without tools thanks to the built-in threaded inserts

8. Magnet

The magnet holds the press closed during operation and releases automatically when the timer ends.

www.calortrans.com

Display

1. Actual Temperature

This value shows the current temperature of the heat plate. Wait until the press reaches the set temperature before use.

2. Heating 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. Temperature

This value shows the target temperature.

5. Menu

Press and hold this button for 10 seconds to enter the menu. In the menu, you can set the time and temperature and reset the piece counter.

6. Value

Use these buttons to increase or decrease the temperature and time in the menu.

Operating instructions

Before starting

1. Make sure the machine is properly assembled.
2. Connect the machine to the power supply.
3. Switch on the machine.
4. Set the required temperature and pressing time.
5. Wait until the machine reaches the set temperature.

Pressing a transfer

1. Place the garment or substrate on the lower platen.
2. Position the transfer material correctly.
3. Use the laser alignment if needed.
4. Make sure the material is flat and properly aligned and close the heat press.
6. The press will open automatically and the timer will begin counting down.
8. Remove the product carefully, as it may still be hot.

After use

1. Switch off the machine using the power button.
2. Leave the press open while cooling down.
3. Allow the machine to cool completely before cleaning, moving, or storing it.

Certification

This product is RoHS compliant

This product complies with the Restriction of Hazardous Substances (RoHS) requirements.

This product is CE marked

This product carries the CE mark and complies with the applicable European health, safety, and environmental requirements.

For official compliance documents, please contact Calortrans or your dealer.

FAQ

My transfer does not stick to the garment. What should I do?

There can be several reasons for this. First, make sure the transfer material is suitable for the garment and that you are using the correct time, temperature, and pressure settings.

Another common cause is uneven pressure. Seams, zippers, buttons, and thick areas may prevent the transfer from receiving enough pressure. In that case, use a Teflon pillow to create a more even pressing surface.

The press leaves a mark on the garment. What should I do?

Depending on the garment, the mark may be temporary and disappear after washing. On some materials, however, the mark may remain visible.

To reduce this risk, use a Teflon sheet to protect the garment and the press. You can also try lowering the temperature and pressure, as long as the transfer material allows it.

How should I prepare my garment?

Pre-pressing the garment is recommended. Press it for about **3 seconds** before applying the transfer. This helps remove wrinkles and moisture from the fabric.

Should I re-press after removing the carrier sheet?

Yes. We recommend pressing the garment once more after removing the carrier sheet. Cover the design with a Teflon cover sheet to protect both the print and the garment.

Why do my sublimation transfers look blurry around the edges?

This is usually caused by insufficient pressure or movement during pressing. Sublimation ink turns into gas during transfer. If the pressure is too low, the ink can spread beyond the design area, causing a blurry or shadowed edge.

Increase the pressure and make sure the substrate does not move during pressing.

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

If you experience a problem with your press, please contact your dealer. Your dealer can help you with troubleshooting, service, and support.

Support:

If you need technical assistance, spare parts, or service support, please contact your Calortrans dealer.

For more information, visit: www.calortrans.com