



# CT-MT

Tumbler - User Manual

More information on  
[www.calortrans.com](http://www.calortrans.com)

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## Welcome

Congratulations on your new Calortrans CT-MT Tumbler 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-MT Tumbler Press safely and correctly. Please read all instructions carefully before operating the machine.

#### Before use

- Read the entire manual before using the tumbler 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 machine 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.

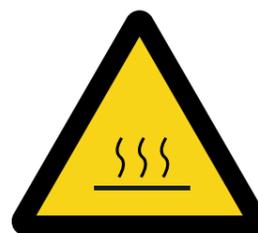
#### During operation

- Work carefully and avoid direct contact with the heating element.
- Always switch the machine off using the power switch. 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 heating element 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 heating element becomes hot according to the selected temperature settings. There is a risk of burns if touched.



#### Warning high voltage!

Electrical components inside the machine may carry hazardous voltage. Disconnect the machine from the power supply before inspection or service.



#### Warning crushing danger!

During operation, the press closes tightly around the tumbler. Keep hands and other objects away from the pressing area to prevent injury.



#### Warning general danger!

Read and follow all instructions before operating the machine.

## Safety instructions

### Box Contains

1. Calortrans CT-MT Tumbler Press
2. Power Cord
3. Heating element



## Machine overview



### 1. On/Off switch

Turns the machine on and off. Make sure the power cord is connected before switching on the machine. Always switch the machine off before unplugging it.

### 2. LCD display

The easy-to-use LCD display shows the current temperature, time and machine status. By holding the wheel button for 10 seconds, the desired temperature or time can be adjusted.

### 3. Heat-element

The element is the part of the heat press that becomes hot. The element can easily be switched for other (optional) size elements.

### 4. Pressure Adjustment knob

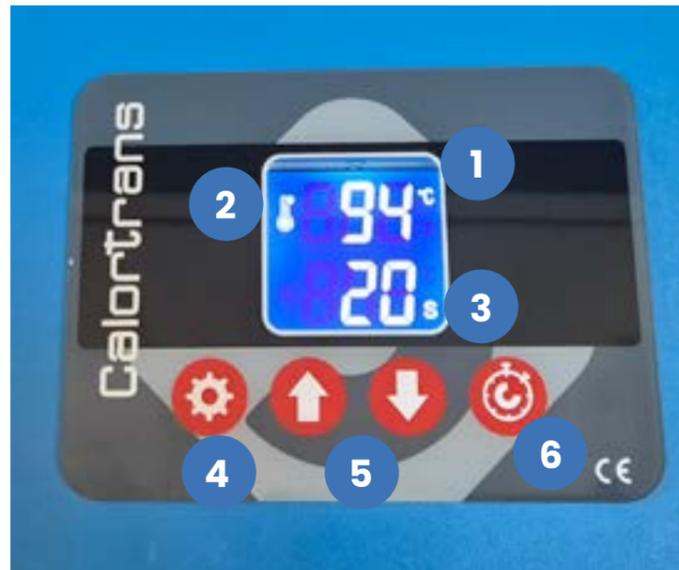
Used to increase or decrease the pressure on the tumbler. Turn it to the right to increase pressure and to the left to decrease pressure. Always follow the pressure recommendations for the product you are using.

## Technical specifications

Heat Element	Incl. Ø70 (200mm length)
Voltage	230V
Power	300W
Dimensions	36,5x23,5cm
Temperature	up to 220 °C
Timer	1 - 999 sec
Pressure	Manually



## Display overview



### 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. 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.

### 5. Value buttons

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.

### 6. Start button

This button starts the timer. You do not have to use this button as the timer automatically starts when closing the press.

## Operating instructions

### Before use

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

### Pressing a tumbler

1. Prepare the tumbler according to the transfer material instructions.
2. Position the printed transfer correctly around the tumbler and secure it if needed.
3. Adjust the pressure so the tumbler fits firmly inside the heating element.
4. Insert the tumbler into the press.
5. Close the press securely.
6. Press the Start button to begin the timer.
7. When the cycle is complete, the machine will beep.
8. Open the press carefully.
9. Remove the tumbler carefully, as it will be hot.

### After use

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

## FAQ

### Why is the design blurry or ghosting?

This can happen if the transfer paper shifts during pressing. Ensure the design is securely taped and the tumbler is firmly positioned.

### Why is my print faded or uneven?

Possible causes include:

- Incorrect temperature
- Insufficient pressure
- Incorrect pressing time
- Improper alignment of the transfer

### The transfer is uneven. Why?

Uneven results are often caused by incorrect pressure or by using a tumbler that does not fit the heating element properly. Make sure the tumbler fits snugly and that pressure is evenly applied.

### The tumbler is difficult to fit into the press. What should I do?

Reduce the pressure slightly using the pressure adjustment wheel. Never force the tumbler into the machine, as this may damage the tumbler or the heating element.

### Can I use different tumbler sizes?

Reduce the pressure slightly using the pressure adjustment wheel. Never force the tumbler into the machine, as this may damage the tumbler or the heating element.

### 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 or service support, please contact your Calortrans dealer.

For more information, visit: [www.calortrans.com](http://www.calortrans.com)

## Certification

### This product is RoHS marked

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.