



## **MANUAL**

**for heat press**

**Secabo TC2**

Congratulations on your purchase of your Secabo heat press! In order to work professionally with the machine and start production, please make sure you read this manual carefully. Reproduction of this manual requires written consent of Secabo GmbH. Errors and amendments of technical details excepted, all rights reserved. Secabo GmbH is not liable for any direct or indirect damages caused by the use of this product.

*Version 1.0 (17.06.2015)*

# Overview

## Secabo TC2 heat press

With its TC2, Secabo offers the perfect heat press for taking first steps in the world of textile finishing and other transfer techniques. The TC2's compact size also makes it the ideal candidate for implementation as a mobile heat press. Its portability is perfect for use in the field of merchandising for sport events, bands and other activities. The Secabo TC2 features a digital controller, which allows pre-setting the transfer's time and temperature. An acoustic signal sounds after the set time has expired. The contact pressure can be set using a hand wheel on the upper side of the heat plate. The pressing process is initiated by closing the press lever. The large opening angle allows for comfortable preparation of the transfer objects on the base plate. The TC2 is equipped with a work surface of 23cm x 33cm and a heat plate with a power consumption of 1,000kW.

- favourable heat press for beginners
- mobile press for use in the field of merchandising and events
- large opening angle
- digital controller for time and temperature
- high heat power

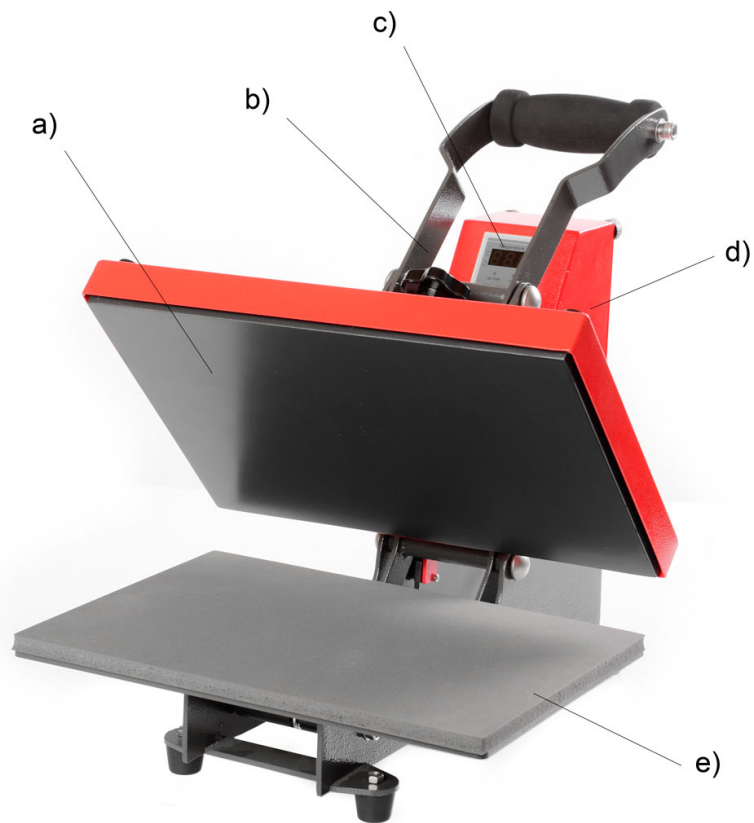
## Safety precautions

Please read these instructions and safety precautions carefully before using your press for the first time!

- Never reach into the heat press with your hands when it is connected to the power supply, particularly when it is switched on and heated up – danger of severe burns!
- Never open the housing or attempt to modify the machine yourself.
- In case you are requested by the Secabo customer support to open the heating plate cover, please make sure you are wearing respiratory protection and only touch the contained insulation wool with gloves. Any disposal of the wool must be contained in a closed bag.
- Ensure that liquids and metal objects do not get into the inside of the heat press.
- Ensure that the power socket used is grounded. Note that it is only permissible to operate a heat press from a power socket protected by a ground fault protection switch..
- Disconnect machine from power outlet when not in use!
- Never operate the heat press within the reach of children and never leave the machine unsupervised when switched on.
- Ensure that the machine is used only in dry rooms.

**If you cannot observe one or more of the safety precautions above, or if you are not sure whether all points are satisfied, please contact our Technical Support Department.**

## Machine description



- a. Heating plate
- b. Press lever
- c. Digital controller for time and temperature
- d. Connection for power supply and power switch (not shown)
- e. Base plate

# Controller



With a digital controller, temperature (°C und °F) and pressing time in seconds can be adjusted.

## Operation

- Connect the heat press to a 230 V power socket using the connection cable supplied.
- Switch on the press with the red rocker switch.
- Press the **SET** button in the **Temperature** area to set the desired temperature by pressing the arrows. Confirm the value by pressing the **SET** button once again.
- Press the **SET** button in the **Time** area to set the desired time by pressing the arrows. Confirm the value by pressing the **SET** button once again.
- The press heats up.
- You can now make the first transfers. The timer starts running as soon as the press is closed with the press lever.
- 3 seconds before the end a warning signal sounds.
- After the set time has expired, the press has to be opened manually.
- The contact pressure can be adjusted with a wheel on the surface of the press. Clockwise rotation causes less pressure - counter clockwise rotation causes more pressure.
- The settings cannot be changed during pressing.

**Note: Please note that a certain time is required before the press cools down after it is switched off.**

## Maintenance and cleaning

Maintenance work should always be accomplished with the press switched off and cooled down. The plug must first be disconnected from the power socket. Consult Technical Support before carrying out any maintenance work.

Clean the press regularly with a soft cloth and mild household cleaner to remove adhesive residues etc. Never use scouring sponges, solvents or gasoline!

## Recommended times and temperatures

These values are only guidelines; they can vary from material to material and should always be checked before pressing.

Material	Temperature	Pressure	Time
Flock film	170°C - 185°C	light-medium	25s
Flex film	160°C - 170°C	medium-high	25s
Sublimation flex	180°C - 195°C	medium-high	10s - 35s
Sublimation on ceramic mugs	200°C	medium-high	150s - 180s
Sublimation on tiles	200°C	high	120s - 480s (depending on thickness of material)
Sublimation on jigsaw puzzles	200°C	light-medium	25s
Sublimation mousepads	200°C	medium	20s - 40s
Sublimation on textiles	200°C	medium-high	30s - 50s
Sublimation on metal plates	200°C	high	10s - 50s (depending on thickness of material)

**Important note:** You should carry out your own tests with the transfer material and backing to be used before starting production. The values given above and the manufacturer's own figures are only intended as a guide. You should establish the washability and behaviour during transfer in

your own tests.

The recommended values do not imply a guarantee. The user is responsible for determining and using the appropriate setting for his particular conditions.

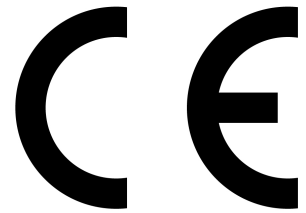
**Note for textile work:** After pressing, allow textiles to cool down before removing any type of backing from the transfer material. The hot glue in the transfer material develops its adhesive force only in the cold state. If the adhesive does not stick in the cold state, it may have been pressed too cold or for too short a time.

## Technical data

<b>Heat press</b>	<b>Secabo TC2</b>
<b>Type</b>	manual clam heat press
<b>Work surface size</b>	23cm x 33cm
<b>Max. temperature</b>	255°C
<b>Max. time setting</b>	999s
<b>Max. contact pressure</b>	150g/cm <sup>2</sup>
<b>Pressure adjustment</b>	height adjustment of the base plate using the hand wheel
<b>Power supply</b>	230V / 50Hz - 60Hz, 1,0kW
<b>Ambient conditions</b>	+ 5°C - +35°C / 30% - 70% humidity
<b>Weight</b>	19kg
<b>Dimensions (W x H x D)</b>	34cm x 40cm x 46cm

# Statement of Conformity - Konformitätserklärung

We herewith declare under sole responsibility that the under „technical data“ mentioned product meet the provisions of the following EC Directives and Harmonized Standards:



Hiermit erklären wir in alleiniger Verantwortung, dass das unter „Technische Daten“ genannte Produkt mit den Bestimmungen der folgenden EG-Richtlinien und Normen übereinstimmt:

EG-Richtlinien / EC Directives:

2006/95/EG Niederspannungsrichtlinie

2006/95/EC Low Voltage Directive

98/37/EG Maschinenrichtlinie (2006/42/EG ab 29.12.2009)

98/37/EC Directive on machinery (from 2009-12-29: 2006/42/EC)

Norm / Standard:

EN 60204-1:2006

Technische Dokumente bei / Technical documents at:

Secabo GmbH, Hochstatt 6-8, 85283 Wolnzach, Germany

A handwritten signature in black ink, appearing to read 'Fabian Franke'.

Dipl. Ing. Fabian Franke

A handwritten signature in black ink, appearing to read 'Bernhard Schmidt'.

Dipl. Ing.(FH) Bernhard Schmidt