



MANUAL

for heat presses

Secabo TC5 and TC7 Highflyer edition

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 (16.07.2013)

Overview

Secabo TC5, TC7 heat presses highflyer edition

The new Secabo TC5 and TC7 highflyer clam presses are automatically opening clamshell presses. It is not necessary to wait, while the transfer is pressed. After the desired timer has finished, the heat presses open automatically and announce this with an acoustic signal (3 seconds before the end). With a large digital controller, temperature and pressing time can be adjusted. A counter counts the number of transfers that have already been made during the current session. The counter can be reset at any time. The contact pressure can be adjusted with a wheel on the surface of the heat plate. A quick change system for the Secabo TC5 und TC7 highflyer as well as different exchangeable base plates are also available.

- press opens automatically
- digital controller for temperature, time and counter
- storable settings for temperature and time
- easily adjustable contact pressure
- suitable for all common transfer methods

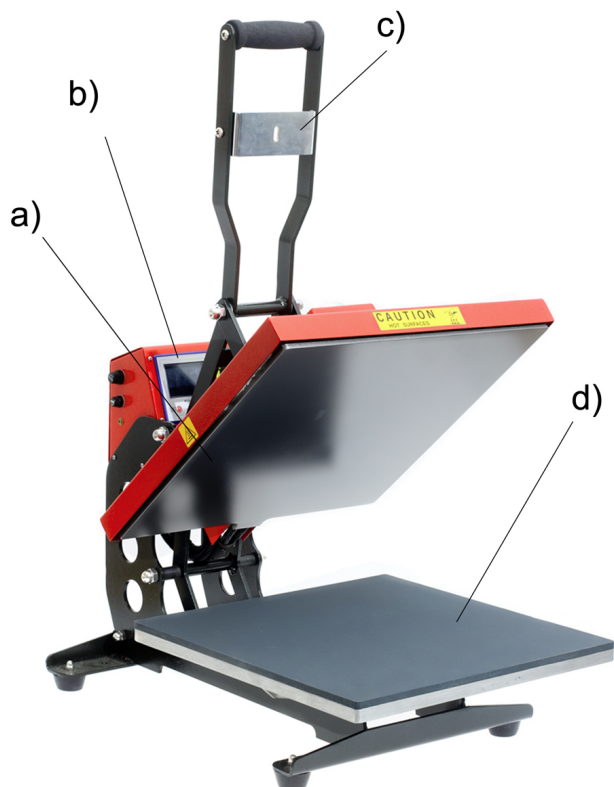
Safety precautions

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.

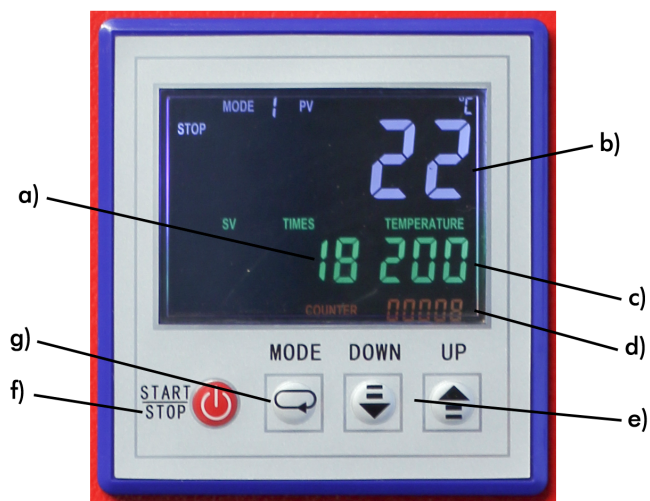
If you cannot observe one or more of the safety precautions above, or if you are not sure whether all points are satisfied, please contact our Technical Support Department.

Machine description



- a. heating plate
- b. digital controller for time, temperature and the counter
- c. magnet plate, electro magnet not shown
- d. base plate

Controller



- a. heating plate
- b. digital controller for time, temperature and the counter
- c. magnet plate, electro magnet not shown
- d. base plate
- e. MODE button
- f. START STOP button
- g. DOWN button

- a. actual value for time settings, counting backwards to 0, when heat press is closed
- b. actual temperature
- c. target temperature
- d. counter for completed transfers
- e. button to increase and reduce values
- f. button to start/stop heating
- g. button to start the programming mode for time- and temperature settings

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.
- "STOP" is displayed on the controller
- Press th "MODE" button as long as you hear an acoustic signal
- Use "UP" or "DOWN" to set the desired temperature and press OK.
- Press the "MODE" button
- Use "UP" or "DOWN" to set the desired time and press OK.
- If desired press "MODE" and then "UP" until an acoustic signal appears to reset the counter. This point can be skipped.
- Press the "MODE" button as long as you hear an acoustic signal
- Press the "START/STOP" button to start heating to the set temperature. "STOP" and "OUT" is displayed alternately on the temperature controller while the press is heating.
- Actual value PV rises to the set temperature.
- A signal is heard when the set temperature is reached. "STOP" and "HOLD" are displayed on the controller; the press is ready for operation.
- You can now make the first transfers.
- 3 seconds before the end a warning signal sounds. After the set time has expired, the press opens automatically.
- 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.
- Each time the pressing process is completed, the counter display increments by one after the set time has expired.
- You can reset the counter by pressing RESET for longer than 5 seconds.

Storage and retrieval of temperature and time

- Press "DOWN" until "PE" appears on the display.
- By pressing "UP" and "DOWN" modes 1-9 or A, B, C can be controlled.
- Setting of temperature and time for the individual modes works as described in the previous chapter.
- The desired mode is activated automatically, when neither pressing "UP" nor "DOWN" for 2 seconds.
- Retrieval of the different modes works as well as editing, by pressing "DOWN" until "PE" appears on the display - choose the saved mode by pressing "UP" or "DOWN" - wait for 2 seconds.

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.

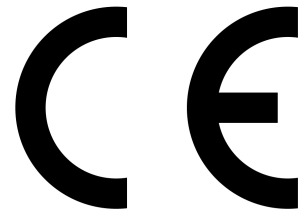
Note for textile work: After pressing, allow textiles to cool down before removing any type of backing from the transfer material. The hot glue in the transfer material develops its adhesive force only in the cold state. If the adhesive does not stick in the cold state, it may have been pressed too cold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

Technical data

Heat press	Secabo TC5 highflyer	Secabo TC7 highflyer
Type	auto open heat press	auto open heat press
Work surface size	38cm x 38cm	40cm x 50cm
Max. temperature	225°C	225°C
Max. time setting	9999s	9999s
Max. contact pressure	250g/cm ²	250g/cm ²
Pressure adjustment	height adjustment with a hand wheel above the heating plate	height adjustment with a hand wheel above the heating plate
Power supply	230V / 50Hz - 60Hz, 2,5kW	230V / 50Hz - 60Hz, 2,5kW
Ambient conditions	+ 5°C - +35°C / 30% - 70% humidity	+ 5°C - +35°C / 30% - 70% humidity
Weight	35kg	45kg
Dimensions (W x H x D)	39cm x 43cm x 63cm	41cm x 55cm x 71cm

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', written over a horizontal line.

Dipl. Ing. Fabian Franke

A handwritten signature in black ink, appearing to read 'Bernhard Schmidt', written over a vertical line.

Dipl. Ing.(FH) Bernhard Schmidt