



## **MANUAL**

**for membrane-base plates**

**45cm x 45cm and 47cm x 57cm**

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.

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*Version 1.0 (22.01.2016)*

# Overview

## Secabo membrane-base plates

- For retrofitting of many older and more or less all new Secabo heat presses.
- Large differences in height and unevennesses of transfer objects can be compensated.
- The actual contact pressure is displayed at all time.
- The pressure can be set reproducibly.
- No compressor needed, passive membrane with inflation bulb and a release valve.
- For direct mounting or in combination with the quick-change-system or Slide.

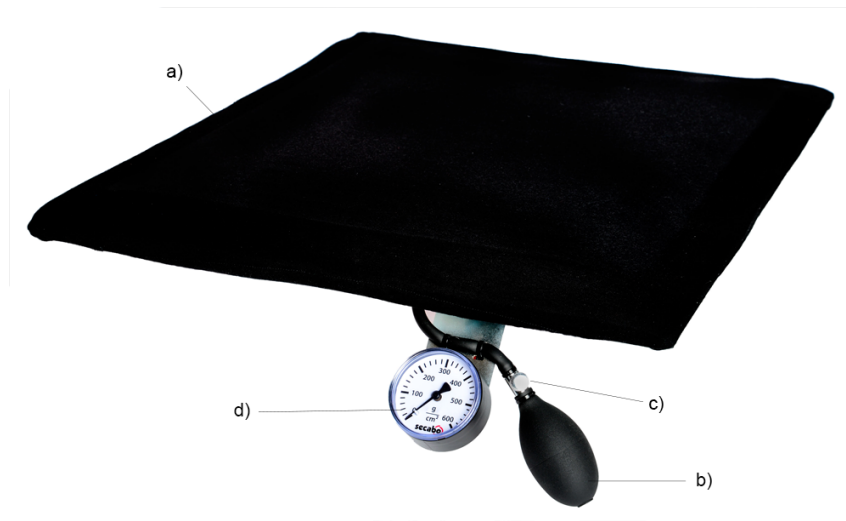
## Safety precautions

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.
- Do not inflate the membrane too much. Even the membrane plate is blown-up there should be no increased physical effort to close the 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.**

## Device description



- a. Membrane plate
- b. Inflation bulb
- c. Release valve
- d. Manometer for pressure display

## Initial operation

- Tighten supplied manometer with the screw nuts from beneath onto the membrane plate - in the front right corner.
- Mount the membrane-base plate onto the appropriate Secabo heat press (screws included), or onto suitable quick-change-system or Slide-extension.

## Controller



With a large digital controller, temperature (°C und °F) and pressing time can be adjusted. The green digits are showing the theoretical value, the white digits are showing the actual value. A counter (at the right bottom) counts the number of transfers that have already been made since the last reset. The counter can be reset at any time..

## Operation

- Pump up the membrane with the inflation bulb until all unevennesses of your transfer object are compensated. Do not blow up the membrane too much. The curvature in the middle of the membrane should not be over 5cm when it is not under load.
- By turning the black hand wheel the pressure can be adjusted. Clockwise rotation results in higher pressure and counterclockwise rotation leads to lower contact pressure.
- The actual pressure of the closed heat press is displayed in g/cm<sup>2</sup> on the manometer.
- While the press is closed the contact pressure can be adjusted by further inflation of the membrane plate. To reduce pressure loosen the silver screw next to the inflation bulb.

**Note: The higher the contact pressure, the faster and more powerful the press opens. To prevent from injuries keep away your head and extremities from the lever of the press.**

## 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

<b>Sublimation on tiles</b>	200°C	high	120s - 480s (depending on thickness of material)
<b>Sublimation on jigsaw puzzles</b>	200°C	light-medium	25s
<b>Sublimation mousepads</b>	200°C	medium	20s - 40s
<b>Sublimation on textiles</b>	200°C	medium-high	30s - 50s
<b>Sublimation on metal plates</b>	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.