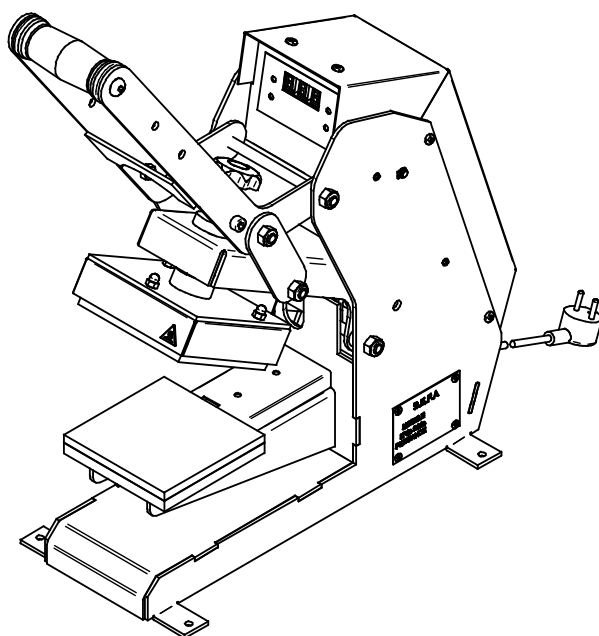


INSTRUCTION MANUAL

LE 130 L



S.E.F.A.®

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I. CONDITIONS OF GUARANTEE

- The guarantee period starts the day of putting the equipment into service at the user's place, for a duration of one year, that is to say 2000 hours.
- The guarantee is strictly limited to our equipments, against the defects of matter and execution, with the buyer's responsibility to prove the known defects.
- Our responsibility is limited to the obligation to rectify or replace free of charge the parts acknowledged as faulty by ourselves, and there will no claim for any indemnity whatever the reason given.
- Parts replaced under the guarantee:
 - remain our property,
 - are the subject of an invoicing of deposit,
- A credit of cancellation is activated as soon as the faulty parts are returned. The return will have to occur ONE MONTH MAXIMUM after the intervention.

• **THE GUARANTEE DOES NOT COVER:**

- The retail consumables such as: fuses, bulbs, transformers, joint, flexible devices.....
- The supplies, which are not our own manufacturing, undergo the guarantee of their manufacturer.

• **THE GUARANTEE DOES NOT APPLY:**

- To replacements, nor repairs which would result from normal wear and tear of apparatus and machines, of deteriorations and accidents coming from negligence, defect of monitoring and maintenance, defective use or modifications without our written agreement.
- In case of vice coming from the material supplied by the buyer, or a design imposed by the latter.
- To repairs which would result from deteriorations or accidents occurred during transport.
- To operations of maintenance and adjustments inherent in the use of the machine, and indicated in the maintenance manual, such as: adjustments of intermediaries, screwing of piping, etc...



For the pneumatic machines, any trace of detergent oil in the pneumatic circuit inhibits the conditions of guarantee previously mentioned.

For any technical information or spare parts orders, please give the reference number of the machine as well as its serial number.

II. SPECIFICATIONS

Weight in running order	15Kg
Height	619 mm
Depth	628 mm
Width	233 mm
Dimension of the heating plate	130 x 130 mm
Elerctric power supply	230 V Monophasé + terre 50/60 Hz
Power	400 W
Amperage	2 A
Thermoregulator	
Accurate to	+/- 2% %
Range of control	0 à 300 °C
Timer	
Accurate to	+/- 2%
Range of control	1 à 959 sec
Working pressure	Mini 2 bar – Maxi 10 bar

Non contractual document: according to technical progress, we reserve ourselves the right to modify the characteristics of our products.

Some of these specifications are mentioned on the company plaque that you will find on the machine.

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MODELE

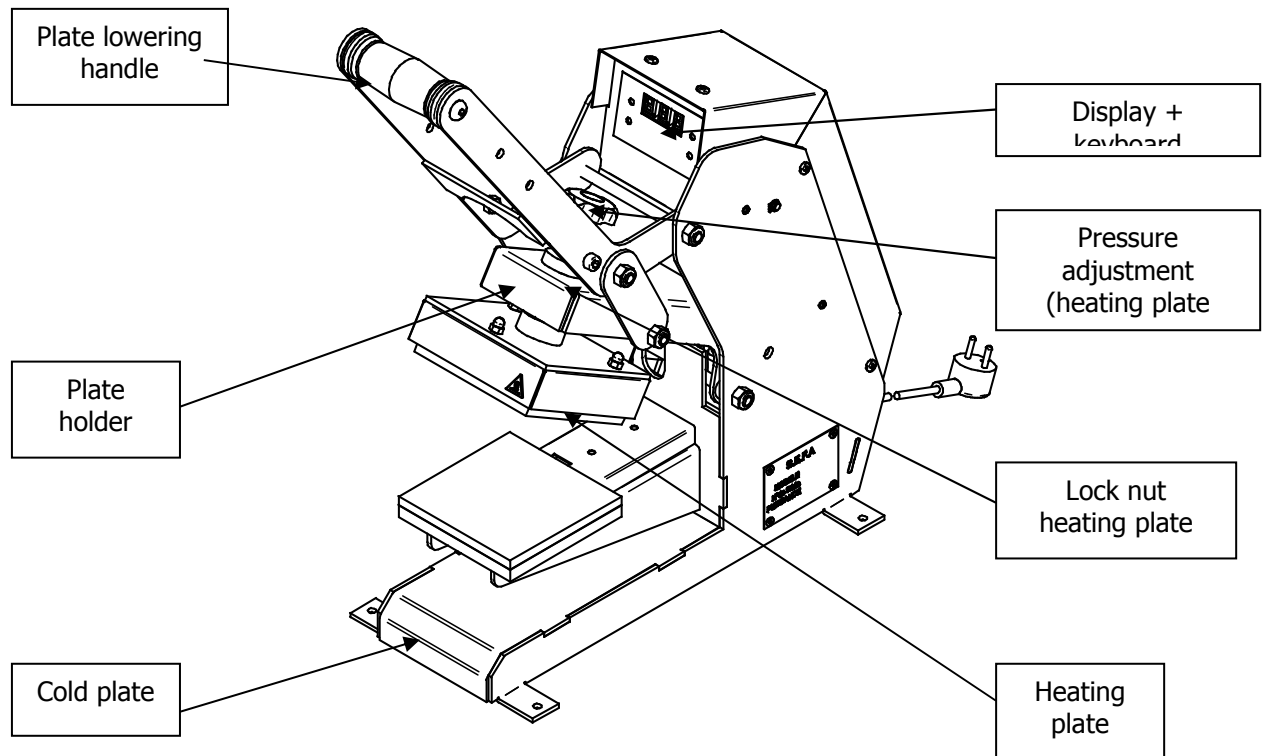
N° de Série

PUISSANCE

CE Année de Fab.

Made in France.b

III. GENERAL POINTS



This heat seal press is standard to the article L 233-5 of the labour laws, to ensure the safety of the user.

Its design enables it to ensure a small production while keeping a total reliability.

This press was designed for an operator working opposite the machine.

IV. USE OF THE MACHINE

The press LE 130 L was designed for the application of transfers of all qualities in small and medium mass production.

This equipment was tested in our workshops to obtain a one-year guarantee against any manufacturing vice.

The electrical and mechanical adjustments carried out by our technicians in workshop as well as workshops as well as the safety measures established on the machine should not be modified in any case. Otherwise, the company S.E.F.A ® will deny all responsibility on potential problems linked to the machine concerned.

Before starting any operation of pressing, it is recommended to read carefully the safety instructions as well as the directions for use.

The press will have to be used by an enabled person having been informed of the risks which can be caused by wrong use of the equipment.

A. SAFETY

THIS EQUIPMENT IS DESIGNED FOR SINGLE USE ONLY






USE BY QUALIFIED STAFF ONLY

1. International symbols




You will find most of these symbols on S.E.F.A ® machines.

2. Some significant points for the staff safety:

-  Avoid touching the hot parts of the machine while in use.
-  When you need to manipulate the machine, make sure that the operator does not risk anything in term of burn, electrocution or other.
-  Carry out a daily inspection of the machine before starting the production.
-  In the zone surrounding the machine, ensure that nobody is around before starting.
-  If the machine does not work properly, immediately cut the energy supply and look for the cause making use of the book's chapter "Service".

3. Safety device on the machine:

-  Protections and security devices should not be modified. They must be put together again in case of possible removal for maintenance.
They must be kept in place and in good condition during normal operation.

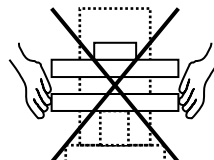
As the LE130L is a machine actioned manually, the risks taken by the operator are only the consequence of his acts.

B. INSTALLATION

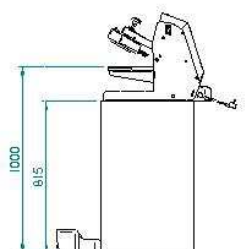
USE BY QUALIFIED STAFF ONLY



Do not manipulate the machine by the plates !



- Unpack the machine from its box.
- Place it on a stable table handling it by its frame.
- Ergonomic height advised for the table : 865mm
- After having correctly positioned the equipment on its processing site:
- Electrically plug the press (220 Volt + Earth / 50 or 60 Hertz)



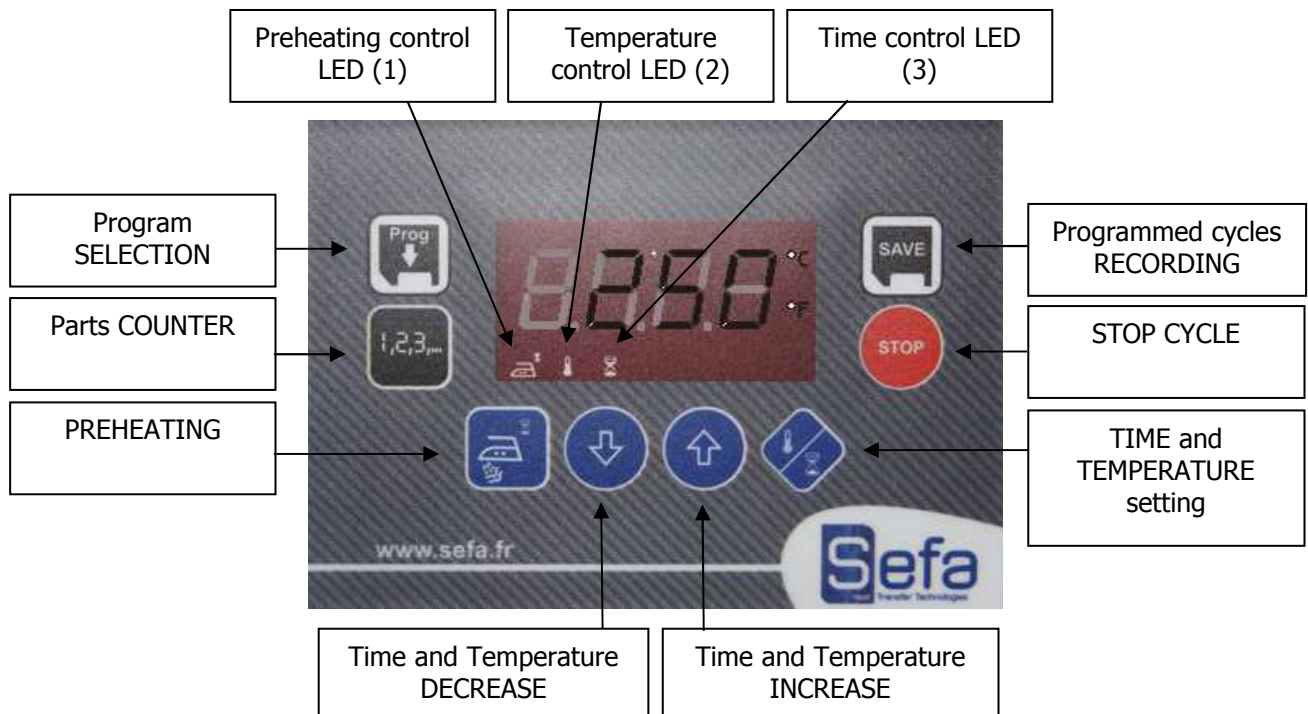
C. DESCRIPTION OF THE RUNNING CYCLE

1. The operator will have to power the machine up with the main switch at the back of the machine (the screen lights up and indicated the preset values in workshop after a welcome message),
2. Set the temperature with the keyboard (to define according to the type of transfer),
3. See SETTING §**Erreur ! Source du renvoi introuvable.**
4. Set the pressing time with the keyboard (to define according to the type of transfer),
5. See SETTING §**Erreur ! Source du renvoi introuvable.**
6. Adjust the pressure thanks to the wheel situated on the plate holder arm,
7. See SETTING §V.C
8. Position the item to mark on the inferior plate,
9. Adjust the transfer sheet,
10. Lower the heating plate actioning the lowering handle,
11. When the plate is in contact with the item, the timer starts its countdown,
12. At the end of the countdown, a buzzer rings and the plate is opening automatically,
13. Start the operation again from no. 8 if the adjustment do not change (otherwise no.2).

V. SETTINGS

USE BY QUALIFIED STAFF ONLY

A. CONTROL PANEL




B. USING THE CONTROL PANEL


1. Pressing time and temperature settings



a) Pressing time

Press TIME/TEMPERATURE key  : the LED ③ lights and indicates that you can set the pressing time. The default value is set to 15 seconds.


You can change this value with the INCREASE key  or the DECREASE key  key. Confirm

Confirm the desired value by pressing again on the TIME/TEMPERATURE  key. Now, you can adjust the set point temperature.

b) Temperature

After setting the pressing time, the LED ② lights and indicates that you can adjust the set point temperature. The default value is set to 180° C.

You can change this value by pressing the INCREASE  key or the DECREASE  key.

Confirm the desired value by pressing again on the TIME/TEMPERATURE  key. Now, the press is ready to work.

2. Preheating cycle



The press is provided with a secondary timer for preheating. This function allows you preheat the textile before installing the transfer.

a) Preheating time setting

Pressing PREHEATING  key, The LED ① lights.

You can change the value with the INCREASE  key or the DECREASE  key.

Confirm the value by pressing again on the PREHEATING  key.

If the value is 0 (default value), the preheating cycle will not be performed.

b) Running

Install the textile without transfer on the plate.


Lower the heating plate : the secondary counter starts and the LED ① lights. At the end of the countdown, the buzzer rings and the press open automatically.

Install the transfer on the textile and lower the heating plate.

The main counter starts and the LED ③ lights. At the end of the countdown, the press open automatically.

Nota : the preheating temperature is the same as the set point temperature.

3. Stop Cycle

At any time, you can stop the cycle by pressing the STOP CYCLE  key. The press open automatically and the countdown stops.


4. Recording programmed cycles




You can record on this press up to 3 programs with different set points.

- Preheating time

- Pressing time
- Temperature

For recording the last set points used, press the RECORDING  key.
The display lights up with the program name to be recorded (First Pr1).

Choose the program name you want to be recorded by successive pressures on RECORDING  key :
Pr1 → Pr2 → Pr3 → Pr1...

Press during 3 seconds on the RECORDING  key to save the program.


The default value for the 3 programs Pr1 to Pr3 is :

- 180° C. for the temperature
- 15 seconds for the pressing time
- 0 second for the preheating time

5. Selection of programmed cycle



To select a recorded program, press on the SELECTION  key : the screen displays the last program used.
Press the key until the display of the desired program.

Keep the SELECTION  key pressed while 3 seconds to confirm your selection.
The buzzer sound indicates the selection success.

The temperature set point, the preheating time and the pressing time according to the selected program will be loaded automatically.


6. Parts counter



The press has 2 parts counters :


- An erasable counter, with a possible reset
- A main counter, without reset.

a) Erasable counter

Press one time on COUNTER  key : the screen displays during 5 seconds the number of cycles performed with success since the last reset.

A pressure of 3 seconds will reset the counter.

b) General counter

Press 2 time on COUNTER  key : the screen displays the total number of cycles performed, into hundreds of pressing (Example : 230 indicates 23000 parts).
Reset is not possible.

After 3 seconds, the screen returns to the normal display.

7. Warnings

Message on the screen	Due to	Effect
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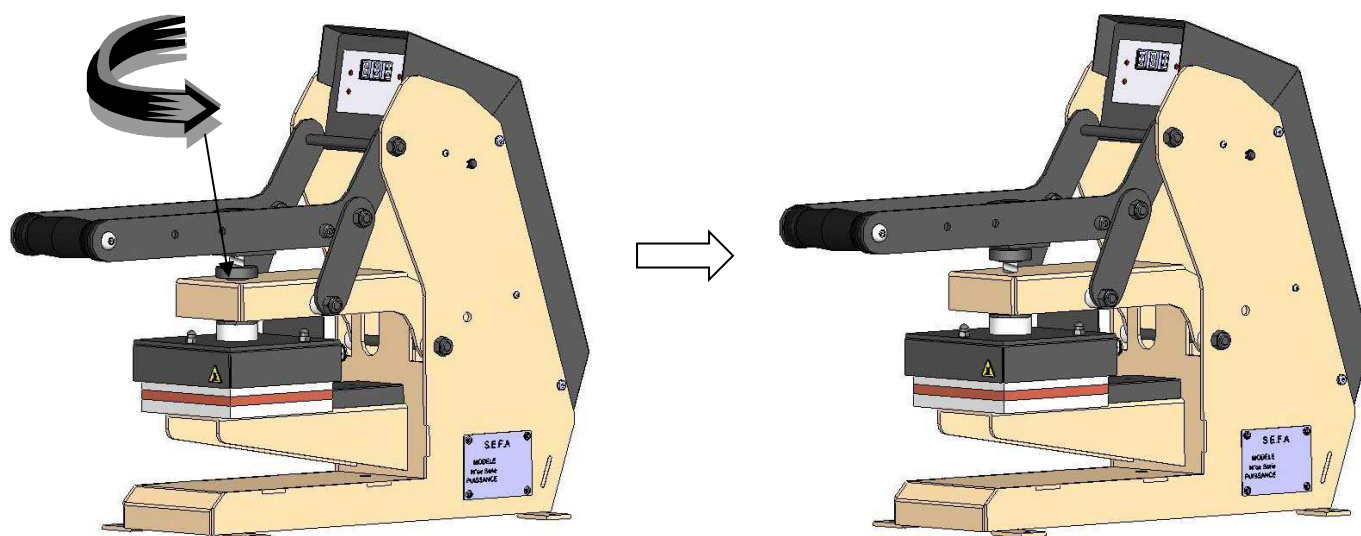
<i>Er1</i>	<i>Temperature probe default</i>	<i>Heating relay off</i>
<i>Err</i>	<i>Card probe default</i>	<i>Heating relay off</i>
<i>Col</i>	<i>Keyboard connection alarm</i>	<i>Relay off</i>

Each alarm is accompanied by the activation of the buzzer, which can be stopped by pressing any key.

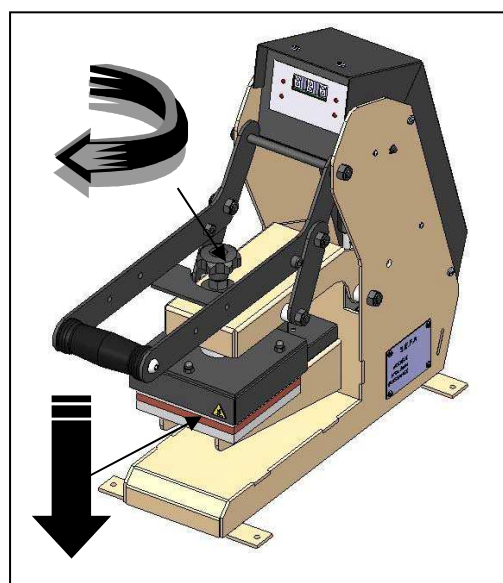
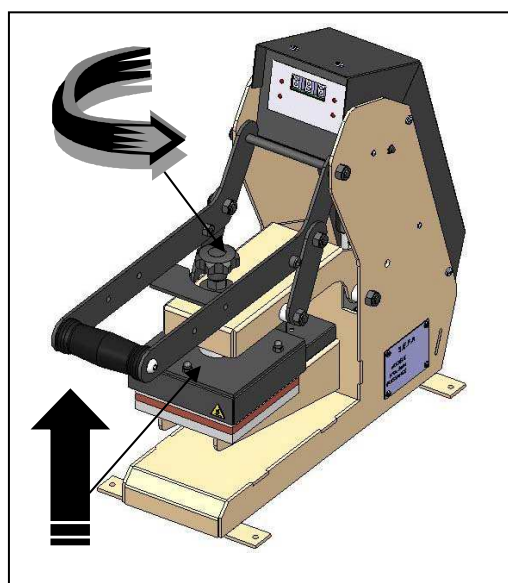
C. ADJUSTMENT HEATING PLATE HEIGHT (PRESSURE)

The pressure exerted by the heating plate can be modified according to the need of the user. It is also possible to leave a space between the two plates in heightening completely the heating plate (maximum space :20mm).

1. LOOSENING OF THE PLATE LOCK NUT



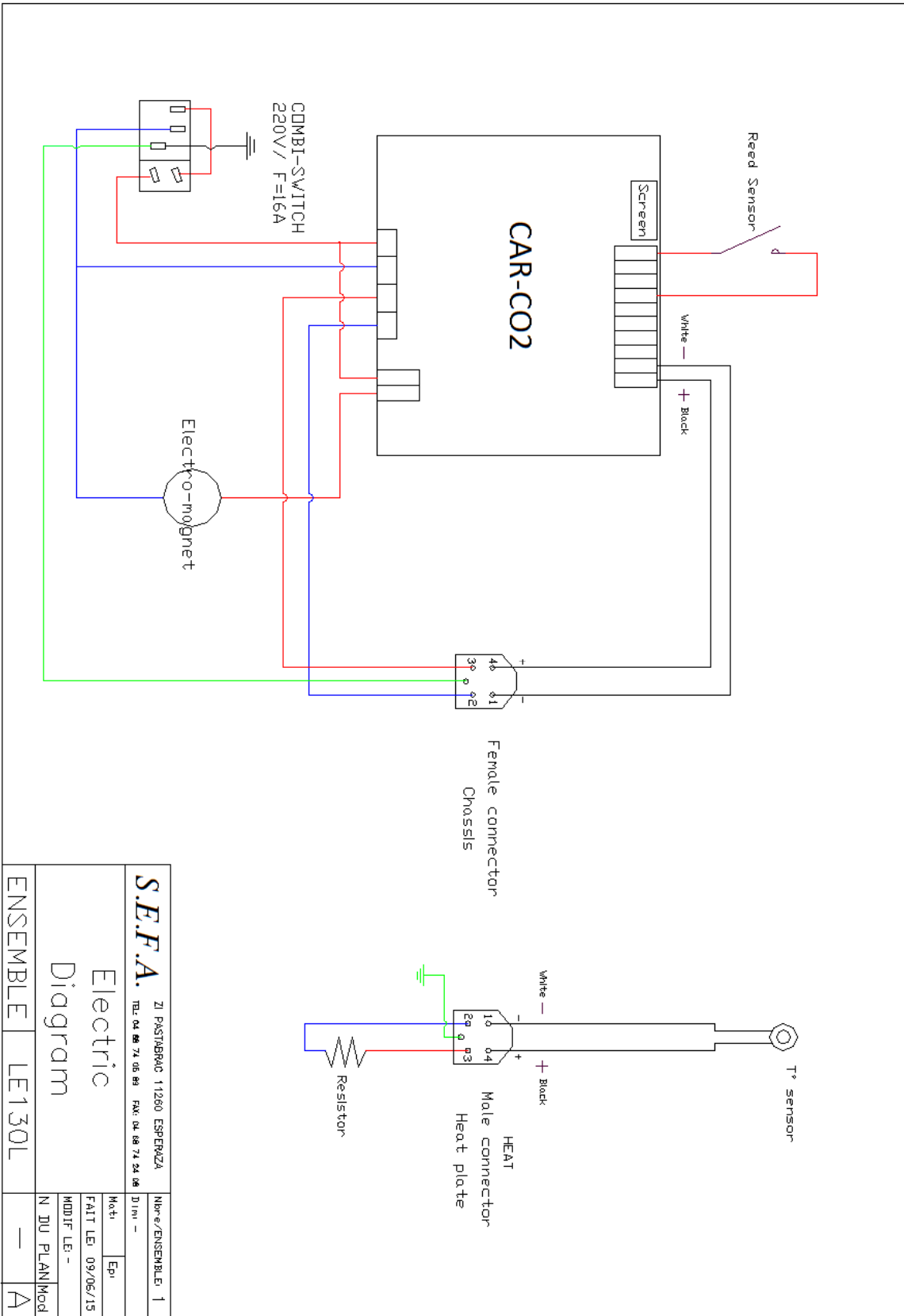
2. HEIGHT (PRESSURE) ADJUSTMENT OF THE HEATING PLATE



3. TIGHTENING OF THE PLATE LOCK NUT

Operation opposite to a)

VI. ELECTRIC DIAGRAM



VII. SERVICE

USE BY QUALIFIED STAFF ONLY

**ANY MAINTENANCE INTERVENTION MUST BE DONE WHEN THE MACHINE IS OFF AND LOCKED
(ELECTRIC ENERGY UNPLUGGED)**

It is recommended to have the following tools within reach:

- Flat screwdriver
- Cruciform screwdriver
- A set of end wrenches and box spanners
- Small adjustable pliers
- Circlip pliers
- Long and fine pliers with insulating handle
- A set of Allen keys



Before any handling, check that the temperature of the heating plate is lower than 25°C.

A. PARTS SUBJECTED TO WEAR

On any order : precise the reference, the description and the quantity

Reference	Description	Quantity
ELECTRIC EQUIPMENT		
CAR-C02	REGULATION BOARD	1
RES-565	HEAT ELEMENT MICA 100x100 400W	1
FIN-231	MICRO SWITCH WITH TONGUE 16A 250V	1
FUS-144	FUSE 5x20mmT 5 A 250V	2
	CARD FUSE 80mA 250V	1
PRESS COVERING		
MOU-001	SILICONE MOUSSE 9 MM	130X130 mm

B. REPLACEMENT OF USED PARTS

The mat in silicone mousse

- Check that the plate is cold.
- Make sure that the plate surface is properly clean. Possibly use a soft solvent such as White Spirit. (NB: as this product is flammable, use it with caution and keep it away from any heat source)
- Use a RTV-1 glue tube to stick the mousse to the aluminium plate (NB : read the instructions on the tube packaging).
- The mat and the plate must be clean and dry before starting gluing.

- Homogeneously spread a fine layer of glue on the plate and immediately apply the mat making sure that there is no air lock (NB : an indented spatula similar to the one used to lay tiles would suit perfectly).
- Leave to settle overnight with slight pressure at room temperature.

Other pieces

Contact your reseller to evaluate their change or their repair.

C. MAINTENANCE

USE BY QUALIFIED STAFF ONLY

The SEFA heat presses hardly require any maintenance. To ensure a good functioning, follow the preventive notice indicated below:

Do not heat up objects which could deteriorate or even cut the silicone rubber or damage the teflon surface of the heating plate

Every so often and when the plate is cold, clean the machine with a clean cloth and white spirit

When the heating plate is hot and unused, keep it in open position.

DAILY : Clean the heating plate when cold with a dry cloth or impregnated with spot remover.

MONTHLY : Check the axles and grease them.

ACCORDING TO THE USE : Change the silicone mousse every six months.

D. BREAKDOWN TABLE

USE BY QUALIFIED STAFF ONLY

SYMPTOMS	POSSIBLE BREAKDOWNS	REPAIRS
The plate does not heat up	A fuse has blown	If no lights appear on the press, check fuses, replace if necessary GENERAL FUSE located in a recess near the power cord plug (16 A). To access, remove the power cord, with the tip of a pen or a screwdriver, lift the fuse. You will find in the square tube, a spare fuse to put in place of the one found in the claw
	The regulator displays Er1	Change the probe
	The relay is fawn	Change the relay
	The resistance is damaged	Check the wiring and condition
The plate overheats	The car dis defective	Contact your reseller
	The regulator displays Er1	Change the probe.
The timer does not count	The limit switch is not activated	Check if the limit is in contact with the stop arm
The buzzer sounds continuously	The limit switch is blocked	Unlock the tab of the Switch