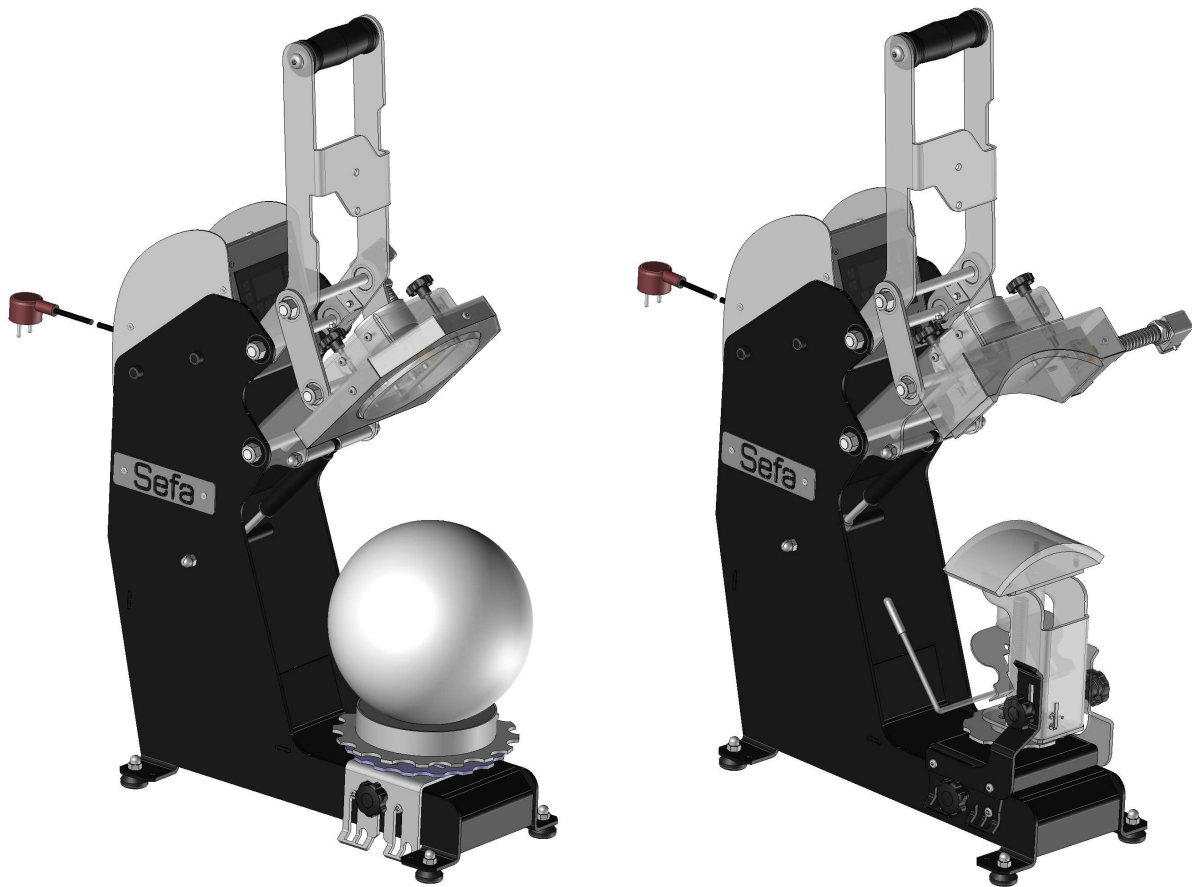


INSTRUCTIONS MANUAL

CLAM BALL / CLAM CAP



S.E.F.A[®]

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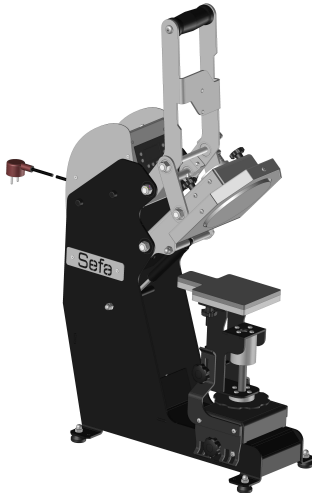
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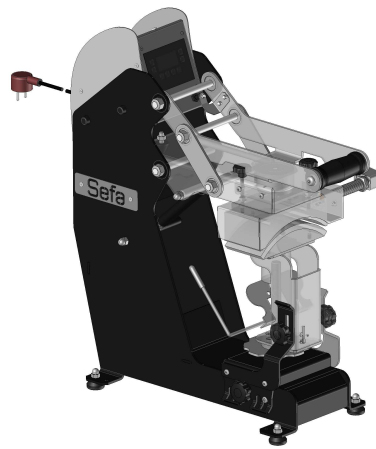
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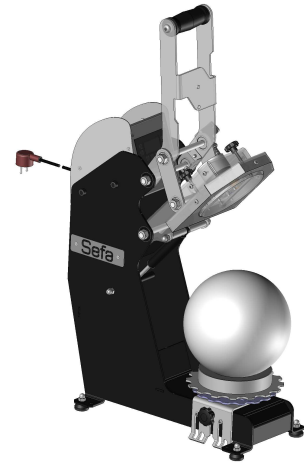
I. DIFFERENT CONFIGURATIONS



LOGO AND SHOES



CAPS



BALL

II. WARRANTY CONDITIONS

- The guarantee period starts the day of putting the equipment into service at the user's place, materialized by the return of the guarantee bill for a duration of two years, 8h per day meaning about 3000 hours.
- The guarantee is strictly limited to our equipment, 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, joints, flexible devices, covers, nozzles, filters.....
 - 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 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**

III. CHARACTERISTICS

	CLAM BALL / CLAM CAP
Weight in running order	25 kg
Height (open)	643 mm
Depth	543 mm
Width	243 mm
Dimensions of the heating plate	142.5 X 100 mm
Electric power supply	230 V single phase + Earth 50/60 Hz
Power	600 W
Amperage	3.15 A
Thermoregulator	
Accuracy	+/- 1%
Range of control	0 to 220 °C
Timer	
Accuracy	+/- 1%
Range of control	0s to 9min30s

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

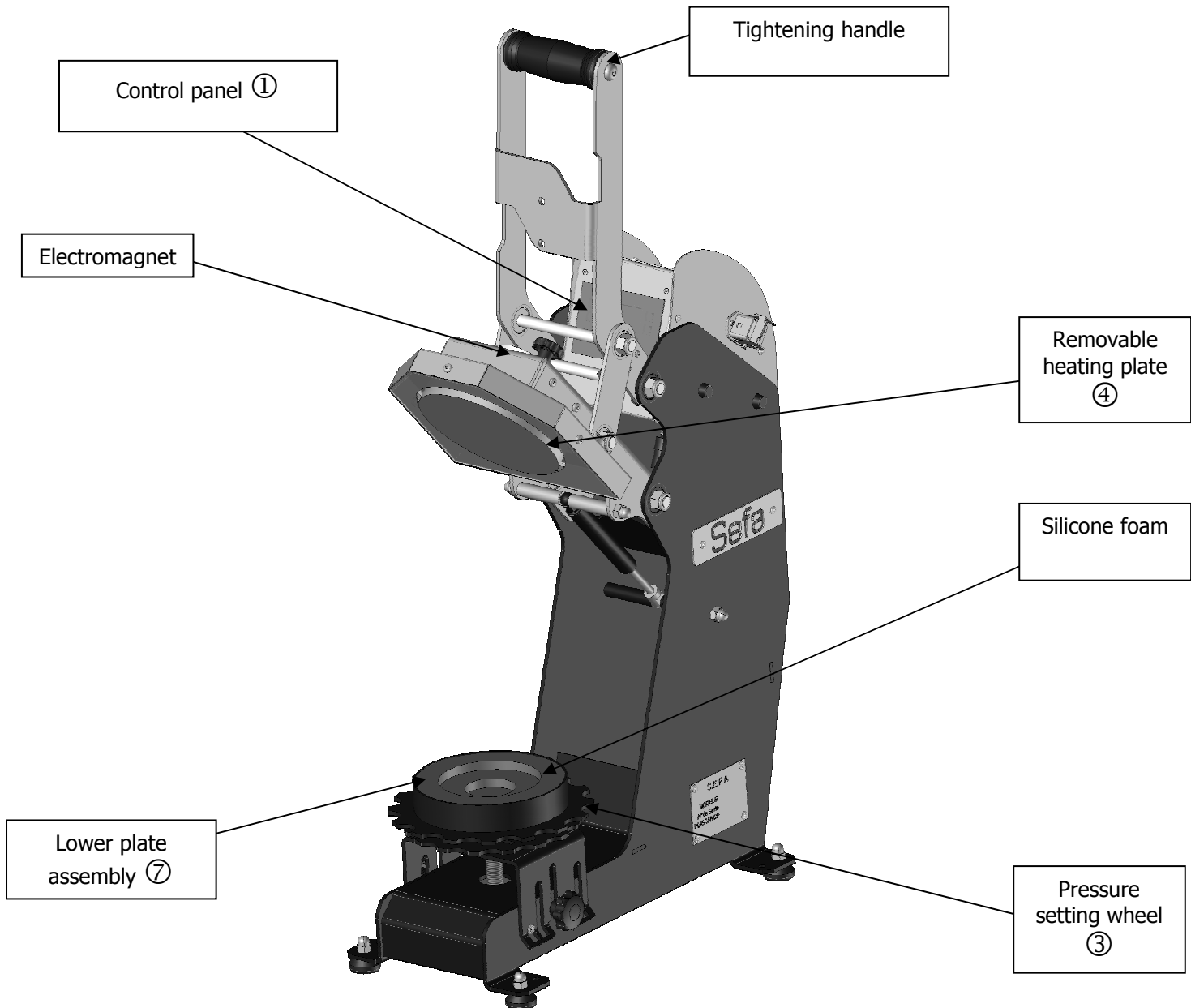
IV. WEARING PARTS

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

Reference	Description	Quantity
CAR-CO2	ELECTRONIC CARD	1
CAR-180	HEATING CARTRIDGE DIA6.5 LG80 300 W 230V	2
SON-189	THERMO SENSOR	1
CAP-IND	INDUCTIVE SENSOR	1
RES-006	GAS SPRING	1
VEN-300	ELECTRO MAGNET 230V 7W	1
FUS-148	FUSE 3.15 A	1

V. HEAT PRESS WORKING

This heat transfer press was designed for short series. It respects the article L 233-5 of the French Labour Code regarding the user's safety. This press was designed for a single operator working in front of the machine.



A. MACHINE INSTALLATION

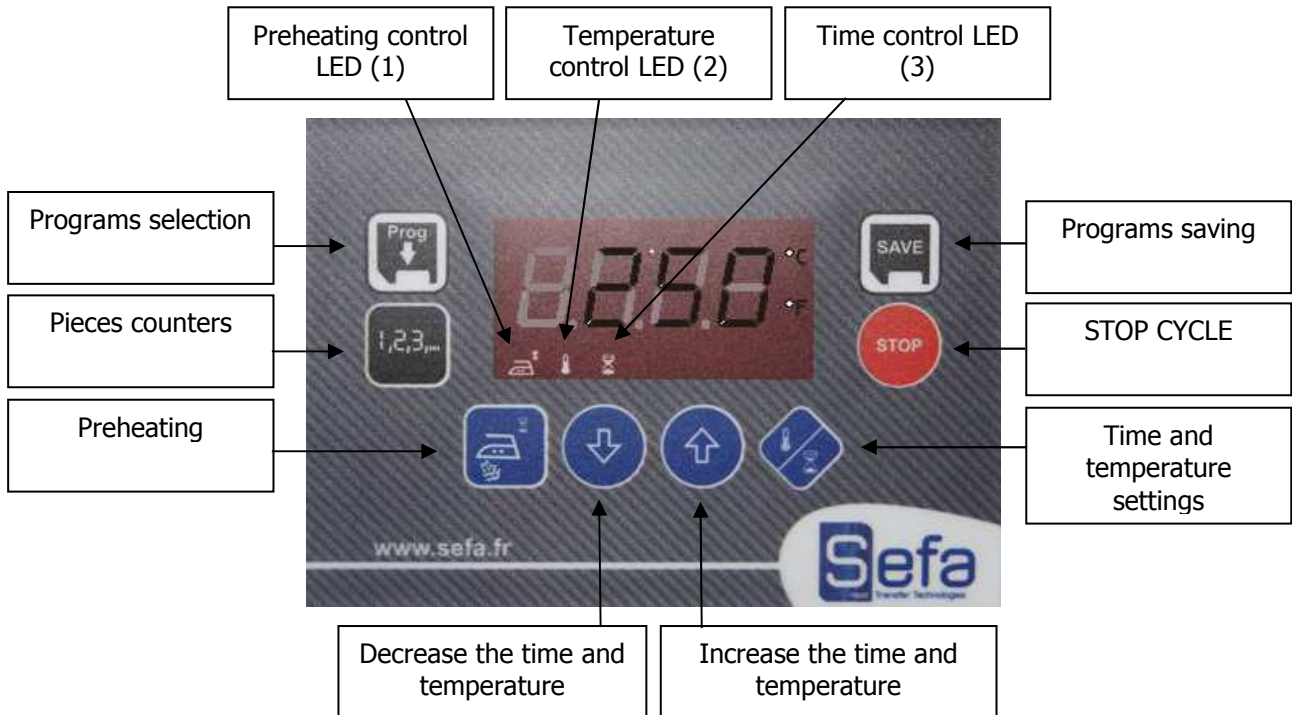
1. Unpack the machine from its cardboard.
2. Settle it on a steady table.
3. To transport the press, be sure that the press is cold.
4. Remove the safety screws before opening the press.
5. Plug the press in (230 Volt + Earth / 50 or 60 Hertz)

B. TRANSFER CYCLE DESCRIPTION

1. Switch the machine on by pushing the general switch located at the rear.
2. Set the temperature.
3. Set the pressing time.
4. Set the preheating time if needed.
5. Set the pressure (depending on the transfer type).
6. Position the support on the lower plate.
7. Adjust the transfer sheet.
8. Lower the heating plate by using the handle when the set temperature is reached.
9. When the plate touches the support, the clock kicks in.
10. At the end of the countdown, the press automatically opens up.
11. If you want to stop the cycle, press the "stop button" on the front control panel. The press will automatically open up after 2 seconds.

C. CONTROL PANEL

(Mark ① page 6)






D. USE


1. Temperature and pressing time settings



a) Pressing time



If you press the TIME/TEMPERATURE button , the light ③ blinks. It means you can set the pressing time. The factory setting by default is 15 seconds.


This value can be changed with the buttons INCREASE  and DECREASE .

Validate the value you want by pressing the TIME/TEMPERATURE button again . You can then set the temperature.

b) Temperature

After the pressing time setting, the light ② blinks. It means you can set the temperature. The factory setting by default is 180°C.

This value can be changed with the buttons INCREASE  and DECREASE .


Validate the value you want by pressing the TIME/TEMPERATURE button again . The press is now ready to transfer.

2. Preheating cycle



The press has a second clock that allows to set a preheating time. This function is useful to preheat the textile before applying the transfer on it.

a) Preheating time setting

If you press the PREHEATING button , the light ① blinks.

This value can be changed with the buttons INCREASE  and DECREASE .

Validate the value you want by pressing the PREHEATING button again .

If the value equals 0 (factory value), it means the preheating time is off.

b) Working

Place the textile without the transfer on the lower plate.

Close the press. The second clock kicks in and the light ① lights up.

At the end of the countdown, the buzzer rings and the press automatically opens up.


Place the transfer on the textile and shut the press.

The main clock kicks in and the light ③ lights up.

At the end of the countdown, the press automatically opens up.

Nota : the preheating temperature is the same as the pressing temperature.

3. Stop Cycle


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

4. Cycle programming




This press allows to save up to 3 programs with different parameters :

- Preheating time
- Main time
- Temperature

To save the current settings displayed on the press, press the SAVE button  for 3 seconds. The display blinks with the program number you want to save (Pr1 at the beginning).

Choose the program number by pressing several times the SAVE button  : Pr1 → Pr2 → Pr3 → Pr1...


Press the save button for 3 seconds  to save the program. The buzzer rings if the operation is complete.


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

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

5. Program selection



To use a saved program, press the PROG button . The last used program is then displayed. Press the PROG button until you reach the program you want.

Press the PROG button for 3 seconds  to recall the program you want. The buzzer rings if the operation is complete. The pressing time as well as the heating and preheating time will be automatically loaded.


6. Pieces counters




This press has two different pieces counters :

- A resettable counter
- A general counter that you cannot reset

a) Resettable counter

Press the COUNTER button once . The number of succeeded cycles since the last reset is displayed for 5 seconds. To reset the counter, press the button for 3 seconds.

b) General counter

Press the COUNTER button twice . The total number of cycles is displayed in hundreds of cycles (eg : 230 means 23 000 pieces). You cannot reset this counter.

If you don't touch any button for 3 seconds, the display will automatically return to the main screen.

7. Alarms

Message displayed	Causes	Effect
Er1	Temperature probe defect	Deactivates the heating relay
Err	Electronic card probe defect	Deactivates the heating relay
Col	Connection keyboard-base alarm	Deactivates the relay

Every alarm also make the buzzer ring. To mute the buzzer, press any key.

8. Eco-mode

 **This function can only be programmed by qualified staff: contact your dealer**

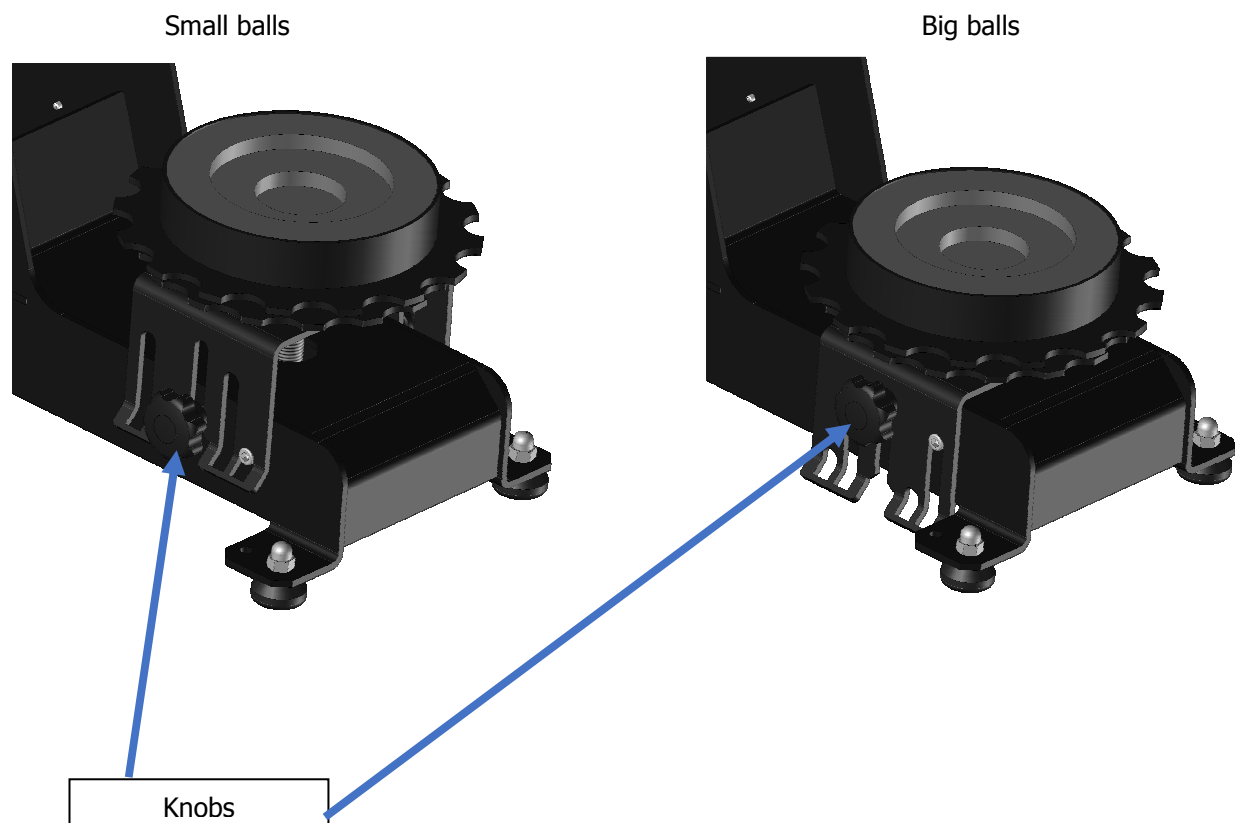
The press has an energy-saving program. It allows to keep a set temperature after a certain time of non-use.

The default value is « disabled ».

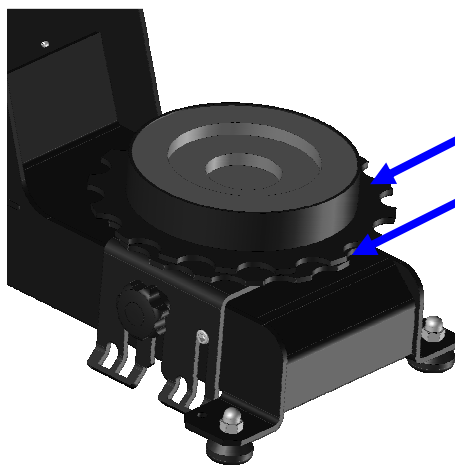
Contact your dealer to activate this function.

E. UPPER AND LOWER PLATE POSITIONS

- To change the upper plate, unplug the machine, wait for the plate to cool down, unplug the heating plate from the electronic box, untighten the two black knobs, change the plate, put back in place the two black knobs and tighten them, plug the heating plate and the machine as well.
- To change the lower plate, untighten the two black knobs, change the accessory.
Caution : there are two different possible positions for the ball accessory.



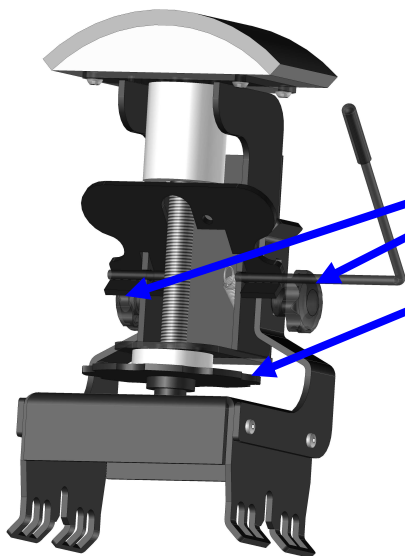
F. PRESSURE SETTING



Lower plate

Locknut

- Untighten the locknut
- Screw or unscrew the lower plate to make it go up or down
- Tighten the locknut



Knobs

Setting wheel

- Untighten the two knobs
- Screw or unscrew the setting wheel to make it go up or down
- Tighten the two knobs

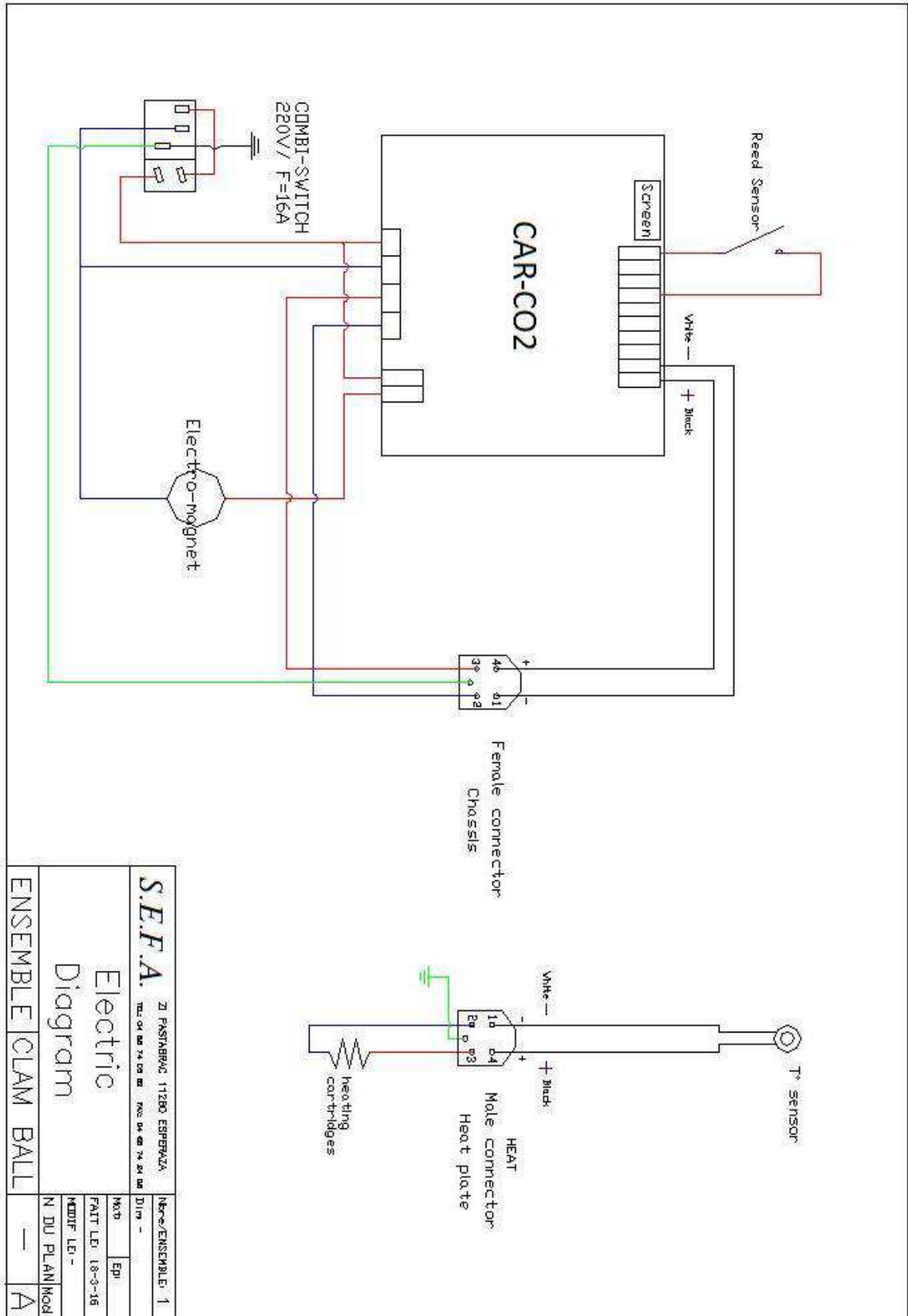
VI. QUICK REPAIR ADVICE



All repair and maintenance operations must be done machine off and unplugged from the electric power supply. The heating element can cause burns. The user must ensure the temperature is below 25°C on the display before any intervention.

<i>SYMPTOMS</i>	<i>POSSIBLE BREAKDOWN</i>	<i>REPAIRS</i>
The plate doesn't heat up	<ul style="list-style-type: none"> ➤ The fuse is out of order ➤ The heating sensor is out of order (damaged probe) and/or regulator displays ER1 	<ul style="list-style-type: none"> ➤ If no indicator lights up on the press, check the fuse and replace it if necessary. MAIN FUSE located in a little compartment next to the electric supply cable plug (16A). To get access to it, remove the electric cable, pull the compartment out with a pencil tip or a screwdriver. You will see two fuses. Switch the fuse of the right with the one of the left. ➤ Change the heating sensor.
The heating plate overheats	<ul style="list-style-type: none"> ➤ The relay is stuck ➤ The electronic card is damaged 	<ul style="list-style-type: none"> ➤ Change the electronic card ➤ Change the electronic card
The timer doesn't start	<ul style="list-style-type: none"> ➤ The sensor is out of order 	<ul style="list-style-type: none"> ➤ Make sure the sensors touch the stop of the arm
The buzzer keeps ringing though the press is open	<ul style="list-style-type: none"> ➤ The stop magnet is not correctly set 	<ul style="list-style-type: none"> ➤ Check the magnet position ➤ Change the sensor
The plate doesn't stay down	<ul style="list-style-type: none"> ➤ The sensor is blocked ➤ The electromagnet is not powered or is broken 	<ul style="list-style-type: none"> ➤ Change the sensor ➤ Check the wires

VII. ELECTRICAL DIAGRAM



S.E.F.A.		ZI PASTORVIC 11720 ESPERAZA	
TEL: 04 94 74 08 08 FAX: 04 94 74 80 08		Dir: -	
Electric Diagram		Nbr: Epi	
ENSEMBLE CLAM BALL		FAIT LE: 18-3-16	
		MODIF LE: -	
		N DU PLAN: MOI	
		Nbr: ENSEMBLE: 1	
		Dir: -	
		A	

VIII. MAINTENANCE DIARY

The control and maintenance operations indicated in this table must be done regularly to check the functioning state and the reliability of the press.

Date	Number of hours	Pressure control	Air filter control	Air cylinder control	Foam state	Heat resistance control	Changed part	Observations

To fill up this table more easily, you can use the following code:
 C : Control N : Cleaning R : Replacement