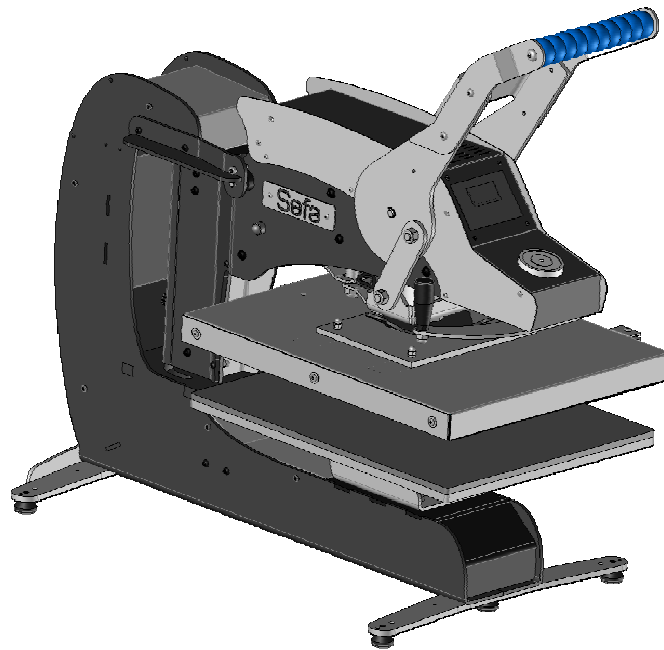


INSTRUCTION MANUAL

ROTEX PRO/ROTEX PRO XL



CE

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I. WARRANTY TERMS

- The warranty period shall come into effect on the day on which the equipment is brought into service at the user's premises, as attested on the returned warranty certificate and the delivery note, and shall run for two years, based on a standard equipment operating schedule of 8 hours per day, i.e. 3,000 hours.
- The warranty is strictly limited to our equipment, and covers faulty materials and workmanship, which the purchaser shall be required to substantiate.
- Our liability shall be limited to making good or replacing free of charge parts that are acknowledged by us to be defective, and no claims for damages for any reason may be made against us.
- Parts replaced under warranty shall:
 - remain our property
 - be invoiced on consignment
- A credit note will be issued upon return of the faulty parts.
Returns must be made **NO LATER THAN ONE MONTH** after the work is performed under warranty.

THIS WARRANTY DOES NOT COVER:

- Commercially sourced wearing parts, material and equipment such as:
 - Fuses, bulbs, seals, hoses, nozzles, filters, etc.
 - Material and equipment not manufactured wholly by us, which are covered by the warranty of the manufacturer thereof.

THIS WARRANTY DOES NOT EXTEND TO:

- Replacements or repairs arising from fair wear and tear of the appliances or machines, damages or accidents arising from negligence, lack of supervision or maintenance, improper use or alterations made without our written consent.
- Defects arising from material provided by the purchaser or mandatory design requirements issued by the purchaser.
- Repairs made necessary by damage or accidents arising during carriage.
- Normal maintenance and adjustment procedures required during use of the machine, as set out in the maintenance instructions, such as:
 - adjustment of intermediate components
 - tightening of pipes, hoses, etc.



Any traces of detergent oil in the air system of pneumatic machines shall invalidate the aforementioned warranty terms.

Quote the machine reference and serial number when making technical enquiries or ordering spare parts.

	ROTEX PRO	ROTEX PRO XL
Weight in working order	87Kg	93Kg
Height	886 mm	
Depth	1059 mm	
Width	1070 mm	
Platen size	400 x 500 mm	400 x 600 mm
Power supply	230 V Single phase + Earth 50/60 Hz	
Power consumption	3200 W	
Amp rating	14 A	
Electronic temperature controller		
Accuracy	+/- 1 %	
Setting range	0 to 250 °C	
Electronic timer		
Accuracy	+/- 1%	
Setting range	0 s to 30 min	
Adjustable pressure	0 to 0.6 daN/cm ²	
Output	80 pieces/day	

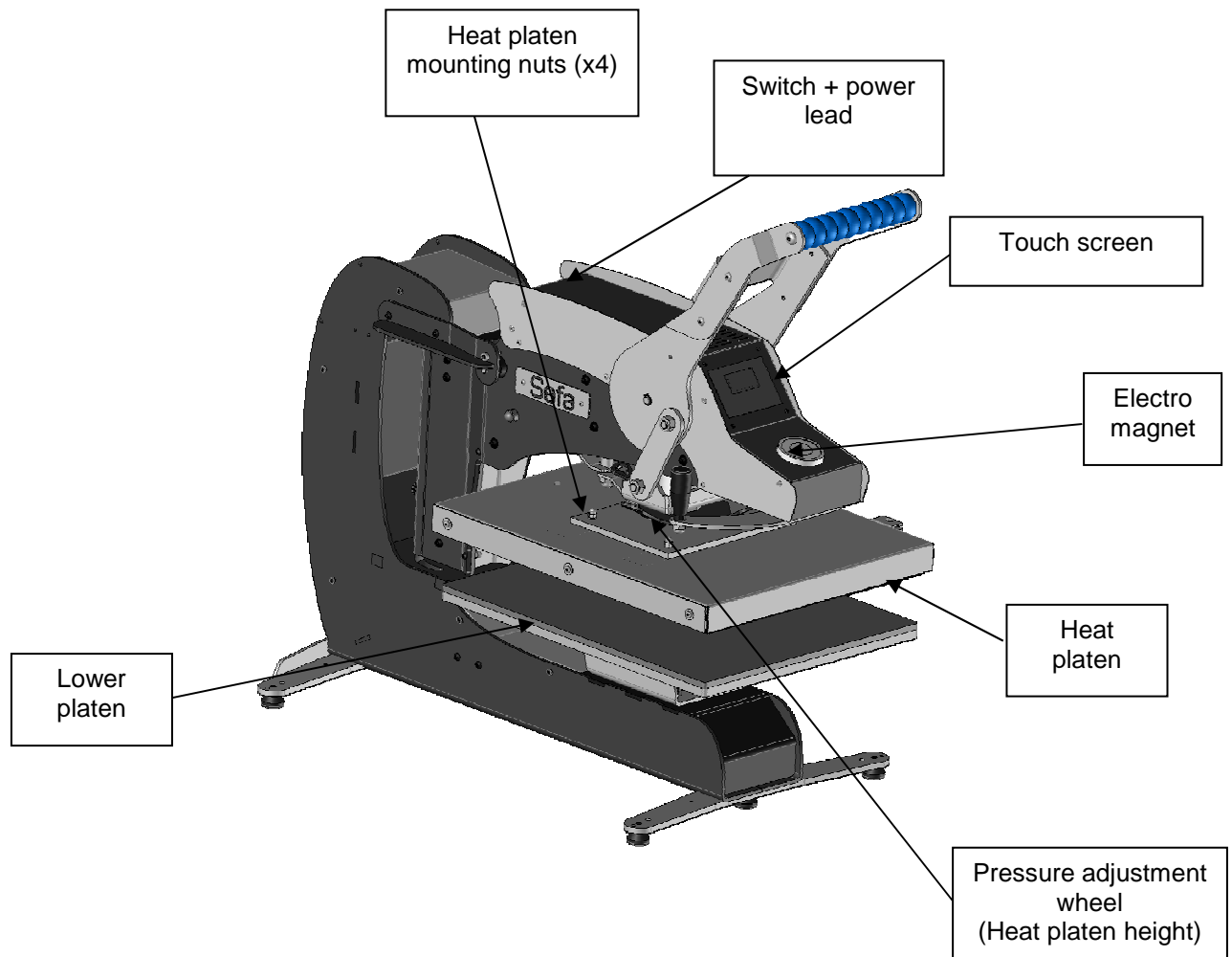
Non-contractual document: we reserve the right to alter our product specifications in line with advances in technology.

II. WEAR PARTS

When ordering: always quote the description, reference and quantity

Reference	Description	Quantity
CAR-EL I	POWER BOARD	1
CAR-EL 3"5	MMI TOUCH SCREEN	1
RES-500X400-3200W	MICA HEATING ELEMENT 400x500 3200 W ROTEX PRO	1
RES-600X400-3200W	MICA HEATING ELEMENT 400x600 3200 W ROTEX PRO XL	1
SON-PT100	PT100 TEMPERATURE PROBE	1
CAP-IND	INDUCTIVE LIMIT SWITCH	1
MOU-540	SILICONE FOAM 400X500 mm	1
RES-BI2	GAS-OPERATED SPRING	2
VEN-300	230 V 7 W ELECTROMAGNETIC VACUUM LIFTER	1
RES-CI1	GAS-OPERATED AUTO-SWING SPRING	1

III. OVERVIEW



This heat press complies with the operator safety requirements of article L 233-5 of the French labour code. It has been designed to operate at a high rate of output with unfailing reliability.

It has been designed for use by a single operator positioned in front of the machine.

IV. OPERATING THE MACHINE

The ROTEX PRO is designed to apply transfers of any quality in small and medium batches. This equipment has been factory-tested by us to offer a two-year warranty against manufacturing defects.

The factory-installed electrical and mechanical settings programmed by our technicians and the safety features must not be altered under any circumstances. **S.E.F.A.**[®] accepts no liability for problems that may be caused by the machine if such alterations are made.

Please read the safety instructions and the operating manual carefully before operating the press.

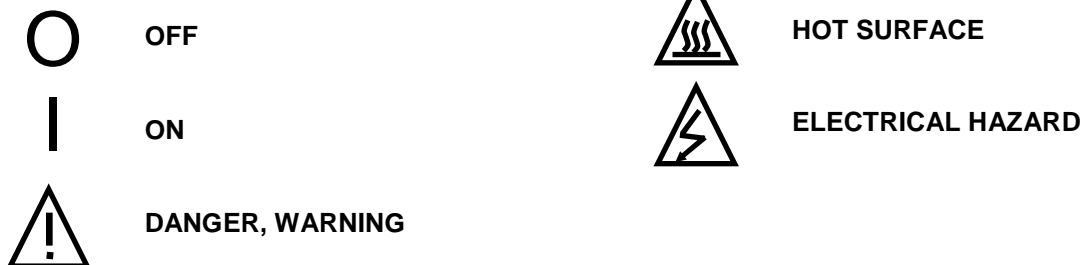
The press should be operated by a qualified person who is aware of the potential dangers arising from improper use of the equipment.

A. SAFETY

THIS MACHINE IS DESIGNED FOR USE BY A SINGLE OPERATOR






FOR USE BY QUALIFIED PERSONNEL

International symbols:



Most of these symbols appear on SEFA machines.

Important user safety precautions:

-  ***Do not touch hot parts of the machine during use.***
-  ***Make sure the operator is not exposed to risks of burns, electrocution or other hazards when handling the machine. PPE should be worn.***
-  ***Check the machine each day before use.***
-  ***Make sure there is nobody in the vicinity of the machine before starting work.***
-  ***If the machine malfunctions, cut the power supply and look for the cause of the problem in the Servicing section of the manual.***

Safety features:

***No changes must be made to the safety systems. They must be refitted if they are removed for servicing work.
They must be held securely in place and kept in good condition during normal use.***

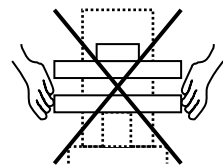
The ROTEX PRO press is operated by hand. As such, the operator is responsible for any risks taken.

B. INSTALLATION

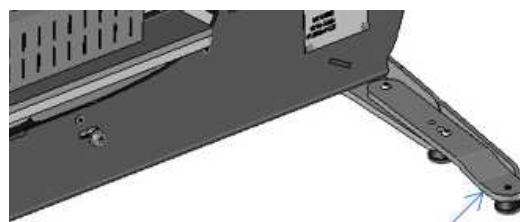
TO BE PERFORMED BY QUALIFIED PERSONNEL



***Do not hold the machine by the platens!
Carry the machine using the handles provided***

**C. SETTING UP THE MACHINE****Unpacking**

- Remove the cardboard packaging.
- Use a no. 10 spanner to remove the four bolts holding the machine to the packaging.
- Lift the press on to its work table using the carry bars provided.
- Fit the leg extension as shown on the photo below.
- Attach the machine to its work table.
- Remove the HSHC screw used to hold the press in the working position in transit.
- The press will rise to the at-rest position.
- Plug in the press (230 Volt + Earth / 50 or 60 Hz).

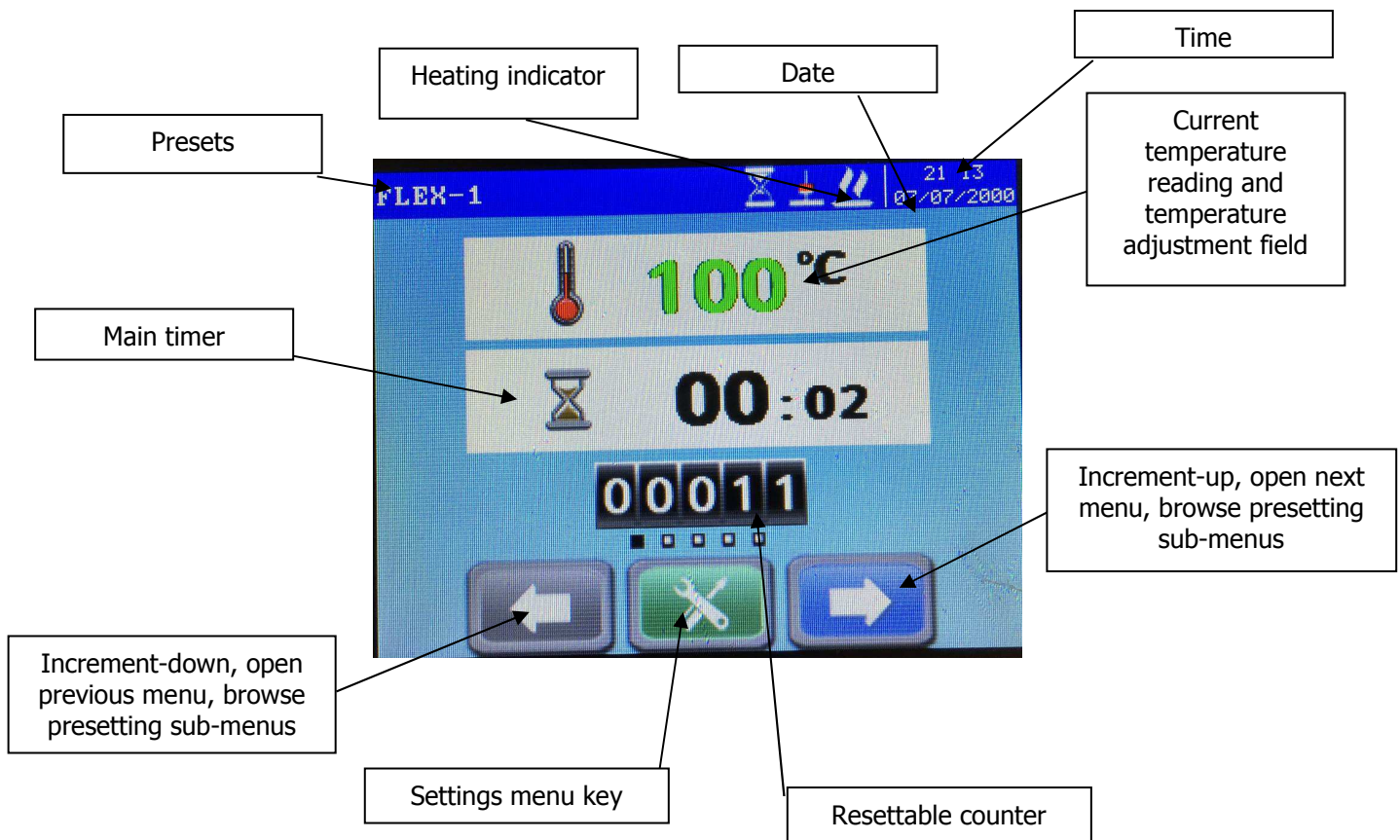


**MONTER LA RALLONGE PIED AVANT
DE RETIRER LA VIS D'EMBALLAGE
MOUNT EXTENSION FOOT BEFORE
REMOVING THE TRANSPORT SCREW**

D. OPERATING CYCLE

1. Press the main switch at the back of the frame to turn the power on. The screen will come on and display a welcome message followed by the factory settings.
2. Adjust the temperature at the touch screen.
3. Set the pressing time from the touch screen.
4. Adjust the pressure using the adjustment wheel on the heat platen.
5. Place the work item on the lower platen.
6. Position the transfer sheet correctly.
7. Pull the handle down to lower the heat platen into position.
8. The timer will start when the platen is pressed against the work item.
9. The buzzer will sound when the timer has finished to indicate that the platen is about to lift open.
10. The heat platen will lift open automatically.
11. Repeat from step 5 above to continue with the same settings, or from step 2 to apply new settings.

E. CONTROL PANEL

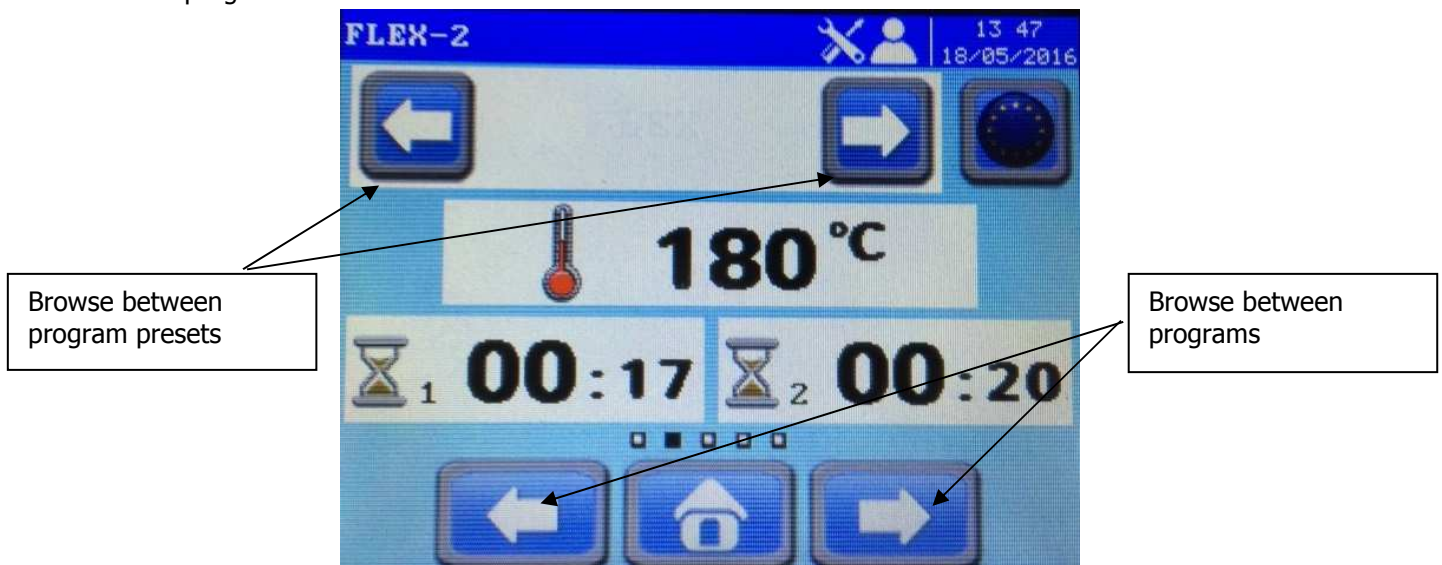


F. OPERATION

Presets

This menu contains nine pre-saved operating programs; up to five presets can be assigned to each program by entering the required setpoints.

The operating programs must be suited to the processes you use. The temperature adjustment system is fine-tuned for each program.



Available programs:

Customised: the system applies the user-defined settings keyed in at the control panel

Flex: for placing flex and flock

DTG 1: for drying pre-treated materials

DTG 2: for pressing pre-treated materials

SUBLI T: for sublimation printing on textiles

SUBLI R: for sublimation printing on rigid materials

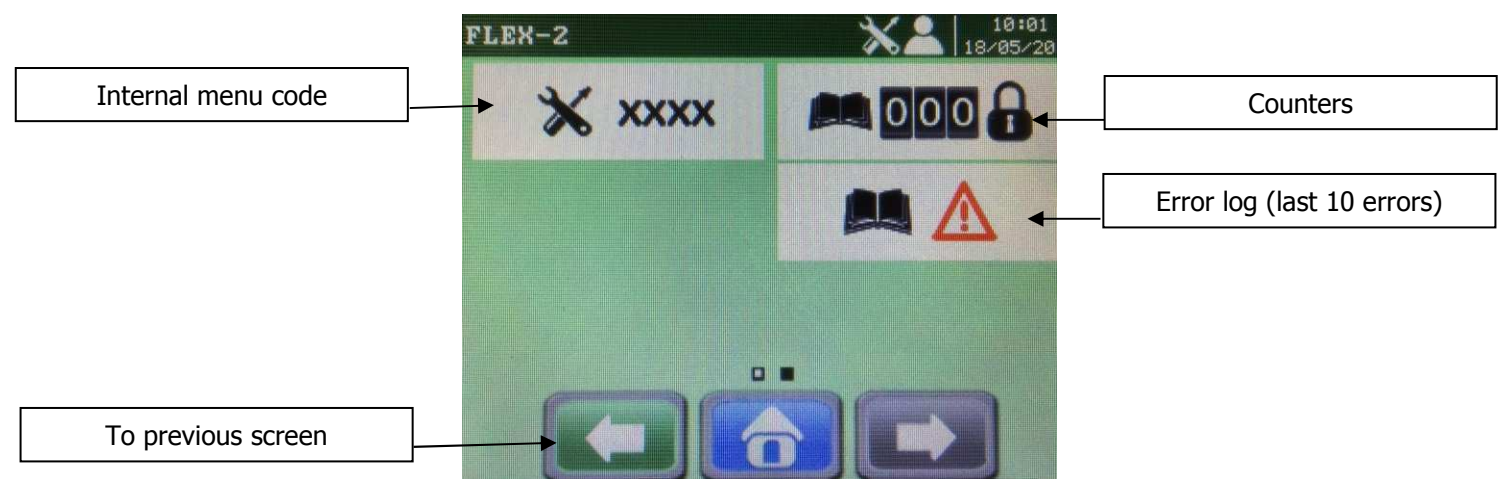
SCREEN: for placing screen transfers

LASER: for placing laser transfers

QUICKFLEX: for placing flex in under 5 seconds

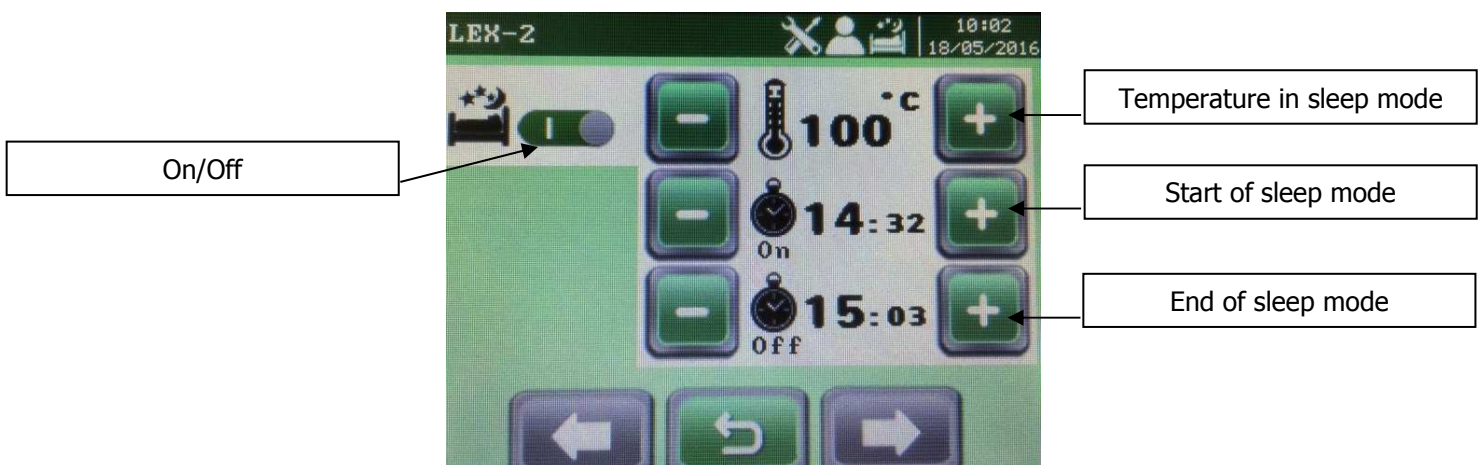
Settings menus

Press the green key in the centre of the screen to open the settings.
 Click to access the required menu.
 Press the arrow in the bottom centre of the screen to exit.



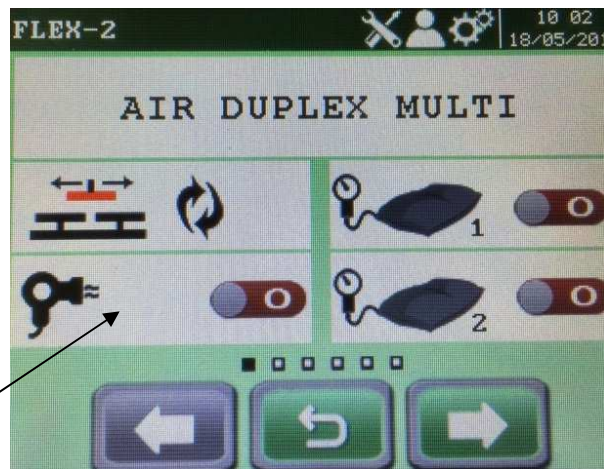
Sleep mode

Sleep mode keeps the machine temperature at a certain level for a certain length of time



Machine settings

Enable drying mode
The drying time is set at the control panel with the pressing time setpoint



User comfort settings

Enable/disable buzzer



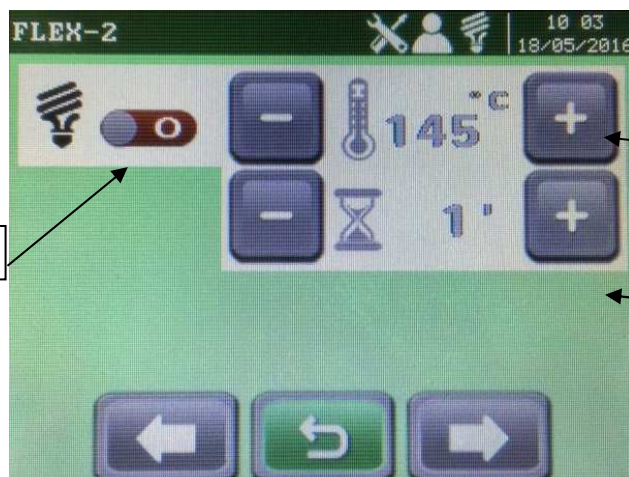
°C / °F

Machine operating temperature range

Energy saving mode

Energy saving mode reduces the machine temperature to the set temperature when the defined idle time has elapsed.

On/off

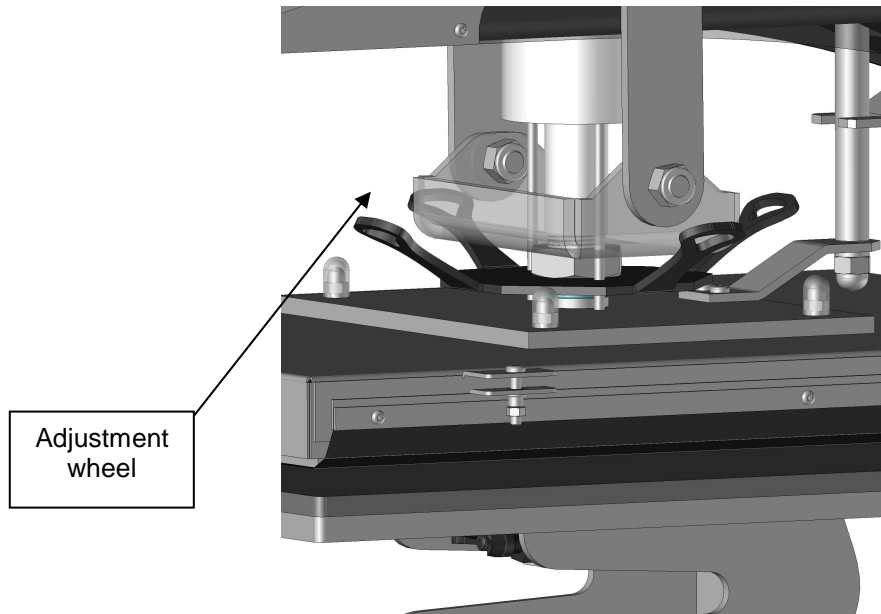


Temperature

Times

G. ADJUSTING THE HEIGHT OF THE HEAT PLATEN (PRESSING FORCE)

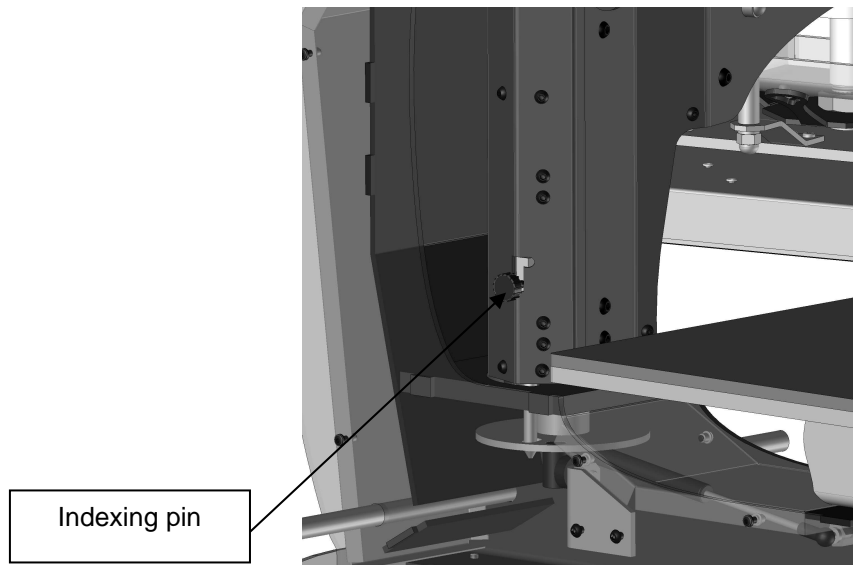
The pressure applied by the heat platen can be altered to suit operator requirements. The heat platen can also be raised to leave a gap between the two platens.



H. ADJUSTING THE AUTO-SWING

When the timer has finished, the heat platen will be raised and the swing arm will automatically move to the open position, clear of the lower platen.

The arm must be in the open position in order to be able to adjust this function.



Lower the indexing pin until the catch is released.

Disengaging the auto-swing system:

Push the indexing pin all the way up, hold it in position and give it a quarter turn to the right. Repeat in reverse order to re-engage the system.

V. MAINTENANCE

- Daily:
 - ↪ Clean the heat platen with a dry cloth.
- According to use:
 - ↪ Replace the silicone foam pad at the first sign of damage or deterioration in quality.

VI. TROUBLESHOOTING TIPS



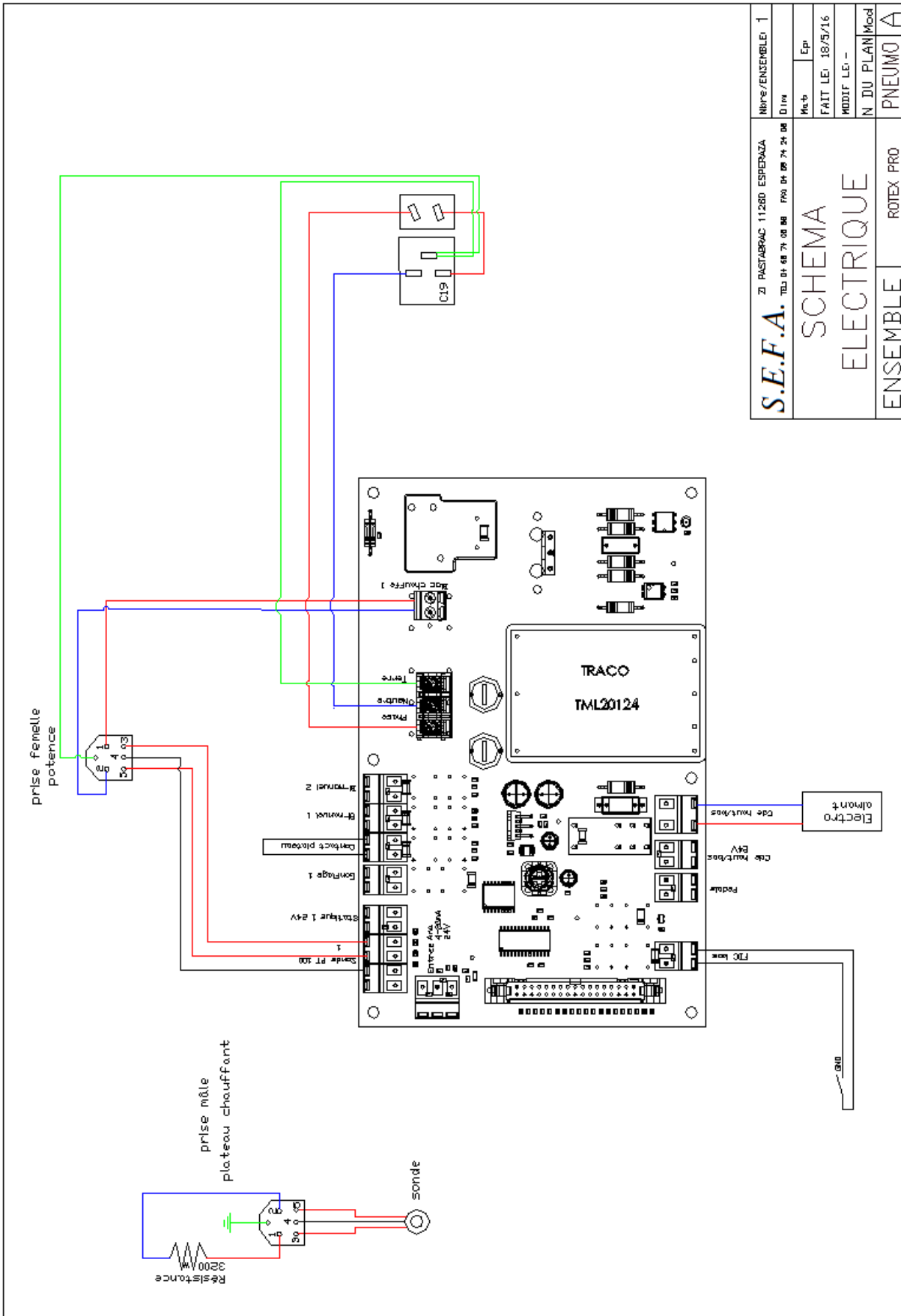
The machine's electrical power must be switched off and locked and tagged prior to any service repair work.

The heat platen can cause burns. Check that the platen temperature reading on the display panel is below 25° C before handling.

TO BE PERFORMED BY QUALIFIED PERSONNEL

PROBLEM	POSSIBLE CAUSES	SOLUTION
The machine does not switch on	<ul style="list-style-type: none"> ➤ The plug is not connected ➤ The switch has not been pressed 	<ul style="list-style-type: none"> ➤ Check the mains electricity and that the machine is plugged in. ➤ Press the main On/Off switch to 1.
The platen does not heat up	<ul style="list-style-type: none"> ➤ Faulty heating element ➤ Problem with the electronic board ➤ Temperature setting too low 	<ul style="list-style-type: none"> ➤ Check the connections and the condition of the wires. Contact your retailer to have the platen removed ➤ Check the on-screen messages and refer to the board user manual. ➤ Change the setting
The platen overheats	<ul style="list-style-type: none"> ➤ Problem with the probe or the electronic board 	<ul style="list-style-type: none"> ➤ Check the on-screen messages and refer to the list of error messages. Contact your retailer.
The timer does not count down	<ul style="list-style-type: none"> ➤ Disabled or faulty limit switch on the swing arm ➤ Problem with the electronic board 	<ul style="list-style-type: none"> ➤ Check whether contact is made with this component when the handle is lowered. Check the connections. ➤ Check the on-screen messages and refer to the board user manual.
The platen does not lower	<ul style="list-style-type: none"> ➤ The pins are stuck or too tight ➤ The gas-operated springs are stuck 	<ul style="list-style-type: none"> ➤ Lubricate or loosen off slightly ➤ Check them but do not try to open them: parts under high pressure - Danger. Contact your retailer about a possible replacement.
The platen stays down after pressing	<ul style="list-style-type: none"> ➤ The gas-operated springs are stuck ➤ The timer does not count down 	<ul style="list-style-type: none"> ➤ Leaking spring mechanism, pressure too low for the springs to lift the platen. Check them but do not try to open them: parts under high pressure - Danger. Contact your retailer about a possible replacement. ➤ See above

VII. WIRING DIAGRAM



S.E.F.A. ZI PASTABRAC 11200 ESPERAZA		Nbre/ENSEMBLE: 1	
Tél: 01 68 74 08 86 Fax: 01 68 74 24 08		D'Im	
SCHEMA ELECTRIQUE		Mc-b Epr	
ELECTRIQUE		FAIT LE: 18/5/16	
ENSEMBLE ROTEX PRO		MODIF LE: -	
		N DU PLAN/Mod	
		PNEUMO A	

VIII. SERVICING

TO BE PERFORMED BY QUALIFIED PERSONNEL

THE MACHINE MUST BE SWITCHED OFF AND LOCKED AND TAGGED PRIOR TO SERVICING

(ELECTRICAL POWER SOURCE DISCONNECTED)

The following tools should be available at hand:

- Flat-blade screwdriver
- Phillips screwdriver
- Set of open-ended spanners and box spanners
- Small water pump pliers
- Circlip pliers
- Needle-nose pliers with insulated handle
- Set of Allen keys



Always make sure the temperature of the heat platen is below 25°C before handling.

IX. MAINTENANCE LOG

The following checks and maintenance procedures should be performed at regular intervals to ensure that your press remains in good working order and continues to provide reliable service.

Date	Number of hours	Pressure check	Air filter check	Cylinder check	Condition of foam pad	Heating element check	Replaced parts	Observations

Tip - use the following abbreviations to help complete the log more quickly:
 C: Checked W: Washed/Cleaned R: Replaced