



***Instructions guide***  
***Manual Heat transfer press***  
***(Evolutive Double Station Shuttle)***

**TS-4050SAE**

**Product serial number:**



**7 bis, Impasse Denis Dulac**  
**94700 MAISONS-ALFORT**  
**FRANCE**

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**S.A.R.L. au capital de 15 250 €**  
**SIRET : 408 484 913 00012 APE : 514 S R.C.S. CRETEIL**  
**N° de TVA intra-communautaire : FR 13 408 484 913**

## APPLICATIONS

The PromaShirt TS-4050SAE is an evolutive heat press, for transfer on textile and other supports. Press with single post with swing away motion of the heating tray and the closing is manual, an electromagnet maintains the press in closed position.

This press is equipped with a stand in « U » which allows treating easily all kind of textiles on the lower plate.



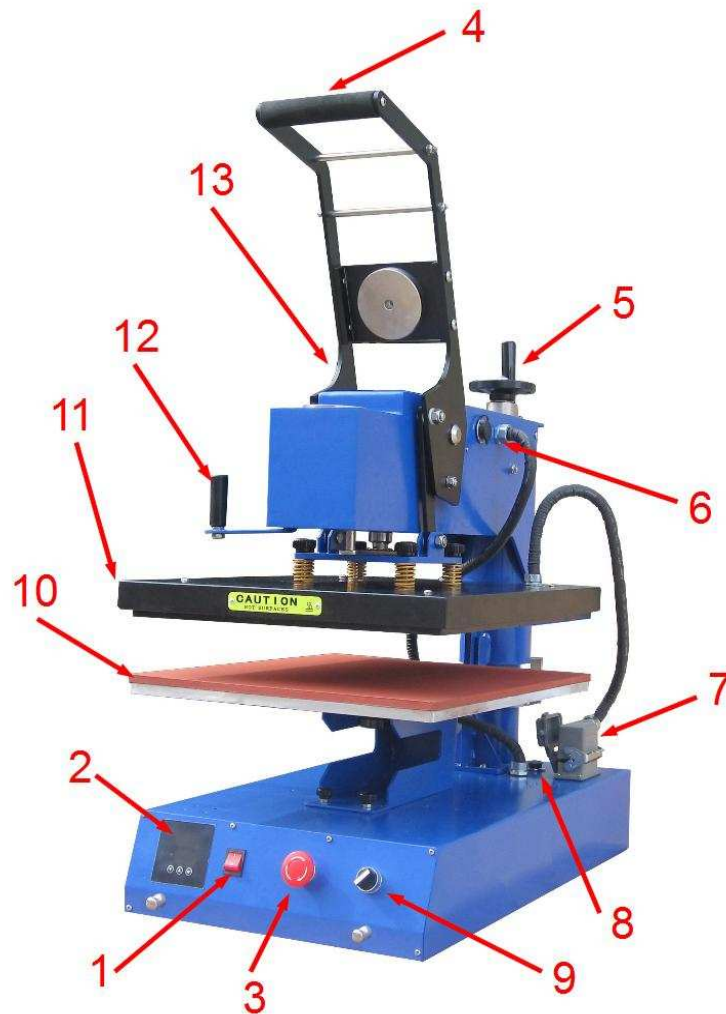
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## TECHNICAL SPECIFICATIONS

PRESS TS-4050SAE	
Weight	70 Kg
Height	750 mm
Depth	710 mm
Width	480 mm
Dimensions of the plate	400 x 500 mm
Voltage	220 V + Terre
Power	2.8 KW
Amperage	11 A
<b>Electronic temperature regulator with digital display</b>	
Temperature range	0 to 230°C
<b>Electronic timer</b>	
Time range	0 to 999 Sec

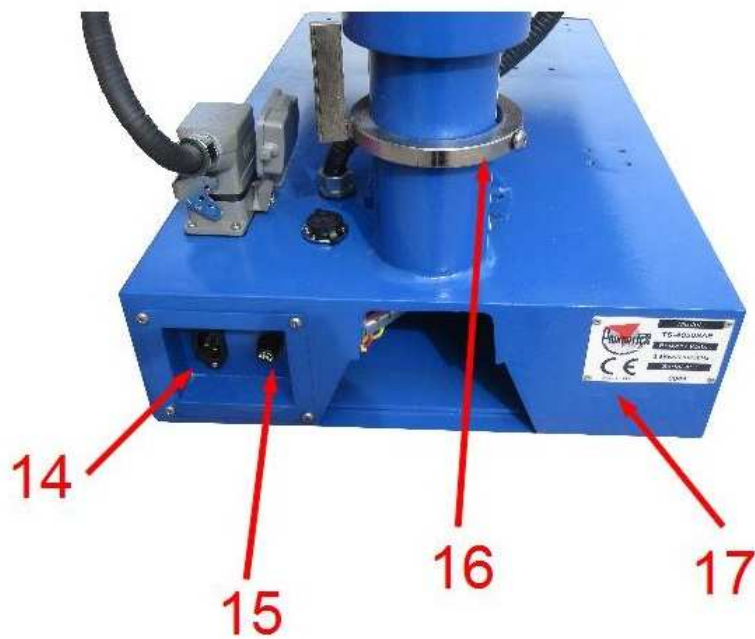


## DESIGNATION OF THE MAIN COMPONENTS



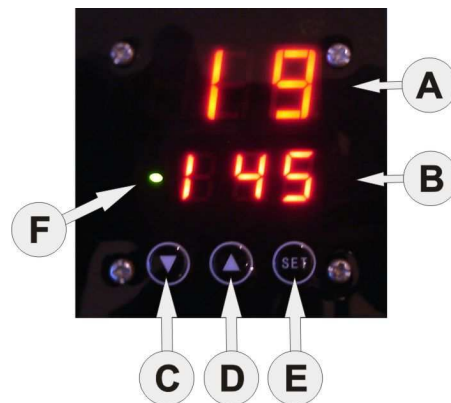
- 2. Control pannel
- 3. Emergency stop
- 4. Closure handle
- 5. Regulation of the height of the heating plate
- 6. Connector 7 poles for cap or patch 15X15 accessories
- 7. Connector 6 poles for heating plate
- 8. Connector 7 poles for mug accessories
- 9. On-off switch of the electromagnetic bobbin
- 10. Lower plate
- 11. Heating plate
- 12. Handle of rotation of the column
- 13. Electromagnetic bobbin





- 14. Connector sector
- 15. Fuse 15A
- 16. Regulation of the rotation of the column
- 17. Descriptive plate

## CONTROL PANEL



- A – Actual time Temperature
- B – Programmed Temperature indicator
- C - Button –
- D - Button +
- E - Button « **SET** »
- F – Heating indicator

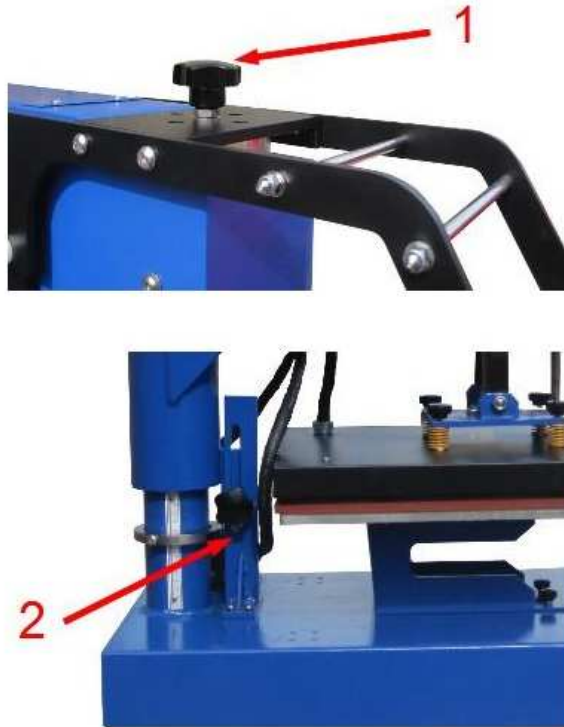


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## INSTRUCTIONS GUIDE

**A.** The press must be set on a stable and flat area.

**B.** Unscrew the screws of the transport box (1) and (2). Keep the screw for a potential transport.



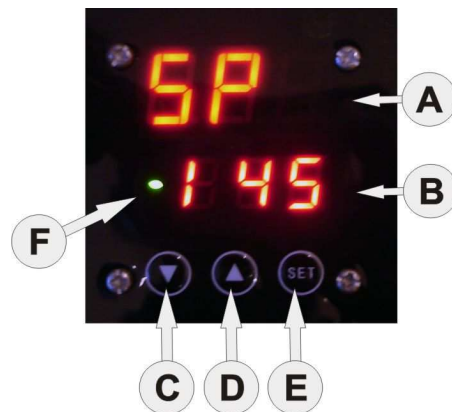
**C.** Check the voltage (the voltage reference is 220V/50Hz) connect the cable on the connector. (14).

**D.** switch on the press (1), the screen displays (2) and a bell rings.

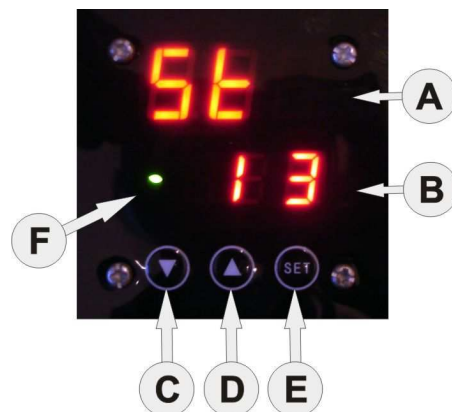
**E.** The screen displays the current temperature (A) and the temperature programmed (B).

**F.** To adjust the temperature of pose, to press once on the button « **SET** » (E). The screen displays « **SP** » (A) on the first line and a value on the second line (B) (see below). This value represents the temperature programmed. Press a long time on the buttons – (C) or + (D) to low or increase the value.





**G.** Set the chosen time by pressing once again the button « **SET** » (E). The screen displays « **St o**, the first line and a number on a second one (see below). This number represents the time of pose. Press a long time on the buttons (C) ou + (D) to low or increase the value.



**H.** Press once again on the button « **SET** » (E) to come back to normal display:

- Current temperature on the first line (A)
- temperature programmed on the second line (B)

**I.** The indicator of heating (F) remains lit as long as the press did not arrive at the programmed temperature. Once the press arrived at good temperature, put the product to be transferred on the lower plate (10), pull down the handle of closing (4) and press the lower plate will remain closed thanks to the electro magnet.

**J.** The screen will display the calculation automatically, the bell will ring 3s before the automatic raise of the plate.

**K.** The transfer is finished.

*\*See guides for transfers concerned to determine the conditions of pose (time, temperature, pressure, weeding...)*



## KIT 4 PLATES (in option)

A kit of 4 plates can be adapted in a PromaShirt TS-4050SAE. You can buy this kit at the same time of your press purchase or later.

Different sizes of those plates allow you to print easily on: Short and long sleeves, legs of pants, sporting shorts, working clothes, luggage, umbrellas ...



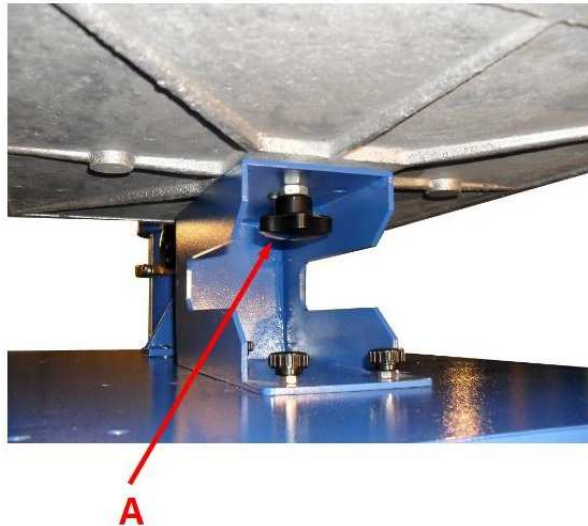
To assemble a plate on your PromaShirt TS-4050SAE, proceed as the following

***WARNING ! In order to prevent from premature wear of all pieces opening with screw, all these operations must be done under cold conditions.***

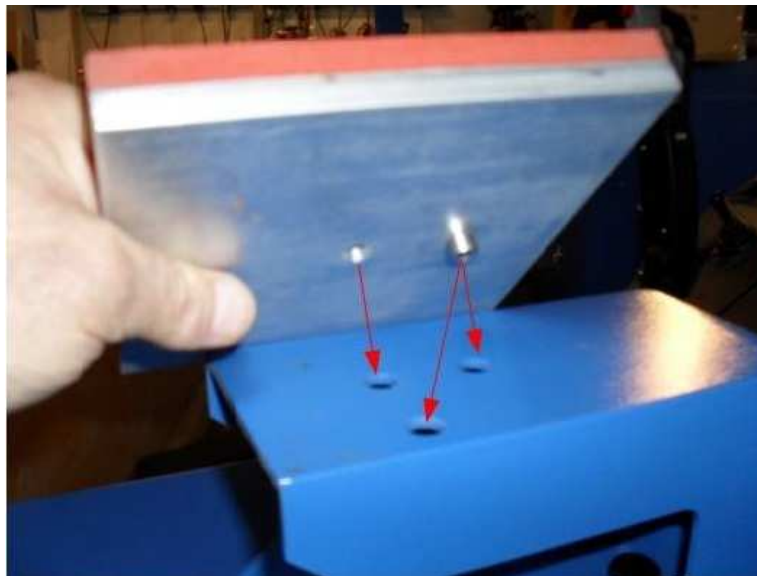
**A.** To begin, remove the plate of origin (40 x 50 cm) by unscrewing before, the screw (**A**) that fixes, placed under the plate :







When the plate of origin is removed, put the new plate on the press. The central opening situated on the base is kept for the screw of fixation. The two other central opening are intended for the nipple (head of screw fixed under the plate) which comes to ensure a good maintenance of the plate. Place this nipple on the up opening or the left one according to the orientation of the plate that you need.

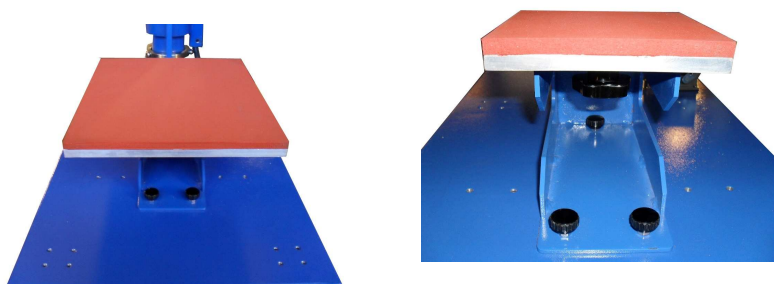


Eventually, you just have to screw again. Do not forget to straighten the pressure

Do not forget that each plate can be oriented in two different ways, multiplying the possibilities of marking.



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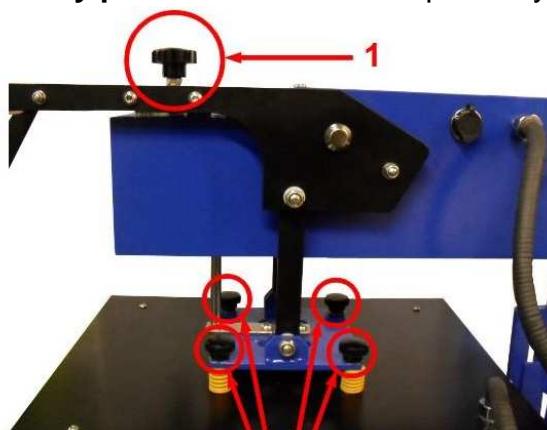


## CAP & PATCH ACCESORIES (Optional)



To connect the cap, patch and plate accessories you must take off the superior and inferior plates.

1. Take off the heating plate disconnecting connection 7
2. Put the arm down, secure with screw 1, unscrew the 4 knobs on the top of heating plate. Apart the 4 springs and screws in a safe place.
3. Put the heating plate on a plane and clean area to protect the teflon surface.
4. Unscrew the knob 1, **firmly press the handle 4** to protect you from a strong return.



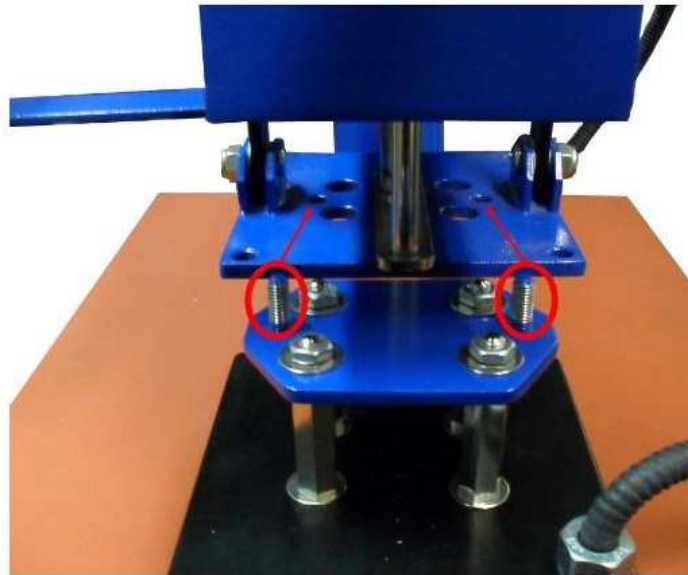
**Knurled knobs**



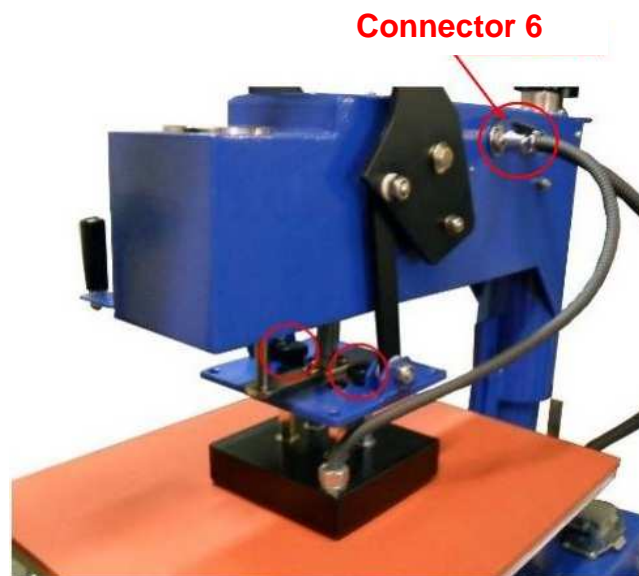
You can connect the accesories :

### Heating plate 15X15

- put the 2 axles into the holes of the support plate and fix both screws.

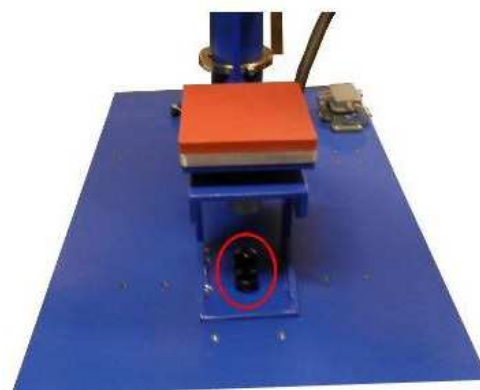
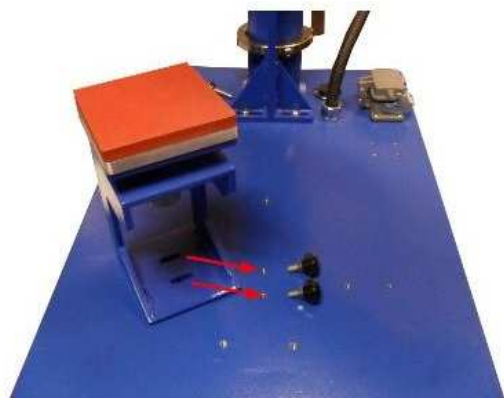


- Plug the accessory to the connection 6.

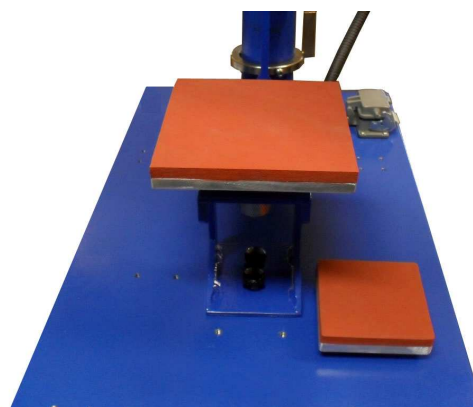
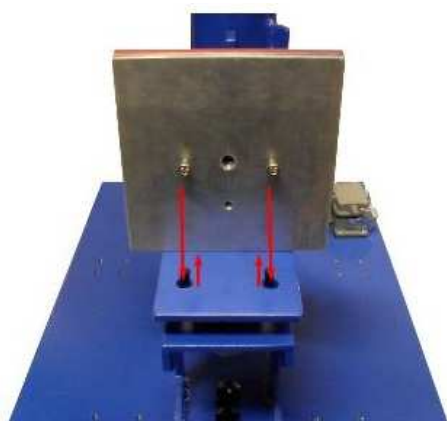


## Inferior plate 10X10 – 15X15

- Screw the base into the prepared location.



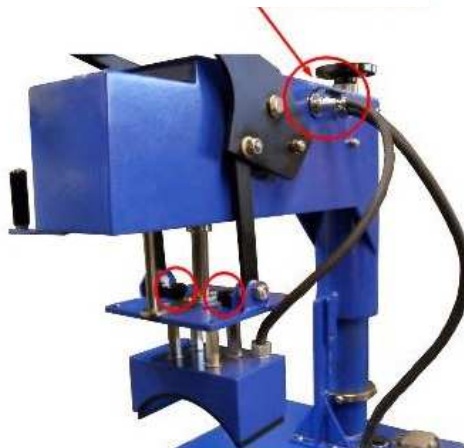
- To settle the inferior plate put the pins into the holes and pull back. To change for another plate proceed the opposite way .



## HEATING ACCESSORY FOR CAPS

- put the 2 axles into the holes of the support plate and fix both screws.  
Plug the accessory to connection 6.

### Connector 6



## HEATING ACCESSORY FOR CAPS

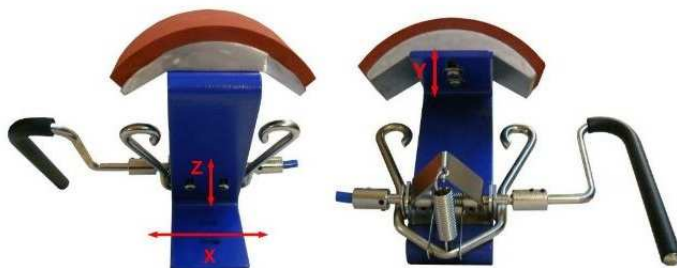
- Screw the base into the prepared location.

## ADJUSTMENTS OF THE CAPS ACCESSORY

**Z** Adjustment of the caps tension

**X** Lateral position

**Y** Transversal position



## ACCESSORIES FOR PLATES AND MUGS (OPTIONAL)

Switch on mode 2 for plates and mugs accessories

Plates and Mugs accessories

**A.** Turn off the press

**B.** Press at the same time the up button (D) and the SET button (E). Hold the buttons and turn on the press (6) When the screen displays « 2 », release the buttons, the press is in mode 2 :



### **In mode 2, the adjustment of transfer conditions in two steps:**

**1. When the press is open:** when the press (or the mug accessory) is open , you can set up the stand-by temperature .

Do not go over 90°C .

To set up the stand-by temperature, open the press (or the mug accessory).

The selected temperature will be the stand-by one.

**2. When the press is closed:** When the press (or the mug accessory) is closed, you can set up the laying temperature. It depends on each kind of transfer. The selected temperature will be the laying one.

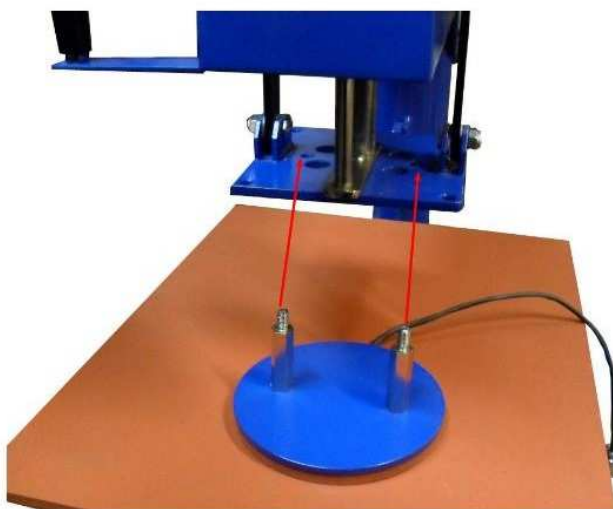
When the press (or the mug accessory) is closed, the temperature will increase progressively from the stand-by temperature to the laying selected temperature. When it is reached, the countdown will start..

Do not go over 190°C (mugs) or 180°C (plates).

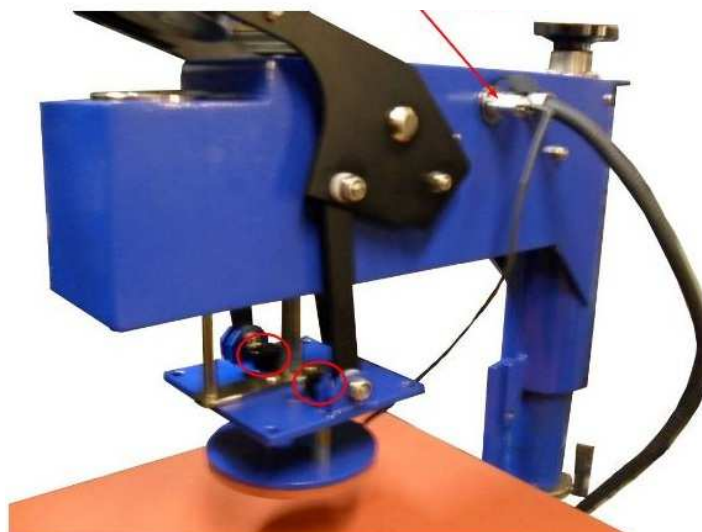


## HEATING ACCESSORY FOR PLATE

- Place two dowels in the holes of the supporting plate for accessory and screw both knurled knobs, then switch the accessory to the connector **6**.

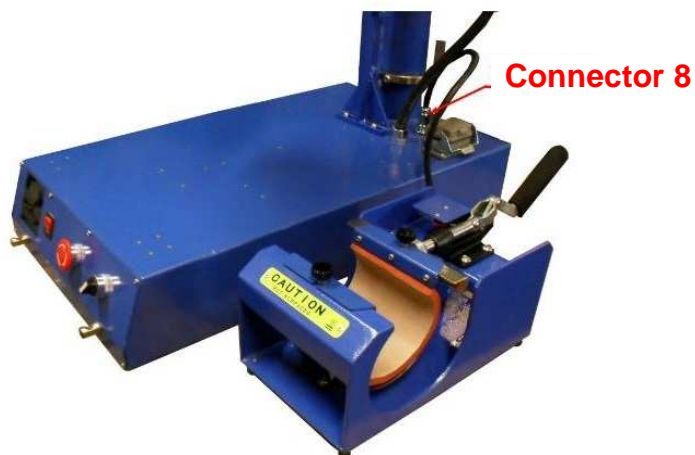


**Connector 6**

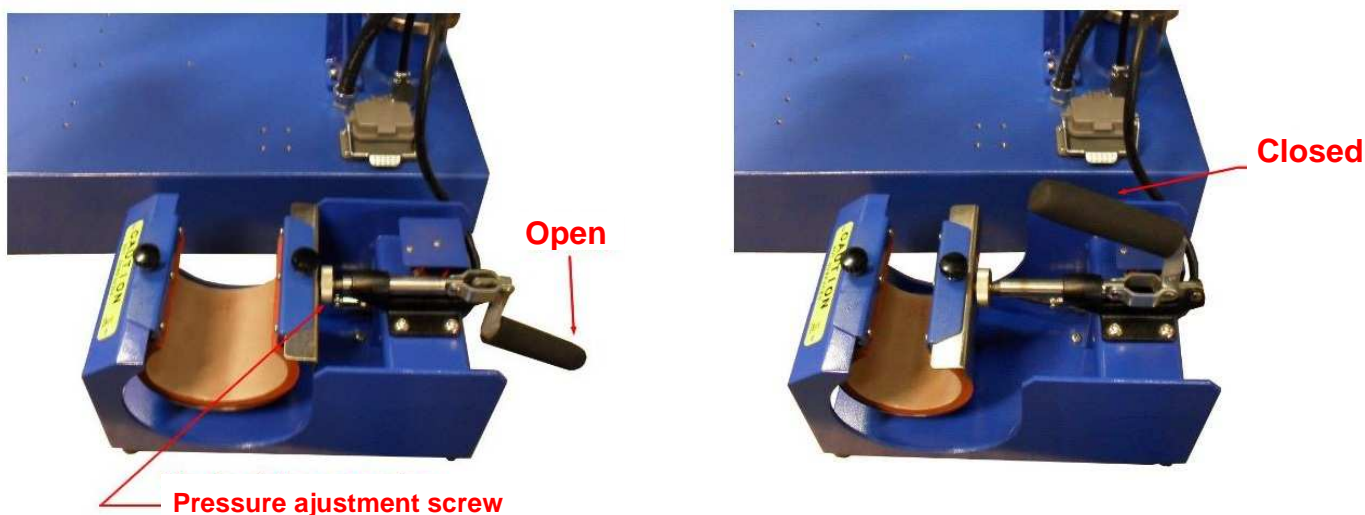


## MUG ACCESSORY

- Place two dowels in the holes of the supporting plate for accessory and screw both knurled knobs, then switch the accessory to the connector **8**.



- Adjust the pressure with the knurled screw, place the mug and raise the hand of the press to close it. At this moment the temperature will start growing progressively; once the temperature reached, the counter will be launched. Once the transfer finished, the buzzer will ring out.





**SET CONTROL CARD IN MODE 1 TO RETURN TO NORMAL MODE**

A. Turn off the press.

B. Press simultaneously the button “down arrow” (C) and “SET” button (E). Keeping your fingers on both buttons switch on the press (6). When the screen displays « 1 », drop both buttons, the press is in mode 1:



C. Follow the instructions on the page 9 to set the temperature and the transfer time.

**ATTENTION: this mode is prohibited for the following accessories:**

- *Plate accessories (Ø 11,5 & 15,5 cm) (12)*
- *Mug accessory (14)*



## SLIDING CARRIAGE FOR DOUBLE PLATEN 40X50 (option)

The sliding carriage for double platen can be adapted for the press PromaShirt TS-4050SAE. You can buy it when you buy the press or later.

The sliding carriage for double platen allows you to transform your Promashirt TS-4050SAE in an industrial press.

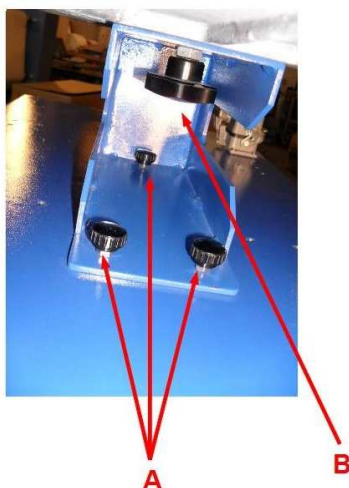


To fix the sliding carriage for double platen on the PromaShirt TS-4050SAE, proceed as follows:

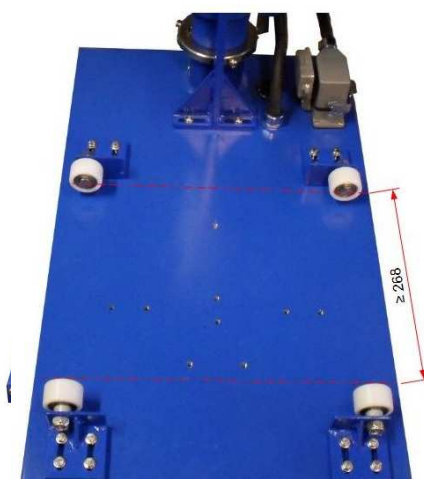
***ATTENTION! To avoid early wear-out of the screws, do these operations when the press is cold.***



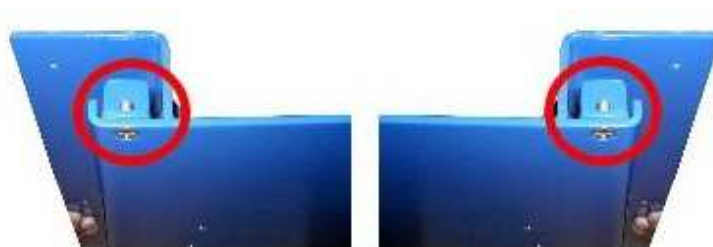
1. Take off the lower platen and the stand in « U » unscrewing the knurled knobs **A** - **B**:



2. Locate the rollers and place them as shown on the picture below.
3. Fix the rollers with the provided screws, adjust the gap.

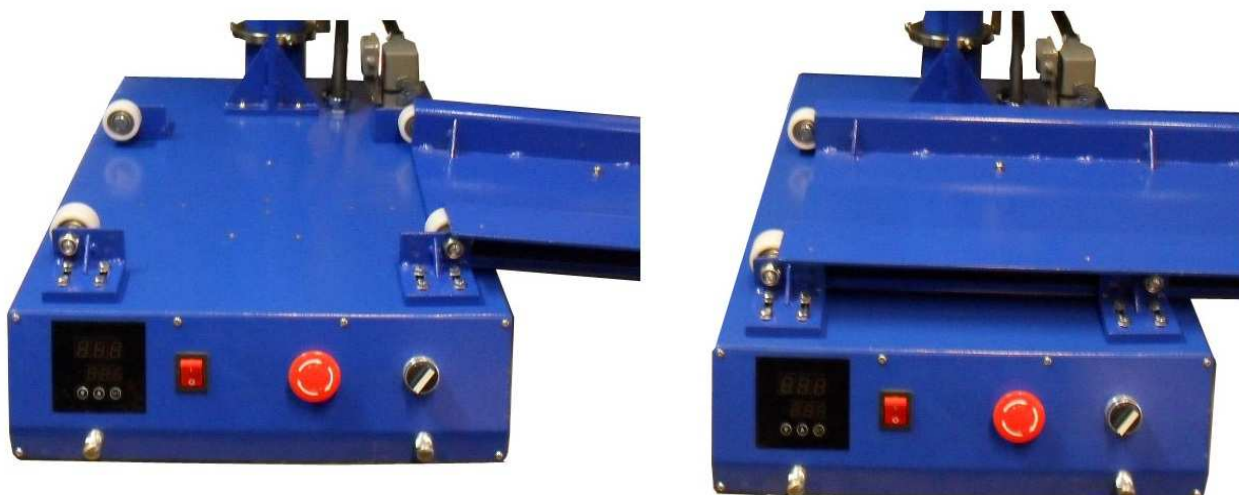


4. Unscrew both stop abutments of rails of the sliding carriage to slip it on the press.





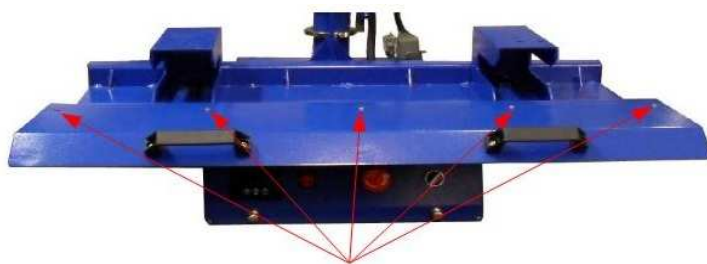
5-Put the carriage by the side where the end stop buttons were removed and slide them on the press width



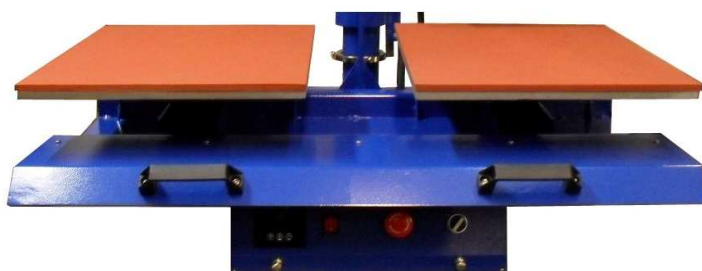
6-Screw again the end stop buttons as below. Check the carriage sliding, just again the alignment of the pinch rollers if necessary.



7-Put two socles as in U and fixe the cover with 5 screws.



8-Put on the two lower platens



Finally you can start your production

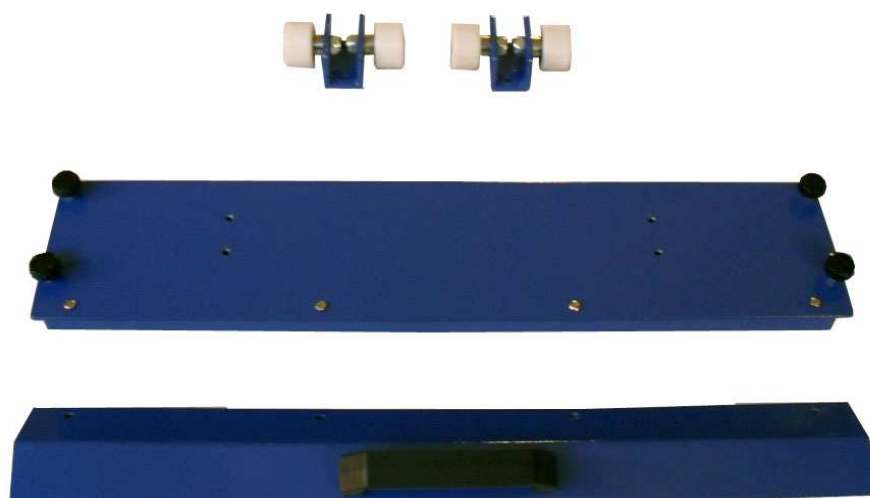


*According to your needs you can use one or two Kits of 4 platens*

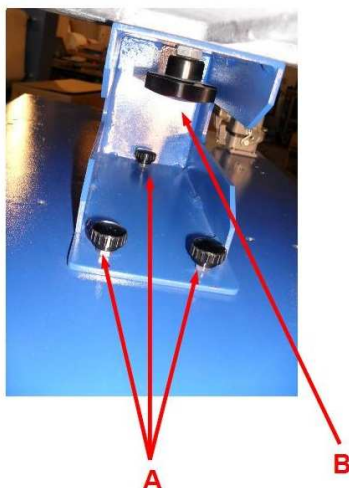


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## Double station shuttle CAP/PATCH(optional)



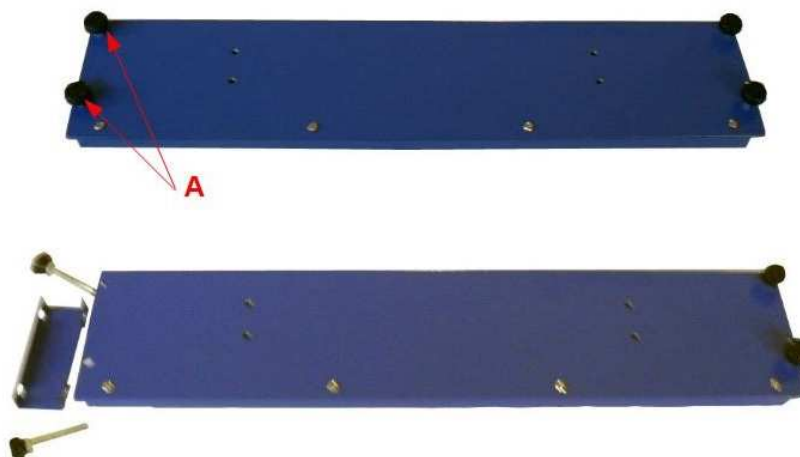
1. Remove the lower platen and the U Socle by unscrewing wheeled buttons A – B:



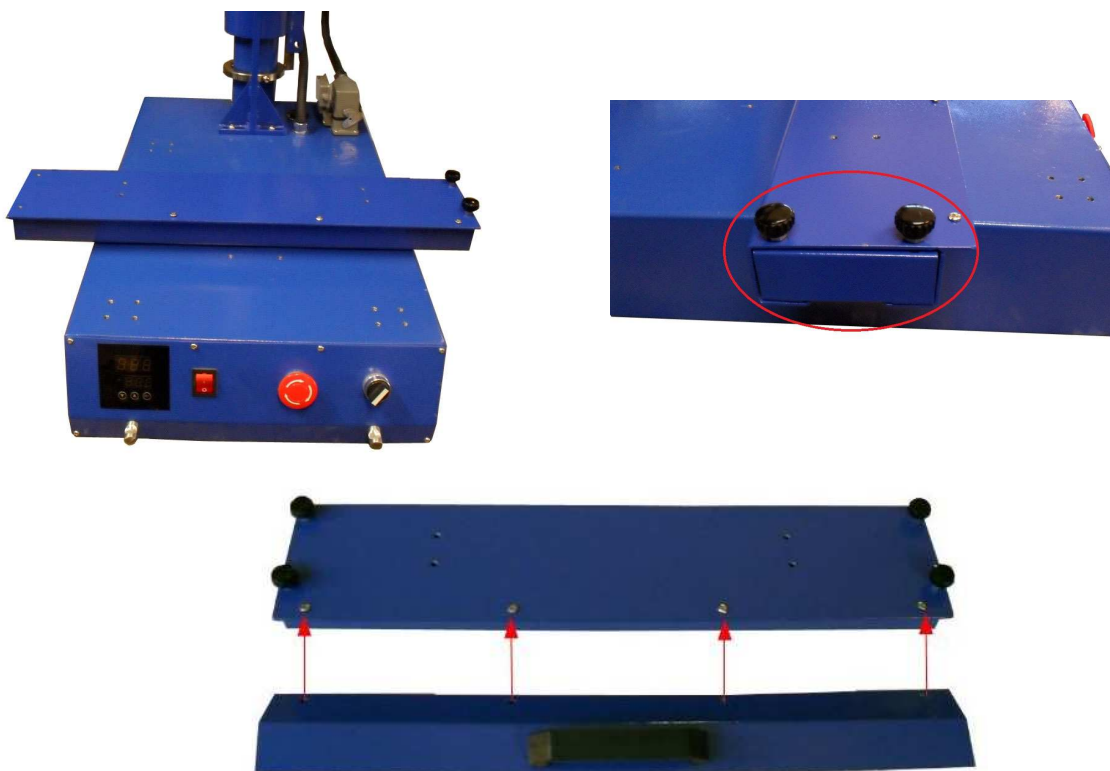
2. Fix the 2 pinch rollers with supplied bolts.



3. Unscrew the two wheeled buttons A and the stop plate in order to stick the carriage on the press.



4. Take the carriage by the side where the end stop buttons were removed and slide it on all the press width put back the stop plate



## PRECAUTIONS OF USE

- A-Must handle device with caution
- b. High operating temperature, avoid burning.
- C. a pressure regulator can adjust the device pressure. The Pressure has been set by the factory and it should not be changed during the transfer process.
- D. Turn off the device when not in use.

## SECURITY

This Thermo heat press has been designed for production with the respect on the L 233-5 article of the labour law, for user safety.

This press in designed to be used by an operator in the front of the machine.

**All kind of maintenance operations should be carried out when the machine is off.  
(Electrical power)**

## MAINTENANCE

### Every day:

Clear the upper platen by a dry cloth.

### According to the use :

Change the Silicone Foam when goes bad.

Make sure you grease regularly the rubbing parts (ask for our advice before).





## GUARANTEE CONDITIONS

- The Guarantee period starts from the date of the reception of the machine by the user, for 1 year for all mechanic parts and resistances included
- The Guarantee is only for our product, against all bad use and operating process. It is up to the user to prove the contrary.
- It is our responsibility to remove the defected parts and replace them with new parts for free; we are not expecting any claims or damages.  
The removed parts as guarantee proof :
  - Belong to us
  - Subject of invoicing process in our warehouse

Once the defected parts are sent a credit note will be issued. The return must be done one MONTH MAXIMUM of the maintenance intervention.

### **The guarantee does not cover :**

- Perishable supplies from trade such as:  
Fuses, bulbs, transformers, joints, flexible...
- Supplies which are not our made are subject to guarantee from their own suppliers.

### **Guarentee is not applicable :**

- For Replacement, and fixing the parts which can result to the usury of the equipment and the machine, deteriorations or accidents coming from negligence, non use of monitoring and maintenance, useless use or making modifications without any written agreement..
- In case of a screw coming from a substance supplied by the buyer, and an idea from him.
  - For the maintenance which is the result of accidents during the transport.
- Maintenance operation and setting for the machine use, and shown in the manual of use, such us :
- Intermediary setting, retightening the pipes, etc... (Not included in the guarantee).



**QUALITY CERTIFICATE**

**DEVICE NAME** : Press TS-4050SAE

**serial number of the Device:**

**This Device is Certified and inspected and authorized for Sale**

**PACKING LIST**

- 1 press model TS-4050SAE
  - 1 Supply Cable
  - 1 manual use guide

**For all technical queries or parts ordering please contact:**

**Direct Line N° : + 33 (0)1 43 68 06 13**



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