



Instruction Manual

Version 10.01

Heat press

BluePRESSLine

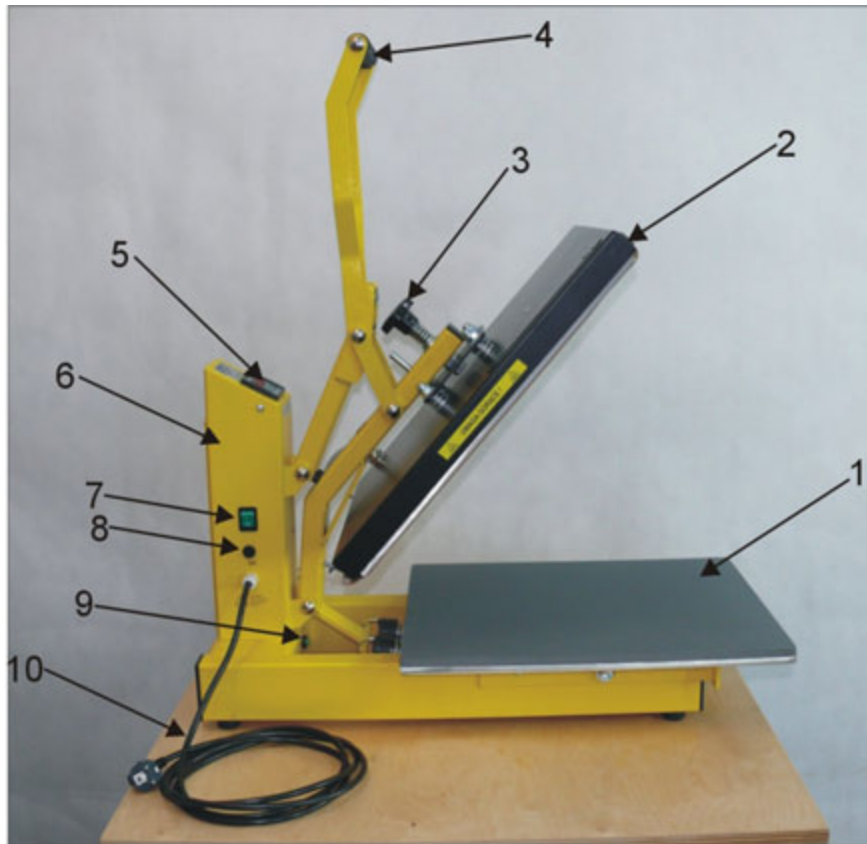
Size 3

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1.2 Illustration of the heat press



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|---------------------------------------|----------------------|
| 1. Base plate with silicon mat | 6. Enlargement plate |
| 2. Heating plate | 7. Main switch |
| 3. Contact pressure adjustment | 8. Main fuse |
| 4. Compression lever with rubber grip | 9. Time switch |
| 5. Electronic devices | 10. Connection cable |

1.3 Technical Data

Dimensions of the press: 49 x 43 x 75 cm
Working plate: 40 x 50 cm
Weight: 35 kg
Operating voltage: 230 VAC
Power with plate: 2,4 kW
Temperature range: 0 – 220° C
Time settings: 1sek – 9:59 min
Max. Pressure: ca. 500 kg
Main fuse: 12A

1.4 Safety arrangements of the heat press

The BluePRESLine Size 3 is equipped with different safety arrangements, to make a safe usage possible.

Main fuse 12A

The main fuse 12A is placed in the pivoting upper part of the heat press. In case of overcharge, the main fuse prevents the heat press from getting damaged.

Once the fuse was activated, it has to be replaced. The instruction for replacing the main fuse can be found in chapter 4.3.

Thermal fuse

The thermal fuse is placed directly on the heating plate and it stops the power supply if the temperature exceeds 260°C. If this fuse is activated, the temperature sinks down to 90°C. After that the power supply gets activated again and the temperature of the heating plate rises and you can work with the press again. Certainly you need to install a new thermal fuse within the next days. The instruction for the replacement of the thermal fuse can be found in chapter 4.6.

Acoustic signal

3 Seconds before the end of the pressing process an acoustic signal will sound.

1.5 Safety arrangements at the workspace

Set-up and installation of the heat press

The set-up and installation of the press has to be controlled by an authorized person. Depending on the model and weight of the heat press, the installation has to be done by 2 or more persons.

The instruction for the set-up and montage of the heat press can be found in chapter 2.2.

Testing the heat press

After a correct installation of the press it is important to ensure that the press works properly, isn't damaged and has no safety defects. The testing can only be done by the employer or other authorized persons and is mandatory to guarantee correct installation and safe usage of the press. The testing should be protocolled.

If any irregularities regarding functionality or safety are found during the testing, these have to be noted and reported to Walter Schulze GmbH in written form within 7 days. Until clarification the press can not be used.

Information and Education

According to § 81 industrial relations law and § 14 employment protection law the employer has to make arrangements to give all information about the function and the range of application to the user.

In particular the user needs to be acquainted with the complete manual and be explicitly informed of the dangers of working with the press. The details have to be explained in a coherent form and language.

Safety distance and ventilation

The press has to be installed at a place which gives enough space on both sides to put the material on.

The space in front of the press has to be wide enough to let nothing disturb the user at work.

Using the press with certain materials may create a strong smell. That's why the user should evaluate the need for a ventilation system at the workplace.

Safety instruction:

- The press should only be used by trained personal after notice of this manual
- Only one person is allowed to work on the press at a time.
- Beware of heating plate – risk of burns.
- The plug has to be pulled out of the power outlet while maintenance.

2. Initiation

2.1 Tips for transport

The BluePRESSLine Size 3 is covered with a cardboard for transport. Right after the receiving you should check if the cardboard and the press are in good condition. Later on, if you have to send the press somewhere, we ask you to cover the press with the same cardboard and in the same way. The press has to be cold and the pressure lever has to be pulled down.

2.2 Installation of the heat press

The heat press is delivered in a cardboard. After unpacking and connecting heat press can be worked with. The BluePRESSLine Size 3 heat press do not need any other installations.

2.3 Power supply

The BluePRESSLine Size 3 has to be connected to a voltage of 230VAC/ 50Hz. The press is equipped with a plug. Make sure that the power outlet is in the right condition and that the grounding is connected to the power outlet.

2.4 Initiation of the heat press

While powering up the press, the movable part has to be in the upper position, which means that the press has to be open. The press also has to be open while heating up. The press can be turned on with the green switch. If the green switch glows the press heats up to the adjusted temperature. After finishing the work with the press the switch has to be turned off and the plug has to be pulled out.

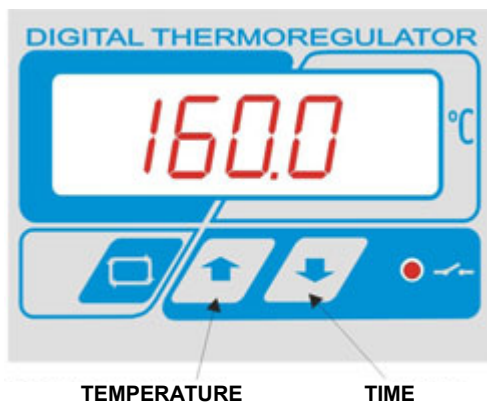
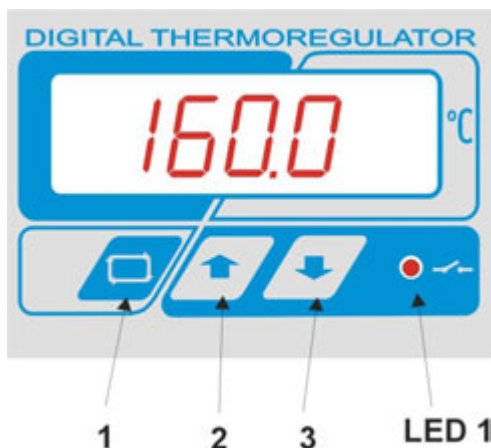
3. Working with the heat press

3.1 Programming the electronic devices

After switching on the press, the current temperature is shown on the display and the press heats up.

Change settings:

1. The programming mode shows up when you press **Button 1** for about 5 seconds, until the LED blinks up.
 2. LED1 blinks and the programmed temperature shows up on the display. The programming mode is activated.
 3. **The temperature** gets programmed with button 2 and 3.
 4. Press **Button 1 shortly**.
On the display you can see the programmed time.
You can programm the time by pressing **Button 2 and 3**.
 5. Press **Button 1 shortly** to save the changes and leave the programming mode.
- or:
6. To get to the ECO programming, press **Button 1** for 3 seconds.
 7. With **Button 2 and 3** you can switch between the ECO modes:
„Eco 0” - ECO mode turned off,
„Eco 1” - ECO mode turned on
 8. To leave the programming mode press **Button 1**.



Example: adjusted temperature 160°C

Control of the adjusted temperature

If you want to control which temperature is adjusted at the moment, press button 2(+). The temperature shows up on the display.

Control of the adjusted time

If you want to control which time is adjusted at the moment, press button 3(-). The time shows up on the display.

"ECO" Mode

The "Eco" Mode is a special economic mode, which cools down the momentarily unused press about 50°C and turns off the heating elements later. Both will be signaled acoustically.

1. After not using the press for 30minutes, the temperature decreases about 50°C.
2. After not using the press 90 minutes, the heating elements turn off.

The press gets activated again by pushing any button at the press.

3.2 Application range and sample adjustments of the heat press

This press is used to put transfers and transferfilms on textiles. To get good achievements, get in contact with the producer of the textiles. Here are some settings:

Film Flex	150°C – 160°C	Time	15 Seconds
Film Flex S	155°C – 160°C	Time	15 Seconds
Film A-Flex	155°C – 160°C	Time	15 Seconds
Film Flock	160°C – 180°C	Time	15 Seconds
Sublimation	150°C – 160°C	Time	50 Seconds

All indications without warranty, please do your own testing before producing.

3.3 Pressure adjustments

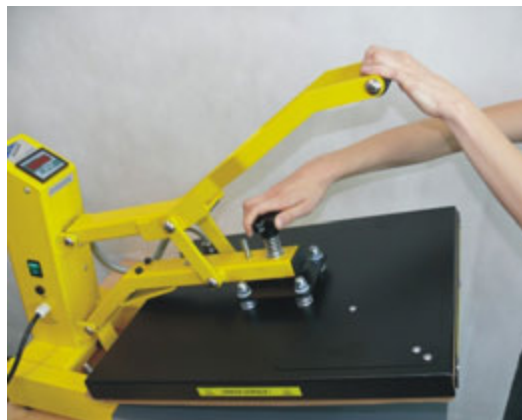
You can adjust the pressure very exactly. To do this, follow this explanation:

1. Put a textile on the workplate.
2. Close the heat press and control the pressure, after that, open the heat press.
 - Turn the knob right to increase the pressure.
 - Turn the knob left to decrease the pressure.

After every change in the pressure adjustment, it is necessary to close the heat press to control the new settings.

Damages, which results from a raised pressure adjustment, are barred from guarantee.

The fixation screws at the enlargement plate 1 and 2 have to be retighten after every pressure adjustment per hand.



3.4 Adjustment of the tension springs

If you notice that heat press is not opening exactly and is too near to the base plate, you can change the adjustment of the tension springs. The screw spring adjustment is on the front of the heating press. With this spring can you increase or decrease the tension. After that you should check your new adjustment.



4. Maintenance

4.1 Daily Maintenance

The working surface of the heating plate and the base plate have to be clean. The heating plate can be cleaned with a clean, dry cloth. Avoid contact with the heating plate – risk of burns. The silicon gum can be cleaned with a soft cloth. You can use mild household detergent. Avoid scrub sponges, solvents or fuel.

4.2 Monthly Maintenance

Before beginning maintenance work, **control if the press is turned off and cold**. Disconnect the press from electricity. Some movable parts need to be greased. Greasing is needed after every **200 hours of usage**. You can take normal car grease which is **heat resistant up to 160°C**.



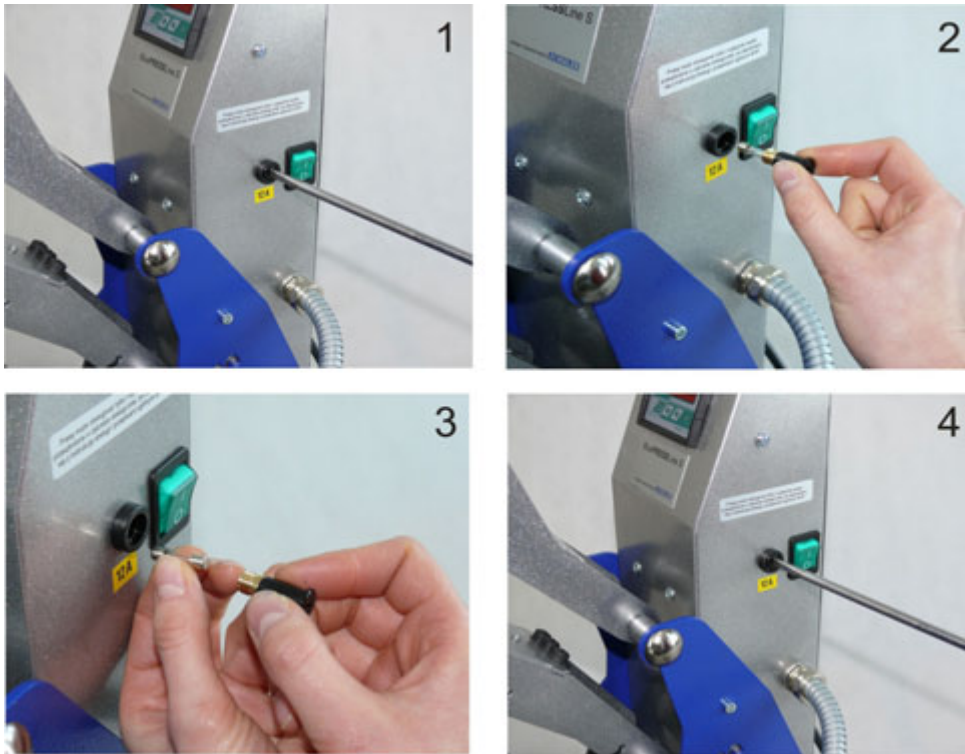
There are 4 points on the heat press, which have to be greased after 200 hours of usage. While greasing you have to move the pressure lever up and down slowly.

1. At the pressure lever, 2 little chambers (**photo 1**).
2. At the pressure lever, 2 little chambers (**photo 2**).
3. At the lower lever next to the base plate, 2 little chambers (**photo 3**).
4. At the lower lever, 2 little chambers (**photo 4**).

4.3 Replacing the main fuse

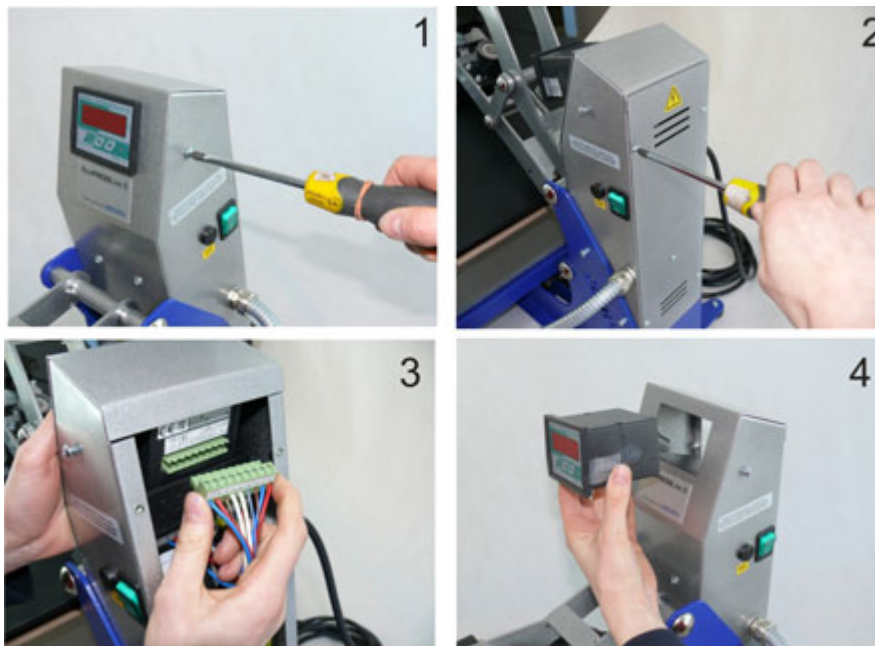
If the heat press does not work after switching on, check the main fuse of the press.

The main fuse 12 A is placed at the upper part of the heat press next to the main switch (**photo 1**). To exchange the fuse, **switch off the heat press first and pull the plug**. There are additional fuses in the manual. Then remove the fuse bracket (**photo 1**). Pull out the main fuse (**photo 2**). Replace the fuse (**photo 3**) and tighten the fuse bracket again (**photo 4**).



4.4 Replacing the electronic devices

Inside the heat press are the electronic devices, which are controlling the time and the temperature. For an exchange of the electric devices **turn off the press and pull the plug**. Release the fixation screws (**photo 1**) and remove the back cover (**photo 2**). Disconnect the green plug (**photo 3**), and take out the electronic devices (**photo 4**). Put it in the new electronic devices and reassemble the press again.



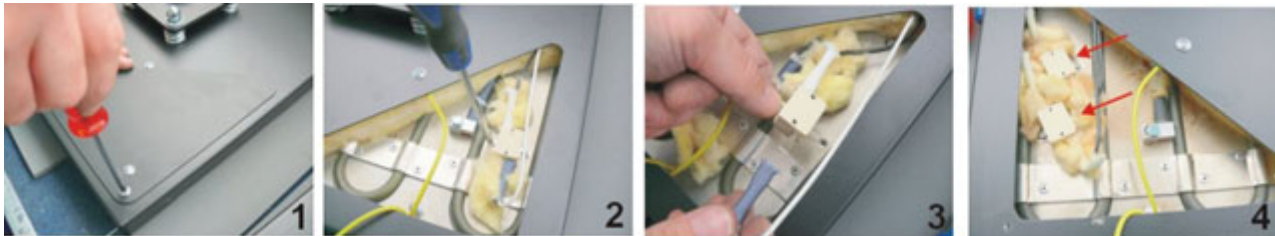
4.5 Replacing the silicon mat

To replace the silicon mat **the press has to be cold and disconnected from the electricity**. For the exchange you need a new silicon mat, silicon glue, acetone and a notched trowel.

1. Remove the silicon mat completely with a knife .
2. Clean the plate and the new silicon mat with acetone.
3. Put an equal film of silicon glue on the plate using the notched trowel.
4. Put on the new silicon mat.
5. Close the pressure lever gently to press the silicon mat and the plate together.
6. Make sure that the plate and the mat lays exactly over each other.
7. Remove remaining glue or overlapping mat from the edges of the press.
8. Let the glue dry for 24hours. Only then open the press.

4.6 Replacing the thermal fuse

For the replacement of the thermal fuse, the heat press **must be disconnected from the electricity and cold**. Remove the cap from the heating plate and remove the heat isolation (**photo 1**). Then remove the thermal fuse (**photo 2**) and connect a new one (**photo 3**). Do the same with the second thermal fuse (**photo 4**). Screw both on the plate, set in the thermal isolation and screw on the cap.

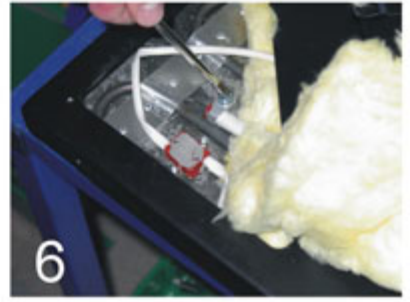
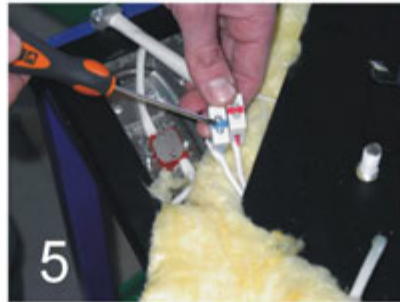
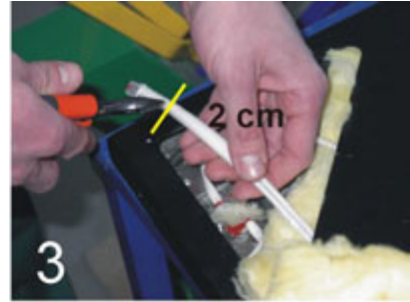
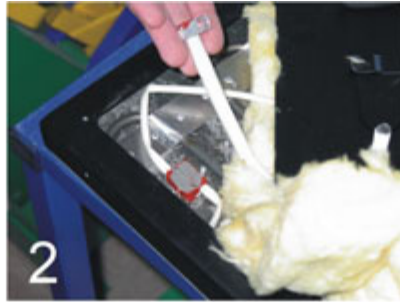


4.7 Replacing the temperature sensor

The replacement must be done by an authorized person.

To replace the temperature sensor **switch off the heat press, pull the plug and wait until the heat press is cool.**

1. Screw the cap and take out the insulation loose (Photo 1)
 2. Screw the temperature sensor loose (Photo 2)
 3. Cut the cable with a gripper (Photo 3)
 4. Strip part of cable insulation off (Photo 4)
 5. Connect the cables (Photo 5)
 6. Fix the temperature sensor (Photo 6)
 7. Put the cables on the insulation and screw on the cap (Photo 7)
- Please pay attention on the polarity – blue to blue and red to red.**



4.8 Troubleshooting

Problem	Cause	Debugging
Green switch glows, but: display do not glow heating plate do not heat	1. main fuse 12 A is defect 2. if main fuse is okay, the electronic devices are defect	1. Replace main fuse 12 A 2. Replace electronic devices
heat press do not heat to adjusted temperature although red diode is glowing after switch on temperature raises and sinks after some time	temperature fuse on the heating plate is defect	replace temperature fuse (2 pieces)
display shows just 4 lines no temperature or time information	temperature sensor is defect or circuit to temperature sensor is disconnected	control the circuit to temperature sensor or replace temperature sensor
after closing the heat press no time settings are shown	bracket, which switches the START-Button is deformed START-Button is defect	After pressing and holding the START-Button time information is shown, deform the bracket a bit After pressing and holding the START-Button Time information is not shown, replace the START-Button
no acoustic signal after time elapse	beeper is defect	replace electronic devices
temperature rises higher than adjusted Although red diode in display is not glowing Example: temperature 180°C was adjusted temperature rises to 180°C - red diode glows After attain temperature 180°C – diode terminates temperature raises over 220°C, then sinking to ca. 90°C and raises again to over 220°	power supply CRYDOM is defect	Replace power supply CRYDOM
SET-Buttons do not function no time or temperature settings possible	SET-Buttons are defect	replace electronic devices
temperature on heating plate is not the same as shown on display – temperature too low or high	breakdown of electronic devices	reset electronic devices after message, call Walter Schulze GmbH
Heat press raises very slowly – 30 minutes One half of the heating plate do no raise adjusted temperature red diode glows	one of the two heatins spirals is defect	send heating plate to repair

4.10 Testing Report

final check of the heat press:

- - base, paint
- - greasing of the waves
- - heating plate and baseplate, silicon, teflon
- - electronic connection, safety wire, power cable
- - electronic, max. temperature 220°C
- - check of all functions
- - working time at 180°C hours
- - temperature tolerance at 180°C - / +°C
- - working time at 220°C hours
- - test with a transfer film
- - caution labels

Serial number Date Signature

4.13 EC-Conformance-Declaration after EC- guideline for machines 2006/46 EC

The Walter Schulze GmbH
Schmalenbachstraße 15
12057 Berlin

as European representative of the manufacturer company ROMANIK hereby declares that the following machine:

Heat press Serial number

is compliant with the specifications of the following EC directives:

Machinery (2006/46)
Low Voltage (2006/95)
EMC (2004/108)

used norms and technical specifications:

EN 292-1 EN 292-2 safety of machines
EN 60204-1 electrical equipment of machines

Berlin ,

Peter Meidinger
President

All SCHULZE heat presses are exempt from the waste disposal law under reg. no. DE 231060054.
