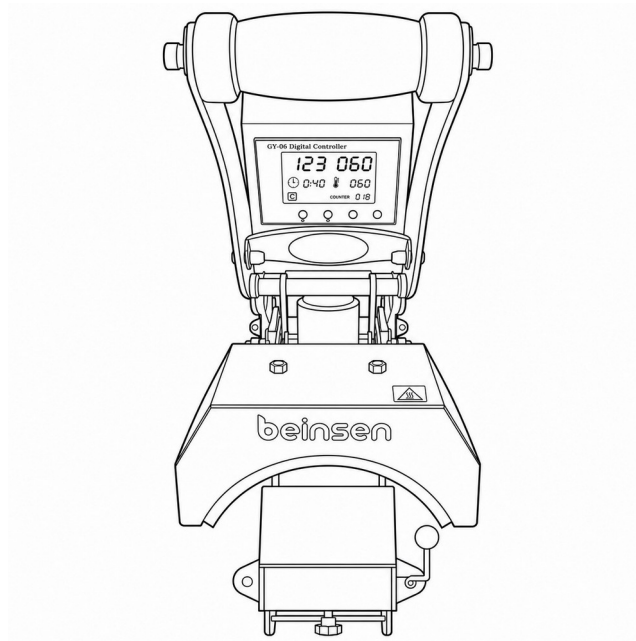


**B E I N S E N**

# Obrei

Cap press with automatic opening



**User Manual**  
and Safety Instructions

*Empowering Your Personalization Needs.*

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*Page numbers are indicative and may vary slightly depending on the specific length of the sections for this model.*

# 01

## Introduction and Equipment Description

The Beinsen Obrei is a semi-automatic cap heat press: closing is manual and opening is automatic at the end of the cycle, preventing the cap from being exposed to heat longer than necessary. With interchangeable heating elements (15 × 15 cm and 10 × 20 cm for caps) and a GY-06 digital controller, it's the professional choice for workshops producing personalised caps frequently.

### Applications

Sublimation, HTV vinyl and transfer on caps of various formats. Compatible with small flat surfaces thanks to the 15 × 15 cm heating element. Suitable for souvenir shops, corporate gifts, sports teams and professional production.

### Main components

- Curved lower plate adaptable to the cap forehead
- Interchangeable heating elements (15 × 15 cm flat and 10 × 20 cm for cap)
- Manual closing system with automatic opening
- Reinforced lever arm
- GY-06 digital controller
- Compact Beinsen orange frame



*Fig. 1 · Main components of the Beinsen Obrei.*

# 02

## Technical Specifications

<b>Model</b>	Obrei
<b>Press Type</b>	Semi-automatic for caps
<b>Opening Mode</b>	Automatic
<b>Closing Mode</b>	Manual
<b>Heating Element Type</b>	Replaceable
<b>Heating Element Size</b>	15 × 15 cm y 10 × 20 cm (gorra)
<b>Maximum printable thickness</b>	20 mm
<b>Display model</b>	GY-06
<b>Touch screen</b>	No
<b>Timer range</b>	0 – 999 seg.
<b>Maximum temperature</b>	225 °C
<b>Voltage</b>	120 V / 220 V
<b>Power</b>	500 W / 1.000 W
<b>Weight</b>	25 kg
<b>Dimensions</b>	70 × 60 × 35 cm

*Technical specifications may vary slightly depending on the manufacturing batch configuration. Refer to the equipment identification label for the exact data of your unit.*

# 03

## Critical Safety

Read all warnings carefully before operating the equipment. Failure to follow these instructions may result in serious injury, property damage or void the warranty.

### **Risk of burns**

The heating elements reach 225 °C. Always handle the caps and the elements with thermal gloves.

### **Risk of entrapment (automatic opening)**

The upper plate rises automatically at the end of the cycle. Keep hands out of its path during opening.

### **Heating element change**

Make the change with the machine cold and disconnected. Check the fit and the electrical connection before resuming operation.

### **Electrical risk**

Connect the equipment only to a grounded socket. Verify the configured voltage (120 V or 220 V) before connecting.

# 04

## Operation Guide

The Obrei is a semi-automatic cap press: closing is operated manually and opening is automatic at the end of the cycle. The GY-06 controller manages temperature and time. The heating elements are interchangeable between 15 × 15 cm and 10 × 20 cm formats.

### Power-on and configuration

- 01 Connect the equipment to the mains and turn on the main switch.
- 02 Verify the configured voltage (120 V or 220 V) before first start-up.
- 03 The GY-06 controller display will light up showing the temperature reading.
- 04 Press SET to enter the configuration menu.
- 05 Adjust the target temperature with the (+) and (-) buttons.
- 06 Press SET again to move to time setting and configure it the same way.
- 07 Press SET to confirm and exit the menu.
- 08 Wait until the heating element reaches the target temperature.

### Heating element change

- 01 Turn off the equipment and disconnect it from the mains.
- 02 Wait until the heating element and associated components have cooled completely.
- 03 Loosen the screws or fixing clips of the current heating element.
- 04 Disconnect the electrical connection.
- 05 Fit the heating element of the desired format (15 × 15 cm or 10 × 20 cm for cap).
- 06 Check the correct fit before reconnecting the equipment.

### Pressing process with automatic opening

- 01 Place the cap on the lower plate, adjusting it to the support curvature.
- 02 Stretch the front area well where the design will be applied.
- 03 Apply the transfer paper with the printed side facing the fabric.
- 04 Secure the transfer with heat-resistant tape to prevent shifting.
- 05 Close the equipment manually by lowering the arm to its stop.
- 06 The timer will start when closing is detected.
- 07 When the alarm sounds, the equipment will open automatically.
- 08 Remove the cap with thermal gloves and peel off the transfer paper as instructed by the manufacturer.

# 05

## Maintenance and Troubleshooting

### Preventive maintenance

- Before each shift, check that the heating element and curved plate are clean.
- Clean the heating element with the machine cold using a microfibre cloth. Never use water or abrasive products.
- Check the operation of the automatic opening mechanism weekly.
- Inspect the electrical connections when changing the heating element.
- Check the temperature reading with a contact thermometer if you notice inconsistency.
- Request a full inspection of the equipment from an Official Technical Service authorised by Beinsen in case of any persistent anomaly.

### Troubleshooting

Problem	Probable cause	Solution
<b>The display does not turn on</b>	Loose power cable or incorrect voltage	Check the connection, configured voltage and socket. If it persists, contact Beinsen Technical Service.
<b>The automatic opening does not respond</b>	Jammed mechanism or faulty sensor	Turn off the equipment, let it cool and check the mechanism. If it persists, contact Technical Service.
<b>The heating element does not heat up</b>	Faulty electrical connection or damaged sensor	With the machine cold and disconnected, check the connector fit. If it persists, contact Technical Service.
<b>Uneven transfer on the cap</b>	Cap badly placed or insufficient pressure	Adjust the cap on the curved plate and increase the pressure when closing.

*To report any issue, request a repair or purchase genuine spare parts, contact exclusively an Official Technical Service authorized by Beinsen.*

# 06

## Legal Notice and Trademarks

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