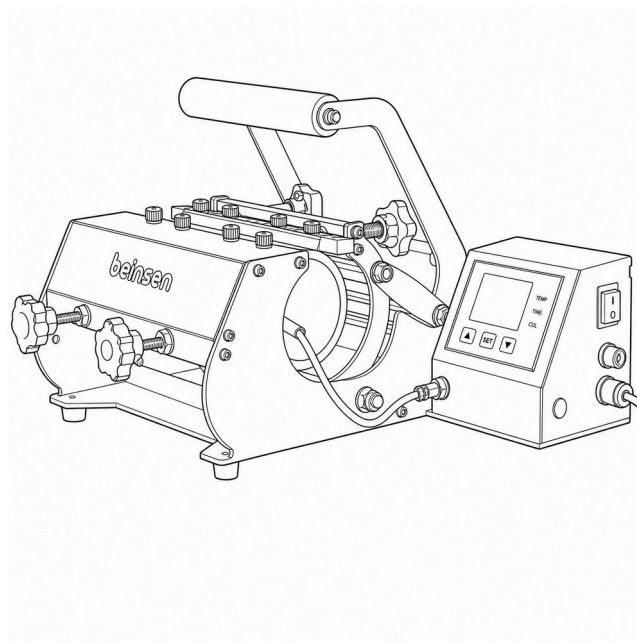


**B E I N S E N**

# Alina

4-in-1 mug press



## **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 Alina is the ideal companion for personalising mugs. With its 4 interchangeable heating elements (cylindrical 6-10 oz and 11-15 oz, and conical 12 oz and 17 oz), you can adapt the equipment to whatever format you need without changing machines. Compact, easy to operate and with a GY-04 digital controller with  $\pm 0.5\%$  precision.

### Applications

Professional sublimation on cylindrical mugs (6-10 oz, 11-15 oz) and conical mugs (12 oz, 17 oz). Suitable for souvenir shops, personalised gifts and multi-format production.

### Main components

- Base structure with adjustable clamp
- 4 interchangeable heating elements included
- Quick-change heating element system
- GY-04 digital controller
- Compact Beinsen orange housing



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

# 02

## Technical Specifications

<b>Model</b>	Alina
<b>Press Type</b>	For mugs
<b>Opening Mode</b>	Manual
<b>Closing Mode</b>	Manual
<b>Included Elements</b>	4 (6-10 oz, 11-15 oz, 12 oz cónica, 17 oz cónica)
<b>Interchangeable Elements</b>	Yes
<b>Digital Controller</b>	GY-04
<b>Temperature Precision</b>	±0,5 %
<b>Timer Range</b>	0 – 999 seg.
<b>Maximum Temperature</b>	225 °C
<b>Voltage</b>	110 V / 220 V
<b>Power</b>	130 W / 260 W
<b>Gross Weight</b>	12,75 kg
<b>Dimensions</b>	60,4 × 42,6 × 29,7 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 mug and the element with thermal gloves. Wait for complete cooling before any heating-element change.

### **Safe heating-element change**

Make all changes with the machine cold and disconnected from the mains. Check the fit of the new format and the electrical connection before resuming operation.

### **Storage of heating elements**

Store unused heating elements in a dry and clean place. Label each one with its format. Keep out of reach of children.

### **Electrical risk**

Connect the equipment only to a grounded socket. Verify the configured voltage (110 V or 220 V) before connecting.

# 04

## Operation Guide

The GY-04 digital controller with  $\pm 0.5$  % precision lets you configure the press temperature and time. Alina includes 4 interchangeable heating elements for the most in-demand market formats.

### Power-on and configuration

- 01 Connect the equipment to the mains.
- 02 Verify the configured voltage (110 V or 220 V) before first start-up.
- 03 Turn on the main switch.
- 04 The GY-04 controller display will light up showing the temperature reading.
- 05 Press SET to enter the configuration menu.
- 06 Adjust the target temperature with the (+) and (-) buttons.
- 07 Press SET again to move to time setting and configure it the same way.
- 08 Press SET to confirm and exit the menu.
- 09 Wait until the mounted heating element reaches the target temperature.

### Heating element change (4 formats)

- 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 Identify the heating element matching the desired format: 6-10 oz, 11-15 oz, 12 oz conical or 17 oz conical.
- 06 Fit the new heating element and reconnect the power supply.
- 07 Check the correct fit before reconnecting the equipment to the mains.

### Pressing process

- 01 Apply the transfer paper to the mug with the printed side facing the ceramic surface.
- 02 Secure the transfer with heat-resistant tape to prevent shifting.
- 03 Place the mug inside the perimeter heating element.
- 04 Firmly close the manual clamp.
- 05 When the programmed time ends, open the clamp and remove the mug with thermal gloves.
- 06 Peel off the transfer paper as instructed by the consumable manufacturer.

# 05

## Maintenance and Troubleshooting

### Preventive maintenance

- Before each shift, check that the mounted heating element and base are clean.
- Clean the heating elements with the machine cold using a microfibre cloth. Never use water or abrasive products.
- Periodically check the clamp adjustment and the integrity of the power cable.
- Inspect the electrical connections when changing format.
- 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>A specific heating element does not heat up</b>	Faulty electrical connection	With the machine cold and disconnected, check the connector fit. If it persists, contact Technical Service.
<b>Uneven transfer</b>	Insufficient pressure or inadequate time	Adjust the clamp to increase pressure and review the parameters from the transfer manufacturer.
<b>Marks on the mug</b>	Dirt on the heating element	Clean the heating element with the machine cold.

*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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