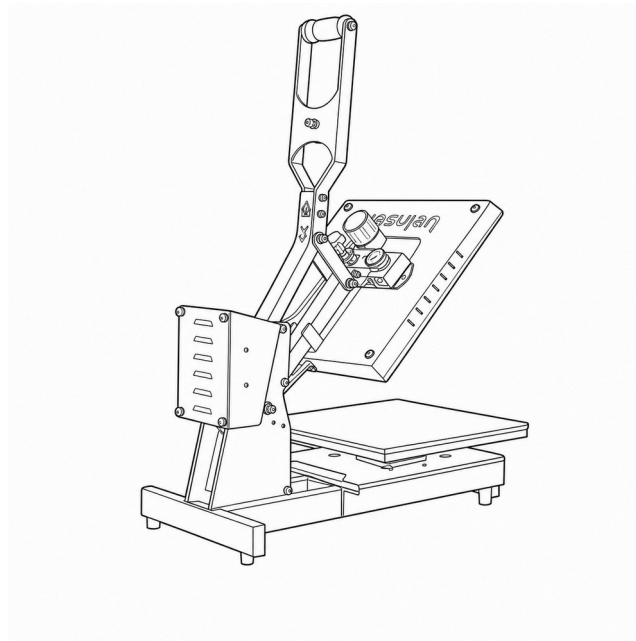


B E I N S E N

Barbados

Plancha sandwich semiautomática



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 Barbados is a compact automatic electric heat press, equivalent to Alaska but with extra automation features. Available in 38 × 38 cm and 40 × 50 cm formats. Designed for the same target user as Alaska but adding more comfort and productivity in continuous shifts.

Applications

Textile sublimation, HTV vinyl, DTF and transfer on T-shirts, sweatshirts, cushions, tote bags, blankets, sportswear and flat substrates. Suitable for workshops with medium and high production demand seeking maximum automation.

Main components

- Upper heating plate
- Plato inferior intercambiable
- Automatic opening and manual lever-closing system
- Reinforced lever arm
- GY-06 digital controller frontal
- Pressure regulator via upper hand wheel
- Industrial metal Beinsen orange frame



Fig. 1 · Main components of the Beinsen Barbados.

02

Technical Specifications

	Sandwich
	Apertura automática y cierre manual
	45°
	GY-06
	No
	No
	0 – 999 seg.
	1
	40 × 50 cm
	Yes
	1,8 kW
	225 °C
	120 V / 220 V
	35 kg
	51 kg
	92 × 52 × 51 cm
	Not included
	No

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 plate reaches 225 °C. Always use thermal gloves when operating the equipment and keep the work area free of children, pets and flammable materials.

Automatic opening

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

Electrical risk

Connect the equipment only to a grounded socket. Verify the configured voltage (120 V or 220 V) before connecting. Do not handle the equipment with wet hands.

Plate change

Make the plate change with the machine cold and disconnected from the mains. Check the alignment of the new plate before resuming operation.

Lever arm

Operate the lever arm firmly but smoothly. Periodically check the integrity of the arm and the closing mechanism.

04

Operation Guide

The GY-06 digital controller lets you configure the press temperature and time. The equipment performs automatic opening at the end of the cycle but requires manual closing with the lever arm.

Power-on and configuration

- 01 Connect the equipment to the mains and turn on the main switch.
- 02 The GY-06 controller display will light up showing the temperature reading.
- 03 Press SET to enter the configuration menu.
- 04 Adjust the target temperature with the (+) and (-) buttons.
- 05 Press SET again to move to time setting and configure it the same way.
- 06 Press SET to confirm and exit the menu.
- 07 Wait until the upper plate reaches the target temperature.

Pressing process (automatic opening, manual closing)

- 01 Place the garment or substrate on the lower plate, well stretched.
- 02 Apply the transfer paper with the printed side facing the fabric.
- 03 Cover with a Teflon sheet to protect the garment and the plate.
- 04 Close the equipment by lowering the lever arm to its stop.
- 05 The timer will start when closing is detected.
- 06 When the alarm sounds, the upper plate will rise automatically.
- 07 Remove the substrate and peel off the transfer paper as instructed by the consumable manufacturer (hot peel or cold peel).

Interchangeable plate change

- 01 Turn off the equipment and disconnect it from the mains.
- 02 Wait until the plates have cooled completely.
- 03 Remove the lower plate following the equipment's quick-change system.
- 04 Fit the plate of the desired format.
- 05 Check the correct alignment before reconnecting the equipment.

05

Maintenance and Troubleshooting

Preventive maintenance

- Before each shift, check that the plates are clean and free of debris.
- Clean the plates while warm using a thermal glove and a microfibre cloth. Never use water or abrasive products.
- Check the operation of the automatic opening mechanism weekly.
- Periodically inspect the pressure regulator and the integrity of the lever arm.
- Check the temperature reading with an independent contact thermometer if you notice inconsistency.
- Request a full inspection of the equipment from an Official Technical Service authorised by Beinsen at least once a year.

Troubleshooting

Problem	Probable cause	Solution
The display does not turn on	Loose power cable or no voltage	Check the connection and the configured voltage. If it persists, contact Beinsen Technical Service.
The automatic opening does not respond	Jammed mechanism or faulty end-of-cycle sensor	Turn off the equipment, let it cool and check the mechanism. If it persists, contact Technical Service.
The plate does not reach the target temperature	Damaged sensor	Turn off and contact Beinsen Technical Service.
Marks or uneven transfer	Insufficient pressure or missing Teflon	Adjust the pressure regulator and use intermediate Teflon.
Slower heating than usual	Insufficient supply voltage	Check the supply voltage and the equipment configuration (120 V or 220 V).

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

06

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Warranty and technical service

To report any issue, request a repair or purchase genuine spare parts, contact exclusively an Official Technical Service authorized by Beinsen. Find the nearest technical service point through the official website.

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