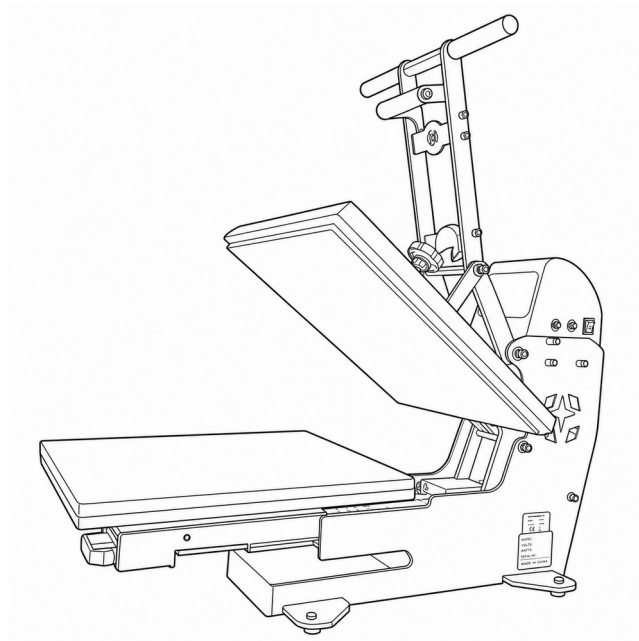


B E I N S E N

Malvinas

Plancha sandwich automática · serie insignia



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 Malvinas is a top-of-the-range electric heat press with new auxiliary-control handle, anti-burn cover, reversible pressure regulator with electromagnet, emergency stop, touch screen, new high-tech heating element and interchangeable plate system. Pull-out tray and extra-large space for sweatshirts and thick fabrics.

Applications

Professional industrial sublimation, DTF, HTV vinyl and transfer on garments, sweatshirts and thick textile substrates. Suitable for workshops with intensive use and high demand of quality and safety.

Main components

- Upper heating plate
- Plato inferior intercambiable
- Quick-change system de platos
- GY-13 touch screen with 3 memory slots
- Upper manual pressure regulator
- Cubierta antiquemaduras
- Industrial Beinsen orange frame



Fig. 1 · Main components of the Beinsen Malvinas.

02

Technical Specifications

Model	Malvinas
Press Type	Sandwich
Operating Mode	Automatic and manual
Pressure	Manual
Maximum customisable thickness	20 mm
Display Model	GY-13
Touch screen	Yes
Memories	3
Timer Range	0 – 999 seg.
Number of Plates	1
Plate Size	40 × 50 cm
Interchangeable Plates	Yes
Cubierta antiquemaduras	Yes
Power	1.800 W
Maximum Temperature	225 °C
Voltage	220 V
Net Weight	61,4 kg
Gross Weight	78 kg
Package Size	94 × 57 × 57 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 plate reaches 225 °C. The anti-burn cover reduces the risk of accidental contact, but thermal gloves remain mandatory. Keep the work area free of children, pets and flammable materials.

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.

Memory slots and programmed jobs

The 3 memory slots let you save recurring configurations. Before starting a job loaded from memory, check that the parameters match the consumable and substrate you will use.

Electrical risk

Connect the equipment only to a grounded socket. Do not handle the equipment with wet hands and disconnect it before any cleaning operation.

Pressure regulator

Pressure adjustment is manual via the upper regulator. Periodically check that the regulator works smoothly and maintains pressure throughout the cycle.

04

Operation Guide

The GY-13 touch screen lets you configure press temperature and time with 3 programmable memory slots. Pressure is adjusted manually via the upper regulator. The equipment has automatic and manual mode with interchangeable plates and anti-burn cover.

Power-on and configuration

- 01 Connect the equipment to the mains and turn on the main switch.
- 02 The GY-13 touch screen will light up showing the temperature reading.
- 03 Touch the screen to enter the configuration menu.
- 04 Adjust the target temperature with the (+) and (-) icons.
- 05 Configure the press time the same way.
- 06 Save the configuration to one of the 3 memory slots if desired.
- 07 Wait until the upper plate reaches the target temperature.

Manual pressure adjustment

- 01 Locate the pressure regulator at the top of the equipment.
- 02 Turn it clockwise to increase pressure, counterclockwise to reduce it.
- 03 Run a test with a reference substrate before starting series production.

Pressing process

- 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 Teflon if the consumable requires it.
- 04 Close the equipment by activating the system. In automatic mode, it will only open at the end of the cycle.
- 05 Remove the substrate and peel off the transfer paper as instructed by the manufacturer.

Interchangeable plate change

- 01 Turn off the equipment and disconnect it from the mains.
- 02 Wait until the plates have cooled completely.
- 03 Follow the equipment's quick-change system to remove the current plate.
- 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.
- Clean the touch screen with a soft antistatic cloth.
- Periodically inspect the pressure regulator and the integrity of the closing mechanism.
- 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 touch screen does not respond	Software lockup or accidental impact	Turn off for 30 seconds and restart. If it persists, contact Beinsen Technical Service.
The equipment does not open automatically	Manual mode selected or faulty sensor	Check the mode selected on the screen. If it persists, contact Technical Service.
The plate does not reach the target temperature	Damaged sensor	Turn off and contact Beinsen Technical Service.
Pressure loss during the cycle	Miscalibrated regulator	Readjust the regulator. If it persists, contact Technical Service.
Marks or uneven transfer	Dirty plate or missing Teflon	Clean the plate and use intermediate Teflon.

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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