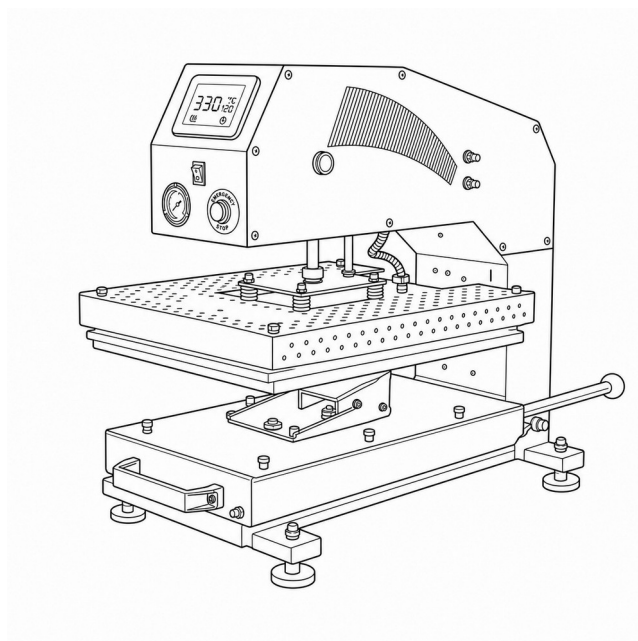


B E I N S E N

Esparta

Prensa térmica neumática · estación única



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 Esparta is a professional pneumatic heat press for industrial production. With anti-burn cover, interchangeable plates with quick-change system, GY-08 digital controller and pull-out wheeled tray, it's designed for workshops with continuous shifts and high cadence.

Applications

Professional industrial sublimation, DTF, HTV vinyl and transfer on T-shirts, sweatshirts, cushions and flat substrates. Suitable for printers, workshops with continuous production flow and series production.

Main components

- Upper heating plate
- Reinforced lower plate with pad
- Automatic pneumatic system (compressor not included)
- GY-13 touch controller with 3 memory slots
- Cubierta antiquemaduras
- Industrial Beinsen orange frame

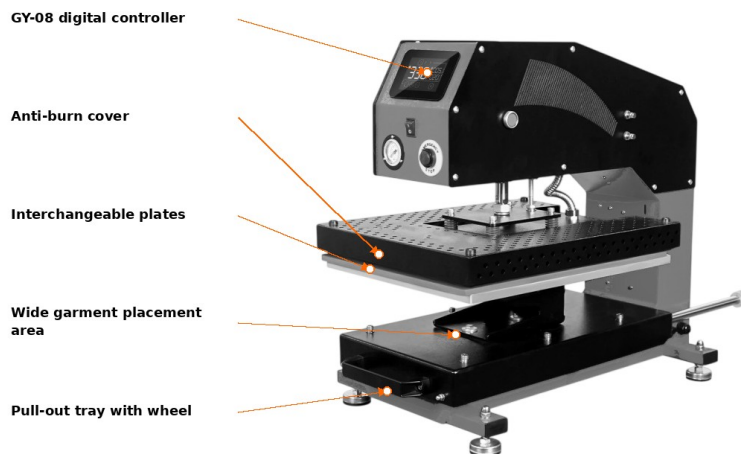


Fig. 1 · Main components of the Beinsen Esparta.

02

Technical Specifications

Model	Esparta
Press Type	Neumática estación única
Compressor	Not included
Opening mode	Automatic
Closing mode	Automatic
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	No
Cubierta antiquemaduras	Yes
Power	1.800 W
Maximum Temperature	225 °C
Voltage	220 V

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 in any operation.

Risk of entrapment (automatic opening and closing)

The equipment performs closing and opening automatically via the pneumatic system. Keep hands out of the upper plate's path during the cycle. Do not put hands in the work area while the equipment is operating.

Pneumatic and electrical installation

The equipment requires an external compressor. Connect the mains to a grounded socket. Check the air pressure before starting operation.

Memory slots and programmed jobs

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

04

Operation Guide

The Esparta pneumatic press requires connection to an external compressor (not included). The GY-13 touch controller manages temperature, time and pressure with 3 programmable memory slots for different jobs.

Start-up

- 01 Connect the external compressor and verify the pneumatic line pressure.
- 02 Connect the equipment to the mains.
- 03 Turn on the main switch.
- 04 The GY-13 touch screen will show the current temperature reading.

Configuration

- 01 Touch the screen to enter the configuration menu.
- 02 Adjust the target temperature with the (+) and (-) icons.
- 03 Configure the press time.
- 04 Adjust the pressure level from the screen.
- 05 Save the configuration to one of the 3 memory slots if desired.
- 06 Wait until the upper plate reaches the target temperature.

Automatic press cycle

- 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 Activate the cycle. The equipment will close automatically and hold pressure for the programmed time.
- 05 When the time ends, the equipment will open automatically.
- 06 Remove the substrate and peel off the transfer paper as instructed by the manufacturer.

05

Maintenance and Troubleshooting

Preventive maintenance

- Before each shift, check the pneumatic line pressure and the cleanliness of the plate.
- Clean the plate while warm with a thermal glove using a microfibre cloth. Never use water or abrasive products.
- Drain condensation from the compressor and pneumatic filters periodically.
- Monthly inspect the integrity of hoses, fittings and pneumatic connections.
- Clean the touch screen with a soft antistatic cloth.
- Annually check the temperature calibration with a contact thermometer.
- 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 equipment does not start the cycle	Lack of pneumatic pressure or activated safety system	Check the compressor pressure and make sure there are no obstacles. If it persists, contact Technical Service.
Pressure loss during the cycle	Pneumatic leak or saturated filter	Inspect hoses and fittings. Replace the filter if saturated.
The temperature does not remain stable	Damaged sensor	Turn off and contact Beinsen Technical Service.
The touch screen does not respond	Software lockup or accidental impact	Turn off for 30 seconds and restart. If it persists, contact Technical Service.
Slow opening or closing	Insufficient lubrication or miscalibrated regulator	Request inspection of the pneumatic system from Technical Service.

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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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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