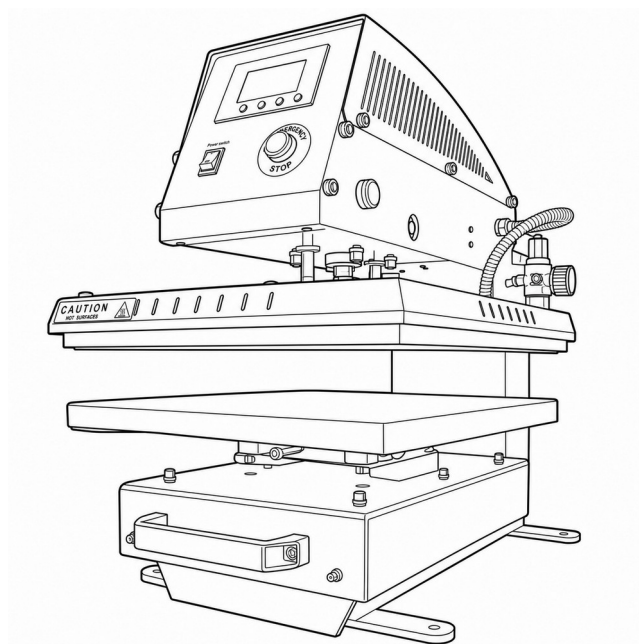


B E I N S E N

Luanda

Prensa neumática automática 40 × 50 cm



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 Luanda is an automatic heat press with 40 × 50 cm plate, GY-06 digital controller, pneumatic gas system, heat diffuser, emergency stop and ON/OFF buttons. Pull-out tray and industrial design for continuous production.

Applications

Industrial sublimation, DTF, HTV vinyl and transfer on T-shirts, sweatshirts, cushions and flat substrates. Suitable for workshops requiring continuous production with active safety.

Main components

- Upper heating plate 40 × 50 cm
- Reinforced lower plate with pad
- Automatic pneumatic system (compressor not included)
- GY-06 digital controller
- Industrial Beinsen orange frame



Fig. 1 · Main components of the Beinsen Luanda.

02

Technical Specifications

Model	Luanda
Press Type	Neumática
Compressor	Not included
Opening Mode	Automatic
Closing Mode	Automatic
Opening Angle	25°
Heating Element Type	Fija
Heating Element Size	40 × 50 cm
Max Printable Thickness	68 mm
Display model	GY-06
Touch screen	No
Timer range	0 – 999 seg.
Maximum Temperature	225 °C
Voltage	110 V / 220 V
Amperage	22 A
Power	2.500 W
Weight	62,75 kg
Dimensions	77 × 53 × 75 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. Always use thermal gloves when operating the equipment and keep the work area free of children, pets and flammable materials.

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 sized for 22 A. Verify the configured voltage (110 V or 220 V) before connecting.

Stability

Work on a firm, level, sturdy surface. Leave free space around the equipment for proper heat dissipation.

04

Operation Guide

The Luanda is an automatic pneumatic press requiring connection to an external compressor (not included). The GY-06 digital controller manages press temperature and time.

Start-up

- 01 Connect the external compressor and verify the pneumatic line pressure.
- 02 Connect the equipment to the mains.
- 03 Verify the configured voltage (110 V or 220 V) before turning on the main switch.
- 04 The GY-06 controller display will show the current temperature reading.

Configuration

- 01 Press SET to enter the configuration menu.
- 02 Adjust the target temperature with the (+) and (-) buttons.
- 03 Press SET again to move to time setting and configure it the same way.
- 04 Press SET to confirm and exit the menu.
- 05 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 press 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 (hot peel or cold peel).

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.
- 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.
Slow opening or closing	Insufficient lubrication or miscalibrated regulator	Request inspection of the pneumatic system from Technical Service.
Slower heating than usual	Insufficient voltage for the model's power	Check the supply voltage and the equipment configuration (110 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

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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