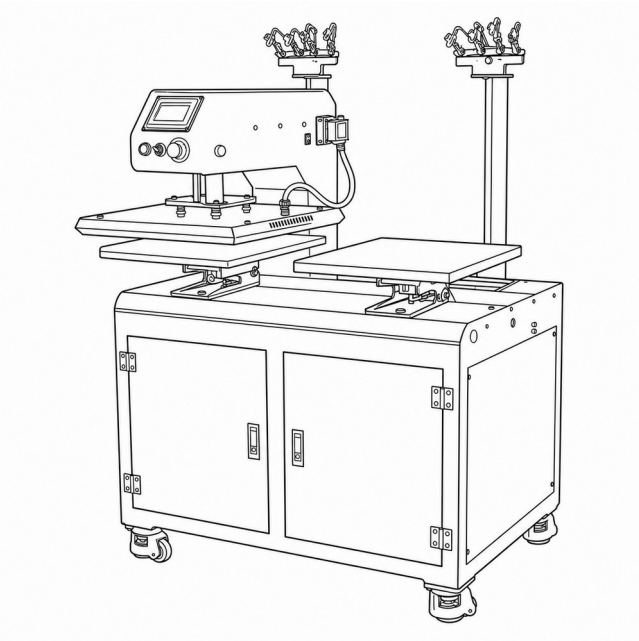
B E I N S E N

Miranda

Estación de trabajo premium con sensor detector de manos



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.

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Introduction and Equipment Description

The Beinsen Miranda is an automatic-electric heat press with positioning laser, GY-13 touch controller, displacement button, interchangeable plates with quick change, large workspace and manual/semi-automatic mode. Designed for professional shops looking for versatility and productivity.

Applications

Professional sublimation, DTF, HTV vinyl and transfer on flat substrates and bulky garments. Suitable for shops needing versatility (manual and semi-automatic mode) and high productivity.

Main components

- Upper heating plate 40 × 50 cm
- Dual lower plates 40 × 50 cm
- Table with 4 universal wheels (included)
- 2 positioning lasers (one per plate)
- Integrated hand-detection sensor
- GY-13 touch screen with 3 memory slots
- Safety lock
- Reinforced industrial Beinsen orange frame

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

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Technical Specifications

Model	Miranda
Press Type	Eléctrica · estación de trabajo
Operating Mode	Automático, semiautomático, manual
Display Model	GY-13
Touch screen	Yes
Memories	3
Timer Range	0 – 999 seg.
Number of Plates	2
Size of each plate	40 × 50 cm
Interchangeable Plates	Sí (sistema cambio rápido)
Support	Table with 4 universal wheels (included)
Positioning Laser	2 (one next to each plate)
Hand-detection sensor	Yes (integrated)
Safety lock	Yes
Power	1.800 W
Maximum Temperature	225 ºC
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.

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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.

Hand-detection sensor

The equipment has an integrated hand-detection sensor that stops the cycle if it detects presence in the pressing area. This system is mandatory and must never be disabled, tampered with or bypassed under any circumstances.

Risk of burns

The upper plate reaches 225 °C. Always use thermal gloves. Although the hand-detection sensor provides protection during the automatic cycle, the hot plates remain a risk in any handling.

Positioning lasers

Do not look directly at the laser emitters. The lasers are low-power and serve only as a visual guide. Turn them off when not in use to extend the emitter's life.

Wheeled table

The included wheeled table makes the equipment easier to move. Always lock the wheels during operation. Do not move the equipment with hot plates or with pieces in production.

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.

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Operation Guide

The Miranda workstation has dual plates, wheeled table, positioning lasers (one per plate) and integrated hand-detection sensor for maximum safety. Automatic, semi-automatic and manual modes with GY-13 touch screen and 3 memory slots.

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 and press time.
05 Select the operating mode: automatic, semi-automatic or manual.
06 Save the configuration to one of the 3 memory slots if desired.
07 Wait until the upper plate reaches the target temperature.

Use of the positioning lasers

01 Activate the lasers from the control panel.
02 The two lasers (one per plate) project a guide to align the substrate precisely.
03 Place the garment or substrate following the laser reference.
04 Once positioned, you can turn off the lasers before starting the cycle.

Pressing cycle with dual plates

01 Place the first substrate on one of the lower plates, aligned with the laser.
02 Apply the transfer paper with the printed side facing the fabric.
03 Cover with Teflon if the consumable requires it.
04 Position the loaded plate under the upper plate and activate the cycle.
05 While this side is pressing, prepare the second substrate on the free plate.
06 The hand-detection sensor will pause the cycle if it detects presence in the pressing area.
07 When the time ends, the equipment will open automatically.
08 Remove the first substrate and place the next loaded plate in pressing position.

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Maintenance and Troubleshooting

Preventive maintenance

- Before each shift, check that the upper plate, the two lower plates and the lasers are clean.
- Clean the plates while warm using a thermal glove and a microfibre cloth. Never use water or abrasive products.
- Weekly check the correct operation of the hand-detection sensor. If you detect any anomaly, stop operation and contact Technical Service.
- Clean the laser emitter windows with a soft antistatic cloth.
- Inspect the table wheels: they must rotate freely and lock firmly.
- Clean the touch screen with a soft antistatic cloth.
- 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 at least once a year.

Troubleshooting

Problem	Probable cause	Solution
The cycle is interrupted without apparent cause	Hand-detection sensor activated by a foreign element in the area	Clear the pressing area. Make sure the sensor is not obstructed.
The lasers do not turn on	Screen activation disabled or faulty emitter	Check activation in the menu. If it persists, contact Beinsen Technical Service.
The touch screen does not respond	Software lockup	Turn off for 30 seconds and restart. If it persists, contact Technical Service.
Difference between the two plates	Worn pad in one of them	Inspect and replace the affected pad.
The wheeled table does not move	Locked brakes	Check that the wheel brakes are released before moving the equipment.

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

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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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