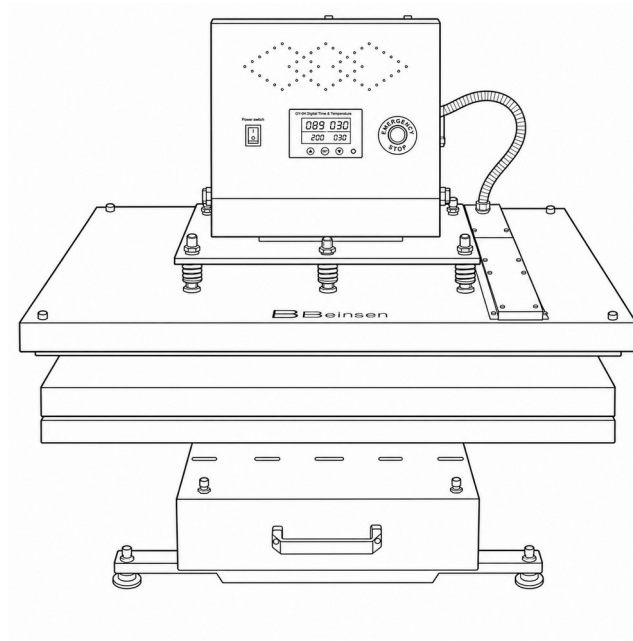


**B E I N S E N**

# Normandía III

Prensa neumática profesional gran formato · 80 × 110 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

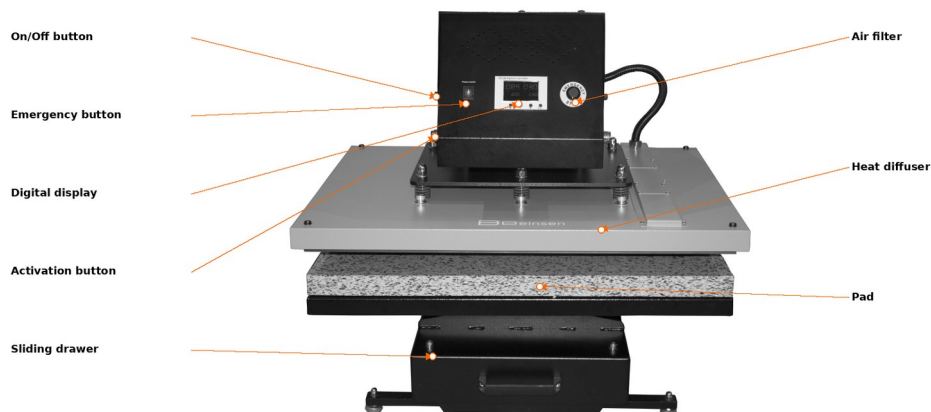
The Beinsen Normandía III is the evolution of Normandía II: same 8-in-1 versatility with improvements in controller and overall design. On/Off button, air filter, emergency button, digital display, activation button, heat diffuser, padding and pull-out drawer.

### Applications

Multi-purpose sublimation: T-shirts, mugs, caps, ceramic plates and other formats with a single machine thanks to its 8-in-1 interchangeable accessories. Improved evolution of Normandía II.

### Main components

- Upper heating plate 80 × 110 cm
- Base inferior desplazable
- Automatic pneumatic system (compressor not included)
- GY-06 digital controller
- Reinforced industrial structure de gran porte



*Fig. 1 · Main components of the Beinsen Normandía III.*

# 02

## Technical Specifications

<b>Model</b>	Normandía III
<b>Press Type</b>	Neumática
<b>Compressor</b>	Not included
<b>Base Type</b>	Desplazable
<b>Opening Mode</b>	Automatic
<b>Closing Mode</b>	Automatic
<b>Display model</b>	GY-06
<b>Touch screen</b>	No
<b>Memory slots</b>	No
<b>Timer range</b>	0 – 999 seg.
<b>Heating element type</b>	Fija
<b>Plate size</b>	80 × 110 cm
<b>Maximum Printable Thickness</b>	65 mm
<b>Power</b>	5.100 W
<b>Maximum temperature</b>	225 °C
<b>Voltage</b>	220 V
<b>Weight</b>	370 kg
<b>Dimensions</b>	137 × 121 × 120 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 (large format)**

The 80 × 110 cm heating surface reaches 225 °C. The exposure risk is high due to its large size. Use long-sleeved thermal gloves when handling substrates. Keep the area free of children, pets and flammable materials.

### **Sliding base**

The lower base slides out of the pressing area to load the substrate. Check that the base is correctly aligned on its rails before starting the cycle. Lubricate the rails periodically.

### **Risk of entrapment (automatic opening and closing)**

The equipment performs closing and opening automatically. Keep hands and any body part out of the upper plate's path during the cycle.

### **Pneumatic and electrical installation**

The equipment requires an external compressor sized for the pneumatic line. Connect the mains to a grounded socket sized for 5,100 W.

### **Stability and handling**

With a weight of 370 kg, install the equipment on level, sturdy flooring. Handling and installation require mechanical means (pallet jack, forklift) and qualified personnel.

# 04

## Operation Guide

The Normandia III is a large-format (80 × 110 cm) pneumatic press with sliding lower base. Requires 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 with a power supply sized for 5,100 W.
- 03 Turn 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. Due to its large size, preheating time is noticeably longer than in small formats.

### Using the sliding base

- 01 Slide the lower base out of the pressing area to load the substrate comfortably.
- 02 Place the XL substrate on the base, perfectly stretched and centred.
- 03 Apply the transfer paper and cover with Teflon if the consumable requires it.
- 04 Return the base to its pressing position.

### Automatic press cycle

- 01 Activate the cycle from the panel.
- 02 The equipment will close automatically and hold pressure for the programmed time.
- 03 When the time ends, the equipment will open automatically.
- 04 Slide the base outwards to remove the substrate comfortably and safely.

# 05

## Maintenance and Troubleshooting

### Preventive maintenance

- Before each shift, check the pneumatic line pressure and the cleanliness of the heating element.
- Clean the heating element 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.
- Lubricate the sliding-base rails with high-temperature grease when you notice movement resistance.
- 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
<b>The equipment does not start the cycle</b>	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.
<b>Pressure loss during the cycle</b>	Pneumatic leak or saturated filter	Inspect hoses and fittings. Replace the filter if saturated.
<b>The temperature does not remain stable</b>	Damaged sensor or partially faulty heating element	Turn off and contact Beinsen Technical Service.
<b>The sliding base gets stuck</b>	Dry rails or accumulated debris	Clean with a dry cloth and lubricate with high-temperature grease.
<b>Slow or irregular opening or closing</b>	Insufficient lubrication or miscalibrated regulator	Request inspection of the pneumatic system from Technical Service.
<b>Slower heating than usual</b>	Insufficient voltage for 5,100 W	Check that the power supply line supports the equipment power.

*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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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.

### Contact

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