

**B E I N S E N**

# Caen

Estación de trabajo doble neumática

**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

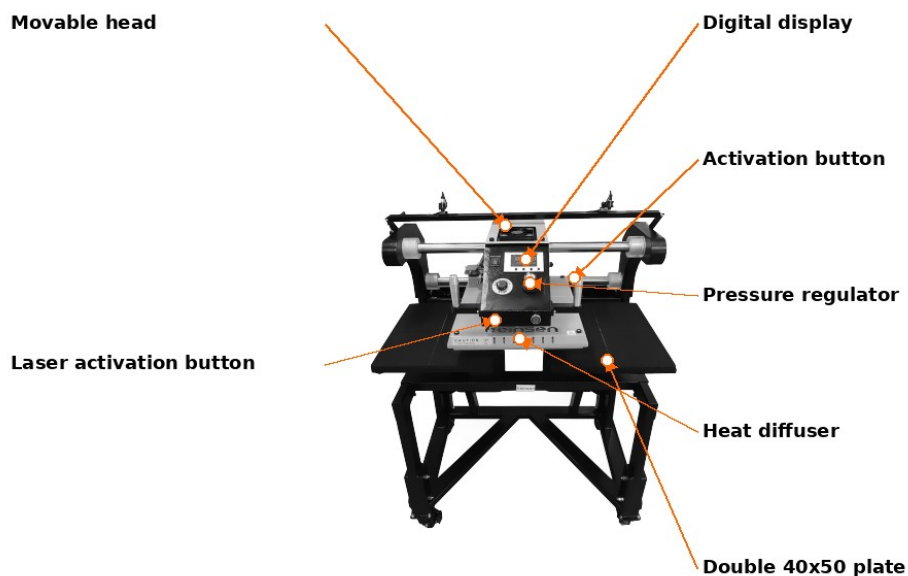
The Beinsen Caen is a dual-station pneumatic workstation designed for continuous industrial production. While one station holds the pressing cycle, the other is available to prepare the next substrate, maximising productivity. Automatic opening and closing via pneumatic system, GY-06 digital controller and robust industrial structure.

### Applications

Industrial sublimation, DTF, HTV vinyl and transfer at high cadence. Suitable for factories, industrial printers and workshops with continuous production flow.

### Main components

- Two independent press stations
- Automatic pneumatic system (compressor not included)
- Upper heating plate per station
- Reinforced lower plate per station
- GY-06 digital controller
- Reinforced industrial structure



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

# 02

## Technical Specifications

<b>Model</b>	Caen
<b>Press Type</b>	Estación de trabajo doble neumática
<b>Compressor</b>	Not included
<b>Opening mode</b>	Automatic
<b>Closing mode</b>	Automatic
<b>Display Model</b>	GY-06
<b>Touch screen</b>	No
<b>Memories</b>	No
<b>Timer Range</b>	0 – 999 seg.
<b>Número de estaciones</b>	2
<b>Maximum printable thickness</b>	50 mm
<b>Power</b>	1.800 W
<b>Maximum Temperature</b>	225 °C
<b>Voltage</b>	220 V
<b>Net Weight</b>	295 kg
<b>Gross Weight</b>	395 kg
<b>Package Size</b>	115 × 112 × 160 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 (two stations)**

Two heating plates working simultaneously double the risk of heat exposure. Thermal gloves mandatory. Keep the area free of children, pets and flammable materials.

### **Risk of entrapment**

Both stations perform closing and opening automatically. Keep hands out of the plates' path during the cycle. Do not put hands in either station while the equipment is operating.

### **Pneumatic and electrical installation**

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

### **Stability and handling**

With a net weight of 295 kg, install the equipment on level, sturdy flooring. Installation requires mechanical means (pallet jack, forklift) and qualified personnel.

# 04

## Operation Guide

The Caen workstation runs on a pneumatic system. Requires connection to an external compressor (not included). The GY-06 digital controller manages the press temperature and time for both stations.

### 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-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 both heating elements reach the target temperature.

### Press cycle per station

- 01 Place the garment or substrate on the lower plate of the first station, perfectly aligned.
- 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 for that station. The equipment will close automatically and hold pressure for the programmed time.
- 05 While the first station is pressing, prepare the second with the next substrate for continuous production.
- 06 When the time ends, the equipment will open automatically. Remove the substrate and the transfer paper.

# 05

## Maintenance and Troubleshooting

### Preventive maintenance

- Before each shift, check the pneumatic line pressure and the cleanliness of both plates.
- Clean the plates while warm using a thermal glove and 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 on both stations.
- 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>One station does not start the cycle</b>	Lack of pneumatic pressure or activated safety sensor	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>Temperature difference between stations</b>	Damaged sensor in one station	Turn off and contact Beinsen Technical Service.
<b>Slow opening or closing in one station</b>	Insufficient lubrication or miscalibrated regulator	Request inspection of the pneumatic system from Technical Service.
<b>The display does not turn on</b>	Loose power cable	Check the connection and the socket. If it persists, contact Technical Service.

*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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