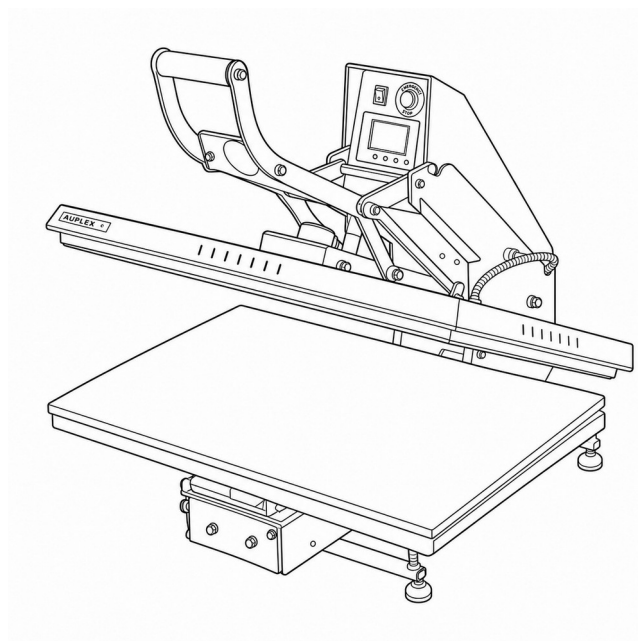


**B E I N S E N**

# Doha

Plancha transfer gran formato



**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 Doha is a large-format transfer press, available in two formats: 40 × 50 cm and 50 × 80 cm. Designed for large textile substrates that don't fit in standard presses: outdoor flags, blankets, banners, large-format printing on apparel. Sliding lower tray, electromagnetic opening and GY-06 digital controller.

### Applications

Sublimation, HTV vinyl, DTF and transfer on large textile substrates: flags, blankets, banners, oversized garments, advertising textile panels. Two formats (40 × 50 cm and 50 × 80 cm) for different production volumes.

### Main components

- Upper heating plate de gran formato
- Reinforced lower plate with pad
- Brazo de palanca con resorte de gas asistido
- GY-04 digital controller
- Pressure regulator via upper hand wheel
- Industrial Beinsen orange frame reforzada



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

# 02

## Technical Specifications

	Sandwich
	Manual con resorte de gas
	GY-04
	No
	No
	0 – 999 seg.
	1
	50 × 80 cm
	No
	Yes
	8 mm
	2,4 – 3,6 kW
	225 °C
	120 V / 220 V
	110 kg
	163 kg
	105 × 97 × 95 cm
	No

*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 heating surface reaches 225 °C and is large. Long-sleeved thermal gloves mandatory when placing the substrate. Keep the area free of children, pets and flammable materials.

### **Gas spring**

The upper plate rises assisted by a gas spring. Do not block or force its travel. If you notice abrupt opening or the plate dropping, stop operation and contact Beinsen Technical Service: the spring needs periodic replacement.

### **Electrical risk**

Connect the equipment only to a grounded socket sized for the model's power (see specifications table). Verify the configured voltage (120 V or 220 V) before connecting.

### **Stability and handling**

With a gross weight of up to 163 kg in the 50 × 80 format, install the equipment on level, sturdy flooring. Handling the large model requires mechanical means.

# 04

## Operation Guide

The GY-04 digital controller lets you configure the press temperature and time for large-format production. The gas spring system facilitates smooth opening of the upper plate.

### Power-on and configuration

- 01 Connect the equipment to the mains and turn on the main switch.
- 02 The GY-04 controller display will light up showing the temperature reading.
- 03 Press SET to enter the configuration menu.
- 04 Adjust the target temperature with the (+) and (-) buttons.
- 05 Press SET again to move to time setting and configure it the same way.
- 06 Press SET to confirm and exit the menu.
- 07 Wait until the upper plate reaches the target temperature.

### Large-format pressing process

- 01 Place the large-format substrate on the lower plate, well stretched and centred.
- 02 Apply the transfer paper with the printed side facing the fabric.
- 03 Cover with a Teflon sheet to protect the substrate and the plate.
- 04 Close the equipment by lowering the lever arm to its stop.
- 05 The timer will start when closing is detected.
- 06 When the alarm sounds, release the lever to open. The gas spring will assist the opening.
- 07 Remove the substrate and peel off the transfer paper as instructed by the manufacturer.

# 05

## Maintenance and Troubleshooting

### Preventive maintenance

- Before each shift, check that the plates are clean and free of debris.
- Clean the plates while warm using a thermal glove and a microfibre cloth. Never use water or abrasive products.
- Monthly inspect the gas spring: opening must be smooth and the plate must hold its raised position.
- Periodically inspect the pressure regulator and the integrity of the lever arm.
- Check the temperature reading with an independent 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. The gas spring is a wear part and requires periodic replacement.

### Troubleshooting

Problem	Probable cause	Solution
<b>The display does not turn on</b>	Loose power cable or no voltage	Check the connection and the configured voltage. If it persists, contact Beinsen Technical Service.
<b>The upper plate does not stay raised</b>	Worn-out gas spring	Stop operation and contact Beinsen Technical Service for spring replacement.
<b>The plate does not reach the target temperature</b>	Damaged sensor	Turn off and contact Beinsen Technical Service.
<b>Marks or uneven transfer</b>	Insufficient pressure or missing Teflon	Adjust the pressure regulator and use intermediate Teflon.
<b>Slower heating than usual</b>	Insufficient voltage for the model's power	Check that the supply line supports the power (see specifications table).

*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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