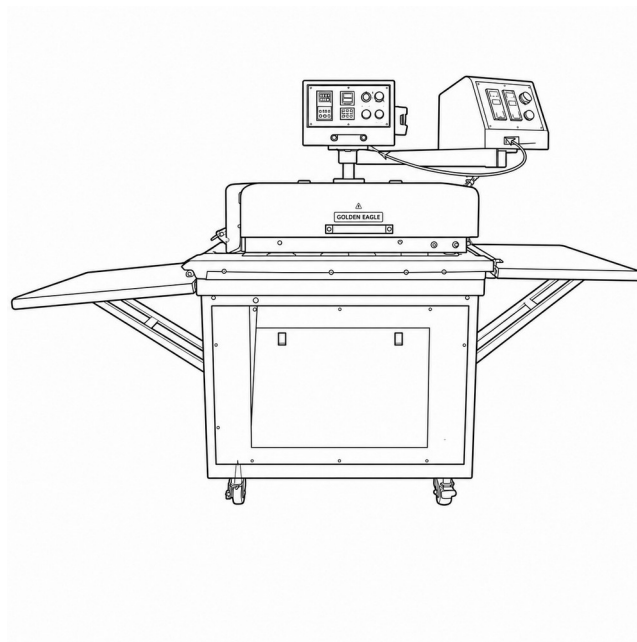


B E I N S E N

Tobago

Continuous-press calender



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 Tobago is a continuous-press calender designed for production of substrates in rolls or long pieces (flags, banners, textile panels, cloths). Unlike sandwich presses, the Tobago performs pressing continuously by means of a motorised roller, allowing linear metres of material to be processed without interruptions. Equipped with REX-C400 controller and longitudinal positioning laser.

Applications

Continuous industrial production of sublimation and transfer on textile substrates in rolls or long pieces: flags, banners, textile advertising panels, cloths and large runs processed at constant speed.

Main components

- Main heating roller
- Motorised feed system
- Input tray
- Output tray
- REX-C400 controller
- Longitudinal positioning laser
- Reinforced industrial Beinsen orange frame



Fig. 1 · Main components of the Beinsen Tobago.

02

Technical Specifications

Model	Tobago
Press Type	Calender
Operating Mode	Automatic
Display Model	REX-C400
Touch screen	No
Power	7.000 W
Maximum Temperature	200 °C
Voltage	220 V
Positioning Laser	Yes
Net Weight	249 kg
Gross Weight	407 kg
Machine Size	236 × 110 × 140 cm
Package Size	183 × 119 × 163 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 (continuous roller)

The roller reaches 200 °C and stays hot throughout the production day. Long-sleeved thermal gloves mandatory when manually feeding material or handling the equipment.

Risk of entrapment

The motorised roller can drag in fabrics, hair, loose clothing or loose accessories. Keep hair tied back, do not wear loose clothing, rings, bracelets or hanging jewellery during operation. Keep hands away from the feed area while the equipment is running.

Emergency stop

Locate the equipment's emergency-stop button before starting operation. In case of any entrapment or anomaly, stop the equipment immediately.

Positioning laser

Do not look directly at the laser emitter. The laser is low-power and serves only as a longitudinal visual guide.

Electrical installation

The equipment requires a power supply sized for 7,000 W. Connect only to a grounded socket. Installation must be performed by qualified personnel.

Stability and handling

With a net weight of 249 kg, install the equipment on level, sturdy flooring. Handling and installation require mechanical means.

04

Operation Guide

The Tobago is a continuous-press calender for production of substrates in rolls or long pieces. The REX-C400 controller manages temperature and the positioning laser facilitates substrate alignment.

Start-up

- 01 Connect the equipment to the mains with a power supply sized for 7,000 W.
- 02 Turn on the main switch.
- 03 The REX-C400 controller display will show the current temperature reading.

Temperature configuration

- 01 Press SET to enter the REX-C400 menu.
- 02 Adjust the target temperature with the (+) and (-) buttons.
- 03 Press SET to confirm.
- 04 Wait until the roller reaches the target temperature. Due to its large size, preheating time is noticeably longer than in a sandwich press.

Use of the positioning laser

- 01 Activate the laser from the panel.
- 02 The laser projects a longitudinal guide to align the substrate with the roller.
- 03 Place the substrate following the reference.

Continuous-press cycle

- 01 Feed the substrate through the input area with the transfer paper already applied.
- 02 The motorised roller feeds the material at constant speed.
- 03 The material passes through the hot area performing the transfer.
- 04 Collect the material from the output area.
- 05 Peel off the transfer paper as instructed by the consumable manufacturer.

05

Maintenance and Troubleshooting

Preventive maintenance

- Before each shift, check that the roller and trays are clean.
- Clean the roller while warm using a thermal glove and a microfibre cloth. Never use water or abrasive products.
- Weekly check the operation of the motorised feed system.
- Clean the laser emitter window with a soft antistatic cloth.
- Periodically inspect the electrical connection and the integrity of the power cable.
- 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 roller does not rotate	Blocked feed system or faulty motor	Turn off the equipment. Check there is no trapped material. If it persists, contact Beinsen Technical Service.
The temperature does not remain stable	Damaged sensor	Turn off and contact Beinsen Technical Service.
The laser does not turn on	Panel activation disabled or faulty emitter	Check the activation. If it persists, contact Technical Service.
Uneven transfer along the roll	Inappropriate feed speed or uneven pressure	Adjust the speed and check the roller pressure. If it persists, contact Technical Service.
Slower heating than usual	Insufficient voltage for 7,000 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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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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