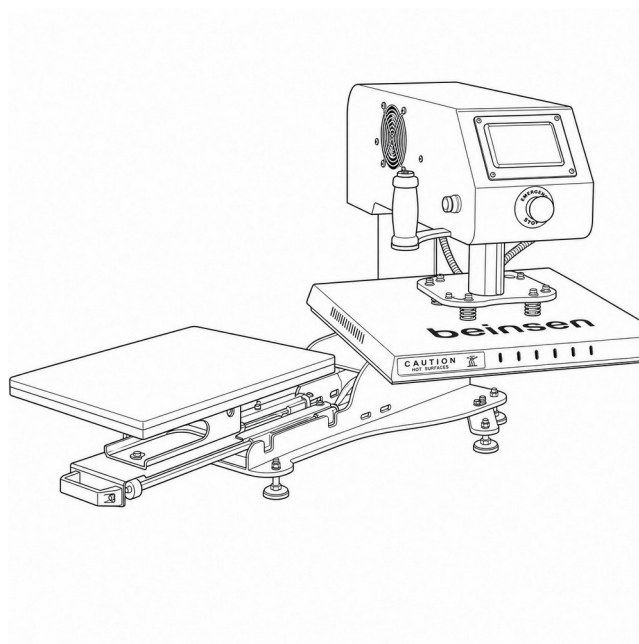


B E I N S E N

Felina

Professional electric swing-away press



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 Felina is a professional electric swing-away heat press with GY-13 touch screen. Its 180° swing-away opening system maximises workspace and makes loading and unloading easier, while its advanced safety systems protect the operator throughout the working day. Available in 40 × 50 cm and 40 × 60 cm formats.

Applications

Professional sublimation, DTF, HTV vinyl and transfer on T-shirts, sweatshirts, cushions, tote bags and bulky substrates up to 35 mm thick. The swing-away opening is especially useful for complex substrates or those requiring careful handling.

Main components

- Swing-away rotating 180° upper heating plate
- Reinforced lower plate with pad
- GY-13 touch screen with 3 memory slots
- Pressure adjustment system 0-8
- Industrial Beinsen orange frame



Fig. 1 · Main components of the Beinsen Felina.

02

Technical Specifications

	Felina
	Electric swing-away
	40 × 60 cm
	180° swing-away rotating
	GY-13
	Yes
	3
	0 – 8
	0 – 999 seg.
	225 °C
	35 mm
	120 V / 220 V
	1,8 kW (120 V) / 2 kW (220 V)
	99 kg
	136,5 kg
	95 × 58 × 82 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

The upper plate reaches 225 °C. Although the swing-away opening moves the hot plate away from the work area, thermal gloves remain mandatory. Never touch the upper plate even several minutes after turning off the equipment.

Swing-away opening

When swinging the upper plate to one side, make sure the swing path is free of obstacles, people and objects. The hot plate must be stably locked in the swung position before loading the substrate.

Programmed memory slots

The 3 memory slots let you save recurring configurations (temperature, time and pressure). Before starting a job loaded from memory, check that the parameters match the consumable and substrate you will use.

Electrical risk

Connect the equipment only to a grounded socket. Verify the configured voltage (120 V or 220 V) before connecting.

Stability

With a net weight of 95-99 kg, install the equipment on a firm, level and sturdy surface. Handling requires qualified personnel and, if necessary, mechanical means.

04

Operation Guide

The GY-13 touch screen lets you configure temperature, time and pressure (0-8 scale) with 3 programmable memory slots. The swing-away system rotates the upper plate 180° to fully free the work area.

Power-on and configuration

- 01 Connect the equipment to the mains.
- 02 Verify the configured voltage (120 V or 220 V) before first start-up.
- 03 Turn on the main switch.
- 04 The GY-13 touch screen will light up showing the temperature reading.
- 05 Touch the screen to enter the configuration menu.
- 06 Adjust the target temperature with the (+) and (-) icons.
- 07 Configure the press time and pressure (0-8 scale) the same way.
- 08 Save the configuration to one of the 3 memory slots if desired.
- 09 Wait until the upper plate reaches the target temperature.

Swing-away opening

- 01 When the equipment is open, swing the upper plate to one side (180° swing-away opening).
- 02 The work area becomes completely free, with no hot plate overhead.
- 03 This opening makes loading and unloading bulky or complex substrates easier.

Pressing process

- 01 With the plate swung to one side, place the garment or substrate on the lower plate, well stretched.
- 02 Apply the transfer paper with the printed side facing the fabric.
- 03 Cover with Teflon if the consumable requires it.
- 04 Swing the upper plate back to its position over the lower plate.
- 05 Activate the cycle. The equipment will automatically manage the configured pressure.
- 06 When the time ends, the equipment will open automatically.
- 07 Swing the upper plate to one side and remove the substrate with thermal gloves.

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.
- Check the operation of the swing-away system: the rotation must be smooth and the lock in the rotated position firm.
- Lubricate the swing-away shaft with high-temperature grease when you notice resistance to rotation.
- Clean the touch screen with a soft antistatic cloth.
- 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 touch screen does not respond	Software lockup	Turn off for 30 seconds and restart. If it persists, contact Beinsen Technical Service.
The plate does not rotate or rotates with difficulty	Dry shaft or worn mechanism	Lubricate the shaft. If it persists, contact Technical Service.
The plate does not stay locked in the rotated position	Damaged locking mechanism	Stop operation and contact Technical Service: risk of accidental movement with hot plate.
The temperature does not remain stable	Damaged sensor	Turn off and contact Beinsen Technical Service.
Pressure loss during the cycle	Miscalibrated regulator	Readjust the pressure from the screen. If it persists, contact Technical Service.
Slower heating than usual	Insufficient voltage for the configured power	Check the power supply line and the configured voltage (120 V or 220 V).

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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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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