

# KÖNIGIN Pro Mini Line User's Manual

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## Introduction

Welcome to the KÖNIGIN Pro Mini Line, a compact and efficient solution designed for beekeepers who manage significant honey production but also engage in other professional activities. This mini extraction kit handles uncapping, wax-honey separation, honey filtering, honey pumping, and honey extraction. Ideal for those who wish to work efficiently with their bees while minimizing the time taken from family and other duties.

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## Key Features

- **Uncapping with Heated Knives:** Heated knives enables fast and precise uncapping.
  - **Wax-Honey Separation:** Achieved with a screw press that operates at a capacity of 50 kg/h.
  - **Honey Filtering:** Heated, double-walled filter tank with a settler and filter grate ensures efficient filtration.
  - **Honey Pumping:** It enables the efficient transfer of honey for storage or further processing.
  - **Compact Design:** Space-saving, suitable for a small extraction spaces.
  - **Durable Construction:** Made from 100% food-grade stainless steel, ensuring longevity and easy maintenance.
  - **Universal Compatibility:** Can be used with various types of extractors, whether radial or self-reversing.
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## Components

1. **Screw Press**
    - Drip Tray
    - Removable Wax Tray
  2. **Heated Knife Uncapper Machine**
    - Shark-tooth knives with distance adjustment.
    - Frame Storage Section
    - Manual Uncapping Stand
  3. **Filter Tank**
    - Heated, double-walled design
    - Settler
    - Filter Grate
  4. **Pump**
  5. **Extractors** (not included)
    - Compatibility with radial and self-reversing extractors
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## Setup Instructions

1. **Positioning**
    - Place the screw press on a stable surface in your extraction zone.
    - Ensure there is adequate space for the filter tank and uncapper machine to operate safe efficiently.
  2. **Connecting Components**
    - Attach the drip tray and the removable wax tray to the screw press.
    - Connect the pump directly to the mini filter tank.
    - Position the uncapper machine over the screw press.
  3. **Power Supply**
    - Ensure that all component is connected to an electrical network with the appropriate current strength. We recommend that the electrical network be equipped with RCD
  4. **Frame Adjustments**
    - Adjust the uncapper machine settings to match your frame size.
    - Use the fine-tuning adjustments to ensure smooth operation and prevent frame damage.
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## Operating Instructions

1. **Uncapping**
    - Turn on the heated knife uncapper machine.
    - Feed frames into the machine for uncapping. Adjust the knife distance to match the thickness of the frames to be uncapped .
  2. **Wax-Honey Separation**
    - Start the screw press to begin the separation process.
    - Monitor the removable wax tray and empty it as necessary.
  3. **Honey Filtering**
    - Ensure the filter tank is heated and operational.
    - Honey flows into the heated filter tank, where it is filtered through the settler and grate.
  4. **Honey Pumping**
    - Activate the pump, whenever the sump is full with honey or you finished uncapping
    - Ensure the honey is being pumped efficiently to the storage containers.
  5. **Maintenance**
    - Regularly check and clean all components to ensure optimal performance.
    - Disassemble parts as needed for thorough cleaning and reassemble before the next use.
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## Safety Precautions

- **Electrical Safety:** Ensure all electrical connections are secure and that the power supply is stable.
- **Heat Safety:** Be cautious of heated components to avoid burns. Use protective gloves if necessary.

- **Mechanical Safety:** Keep hands and loose clothing away from moving parts during operation.
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### **Troubleshooting**

- **Uncapper Machine Issues:** Verify the knife settings and adjust if frames are not uncapping smoothly.
  - **Filter Tank Blockages:** Clean the settler and grate to ensure honey flows freely.
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### **Warranty and Support**

The KÖNIGIN Mini Line comes with a 4-year STANDARD warranty. For any issues beyond basic troubleshooting, please contact our customer support team.

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### **Contact Information**

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Thank you for choosing the KÖNIGIN Mini Line. We wish you efficient and productive beekeeping!