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Molly Lac M13

Molly Nails M13 68W Manicure and Pedicure Milling Machine

User Instruction Manual

1. INTRODUCTION

Thank you for choosing the Molly Nails M13 68W Manicure and Pedicure Milling Machine. This professional-grade device is designed for precise and efficient nail care, suitable for both salon and demanding home use. With its powerful motor and versatile features, it provides excellent performance for various manicure and pedicure procedures.

2. SAFETY INSTRUCTIONS

Please read all safety warnings and instructions carefully before using this product to prevent injury or damage.

- Always disconnect the power cord before cleaning or performing maintenance.
- Do not use the device near water or in damp environments.
- Keep the device out of reach of children.
- Do not touch the rotating bit during operation.
- Ensure the power supply matches the device's specifications (AC 220V).
- If the device is damaged, do not operate it. Contact customer support.
- Use only original or recommended accessories and bits.
- Avoid dropping the handpiece, as it may damage the internal mechanism.
- Do not disassemble or attempt to repair the device yourself.

3. PRODUCT OVERVIEW

The Molly Nails M13 consists of a main control unit and a high-speed handpiece, designed for ergonomic and efficient use.



Figure 3.1: The Molly Nails M13 milling machine, showing the main unit, handpiece, and handpiece stand.

Main Control Unit Features:



Figure 3.2: Top view of the main control unit, highlighting the control buttons and speed adjustment knob.

- **ON/OFF Button:** Powers the device on or off.
- **HAND/FOOT Button:** Switches between manual control (via speed knob) and foot pedal control.
- **R/F Button:** Changes the rotation direction of the bit (Right/Forward or Left/Reverse).
- **Speed Adjustment Knob:** Manually controls the rotation speed from 0 to 35,000 RPM.
- **LCD Screen:** Displays the current rotation speed of the milling bit.
- **Bit Storage Holes:** Conveniently located holes on top for storing frequently used bits.



Figure 3.3: Close-up view of the control panel, showing the LCD display, control buttons, and bit storage holes.

Handpiece Features:



Figure 3.4: Close-up of the handpiece, showing its ergonomic design and bit insertion mechanism.

- Ergonomic design for comfortable grip.
- Twist-lock mechanism for quick and secure bit changes.
- Low vibration and quiet operation.

4. PACKAGE CONTENTS

Please check the box for all the following components:



Figure 4.1: All components included in the Molly Nails M13 kit.

- Milling Machine Base Unit
- Milling Machine Handpiece
- Foot Pedal
- Handpiece Holder
- Rubber Handpiece Stand
- Set of Milling Bits (Cutters)
- Instruction Manual
- Written Warranty

5. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the main control unit on a stable, flat, and dry surface.
3. **Connect Handpiece:** Insert the handpiece cable connector firmly into the designated port on the front of the main unit.
4. **Connect Foot Pedal (Optional):** If you plan to use the foot pedal, connect its cable to the foot pedal port on the back of the main unit.
5. **Power Connection:** Plug the power cord into the power input on the back of the main unit, then plug the other end into a standard AC 220V electrical outlet.
6. **Handpiece Stand:** Place the rubber handpiece stand on your workspace for convenient storage of the handpiece during use.

6. OPERATING INSTRUCTIONS

6.1. Inserting and Removing Bits



Figure 6.1: A selection of milling bits included with the device, demonstrating their variety for different tasks.

1. Ensure the handpiece is turned off and the bit is not rotating.
2. Twist the handpiece collar counter-clockwise until you hear a click or feel it loosen. This unlocks the chuck.
3. Insert the desired bit fully into the chuck.
4. Twist the handpiece collar clockwise until it clicks or feels secure. This locks the bit in place.
5. To remove a bit, reverse the process.

6.2. Powering On/Off

1. Press the **ON/OFF** button on the main unit to turn the device on. The LCD screen will illuminate.
2. Press the **ON/OFF** button again to turn the device off.

6.3. Adjusting Rotation Speed

1. Rotate the **Speed Adjustment Knob** clockwise to increase the rotation speed.
2. Rotate the **Speed Adjustment Knob** counter-clockwise to decrease the rotation speed.
3. The current speed (in thousands of RPM) will be displayed on the LCD screen.

6.4. Changing Rotation Direction (R/F)

1. Press the **R/F** button to switch the rotation direction between forward (clockwise) and reverse (counter-clockwise).
2. It is recommended to stop the handpiece rotation before changing direction to prevent damage.

6.5. Hand Mode vs. Foot Pedal Mode

1. Press the **HAND/FOOT** button to toggle between these two modes.
2. In **HAND** mode, the speed is controlled by the Speed Adjustment Knob.
3. In **FOOT** mode, the speed is controlled by pressing the foot pedal. The speed knob will set the maximum speed achievable with the foot pedal.

7. MAINTENANCE

- **Cleaning:** Disconnect the device from power. Wipe the main unit and handpiece with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- **Bit Care:** Clean bits after each use. Sterilize reusable bits according to standard hygiene practices.
- **Storage:** Store the device and its accessories in a clean, dry place away from direct sunlight and extreme temperatures.
- **Handpiece Longevity:** Avoid excessive pressure on the handpiece during operation. Do not drop the handpiece.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; power cord loose.	Check power connection; ensure outlet is functional.
Handpiece not rotating.	Handpiece not connected properly; in FOOT mode without pedal pressed.	Ensure handpiece cable is fully inserted; switch to HAND mode or press foot pedal.
Bit is loose or vibrating excessively.	Bit not inserted correctly; chuck not locked; damaged bit.	Re-insert bit and ensure chuck is locked; replace damaged bit.
Unusual noise or overheating.	Internal issue; prolonged heavy use.	Stop operation immediately and disconnect power. Contact customer support.

9. SPECIFICATIONS

- **Model:** M13
- **Input Voltage:** AC 220V
- **Output Voltage:** DC 15.6V
- **Maximum Power:** 68W
- **Rotation Speed:** 0 - 35,000 RPM
- **Dimensions (Main Unit):** Approx. 13.5 cm (Length) x 11 cm (Width) x 9 cm (Height)
- **Cable Length:** Approx. 136 cm

- **Manufacturer:** MollyLac

10. WARRANTY AND SUPPORT

This product comes with a written warranty. Please refer to the warranty card included in your package for details on coverage and duration. For technical support, troubleshooting assistance, or warranty claims, please contact your retailer or the manufacturer's customer service department using the contact information provided in the warranty documentation.

Please retain your proof of purchase for warranty purposes.

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