

[Manuals.plus](#) /

› [CHOKMAX](#) /

› CHOKMAX Cordless Rotary Tool Kit HJ202 User Manual

## CHOKMAX HJ202

# CHOKMAX Cordless Rotary Tool Kit HJ202 User Manual

Model: HJ202

## 1. INTRODUCTION

Thank you for choosing the CHOKMAX Cordless Rotary Tool Kit. This 3.7V mini grinder is designed for various light-duty tasks such as polishing, cleaning, engraving, carving, sanding, and cutting. Its compact, cordless design with variable speed settings and an integrated LED work light provides versatility and ease of use for DIY projects and intricate work. Please read this manual thoroughly before operation to ensure safe and efficient use of your tool.



Image 1.1: CHOKMAX Cordless Rotary Tool Kit and included accessories.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this tool.

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear Eye Protection:** Always wear safety glasses or goggles to protect against flying debris.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during operation.
- **Maintain a Clean Work Area:** Cluttered areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Keep Children Away:** All visitors should be kept at a safe distance from the work area.
- **Dress Properly:** Do not wear loose clothing or jewelry. They can be caught in moving parts. Wear non-slip footwear. Wear hair covering to contain long hair.

- **Do Not Overreach:** Keep proper footing and balance at all times.
- **Disconnect Tools:** Disconnect the tool from the power source before servicing, changing accessories, or when not in use.
- **Use Right Tool:** Do not force small tool or attachment to do the job of a heavy-duty tool.
- **Check for Damaged Parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
- **Battery Safety:** Use only the specified charging method. Do not expose the battery to extreme temperatures or disassemble it.
- **Accessory Compatibility:** Ensure accessories are correctly installed and compatible with the tool's collet size.

### 3. PACKAGE CONTENTS

---

Verify that all items listed below are included in your package:

- CHOKMAX Cordless Rotary Tool (1)
- USB Charging Cable (1)
- Storage Box (1)
- Sanding Drums (1)
- Sharp Diamond Grinding Burrs (3)
- Aluminium Oxide Grinding Burrs (4)
- Bits (4)
- Felt Burrs (1)
- Grinding Wheels (1)
- Sanding Bands (20)
- Felt Polishing Wheels (2)
- Collets (5)



40PCS ACCESSORIES



USB Cable \*1



Package box \*1



Sanding drums \*1



Sharp diamond grinding burs \*3



Aluminium oxide grinding burs \*4



Bits \*4



Felt burs \*1



Grinding wheels \*1



Sanding bands \*20



Felt polishing wheels \*2



Collets \*5

Image 3.1: Overview of the CHOKMAX rotary tool and its 42 accessories.

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your CHOKMAX Cordless Rotary Tool:



Image 4.1: Labeled components of the CHOKMAX Cordless Rotary Tool.

1. **Speed Indicator:** Displays the current speed setting.
2. **LED Work Light Button:** Activates the front LED light.
3. **Power LED:** Indicates power status.
4. **USB Charging Port:** For charging the internal battery.
5. **Spindle Locking Button:** Used to lock the spindle for accessory changes. **Do not press when the device is running.**
6. **Chuck:** Holds accessories with a range of 1.5/2.4/3.0mm.

## 5. GETTING STARTED

### 5.1. Charging the Tool

The CHOKMAX rotary tool is equipped with a 2000mAh rechargeable lithium battery. Before first use, fully charge the tool.

- Connect the provided USB charging cable to the USB Charging Port on the tool.
- Plug the other end of the USB cable into a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
- The Power LED will indicate charging status. A full charge typically takes approximately 2 hours, providing up to 120 minutes of continuous work.

## COMPACT & PORTABLE

Light and small  
0.30 LBs



**USB Charing**  
Quick and Convenient



175mm/6.8inch



*Image 5.1: Convenient USB charging options for the rotary tool.*

### 5.2. Installing Accessories

Proper installation of accessories is crucial for safe and effective operation.

# Multi-Purpose

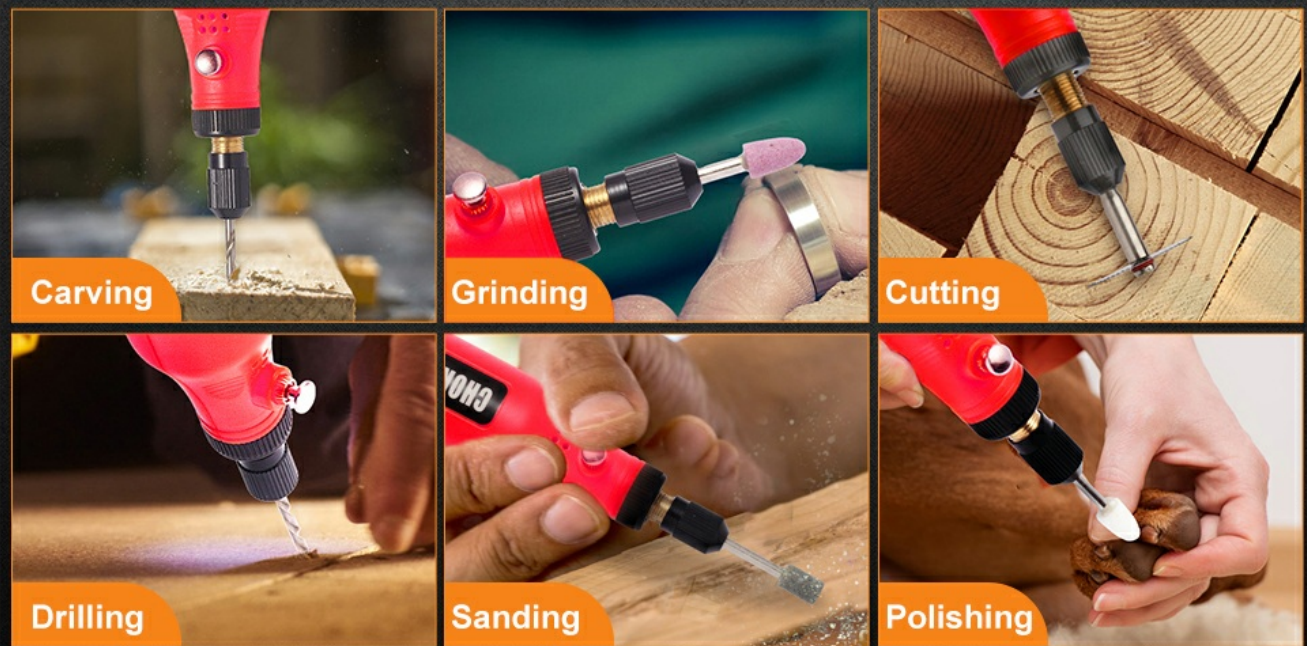


Image 5.2: Step-by-step guide for accessory replacement.

1. **Step 1:** Press down the Spindle Locking Button and unscrew the nut at the chuck.
2. **Step 2:** Select the appropriate collet for your desired accessory. Insert the accessory into the collet.
3. **Step 3:** While holding the Spindle Locking Button, screw the nut back on and tighten it firmly until you hear a lock sound, ensuring the accessory is securely held.
4. **Step 4:** Release the Spindle Locking Button. Gently pull on the accessory to confirm it is securely fastened before operation.

**Note:** Different tool accessories fit different collets. If an accessory comes off easily, ensure you are using the correct collet size and that it is tightened properly.

## 6. OPERATION

### 6.1. Power On/Off

Press the power button to turn the tool on or off. The Power LED will illuminate when the tool is active.

### 6.2. Adjusting Speed

The tool features 5 variable speed settings for optimal control across different tasks:

- Press the '+' button to increase the speed.
- Press the '-' button to decrease the speed.

Available speeds are 3000, 6000, 9000, 12000, and 15000 RPM. Select a lower speed for delicate tasks and higher speeds for more aggressive material removal.

### 6.3. Using the LED Work Light

Press the LED Work Light Button to illuminate your work area. This feature is particularly useful in dimly lit spaces or for detailed work.

## 6.4. Recommended Applications

This versatile rotary tool is suitable for a wide range of applications:



*Image 6.1: Examples of multi-purpose applications for the rotary tool.*

- **Carving:** Use appropriate burrs for intricate designs on wood, plastic, or soft metals.
- **Sanding:** Attach sanding bands or discs for smoothing surfaces, removing rust, or shaping materials.
- **Grinding:** Utilize grinding stones for sharpening, deburring, or shaping harder materials.
- **Polishing:** Use felt wheels with polishing compound to achieve a high-gloss finish on various surfaces.
- **Cutting:** Employ cutting discs for light cutting tasks on plastic, thin wood, or soft metals.
- **Drilling:** Use small drill bits for precision drilling in soft materials.

**Note:** This tool is designed for light-duty projects and is not suitable for heavy-duty applications.

## 7. MAINTENANCE

### 7.1. Cleaning

- Always disconnect the tool from any charging source before cleaning.
- Use a soft, dry cloth to wipe down the tool's exterior.
- Remove any dust or debris from the chuck and ventilation openings using a small brush or compressed air.
- Do not use harsh chemicals or abrasive cleaners.

### 7.2. Storage

- Store the tool and its accessories in a clean, dry place, away from direct sunlight and extreme temperatures.
- Keep out of reach of children.
- If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.

### 7.3. Collet Replacement

If you notice that accessories are not holding securely even after proper tightening, the collet may be worn and require replacement. Use only genuine CHOKMAX replacement collets.

## 8. TROUBLESHOOTING

| Problem                          | Possible Cause                                                       | Solution                                                                            |
|----------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Tool does not turn on.           | Battery is depleted.                                                 | Charge the tool fully using the USB cable.                                          |
| Accessory falls out or is loose. | Incorrect collet size or collet not tightened properly. Worn collet. | Ensure the correct collet is used and tightened firmly. Replace the collet if worn. |
| Tool stops during operation.     | Battery is low. Overload protection activated.                       | Recharge the battery. Reduce pressure on the tool or use a lower speed setting.     |
| LED work light does not turn on. | Light button not pressed. Battery low.                               | Press the LED Work Light Button. Charge the tool.                                   |

## 9. SPECIFICATIONS

### PRODUCT SPECIFICATION

|               |                               |                        |                   |
|---------------|-------------------------------|------------------------|-------------------|
| Input:        | 3.7V                          | Charge time/use time:  | 1-3hours/1-3hours |
| Battery:      | Li-ion                        | Weight:                | 240g              |
| Load speed:   | 3000/6000/9000/12000/15000RPM |                        |                   |
| Product size: | 21.2x7.1x5.5cm                | Speed setting:         | 5 level           |
| Collect size: | 0.5~3.2mm                     | Number of accessories: | 42pcs             |

Image 9.1: Detailed product specifications.

| Feature              | Detail                                                 |
|----------------------|--------------------------------------------------------|
| Model Number         | HJ202                                                  |
| Input Voltage        | 3.7V                                                   |
| Battery Type         | Li-ion (2000mAh)                                       |
| Load Speed (RPM)     | 3000 / 6000 / 9000 / 12000 / 15000                     |
| Speed Settings       | 5 Levels                                               |
| Charge Time          | 1-3 hours                                              |
| Continuous Use Time  | Up to 120 minutes (depending on load)                  |
| Product Dimensions   | 21.2 x 7.1 x 5.5 cm (approx. 8.31 x 2.95 x 2.4 inches) |
| Item Weight          | 240g (approx. 7.9 ounces)                              |
| Collet Size Range    | 0.5 - 3.2 mm                                           |
| Included Accessories | 42 pieces                                              |
| Special Features     | Compact, Cordless, LED Light, Lightweight, Quiet       |

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact CHOKMAX customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

