

Fanttik F2 Pro Kit

Fanttik F2 Pro Kit Cordless Rotary Tool User Manual

Brand: Fanttik | Model: F2 Pro Kit

1. INTRODUCTION

The Fanttik F2 Pro Kit is a versatile cordless rotary tool designed for precision tasks across various DIY crafts and home improvement projects. Featuring a powerful motor, variable speed settings, and a comprehensive set of accessories, it offers efficiency and control for sanding, polishing, drilling, carving, and cutting.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your Fanttik F2 Pro Kit:

- F2 Pro Kit Cordless Rotary Tool
- Protective Shield
- Flip-top Storage Case
- 44 Pcs Accessories (various bits for sanding, polishing, drilling, carving, cutting, etc.)
- Quick Start Guide
- User Manual



Image: Contents of the Fanttik F2 Pro Kit, showing the rotary tool, its flip-top storage case, protective shield, and the array of 44 accessories.

3. PRODUCT FEATURES

- **Powerful Performance:** Equipped with a strong motor, offering 5,000 to 25,000 RPM for efficient and steady power.
- **Accessory Display Case:** Premium flip-top storage box with an automatic pop-up rack for easy access to attachments. Includes dedicated space for specialty accessories and an exposed port for convenient in-case charging.
- **Smart Interaction:** Rear ring light indicates battery and charging status. Body LED strip shows speed settings and overload alerts. Top LED work light enhances visibility for detailed tasks.
- **Precision Pressure Control:** Compact and lightweight (0.45lb) design for comfortable handling. Seamless pressure-sensitive switch enables 5-speed control for accurate operation. Built with water and dust resistance.
- **Long Runtime, Fast Charging:** Built-in 3000 mAh battery provides over 30 minutes of continuous grinding (100+ minutes no-load). Recharges in approximately 2 hours with 5V 2A Type-C fast charging.



Image: Illustration of the Fanttik F2 Pro Kit's powerful magnetic motor, emphasizing its high RPM, reduced heat, and increased efficiency.

4. SETUP

4.1. Charging the Rotary Tool

Before first use, fully charge the rotary tool. Connect the provided Type-C charging cable to the charging port located at the rear of the tool. The rear ring light will indicate the charging status. A full charge typically takes about 2 hours.



Image: The Fanttik F2 Pro Kit connected to a Type-C charger, illustrating its large-capacity battery and fast charging capability.

4.2. Installing/Changing Accessories

1. **Unlock the Shaft:** Press and hold the shaft lock button to prevent the shaft from rotating.
2. **Loosen the Collet Nut:** Rotate the collet nut counter-clockwise to loosen it.
3. **Insert Accessory:** Insert the desired accessory bit into the collet. Ensure the bit is fully seated.
4. **Tighten the Collet Nut:** While still holding the shaft lock button, rotate the collet nut clockwise until the accessory is securely fastened. Release the shaft lock button.

4.3. Attaching the Protective Shield

For certain applications, attach the transparent protective shield to the front of the tool to guard against debris and sparks. Align the shield with the tool's head and snap it into place.

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Video: Demonstrates the process of installing and changing accessories on the Fanttik F2 Pro Kit rotary tool, including securing the bit and attaching the protective shield.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

To turn the tool ON, rotate the switch from OFF to ON. To turn the tool OFF, rotate the switch from ON to OFF.

5.2. Adjusting Speed

The F2 Pro Kit features 5 variable speed settings, ranging from 5,000 to 25,000 RPM. To adjust the speed, press down firmly on the pressure-sensitive speed control area. Each press cycles through the available speeds. The body LED strip will indicate the current speed setting.



Image: Close-up of the Fanttik F2 Pro Kit highlighting the seamless integrated button for adjusting speed settings.

5.3. LED Indicators and Work Light

- **Rear Ring Light:** Displays battery level and charging status.
- **Body LED Strip:** Indicates the current speed setting and provides overload alerts.
- **Top LED Work Light:** Illuminates the work area for enhanced visibility and precision during detailed tasks.



Image: The Fanttik F2 Pro Kit with its circular LED light activated, demonstrating how it enhances visibility for precise work.

5.4. Applications

The Fanttik F2 Pro Kit is suitable for a wide range of applications:

- **Sanding:** Smooth rough edges on 3D printed models, wood, or other materials.
- **Polishing:** Restore shine to metals, plastics, and ceramics.
- **Drilling:** Create small holes in wood, plastic, or soft metals.
- **Carving/Engraving:** Add intricate details to various surfaces like wood, glass, or metal.
- **Cutting:** Trim small pieces of plastic, metal, or other materials with precision.
- **Derusting:** Remove rust from small metal components.



Image: A visual guide to the diverse applications of the Fanttik F2 Pro Kit, including sanding, carving, derusting, polishing, cutting, and drilling.

6. MAINTENANCE

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove dust and debris. Use a soft brush for hard-to-reach areas.
- **Accessory Care:** Clean accessories after use and store them properly in the provided case to maintain their sharpness and prolong their lifespan.
- **Storage:** Store the tool and its accessories in the flip-top storage case in a dry, cool place, away from direct sunlight and moisture.
- **Battery Care:** For optimal battery life, avoid fully discharging the tool frequently. Recharge it regularly, even if not in active use for extended periods.

7. TROUBLESHOOTING

- **Tool Not Turning On:** Ensure the on/off switch is in the 'ON' position and the battery is sufficiently charged. Recharge if necessary.
- **Accessory Not Secure:** Verify that the collet nut is tightened firmly after inserting the accessory. Ensure the shaft lock button is released before operation.
- **Reduced Performance:** Check the battery level. If the tool feels sluggish, it may require recharging. Also, ensure the correct speed setting is selected for the task.
- **Overload Alert:** If the body LED strip indicates an overload, reduce pressure on the tool or select a lower speed setting.

8. SPECIFICATIONS

Feature	Specification
Brand	Fanttik
Model Number	F2 Pro Kit
Power Source	Battery Powered

Maximum Rotational Speed	25000 RPM
Minimum Speed	5000 RPM
Variable Speed Settings	5 (5,000 - 25,000 RPM)
Battery Capacity	3000 mAh (Lithium Ion)
Charging Time	Approx. 2 hours (5V 2A Type-C)
Included Accessories	44 Pcs (various bits, protective shield)
Weight	0.45 lb (tool only)
Color	Black

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Fanttik website or contact their customer service directly. Keep your purchase receipt for warranty claims.