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› Einhell TC-MG 135 E Rotary Tool User Manual

Einhell 4419169

Einhell TC-MG 135 E Rotary Tool User Manual

Model: TC-MG 135 E (4419169)

1. INTRODUCTION

Thank you for choosing the Einhell TC-MG 135 E Rotary Tool. This versatile tool is designed for a wide range of applications, including sanding, engraving, polishing, and cutting. With its powerful 135W motor and variable speed control, it provides precision and efficiency for various DIY and crafting projects. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.



The Einhell TC-MG 135 E Rotary Tool in action, demonstrating its precision for detailed work on a model boat.

2. GENERAL SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and a dust mask.
- Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Ensure the power cord is undamaged and positioned to avoid tripping hazards.
- Always unplug the tool from the power source before making any adjustments, changing accessories, or storing the tool.
- Do not force the power tool. Use the correct power tool for your application.

- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

3. PACKAGE CONTENTS

The Einhell TC-MG 135 E Rotary Tool comes with a comprehensive set of accessories to support various tasks. Please check that all items are present upon unpacking:

- Einhell TC-MG 135 E Rotary Tool
- 189-piece accessory kit
- 1-meter flexible shaft
- Telescopic stand
- 12 corundum abrasive tips
- 6 milling cutters
- 22 sanding rollers (14 small, 8 large)
- 34 wrenches (20 small, 14 large)
- 3 mini abrasive and cutting disc attachments
- 40 polishing pads (11 long flat)
- 46 round HSS sheets
- Plate holders
- Clamping collets (Ø 0.5/1.6/2.4/3.2 mm)
- Chuck service wrench
- Brush
- Storage case





The comprehensive 189-piece accessory kit, neatly organized in its storage case.

4. PRODUCT OVERVIEW (COMPONENTS)

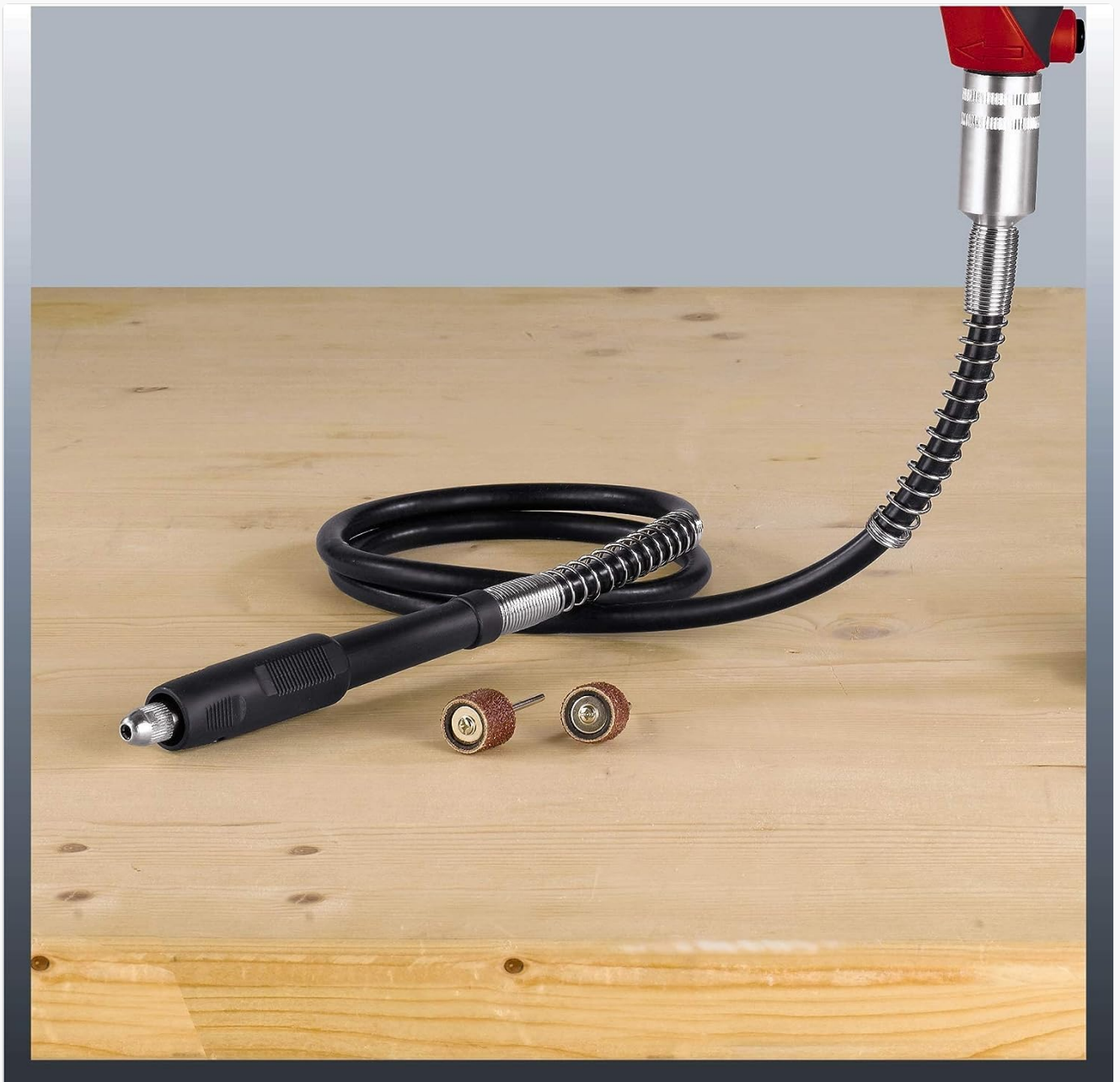
Familiarize yourself with the main parts of your Einhell TC-MG 135 E Rotary Tool:

1. **Main Tool Unit:** The core of the rotary tool, housing the motor and speed control.



The main body of the rotary tool, featuring an ergonomic grip.

2. **Flexible Shaft:** Allows for precise and comfortable work in hard-to-reach areas.



The flexible shaft, ideal for intricate and detailed tasks.

3. **Telescopic Stand:** Provides a stable mounting point for the tool, allowing for hands-free operation or use with the flexible shaft.



The telescopic stand, securely clamped to a surface, ready to hold the rotary tool.

4. **Lock Button:** Used to lock the spindle for easy accessory changes.



Press the lock button to secure the spindle when changing accessories.

5. **Collet Nut and Collets:** Securely holds various accessories in place. Different sizes are provided for different shank diameters.



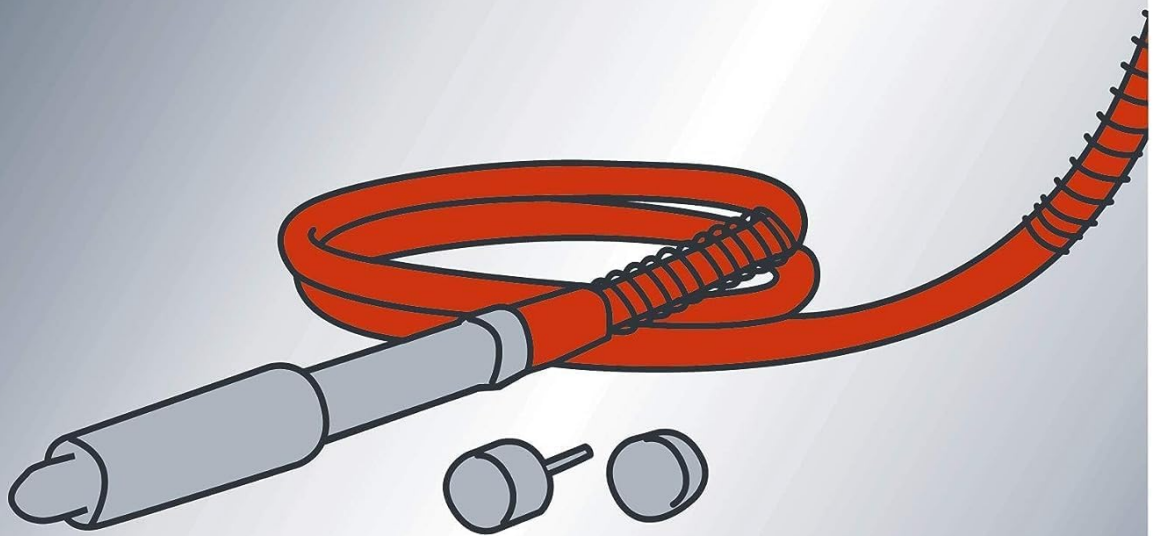
The collet nut and collet system for securing accessories.

6. **Hanging Hook:** Integrated hook for hanging the tool on the telescopic stand.



The hanging hook allows for convenient storage and use with the telescopic stand.

7. **Speed Adjustment Dial:** Allows for variable speed control from 10,000 to 32,000 RPM.



FLEXIBLE SHAFT

The dial for adjusting the tool's rotation speed.

5. SETUP

5.1. Assembling the Telescopic Stand

1. Attach the clamp base of the telescopic stand to a sturdy workbench or table.
2. Insert the telescopic rod into the clamp base and tighten it securely.
3. Adjust the height of the telescopic rod as needed for your workspace.

5.2. Attaching the Flexible Shaft (Optional)

1. Ensure the rotary tool is unplugged.
2. Unscrew the collet nut and remove the collet from the main tool unit.
3. Insert the drive shaft of the flexible shaft into the main tool's spindle.
4. Secure the flexible shaft by tightening the flexible shaft's coupling nut onto the main tool's housing.
5. Insert the desired accessory into the flexible shaft's collet and tighten the collet nut.

5.3. Inserting Accessories

1. Ensure the tool is unplugged.
2. Press and hold the spindle lock button.
3. Unscrew the collet nut using the provided wrench.
4. If necessary, replace the existing collet with one that matches the shank diameter of your desired accessory.
5. Insert the accessory shank fully into the collet.
6. Tighten the collet nut firmly with the wrench while holding the spindle lock button. Do not overtighten.
7. Release the spindle lock button.

6. OPERATION

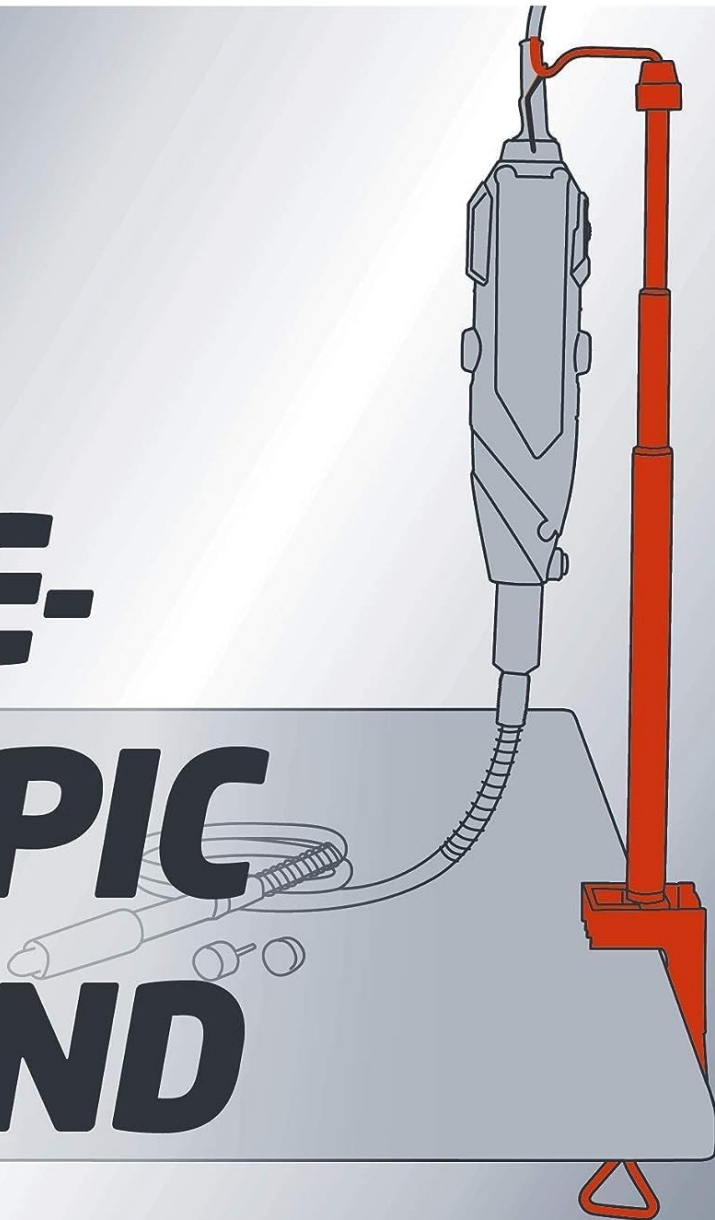
6.1. Powering On/Off

- To turn on the tool, slide the ON/OFF switch to the 'ON' position.
- To turn off the tool, slide the ON/OFF switch to the 'OFF' position.

6.2. Adjusting Speed

The Einhell TC-MG 135 E features variable electronic speed control, allowing you to select the optimal RPM for your task and material.

TELE- SCOPIC STAND



Electronic speed control for precise adjustments.

- Rotate the speed adjustment dial to increase or decrease the rotation speed.
- Start with a lower speed for delicate work or softer materials and gradually increase as needed.
- **Important:** To prevent damage to the tool, always turn off the tool before adjusting the speed setting. Do not change the speed while the tool is running.

6.3. General Usage Tips

- Always test the tool on a scrap piece of material before working on your main project.
- Apply light, consistent pressure. Let the tool do the work. Excessive pressure can cause the tool to bog down, overheat, or damage the accessory/material.
- Keep the tool moving to prevent burning or gouging the material.
- For optimal results, match the accessory type and speed to the material and task.

7. MAINTENANCE

7.1. Cleaning

- Always unplug the tool before cleaning.
- Use a soft brush or compressed air to remove dust and debris from the ventilation openings.
- Wipe the tool's housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clean accessories after each use to maintain their effectiveness and lifespan.

7.2. Storage

- Store the tool and its accessories in the provided case in a dry, secure location, out of reach of children.
- Ensure the power cord is neatly coiled and not kinked.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; ON/OFF switch in 'OFF' position; damaged power cord.	Check power outlet; ensure switch is 'ON'; inspect power cord for damage. If damaged, seek professional repair.
Tool stops during operation	Overload; overheating; loose connection.	Reduce pressure; allow tool to cool down; check power connection.
Excessive vibration or noise	Accessory not properly seated; bent accessory shank; worn bearings.	Re-seat accessory; replace bent accessory; if bearings are worn, seek professional service.
Accessory slips or cannot be tightened	Incorrect collet size; worn collet or collet nut.	Ensure correct collet size for accessory shank; replace collet or collet nut if worn.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Einhell customer support or a qualified service technician.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Einhell
Model Number	4419169
Rated Power	135 W
Voltage	230 Volts
Power Source	Electric Cord
Minimum Rotation Speed	10,000 RPM
Maximum Rotation Speed	32,000 RPM (as per title, 35,000 RPM in specs, using title for consistency)
Product Weight	2.25 Kilograms
Item Dimensions (L x W x H)	34 x 21.8 x 12.5 cm

Feature	Specification
Color	Red
Country of Origin	China
UPC	772040680916

10. WARRANTY AND SUPPORT

Einhell products are manufactured to high-quality standards and undergo strict quality controls. This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Einhell website for detailed warranty terms and conditions specific to your region.

For technical support, spare parts, or service inquiries, please contact Einhell customer service. Contact information can typically be found on the Einhell website or in your product documentation.

You can visit the official Einhell store for more information:[Einhell Store](#)

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Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question