

RUPES LHR 15ES

RUPES LHR 15ES Big Foot Random Orbital Polisher User Manual

Model: LHR 15ES | Brand: RUPES

[Box](#) [Setup](#) [Operation](#) [Introduction](#) [Maintenance](#) [Safety Information](#) [Troubleshooting](#) [What's in the Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

The RUPES LHR 15ES Big Foot Random Orbital Polisher is designed for efficient and smooth paint correction. This tool features an industry-leading 15-millimeter throw, making it suitable for polishing large surfaces with 6-inch pads. Its dual-action orbital technology aims to provide a finish free of swirls or holograms, which can be a concern with traditional rotary polishers. This manual provides essential information for the safe and effective use of your polisher.

Key Features:

- Superior Italian design and craftsmanship.
- Variable speed dial for precise control during operation.
- 500 Watt motor for consistent performance.
- Designed for silent operation and minimal vibration.
- Soft start mechanism to prevent product dispersion upon startup.
- Anti-spinning feature to prevent high-speed rotations and potential scratches.
- Electronic feedback control to maintain constant speed under load.

2. SAFETY INFORMATION

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

General Safety Guidelines:

- Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.

- Ensure the work area is well-lit and free from obstructions.
- Keep children and bystanders away while operating a power tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to power, picking up, or carrying the tool.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Use the correct power tool for your application. Do not force the tool.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.

3. WHAT'S IN THE BOX

Your RUPES LHR 15ES Big Foot Random Orbital Polisher package includes the following components:

- 1 x RUPES LHR 15ES Polisher Unit
- 1 x 980.027N 125mm/5in Backing Plate

Note: Polishing pads and compounds are sold separately.

4. SETUP

Attaching the Backing Plate:

1. Ensure the polisher is unplugged from the power source.
2. Align the 125mm/5in backing plate (model 980.027N) with the spindle on the polisher.
3. Securely screw the backing plate onto the spindle until it is hand-tight. Do not overtighten.

Attaching Polishing Pads:

The polisher is designed to accommodate 6-inch polishing pads. These pads attach to the backing plate via a hook-and-loop (Velcro) system.

1. Ensure the backing plate is clean and free of debris.
2. Align the polishing pad centrally with the backing plate.
3. Press the pad firmly onto the backing plate to ensure a secure attachment.



Figure 1: Top view of the RUPES LHR 15ES polisher, showing the 'Big Foot 15' branding.

5. OPERATING INSTRUCTIONS

Powering On and Off:

1. Connect the polisher to a suitable power outlet.
2. To start the polisher, press the trigger switch. The tool features a soft start, which provides an acceleration ramp to prevent accidental dispersion of product.
3. To maintain continuous operation without holding the trigger, engage the trigger lock button (refer to Figure 2).

4. To turn off the polisher, release the trigger switch or disengage the trigger lock.



Figure 2: Trigger switch and lock button for continuous operation.

Adjusting Speed:

The RUPES LHR 15ES features a variable speed dial, allowing you to adjust the oscillation speed from 1 to 6 settings. This enables precise control based on the task and product being used.

1. Locate the speed dial on the top of the polisher body.
2. Rotate the dial to select the desired speed setting. Lower settings are typically used for spreading product or finishing, while higher settings are for compounding and defect removal.



Figure 3: Variable speed dial for precise control.

Polishing Technique:

- Apply a small amount of polishing compound or polish directly to the pad.
- Place the pad flat on the surface to be polished before turning on the tool.
- Start the polisher on a low speed to spread the product evenly over a small section (e.g., 2x2 feet).
- Increase the speed to the desired setting and work in overlapping passes, maintaining even pressure.
- The anti-spinning feature helps prevent high-speed rotations, reducing the risk of scratches.
- The electronic feedback control maintains consistent power and speed even when pressure is applied.
- Avoid tilting the polisher, as this can concentrate pressure and heat, potentially damaging the paint.

6. MAINTENANCE

Cleaning the Polisher:

- Always unplug the tool before cleaning.
- Wipe down the exterior of the polisher with a clean, damp cloth. Avoid using harsh chemicals or solvents.
- Ensure ventilation openings are clear of dust and debris to prevent overheating.

Pad Care:

- Remove pads from the backing plate immediately after use. The hook-and-loop material on the backing plate can be aggressive, and leaving pads attached for extended periods may cause them to bond or rip upon removal.
- Clean pads thoroughly after each use according to the pad manufacturer's instructions.
- Inspect pads for wear, tear, or contamination before each use. Replace damaged pads.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Polisher does not turn on.	No power supply; faulty power cord; switch malfunction.	Check power outlet and connections. Inspect power cord for damage. If issues persist, contact RUPES service.
Excessive vibration or noise.	Improperly attached pad; damaged backing plate; internal component issue.	Ensure pad is centered and securely attached. Inspect backing plate for damage and replace if necessary. If vibration continues, discontinue use and seek professional service.
Pad stops rotating/oscillating.	Too much pressure applied; worn pad; motor overload.	Reduce pressure on the tool. Replace worn pads. Allow the tool to cool down if it feels hot.
Poor polishing results (swirls/holograms).	Incorrect pad/compound combination; improper technique; dirty pads.	Ensure appropriate pad and compound for the paint condition. Review operating instructions for proper technique. Clean or replace pads regularly.

8. SPECIFICATIONS

Feature	Detail
Brand	RUPES
Model Number	LHR 15ES
Power Source	Corded Electric
Maximum Power	500 Watts
Amperage	4.17 Amps
Product Dimensions (D x W x H)	21"D x 8.5"W x 8"H
Item Weight	0.01 Ounces
Color	Black
Included Components	Tool only. Includes (1) LHR15ES Polisher, (1) 980.027N 125mm/5in backing plate.
Specific Uses For Product	Automotive
UPC	082045633214

9. WARRANTY AND SUPPORT

Manufacturer's Warranty:

The RUPES LHR 15ES Big Foot Random Orbital Polisher comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of

purchase for warranty claims.

Customer Support:

For technical assistance, service, or warranty inquiries, please contact RUPES customer support through their official website or authorized service centers. Refer to the packaging or RUPES official website for the most current contact information.

10. PRODUCT VIDEOS

Review - Rupes LHR 15ES Big Foot Random Orbital Polisher

Your browser does not support the video tag.

This video provides an overview and review of the RUPES LHR 15ES Big Foot Random Orbital Polisher, demonstrating its features and operation.

Best Orbital Polisher I've Used and WHY! My review!

Your browser does not support the video tag.

A detailed review highlighting the benefits and performance of the RUPES LHR 15ES orbital polisher from a user's perspective.