

Festool 574849

Festool FES574849 Oscillat 18 LI E-Basic Set Cordless Oscillator Multi Tool Instruction Manual

Model: 574849 | Brand: Festool

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1. PRODUCT OVERVIEW

The Festool Oscillat OSC 18 LI E-Basic Set is a versatile cordless multi-tool designed for precise cutting, scraping, and sanding in various materials such as insulation, wood, and plastics. Powered by an 18-volt lithium-ion battery, it offers the convenience of cordless operation, making it highly portable for both professional and DIY applications. Its oscillating mechanism ensures accurate and efficient material removal, while the compact and ergonomic design provides comfortable handling and easy maneuverability in tight spaces.

Key features include:

- Cordless freedom with an 18-volt lithium-ion battery system.
- Versatile oscillating mechanism for precise cutting in various materials.
- Ideal for cutting insulation, wood, plastics, and more.
- Compact and ergonomic design for comfortable and extended use.
- Compatibility with Festool's range of accessories for expanded functionality.



Figure 1.1: The Festool Oscillat 18 LI E-Basic Set, including the multi-tool, various attachments, and the Systainer storage case. This image provides a comprehensive view of the product and its included components.



Figure 1.2: A detailed view of the Festool Oscillat 18 LI E-Basic cordless multi-tool, highlighting its ergonomic grip and the oscillating head.

2. SAFETY INFORMATION

Always observe the following safety precautions when operating the Festool Oscillat 18 LI E-Basic Set to prevent electric shock, fire, and serious injury.

General Power Tool Safety Warnings

- **Work Area Safety:** 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.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use power tools only with specifically designated battery packs.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components listed below are present and undamaged. If any items are missing or damaged, contact your Festool dealer or customer support immediately.

- 1 x Festool Oscillat 18 LI E-Basic Cordless Oscillator Multi Tool

- Systainer Storage Case
- Standard Oscillating Saw Blade (e.g., for wood/metal)
- Various attachments and accessories (e.g., depth stop, sanding pad, scraper blade)
- Instruction Manual



Figure 3.1: All components of the Festool Oscillat 18 LI E-Basic Set as typically included in the package. Ensure all items shown are present.

4. SETUP

Before first use, ensure the battery is fully charged. The tool requires an 18V Festool Lithium-Ion battery (not included in E-Basic Set) and a compatible Festool charger.

4.1. Battery Installation

1. Ensure the tool is switched off.
2. Align the battery pack with the battery port on the tool's handle.
3. Slide the battery pack into the port until it clicks securely into place. Do not force it.
4. To remove, press the release button(s) on the battery pack and slide it out.

4.2. Attaching Accessories (Blades/Pads)

The Festool Oscillat features a quick-change system for accessories.

1. Ensure the tool is switched off and the battery is removed for safety.
2. Locate the quick-release lever on the oscillating head.
3. Open the lever to unlock the accessory mount.
4. Align the accessory (e.g., saw blade, sanding pad) with the mounting interface, ensuring it sits flush.
5. Close the quick-release lever firmly until it locks, securing the accessory in place.
6. Gently tug on the accessory to confirm it is securely attached before use.



Figure 4.1: Detail of the tool head, showing the quick-release mechanism for attaching various accessories.

5. OPERATING INSTRUCTIONS

The Festool Oscillat 18 LI E-Basic is designed for a variety of applications. Always ensure the correct accessory is fitted for the material and task.

5.1. Basic Operation

1. Ensure the battery is charged and an appropriate accessory is securely attached.
2. Hold the tool firmly with both hands, maintaining a stable grip.
3. Press the power switch to start the tool. The speed can typically be adjusted via a dial or trigger pressure.
4. Apply the accessory to the workpiece with gentle, controlled pressure. Allow the tool to do the work; do not force it.
5. Guide the tool smoothly along the desired cutting or sanding line.
6. Release the power switch to stop the tool.

5.2. Common Applications

- **Precise Cutting:** Ideal for plunge cuts in wood, drywall, or plastics, and for cutting flush to surfaces.

- **Sanding:** With the appropriate sanding pad and abrasive, the tool can be used for detail sanding in corners or tight spaces.
- **Scraping:** Use a scraper blade for removing old adhesive, caulk, or paint.
- **Grout Removal:** Specialized blades can be used for removing grout between tiles.



Figure 5.1: The multi-tool in action, demonstrating precise cutting of wood flooring, ideal for fitting around door frames or other obstacles.



Figure 5.2: Demonstrating the tool's capability for plunge cuts, possibly for creating openings in panels or for precise trimming.



Figure 5.3: The multi-tool equipped with a scraper blade, effectively removing dried adhesive or similar material from a surface.



Figure 5.4: The tool connected to a dust extraction system, highlighting its compatibility for cleaner and safer operation, especially when working with wood.



Figure 5.5: The multi-tool being used for a precise flush cut, demonstrating its ability to trim materials close to a surface, such as a door frame or baseboard.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Festool Oscillat 18 LI E-Basic.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth. Remove any dust or debris from the ventilation slots to prevent overheating. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Inspection:** Regularly inspect blades, sanding pads, and other accessories for wear or damage. Replace worn accessories promptly to maintain cutting efficiency and safety.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme temperatures. Follow the charging instructions provided with your Festool charger.
- **Storage:** Store the tool and its accessories in the provided Systainer case to protect them from dust, moisture, and impact.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Festool Oscillat 18 LI E-Basic. For problems not listed here, contact Festool customer support.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted until it clicks.
Reduced cutting/sanding performance.	Worn or incorrect accessory.	Replace the accessory with a new, sharp one suitable for the material.
Excessive vibration or noise.	Accessory not securely attached or damaged.	Check that the accessory is locked firmly. Inspect for damage and replace if necessary.
Tool overheats.	Ventilation slots blocked; continuous heavy use.	Clean ventilation slots. Allow tool to cool down during extended use.

8. SPECIFICATIONS

Technical specifications for the Festool Oscillat 18 LI E-Basic Set.

Feature	Detail
Model Number	574849
Power Source	Battery Powered
Voltage	18 Volts
Battery Type	Lithium Ion (2 required, not included in E-Basic Set)
Weight	1.6 Kilograms
Package Dimensions	40.6 x 29.2 x 16.2 cm
Manufacturer	Festool Group GmbH & Co.

9. SUPPORT AND WARRANTY

For technical assistance, spare parts, or warranty claims, please contact Festool customer support or your authorized Festool dealer.

Please refer to the official Festool website or the documentation included with your purchase for the most up-to-date warranty information and service contact details.

Online Resources: Visit the official Festool website for product registration, FAQs, and additional resources.

www.festool.com

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