

Festool 574335

Festool OF 1010 EBQ-Plus Router Instruction Manual

Model: OF 1010 EBQ-Plus (Part No. 574335)

INTRODUCTION

This instruction manual provides essential information for the safe and efficient use of your Festool OF 1010 EBQ-Plus Router. Please read this manual thoroughly before operating the tool to ensure proper handling, optimal performance, and user safety. The Festool OF 1010 EBQ-Plus is a compact and precise fixed-base router designed for various woodworking applications, including rounding, chamfering, rebating, and profiling edges.

SAFETY INSTRUCTIONS

Always observe the following safety precautions when using the Festool OF 1010 EBQ-Plus Router to prevent electric shock, fire, and serious injury.

- **Work Area Safety:** Keep the 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:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Router Specific Safety:** Ensure the router bit is securely fastened before operation. Keep hands away from the rotating bit. Always use appropriate dust extraction.

COMPONENTS AND FEATURES

The Festool OF 1010 EBQ-Plus Router is engineered with several features to enhance precision, safety, and ease of use.

- **Compact and Lightweight Design:** Facilitates one-handed operation and reduces user fatigue.
- **Quick-Acting Brake:** Enhances safety by rapidly stopping the router bit after the power is switched off.
- **MMC Electronics:** Provides constant speed under load and temperature monitoring, allowing adaptation to various materials.
- **Routing Depth Adjustment:** Precise depth setting up to 1/10 mm for accurate work.
- **Spindle Stop:** Simplifies and speeds up router bit changes.
- **Integrated Chip Extractor:** Designed into the router baseplate for efficient dust and chip removal, maintaining a clear view of the workpiece.



Figure 1: The Festool OF 1010 EBQ-Plus Router, showing its compact design, depth adjustment mechanism, and integrated dust extraction port. The router features a silver and black body with green accents.

SETUP

1. **Unpacking:** Carefully remove the router and all accessories from its packaging. Inspect for any

damage.

2. **Power Connection:** Ensure the router is connected to an AC power source with the specified voltage (230 Volts). Verify the power switch is in the "OFF" position before plugging in.
 3. **Installing a Router Bit:**
 - Press and hold the spindle stop button to lock the spindle.
 - Insert the desired router bit into the collet. Ensure the shank is fully seated.
 - Tighten the collet nut firmly with the appropriate wrench. Release the spindle stop.
 4. **Adjusting Routing Depth:**
 - Loosen the depth adjustment clamp.
 - Lower the router until the bit touches the workpiece surface.
 - Use the fine adjustment knob to set the desired routing depth, reading the measurement on the scale (up to 1/10 mm precision).
 - Tighten the depth adjustment clamp securely.
 5. **Dust Extraction Connection:** Attach a suitable dust extraction hose to the integrated chip extractor port on the router baseplate for effective dust management.
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OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your Festool OF 1010 EBQ-Plus Router.

1. **Powering On:** With the router bit clear of the workpiece, switch the tool on. Allow the motor to reach full speed before beginning the cut.
2. **Speed Adjustment:** Use the MMC electronics control to adjust the routing speed according to the material and router bit being used. Refer to the bit manufacturer's recommendations for optimal speed settings.
3. **Routing Techniques:**
 - Always move the router against the direction of bit rotation (climb cutting is generally not recommended for handheld routers).
 - Maintain a firm grip on the router with both hands (or one hand if performing light, controlled edge work).
 - Apply steady, even pressure. Avoid forcing the router, as this can lead to poor cut quality and potential kickback.
 - For deeper cuts, make multiple passes, increasing the depth with each pass, rather than attempting one deep cut.
4. **Dust Extraction:** Ensure the dust extractor is running during operation to maintain a clean work area and improve visibility.
5. **Powering Off:** Once the cut is complete, switch the router off and wait for the bit to come to a complete stop before lifting the tool from the workpiece. The quick-acting brake will assist in rapid stopping.



Figure 2: A user demonstrating the Festool OF 1010 EBQ-Plus Router in operation, performing an edge routing task on a wooden surface. The integrated dust extraction hose is visible, connected to the router.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Festool OF 1010 EBQ-Plus Router.

- **Cleaning:** After each use, disconnect the router from the power supply. Clean the tool, especially the collet area and baseplate, to remove dust, chips, and resin buildup. Use a soft brush or compressed air.
- **Router Bit Care:** Keep router bits sharp and clean. Dull bits can cause overheating, poor cuts, and increased strain on the motor.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage. If damaged, have it repaired by a qualified service technician.
- **Storage:** Store the router in a clean, dry place, preferably in its Systainer, away from direct sunlight and extreme temperatures.
- **Professional Service:** For any internal repairs or complex maintenance, contact an authorized

TROUBLESHOOTING

This section addresses common issues you might encounter with your router.

Problem	Possible Cause	Solution
Router does not start.	No power supply; faulty switch; damaged cord.	Check power outlet and cord connection. Ensure switch is fully engaged. Inspect cord for damage. If issues persist, seek professional service.
Poor cut quality (e.g., burning, rough edges).	Dull router bit; incorrect speed setting; feeding too fast.	Replace or sharpen bit. Adjust speed according to material. Reduce feed rate.
Excessive vibration or noise.	Loose router bit; damaged bit; worn bearings.	Ensure bit is securely tightened. Replace damaged bit. If bearings are suspected, contact service.
Dust extraction is ineffective.	Dust hose clogged or disconnected; extractor not powerful enough.	Check hose for blockages and secure connection. Ensure dust extractor is operating correctly.

SPECIFICATIONS

Technical data for the Festool OF 1010 EBQ-Plus Router.

Feature	Detail
Brand	Festool
Model Number	574335
Power Source	AC (Corded Electric)
Voltage	230 Volts
Wattage	1010 Watts
Amperage	4.39 Amps
Horsepower	1.34 Horsepower
Base Type	Fixed
Material	Aluminum, Plastic

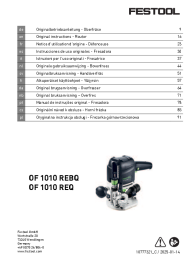
Feature	Detail
Item Weight	2700 Grams (approx. 5.95 pounds)
Product Dimensions	15.67 x 11.65 x 8.46 inches
Color	Black, Silver

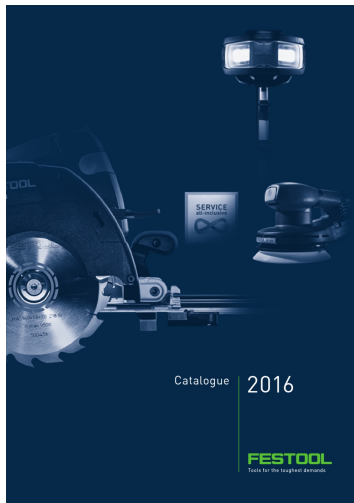
WARRANTY AND SUPPORT

Festool products are known for their quality and durability. For detailed warranty information, service, or technical support, please refer to the official Festool website or contact your authorized Festool dealer.

You can find more information and contact details by visiting the [Festool Store on Amazon](#) or their official corporate website.

Related Documents - 574335

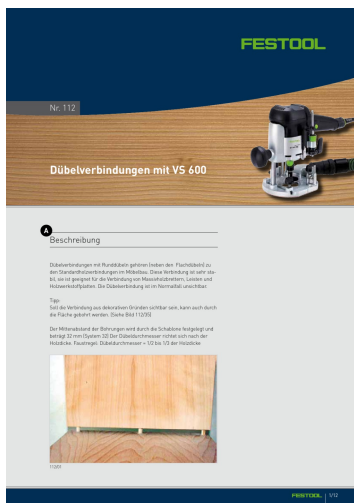
	Festool OF 1010 REBQ / REQ Router: Operating Manual Comprehensive operating manual for the Festool OF 1010 REBQ and OF 1010 REQ routers, covering safety, technical specifications, operation, and maintenance.
	Pierre's Chair: A Festool & Friends Project by The Swedish Maker A detailed guide to building Pierre's Chair, a chic, simple, and functional piece of furniture crafted from American walnut wood, powered by Festool tools. Includes tool setup, materials list, and construction tips from The Swedish Maker.
	Festool OF 1400 EB/EBQ Oberfräse Bedienungsanleitung Umfassende Bedienungsanleitung für die Festool OF 1400 EB und OF 1400 EBQ Oberfräse, inklusive technischer Daten, Sicherheitshinweisen und Anwendungstipps.
	Manual de utilizare Festool OF 1400 EQ / EBQ - Mașină de frezat Manual de utilizare original pentru mașina de frezat Festool OF 1400 EQ și OF 1400 EBQ. Ghid complet despre utilizare, reglaje, întreținere, accesorii și siguranță.



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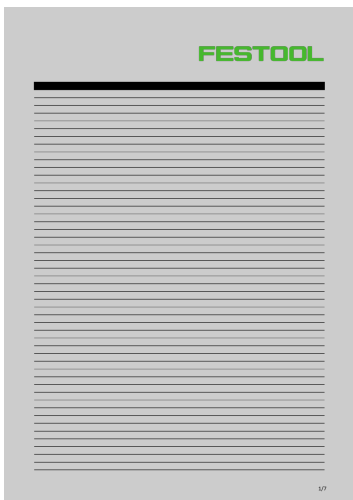
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 extractors, and more. This catalog details model numbers, product types, and
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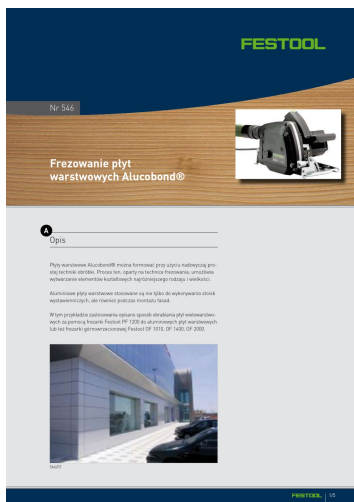
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[Festool Catalogus 2018: Innovatieve Gereedschappen en 18 Volt Systeem](#)

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[Festool Product Catalogue 2019](#)

A comprehensive overview of Festool's product range and services for 2019, featuring new tools like CT MINI/MIDI dust extractors, cordless insulating material saws, and detailed service offerings.

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