

Festool TS 55 REBQ

Festool TS 55 REBQ Plunge-Cut Saw

Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Festool TS 55 REBQ Plunge-Cut Saw. Please read all instructions carefully before using the tool to ensure personal safety and optimal performance. Keep this manual for future reference.

The Festool TS 55 REBQ is designed for precise cutting tasks, offering features such as a flat housing for close-to-wall cuts and a guide wedge for safe, easy starting in the cut line. Its transparent sliding window enhances visibility of the cut line and saw blade.



Image: Side view of the Festool TS 55 REBQ Plunge-Cut Saw, highlighting its compact design and branding.

WHAT'S IN THE BOX

Your Festool TS 55 REBQ package includes the following components. Please verify all items are present upon receipt.

- 1 x TS 55 REBQ-Plus Plunge-Cut Saw (Model 576000)
- 2 x Guide Rails FS 1400/2 (Model 491498)
- 2 x Connectors FSV (Model 482107)
- 2 x Clamps FSZ 120 (Model 489570)
- 1 x Saw Blade 160 HM Z481 (Carbide, 160mm diameter, 48 teeth)
- 1 x Systainer Case SY. S3 M 337

Note: The product is delivered in two separate packages.

SETUP

1. Power Connection

Ensure the saw is disconnected from the power supply before any assembly or adjustment. Connect the saw to a standard AC power outlet (230V, 50/60Hz) using the provided power cord.

2. Saw Blade Installation

1. Press the spindle lock button to secure the saw blade.
2. Use the appropriate wrench to loosen the blade retaining screw.
3. Carefully remove the old blade, noting its rotation direction.
4. Install the new 160 HM Z481 saw blade, ensuring the teeth are oriented correctly for cutting (usually indicated by an arrow on the blade and saw).
5. Tighten the blade retaining screw securely.

Safety Warning: Always wear protective gloves when handling saw blades.

3. Guide Rail Attachment

For precise cuts, attach the guide rails. Connect two FS 1400/2 guide rails using the FSV connectors. Place the saw onto the guide rail, ensuring it slides smoothly. Use the FSZ 120 clamps to secure the guide rail to your workpiece.



Image: The Festool TS 55 REBQ Plunge-Cut Saw mounted on a guide rail, demonstrating its compatibility for straight and accurate cuts.

4. Depth and Bevel Adjustment

Adjust the cutting depth using the depth stop mechanism. The saw features a bevel capacity from -1° to 47° . Use the bevel adjustment lever to set the desired angle for miter cuts.



Image: A user adjusting the settings on the Festool TS 55 REBQ Plunge-Cut Saw, likely for depth or bevel angle.

OPERATING INSTRUCTIONS

1. Safety Precautions

- Always wear appropriate Personal Protective Equipment (PPE), including safety glasses, hearing protection, and dust mask.
- Ensure your workpiece is stable and securely clamped before cutting.
- Keep hands clear of the cutting area and rotating blade.
- Connect to a dust extraction system for a cleaner and safer working environment.



Image: A user wearing safety glasses while operating the Festool TS 55 REBQ Plunge-Cut Saw on a workpiece.

2. Making a Cut

1. Position the saw on the guide rail, aligning the cut line with the desired mark on your workpiece.
2. Engage the plunge mechanism by pressing the plunge release lever and pushing the saw down. The guide wedge ensures a safe and easy start into the material.
3. Start the saw by pressing the trigger. Allow the blade to reach full speed before engaging the material.
4. Maintain a steady, controlled feed rate through the workpiece. The transparent sliding window provides clear visibility of the cut line and blade.
5. Once the cut is complete, release the trigger and allow the blade to stop before lifting the saw from the workpiece.



Image: A user demonstrating the use of the Festool TS 55 REBQ Plunge-Cut Saw with a guide rail on a wide wooden panel.

3. Working Close to Walls

The flat housing design of the TS 55 REBQ allows for a minimum distance of 12 mm from the wall, enabling precise cuts in confined spaces or along edges.



Image: A user operating the Festool TS 55 REBQ Plunge-Cut Saw, connected to a dust extraction hose for a clean work area.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your Festool TS 55 REBQ.

- **Cleaning:** After each use, disconnect the saw from power and clean dust and debris from the housing, ventilation slots, and blade area using a brush or compressed air.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades immediately to prevent kickback and ensure clean cuts.
- **Guide Rail Care:** Keep guide rails clean and free of debris to ensure smooth saw movement.
- **Power Cord:** Check the power cord for any signs of damage. Do not use the tool if the cord is damaged.

TROUBLESHOOTING

If you encounter issues with your Festool TS 55 REBQ, refer to the following common problems and solutions:

- **Saw does not start:**

- Check if the power cord is securely plugged into a live outlet.
- Verify the circuit breaker has not tripped.
- Ensure the safety switch/lock-off button is fully disengaged before pressing the trigger.

- **Poor cut quality or excessive splintering:**

- The saw blade may be dull or damaged; replace it if necessary.
- Ensure the blade is clean and free of resin buildup.
- Verify the cutting depth is set correctly for the material thickness.
- Check that the guide rail is securely clamped and not shifting during the cut.

- **Saw overheats:**

- Ensure ventilation slots are clear of dust and debris.
- Avoid forcing the saw through the material; reduce feed rate.
- Allow the saw to cool down if it becomes excessively hot.

For issues not covered here or for complex repairs, please contact an authorized Festool service center.

TECHNICAL SPECIFICATIONS

Feature	Specification
Manufacturer	Festool
Model Number	575961
Item Weight	4.5 Kilograms
Color	Red
Power Source	AC (Mains)
Power	1200 Watts
Handle Material	Polyamide
Speed	1400 rpm
Special Feature	Bevel Capacity (-1° to 47°)
Blade Material	Carbide
Surface Recommendation	Wood
Batteries Included/Required	No

WARRANTY INFORMATION

The Festool TS 55 REBQ Plunge-Cut Saw comes with a Limited Warranty. For detailed information regarding warranty terms, conditions, and registration, please refer to the official Festool website or contact your local Festool dealer. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or spare parts, please contact Festool customer service or visit their official website. You can typically find contact information on the Festool website or in the packaging materials.

Online Resources: www.festool.com