

Festool 576726

Festool TS 60 KEB-F-Plus Plunge-Cut Track Saw User Manual

Model: 576726

1. INTRODUCTION

This user manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Festool TS 60 KEB-F-Plus Plunge-Cut Track Saw. Please read this manual thoroughly before using the tool to ensure proper handling and to maximize its performance and longevity.

The Festool TS 60 KEB-F-Plus is a high-performance corded electric plunge-cut track saw designed for precise and versatile cutting applications in wood and metal. It features a powerful brushless EC-TEC motor and an innovative Kickback Stop mechanism for enhanced safety.

2. SAFETY INSTRUCTIONS

Always adhere to general power tool safety warnings and local regulations. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

2.1 General Safety

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the saw. Secure loose clothing and long hair.
- **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.
- **Kickback Stop:** The unique Kickback Stop mechanism helps to reduce the risk of kickback during sawing or plunge-cutting into the workpiece. Ensure this feature is active and functioning correctly before operation.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Festool TS 60 KEB-F-Plus Plunge-Cut Track Saw:

- **Saw Body:** Main housing of the tool.

- **Handle:** Ergonomically designed for comfortable grip and control.
- **Blade Guard:** Protects the user from the rotating saw blade.
- **Depth Adjustment:** Mechanism to set the cutting depth.
- **Bevel Adjustment:** Allows for angled cuts from -1° to 47° .
- **Kickback Stop Button:** Activates/deactivates the kickback prevention system.
- **Spindle Lock (FastFix):** For easy and safe blade changes.
- **Dust Extraction Port:** Connects to a dust extractor for clean operation.
- **Sight Window:** Transparent window for clear view of the saw blade and cut line.
- **Allen Key Storage:** Integrated storage for the hex key used for blade changes.



Figure 3.1: Festool TS 60 KEB-F-Plus Plunge-Cut Track Saw with included accessories.



Figure 3.2: Detailed view of the Festool TS 60 KEB-F-Plus, highlighting its compact design.

4. SETUP

4.1 Blade Installation/Removal

1. Ensure the saw is unplugged from the power source.
2. Locate the FastFix spindle lock button. Press and hold it to lock the saw blade in place.
3. Use the provided hex key (stored on the tool) to loosen the blade retaining screw.
4. Carefully remove the old blade.
5. Install the new blade, ensuring the rotation direction matches the arrow on the saw.
6. Tighten the blade retaining screw firmly while holding the spindle lock.



Figure 4.1: Demonstrating the process of changing the saw blade using the integrated hex key and FastFix spindle lock.

4.2 Connecting to a Guide Rail

The TS 60 KEB-F-Plus is designed for use with Festool guide rails (sold separately) for precise, straight cuts. Simply align the saw's base with the guide rail and slide it into position. The saw will securely engage with the rail.

4.3 Dust Extraction Setup

Connect a Festool dust extractor to the dust extraction port on the saw to minimize sawdust and maintain a clean work environment. This saw is designed for highly efficient dust collection.

5. OPERATING INSTRUCTIONS

5.1 Setting Cutting Depth

Adjust the cutting depth using the depth adjustment lever. The scale allows for precise setting of the desired depth, up to 2-7/16 inches (62 mm).

5.2 Adjusting Bevel Angle

For angled cuts, loosen the bevel adjustment knobs (one at the front, one at the back) and tilt the saw base to the desired angle between -1° and 47°. Tighten the knobs securely before cutting.



Figure 5.1: The saw in operation on a guide rail, demonstrating its precision cutting capabilities.

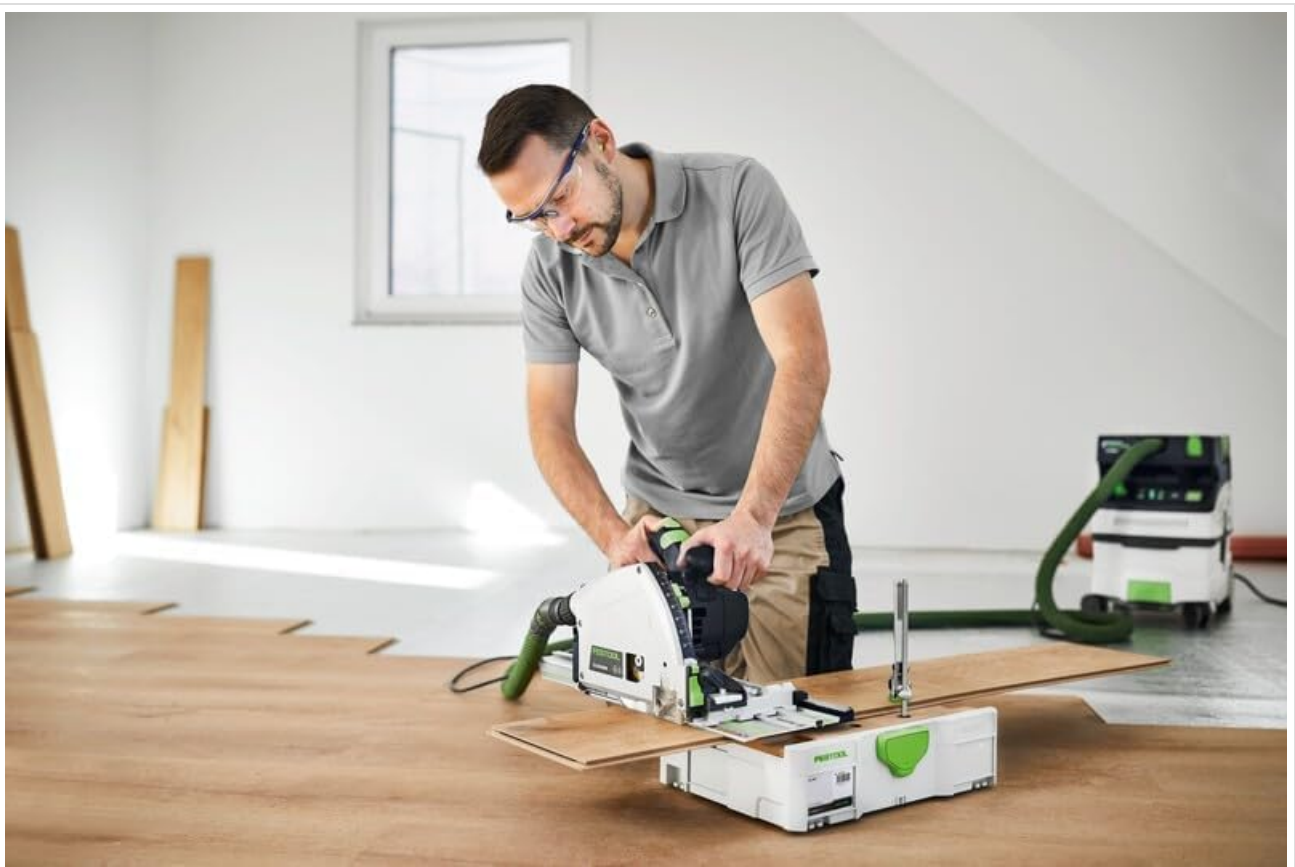


Figure 5.2: A professional using the Festool TS 60 KEB-F-Plus for a precise cut on a large panel.



Figure 5.3: The saw being used on a workpiece supported by sawhorses, showcasing its adaptability in various work settings.

5.3 Engaging Kickback Stop

The Kickback Stop feature is activated by a dedicated button on the saw. Ensure it is engaged for maximum safety, especially during plunge cuts or when working with materials prone to kickback. This system actively reduces the risk of the saw kicking back towards the user.



Figure 5.4: The Kickback Stop button, a key safety feature of the TS 60 KEB-F-Plus.

5.4 Speed Control

The saw features variable speed control to match the cutting speed to the material. Adjust the speed dial according to the material being cut for optimal results and to prevent overheating of the blade or motor.



Figure 5.5: The speed adjustment dial, allowing users to select the appropriate RPM for different materials.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Festool TS 60 KEB-F-Plus.

- **Cleaning:** After each use, clean the saw body, blade guard, and dust extraction port. Remove any sawdust or debris.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness and damage. Replace dull or damaged blades promptly.
- **Cord Inspection:** Check the power cord for any signs of damage or fraying. Do not use the tool if the cord is damaged.
- **Brushless Motor:** The EC-TEC brushless motor requires minimal maintenance compared to brushed motors, offering extended service life.



Figure 6.1: The EC-TEC brushless motor, known for its durability and efficiency.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw not starting	No power supply; damaged cord; faulty switch	Check power connection; inspect cord; contact service center
Excessive kickback	Kickback Stop disengaged; dull blade; improper technique	Engage Kickback Stop; replace blade; review cutting technique
Poor cut quality	Dull or incorrect blade; improper depth/speed setting	Replace/select correct blade; adjust depth/speed
Overheating	Overloading; poor ventilation; dull blade	Reduce load; ensure clear vents; replace blade

8. SPECIFICATIONS

- **Model:** TS 60 KEB-F-Plus
- **Part Number:** 576726
- **Power Source:** Corded Electric
- **Voltage:** 120 Volts (AC)
- **Wattage:** 1500 Watts
- **Item Weight:** 17.4 Pounds (7.9 kg)
- **Product Dimensions:** 15.59"L x 11.65"W x 13.27"H (39.6cm L x 29.6cm W x 33.7cm H)
- **Blade Material:** High Speed Steel
- **Number of Teeth:** 24 (for included blade)

- **Speed:** 6800 RPM (max)
- **Cutting Depth (90°):** Up to 2-7/16" (62 mm)
- **Cutting Angle:** -1° to 47°
- **Special Feature:** Brushless EC-TEC Motor, Kickback Stop
- **Included Components:** 1x TS 60 K plunge-cut saw, WOOD FINE CUT HW 168 x 1.8 x 20 WD42 circular saw blade; sight window; splinterguard; hex key 5 mm; Systainer SYS3 M 337
- **Country of Origin:** Germany

9. WARRANTY AND SUPPORT

Festool offers a 3-year manufacturer's limited warranty on the TS 60 KEB-F-Plus. This warranty covers defects in materials and workmanship under normal use. For detailed warranty terms and conditions, please refer to the official Festool website or contact Festool customer service.

For technical support, service, or spare parts, please contact your authorized Festool dealer or visit the official Festool website for contact information and service center locations.

Thank you for choosing Festool.

Related Documents - 576726

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Festool TSV 60 KEBQ Plunge-cut Saw: Original Operating Instructions

Official operating instructions and user manual for the Festool TSV 60 KEBQ plunge-cut saw, detailing safety, usage, technical specifications, and maintenance.

PIERRE PAULIN & ASSOCIÉS

PIERRE'S CHAIR

DESIGNED BY PIERRE PAULIN FOR POLYPLAST, 1968

Une chaise en bois massif, conçue par Pierre Paulin pour Polyplast, en 1968. Cette chaise est une œuvre majeure de la collection "Pierre's Chair" de Pierre Paulin. Elle est caractérisée par son design épuré et ses lignes courbes. La chaise est fabriquée en bois massif et est disponible en plusieurs finitions. Elle est conçue pour être utilisée dans un environnement domestique ou professionnel.

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POLYPLAST

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	
10	Originalbetonbetondeckung - Tuschplatte
11	Originalbetondeckung - Fliese auf Holz
12	Naturel et aluminium: origine - Sans plomberie
13	Material für Installationen original - Service mobile
14	Material für Installationen original - Service mobile
15	Originalgipsbetondeckung - Ideal einbaubausysteme
16	Originalgipsbetondeckung - Ideal einbaubausysteme
17	Aluminiumbetondeckung - Updatione
18	Originalbetondeckung - Beton
19	Originalbetondeckung - Beton
20	Material für Installationen original - Service mobile
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Festool TS 55 Serie: Bedienungsanleitung & Technische Daten

Umfassende Bedienungsanleitung für die Festool Tauchsägen TS 55 FEBQ, TS 55 FEQ und TS 55 FQ. Enthält Sicherheitshinweise, technische Daten, Einstellungen und Wartungsinformationen für präzise Schnitte.

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Festool HKC 55 EB Cordless Circular Saw: Operating Instructions and Safety Guide

Comprehensive operating instructions and safety information for the Festool HKC 55 EB cordless circular saw. Learn about features, proper usage, maintenance, and safety precautions for this powerful woodworking tool.

