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› PARKSIDE® PKS 1500 B3 Miter Saw User Manual

PSIDE PARKSIDE® PKS 1500 B3

PARKSIDE® PKS 1500 B3 Miter Saw User Manual

Model: PKS 1500 B3

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your PARKSIDE® PKS 1500 B3 Miter Saw. Please read this manual thoroughly before using the device and keep it for future reference.

The PARKSIDE® PKS 1500 B3 is designed for precise cutting of wood and plastic materials. It features a continuously tiltable saw head and adjustable miter angles for versatile applications.

2. SAFETY INSTRUCTIONS

Always observe general safety rules when operating power tools. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE) such as safety glasses, hearing protection, and dust mask.
- Ensure the work area is 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.
- Keep children and bystanders away while operating a power tool.
- Secure the workpiece with the clamping device and side support brackets before cutting.
- Always disconnect the saw from the power supply before making any adjustments, changing accessories, or storing the tool.
- Use only saw blades specified for this model and material.

3. PACKAGE CONTENTS

Carefully unpack all items and check for completeness and transport damage. If any parts are missing or damaged, contact customer service.

- 1 x PARKSIDE® PKS 1500 B3 Miter Saw (with pre-assembled Ø 210 mm / 48 teeth saw blade)
- 1 x Dust Collection Bag
- 1 x Tool for Saw Blade Change

- 1 x Tool for Adjusting Workpiece Stop
- 2 x Replacement Carbon Brushes
- 1 x User Manual (this document)



Image: The PARKSIDE PKS 1500 B3 Miter Saw, shown with its included dust collection bag and various adjustment tools.

4. SETUP

4.1 Workbench Mounting

The miter saw is suitable for fixed workbench mounting to ensure stability during operation. Fastening material is not included. Use appropriate bolts and nuts to secure the saw to a sturdy workbench through the designated mounting holes on the base.

4.2 Dust Collection Bag Attachment

Attach the provided dust collection bag to the dust extraction port located at the rear of the saw. Ensure it is securely fastened to prevent dust leakage. For enhanced dust management, the saw can also be connected to an external dust extraction system.

4.3 Initial Blade Check

The saw blade comes pre-assembled. Before first use, ensure the blade is securely tightened and free from damage. Refer to section 6.1 for instructions on changing the saw blade if necessary.

5. OPERATING INSTRUCTIONS

5.1 Power Connection

Connect the power cord to a standard 230 Volt (AC) electrical outlet. Ensure the power switch is in the "OFF" position before plugging in the tool.

5.2 Adjusting Tilt Angle

The saw head can be continuously tilted from 0° to 45°. Loosen the tilt adjustment knob, set the desired angle using the angle scale, and then securely tighten the knob.

5.3 Adjusting Miter Angle

The miter angle can be adjusted continuously from -45° to +45°, or set to fixed angles. Release the miter lock, rotate the turntable to the desired angle, and then re-engage the lock.

5.4 Workpiece Fixation

Always use the clamping device and side support brackets to securely fix the workpiece before making a cut. This prevents movement during operation and ensures precise results.

5.5 Making a Cut

1. Ensure the workpiece is properly secured and the desired angles are set.
2. Switch on the saw using the power switch. Allow the blade to reach full speed (5000 RPM) before beginning the cut.
3. Slowly lower the saw blade into the workpiece, applying steady, even pressure.
4. Once the cut is complete, allow the blade to stop rotating before raising the saw head.
5. Disconnect the power when finished or before leaving the tool unattended.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your miter saw. Always disconnect the power plug before performing any maintenance.

6.1 Saw Blade Change

To change the saw blade:

1. Disconnect the saw from the power supply.
2. Use the provided tool to loosen the saw blade retaining bolt.
3. Carefully remove the old blade, noting its rotation direction.
4. Install the new blade, ensuring the teeth are oriented correctly for cutting.
5. Securely tighten the retaining bolt with the tool.

6.2 Carbon Brush Replacement

The motor uses carbon brushes that wear over time. Replace them when they are worn down to approximately 6mm or if the motor performance decreases. Two replacement carbon brushes are included.

6.3 Cleaning

After each use, clean the saw from dust and debris using a brush or compressed air. Do not use water or solvents. Regularly empty the dust collection bag.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power supply; Faulty power cord; Worn carbon brushes	Check power connection; Inspect power cord for damage; Replace carbon brushes (see 6.2)
Reduced cutting performance	Dull or damaged saw blade; Incorrect blade for material	Replace saw blade (see 6.1); Ensure correct blade type is used
Excessive vibration/noise	Loose saw blade; Damaged blade; Loose mounting bolts	Tighten saw blade; Replace damaged blade; Check and tighten mounting bolts
Excessive dust accumulation	Dust bag full or improperly attached; Dust extraction port blocked	Empty and reattach dust bag; Clear any blockages in the dust port

8. SPECIFICATIONS

Model: PARKSIDE® PKS 1500 B3

Power Consumption: 1500 W

No-load Speed: 5000 min⁻¹ (RPM)

Saw Blade Diameter: Ø 210 mm

Saw Blade Teeth: 48 teeth (pre-assembled)

Tilt Adjustment: 0° to 45°

Miter Adjustment: -45° to +45°

Max. Cutting Length: 120 mm

Max. Cutting Height: 60 mm (35 mm at 45° tilt)

Material: Aluminum (housing)

Dimensions (approx.): 40.5 x 43.5 x 30 cm

Weight (approx.): 6.6 kg

Power Source: Electric (230 Volt AC)

9. WARRANTY AND SUPPORT

For warranty claims, technical support, or spare parts, please contact the manufacturer or your local retailer. Keep your proof of purchase for warranty purposes. This product is manufactured by PARKSIDE®.

For further assistance, please refer to the contact information provided with your purchase documentation or visit the official PARKSIDE® website.