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› Parkside PZKS 2000 Radial Saw User Manual

PSIDE PZKS 2000

Parkside PZKS 2000 Radial Saw User Manual

Model: PZKS 2000 | Brand: Parkside

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Parkside PZKS 2000 Radial Saw. Please read this manual thoroughly before operating the tool to ensure safe and efficient use. Keep this manual for future reference.

General Safety Warnings

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and a dust mask.
- Ensure the workpiece is securely clamped before cutting.
- Keep hands clear of the cutting area and rotating blade.
- Disconnect the saw from the power supply before making any adjustments, changing accessories, or performing maintenance.
- Do not operate the saw in damp or wet conditions.
- Ensure the work area is well-lit and free of obstructions.
- Never bypass safety features or modify the tool.

2. PRODUCT OVERVIEW

The Parkside PZKS 2000 is a powerful radial saw designed for precise cutting of wood and plastic. Its robust construction and integrated features ensure high accuracy and user convenience.

Key Features:

- Integrated laser for enhanced cutting precision.
- Continuously inclinable saw head (0° to 45°).
- Continuously adjustable miter angle (-45° to +45°).
- Double-bearing guide rail for smooth operation.
- Two clamping devices and two lateral supports for workpiece stabilization.
- Easy-to-attach dust collection bag, with external dust extraction connection option.
- Suitable for fixed workbench mounting.



Figure 2.1: Overview of the Parkside PZKS 2000 Radial Saw, showing its main components including the saw head, base, and guide rails.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any shipping damage. Ensure all listed accessories are present: 1 pre-mounted saw blade, 1 dust collection bag, 1 blade change tool, 1 anti-tilt safety adjustment tool, 2 clamping devices.

3.2 Workbench Mounting (Optional)

For increased stability and safety, the saw can be permanently mounted to a workbench. Use appropriate fastening materials (not included) through the designated mounting holes in the saw's base. Ensure the workbench is stable and level.

3.3 Attaching the Dust Collection Bag

Locate the dust extraction port on the saw. Attach the provided dust collection bag securely to this port. For external dust extraction, connect a suitable vacuum system to this port.

3.4 Saw Blade Installation/Change

The saw comes with a pre-mounted blade. If changing the blade:

1. Disconnect the saw from the power supply.
2. Use the provided blade change tool to loosen the blade retaining screw.
3. Carefully remove the old blade, noting its rotation direction.
4. Install the new blade, ensuring the teeth are oriented correctly for cutting (usually indicated by an arrow on the blade and saw).
5. Tighten the retaining screw securely.

Note: Always use blades with a diameter of Ø 210 mm and suitable for the material being cut.

4. OPERATING INSTRUCTIONS

4.1 Power Connection

Connect the saw's power cable to a standard 230V AC power outlet. Ensure the power supply is stable and matches the saw's requirements.

4.2 Adjusting Miter Angle

To adjust the miter angle, loosen the locking knob on the saw's base. Rotate the turntable to the desired angle (from -45° to +45°), using the angle scale for precision. Tighten the locking knob firmly to secure the angle.

4.3 Adjusting Bevel Angle (Saw Head Inclination)

To adjust the bevel angle, loosen the inclination locking lever. Tilt the saw head to the desired angle (from 0° to 45°). Use the

angle scale for accurate setting. Securely tighten the locking lever.

4.4 Using the Laser Guide

The integrated laser projects a line onto the workpiece, indicating the precise cutting path. Activate the laser using its dedicated switch. Align the laser line with your marked cut line on the material for accurate cuts.

4.5 Securing the Workpiece

Always use the two provided clamping devices to firmly secure the workpiece against the fence and the saw base. Utilize the lateral supports for longer workpieces to prevent tipping and ensure stability during cutting.

4.6 Making a Cut

1. Ensure the workpiece is properly secured and the desired angles are set.
2. Lower the saw head slightly to check the laser line alignment with your mark.
3. Start the saw motor and allow it to reach full speed (4800 rpm) before engaging the material.
4. Slowly and steadily lower the saw blade through the workpiece. Do not force the cut.
5. Once the cut is complete, allow the blade to stop rotating before raising the saw head.
6. Remove the cut material and clear any debris.

Caution: Never attempt to cut freehand. Always use the clamping devices.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the saw to ensure optimal performance and longevity. Disconnect from power before cleaning.

- Empty the dust collection bag frequently.
- Use a brush or compressed air to remove sawdust and debris from the motor vents, blade guard, and guide rails.
- Wipe down external surfaces with a damp cloth. Do not use harsh chemicals.

5.2 Blade Care and Replacement

A sharp blade is crucial for safe and efficient cutting. Replace dull or damaged blades promptly. Refer to section 3.4 for blade replacement instructions.

5.3 Guide Rail Lubrication

Periodically apply a small amount of silicone-free lubricant to the double-bearing guide rails to ensure smooth sliding action.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start.	No power supply; faulty switch.	Check power connection and circuit breaker. If problem persists, contact qualified service personnel.
Poor cut quality / Blade binding.	Dull or incorrect blade; workpiece not secured; incorrect cutting speed.	Replace blade; ensure workpiece is firmly clamped; reduce feeding speed.
Laser line is dim or not visible.	Laser lens dirty; laser module faulty.	Clean laser lens. If still dim, contact service.
Excessive dust.	Dust bag full or improperly attached; external extraction not connected/working.	Empty and reattach dust bag. Check external dust extraction system.

For issues not listed here or if solutions do not resolve the problem, please contact Parkside customer support or a qualified service technician.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Model	PZKS 2000
Power Input	2000 W
No-load Speed	4800 rpm
Blade Diameter	Ø 210 mm / 24 teeth (pre-mounted)
Bevel Adjustment	0° to 45°
Miter Adjustment	-45° to +45°
Max. Cutting Length (0°)	340 mm
Max. Cutting Length (45°)	240 mm
Max. Cutting Height (0°)	65 mm
Max. Cutting Height (45°)	38 mm
Laser	Yes, for cut line preview
Materials	Die-cast aluminum, plastic, fiberglass
Dimensions (approx.)	73.5 x 70.5 x 32.5 cm (machine head in lower position)
Cable Length	2 m
Weight (approx.)	12.15 kg
Certification	CE

8. WARRANTY AND SUPPORT

This Parkside PZKS 2000 Radial Saw is covered by a manufacturer’s warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details.

For technical support, spare parts, or warranty claims, please contact Parkside customer service. Keep your purchase receipt as proof of purchase.

Note: Information regarding the availability of spare parts is currently unavailable.

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