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Parkside PHKS 1350 E4 Circular Saw User Manual

Model: PHKS 1350

PRODUCT OVERVIEW

The Parkside PHKS 1350 E4 is a powerful electric handheld circular saw designed for precise cutting in various materials such as solid wood, particle board, plastic, and light materials. It features a 1350 W motor, variable speed control for optimal performance, and an electronically regulated soft start for smooth operation. The intelligent power control ensures consistent performance, while continuously adjustable cutting depth and angle allow for versatile applications. For enhanced accuracy, the saw includes a parallel guide and a switchable laser. Its ergonomic design with a Softgrip handle and a dual-sided safety switch ensures comfortable and safe handling. The SPINDLE LOCK mechanism facilitates easy and quick saw blade changes.



Figure 1: Example of a Parkside tool carrying case. Please note that the actual circular saw is not shown in this image.

SAFETY INSTRUCTIONS

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings

- **Work Area Safety:** Keep 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. Do not abuse the cord. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. Always wear eye protection.
- **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 and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.

Specific Safety Warnings for Circular Saws

- **Cutting Procedure:** Hold the power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- **Kickback:** Avoid kickback. Kickback is a sudden reaction to a pinched, bound, or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator.
- **Blade Guard:** Always ensure the lower guard is closed before placing the saw on the workbench or floor. Never jam the lower guard open.
- **Blade Selection:** Use only saw blades with the correct size and bore. Ensure the blade is sharp and suitable for the material being cut.
- **Dust Extraction:** Connect dust extraction devices if provided. These devices can reduce dust-related hazards.

COMPONENTS AND INCLUDED ACCESSORIES

Main Components

- Circular Saw Unit
- Ergonomic Handle with Softgrip
- Safety Switch (dual-sided)
- Pendulum Protective Hood with Retraction Lever
- Cutting Depth Adjustment Mechanism
- Cutting Angle Adjustment Mechanism
- Spindle Lock Button
- Dust Extraction Port
- Switchable Laser Guide
- Power Cable (approx. 3 m)

Included Accessories

- 2 x Saw Blades (Ø 190 x Ø 20 mm)
 - 1 x 24-tooth blade (one pre-mounted)
 - 1 x 48-tooth blade
- 1 x Parallel Guide
- 1 x Allen Key (with integrated holder)
- 1 x Adapter for External Dust Extraction
- 2 x Batteries (for laser)

SETUP

Installing the Saw Blade

1. Ensure the saw is unplugged from the power source.
2. Press and hold the spindle lock button to secure the saw spindle.

3. Use the provided Allen key to loosen the blade retaining screw.
4. Carefully remove the old saw blade, noting the direction of rotation.
5. Place the new saw blade onto the spindle, ensuring the teeth point in the direction of rotation indicated by the arrow on the saw.
6. Tighten the blade retaining screw firmly with the Allen key while holding the spindle lock.
7. Release the spindle lock.

Adjusting Cutting Depth

1. Loosen the depth adjustment lever/knob.
2. Move the saw base up or down to achieve the desired cutting depth. The maximum cutting depth at 0° is 65 mm.
3. Tighten the depth adjustment lever/knob securely.

Adjusting Cutting Angle (Bevel)

1. Loosen the bevel adjustment lever/knob.
2. Tilt the saw base to the desired angle between 0° and 45°. The maximum cutting depth at 45° is 44 mm.
3. Tighten the bevel adjustment lever/knob securely.

Using the Parallel Guide and Laser

Insert the parallel guide into the designated slot on the saw base and secure it at the desired width for straight cuts. The switchable laser projects a line onto the workpiece, assisting in maintaining a straight cutting path. Ensure the laser batteries are installed correctly.

OPERATION

Before Starting

- Ensure the workpiece is securely clamped and stable.
- Verify that the saw blade is correctly installed and tightened.
- Adjust the cutting depth and angle as required for your material.
- Connect the saw to a suitable power outlet (230 V).
- If using, connect an external dust extraction system to the dust port.

Making a Cut

1. Hold the saw firmly with both hands, ensuring a secure grip on the Softgrip handle.
2. Position the saw blade just above the cutting line.
3. Press the safety switch and then the main trigger to start the saw. Allow the blade to reach full speed before engaging the workpiece.
4. Slowly guide the saw into the workpiece, maintaining a steady, even pressure. Do not force the saw.
5. The pendulum protective hood will retract automatically as the blade enters the material and close as it exits.
6. Once the cut is complete, release the trigger and allow the blade to stop completely before lifting the saw from the workpiece.

Variable Speed Control

The saw features variable speed control (2200-4700 rpm) to optimize cutting performance for different materials. Adjust the speed dial to the appropriate setting for the material you are cutting. Lower speeds are generally suitable for harder materials or when more control is needed, while higher speeds are for softer materials.

Soft Start and Intelligent Power Control

The electronically regulated soft start ensures a smooth and controlled start-up, reducing sudden jolts and increasing user comfort. The intelligent power control automatically adjusts power delivery to maintain consistent cutting performance under load.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your circular saw. Always unplug the tool from the power source before performing any maintenance.

Cleaning

- After each use, clean the saw thoroughly to remove dust, chips, and debris.
- Use a brush or compressed air to clear the ventilation slots and the area around the blade.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the pendulum protective hood moves freely and is not obstructed by debris.

Blade Replacement

Refer to the "Installing the Saw Blade" section under Setup for detailed instructions on how to safely replace the saw blade. Always use sharp, undamaged blades of the correct size (Ø 190 x Ø 20 mm bore) for optimal performance and safety.

Storage

Store the circular saw in a clean, dry place, out of reach of children. If possible, store it in its original packaging or a suitable carrying case to protect it from dust and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start.	No power supply; Safety switch not engaged; Faulty power cord/plug.	Check power connection; Ensure safety switch is pressed before trigger; Inspect cord for damage, contact qualified electrician if needed.
Blade not cutting efficiently or binding.	Dull or incorrect blade; Incorrect cutting depth/angle; Workpiece not secured; Overheating.	Replace blade or use appropriate blade for material; Adjust depth/angle; Secure workpiece firmly; Allow tool to cool down.
Excessive vibration.	Loose blade; Damaged blade; Worn bearings.	Check blade tightness; Replace damaged blade; Contact service center for bearing issues.
Laser guide not working.	Dead batteries; Laser lens obstructed.	Replace laser batteries; Clean laser lens.

TECHNICAL SPECIFICATIONS

Parameter	Value
Model	PHKS 1350 E4
Power Consumption	1350 W
No-Load Speed	2200 – 4700 rpm
Saw Blade Diameter	Ø 190 mm
Saw Blade Bore	Ø 20 mm
Cutting Angle	0° – 45°
Max. Cutting Depth (0°)	65 mm
Max. Cutting Depth (45°)	44 mm
Power Cable Length	Approx. 3 m
Weight (with 24-tooth blade)	Approx. 4.145 kg
Material	Aluminum, Plastic

WARRANTY AND SUPPORT

This Parkside product comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, spare parts, or warranty claims, please contact the Parkside customer service or your authorized dealer. Keep your proof of purchase for any warranty-related inquiries. For further assistance, you may visit the official Parkside website or contact their support line, details of which can

typically be found in the product packaging or on the manufacturer's website.

