

PARKSIDE PHSA 20-Li

PARKSIDE PHSA 20-Li Cordless Hedge Trimmer

USER MANUAL

1. SAFETY INSTRUCTIONS

Always read and understand this entire manual before operating the hedge trimmer. Failure to follow all instructions may result in electric shock, fire, and/or serious injury.

- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, heavy-duty gloves, and sturdy footwear when operating the hedge trimmer.
- **Keep bystanders away:** Ensure that other people and pets are kept at a safe distance (at least 15 meters / 50 feet) from the work area.
- **Inspect the work area:** Before starting, check the hedge for foreign objects such as wires, fences, or hidden obstacles that could damage the blade or cause kickback.
- **Maintain a firm grip:** Always hold the hedge trimmer firmly with both hands during operation.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before inserting the battery pack or carrying the tool.
- **Use the correct battery:** This appliance is compatible with all batteries from the PARKSIDE X 20 V Team series. Do not use other battery types.
- **Do not operate in wet conditions:** Avoid using the hedge trimmer in rain or damp environments to prevent electric shock.
- **Disconnect battery before maintenance:** Always remove the battery pack before cleaning, servicing, or storing the hedge trimmer.

2. PRODUCT OVERVIEW

Components

The PARKSIDE PHSA 20-Li Cordless Hedge Trimmer is designed for efficient and comfortable hedge trimming. Key components include:

- **Laser-Cut Blade:** High-quality, precision-ground blade for clean cuts.
- **Front Handle:** Ergonomic handle for comfortable two-hand operation.
- **Rear Handle with Softgrip:** Provides a secure and comfortable grip, reducing fatigue.
- **Two-Hand Safety Switch:** Requires both hands to activate for enhanced safety.
- **Blade Guard:** Protective cover for the blade when not in use.
- **Integrated Wall Suspension:** For space-saving storage.



Figure 2.1: Overall view of the PARKSIDE PHSA 20-Li Cordless Hedge Trimmer, showing the main body, handles, and laser-cut blade.



Figure 2.2: Front view of the hedge trimmer, highlighting the front handle and blade.



Figure 2.3: Side view of the hedge trimmer, showing the ergonomic design and blade length.



Figure 2.4: Back view of the hedge trimmer, illustrating the rear handle and battery compartment area.

Features

- High-quality laser-cut blade with aluminum rail and impact protection.
- Two-hand safety switch with quick-stop blade function for immediate blade halt.
- Ergonomic design with non-slip Softgrip system for comfortable handling.
- Integrated suspension for convenient and space-saving wall mounting.
- Robust blade protection cover included for safe storage.

3. SETUP

Battery Installation and Removal

The PARKSIDE PHSA 20-Li hedge trimmer is sold without a battery or charger. It is compatible with all batteries from the PARKSIDE X 20 V Team series.

1. **To install the battery:** Align the battery pack with the battery slot on the rear of the hedge trimmer. Slide the battery into the slot until it clicks securely into place. Ensure it is fully seated.
2. **To remove the battery:** Press the battery release button (if present) and slide the battery pack out of the slot.



Figure 3.1: Example of a PARKSIDE X 20 V Team series battery and charger. Please note that the hedge trimmer is supplied without these accessories, and they must be purchased separately.

Blade Guard Handling

The hedge trimmer comes with a robust blade protection cover for safety during transport and storage.

1. **To remove the blade guard:** Grasp the blade guard firmly and slide it off the blade in the direction indicated by any arrows or markings.
2. **To install the blade guard:** Slide the guard onto the blade, ensuring it covers the entire cutting edge. It should fit snugly to prevent accidental exposure of the blade.



Figure 3.2: The blade protection cover, essential for safe handling and storage of the hedge trimmer.

4. OPERATING INSTRUCTIONS

Starting and Stopping the Hedge Trimmer

The PARKSIDE PHSA 20-Li features a two-hand safety switch system to prevent accidental starting.

1. **To start:** Ensure the battery is securely inserted. Grasp both the front handle and the rear handle firmly. Simultaneously depress the safety switch on the front handle and the trigger switch on the rear handle. The blade will begin to move.
2. **To stop:** Release either the front safety switch or the rear trigger switch. The quick-stop blade function will rapidly halt the blade's movement.

Cutting Techniques

For optimal results and safety, follow these cutting guidelines:

- **Maintain balance:** Always stand on a stable surface and maintain good balance while operating.
- **Even strokes:** Use long, sweeping motions to cut the hedge evenly. For vertical surfaces, move the trimmer in an arc. For horizontal surfaces, hold the trimmer slightly tilted to direct clippings away.
- **Avoid overreaching:** Do not overreach or cut above shoulder height. Use a stable ladder if necessary.
- **Cut small branches:** The maximum branch diameter for this trimmer is approximately 12 mm. Do not attempt to cut thicker branches, as this can damage the blade or motor.
- **Work in sections:** For large hedges, work in manageable sections, taking breaks as needed.



Figure 4.1: Proper technique for trimming a hedge, demonstrating a controlled and balanced approach.



Figure 4.2: A user demonstrating the use of the hedge trimmer for precise cutting, highlighting the ergonomic design.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hedge trimmer.

Cleaning

- **After each use:** Remove the battery pack. Use a stiff brush or a damp cloth to remove sap, leaves, and debris from the blade and housing.
- **Do not use harsh chemicals:** Avoid using solvents or abrasive cleaners, as they can damage plastic parts.
- **Lubricate the blade:** After cleaning, apply a light machine oil or blade lubricant to the cutting edges to prevent rust and ensure smooth operation.

Blade Care

- **Inspect for damage:** Regularly check the blade for any signs of damage, such as bends, cracks, or dullness. A damaged blade can be dangerous and reduce cutting efficiency.
- **Sharpening:** If the blade becomes dull, it can be professionally sharpened. Do not attempt to sharpen the blade yourself unless you have the proper tools and expertise.

- **Replacement:** If the blade is severely damaged, it should be replaced by an authorized service center.

Storage

- **Clean and lubricate:** Before long-term storage, ensure the hedge trimmer is thoroughly cleaned and the blade is lubricated.
- **Install blade guard:** Always place the blade protection cover over the blade before storing.
- **Store in a safe place:** Store the hedge trimmer in a dry, secure location, out of reach of children and away from direct sunlight or extreme temperatures.
- **Utilize integrated suspension:** The integrated wall suspension allows for convenient, space-saving storage by hanging the tool on a wall hook.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Hedge trimmer does not start.	Battery not inserted correctly or discharged. Safety switch not fully engaged.	Ensure battery is fully inserted and charged. Make sure both safety switch and trigger are simultaneously pressed.
Poor cutting performance.	Dull or dirty blade. Attempting to cut branches too thick.	Clean and lubricate the blade. Have the blade sharpened if necessary. Only cut branches within the specified diameter (max. 12 mm).
Excessive vibration.	Damaged or bent blade. Loose components.	Inspect the blade for damage; replace if necessary. Check all screws and fasteners for tightness.
Tool stops during operation.	Battery overheated or discharged. Overload protection activated.	Allow battery to cool down. Recharge battery. Reduce cutting load.

7. SPECIFICATIONS

Technical data for the PARKSIDE PHSA 20-Li Cordless Hedge Trimmer:

Specification	Value
Model Number	PHSA 20-Li
No-load Speed	1300 rpm
Cutting Length	Approx. 52 cm (20.1 inches)

Specification	Value
Max. Branch Diameter	Approx. 12 mm
Product Dimensions (L x W x H)	98 x 24 x 20 cm
Weight	3.17 kg
Power Source	Battery-powered (PARKSIDE X 20 V Team series)
Blade Material	Alloy Steel
Manufacturer	HKM Akku Technik

8. WARRANTY AND SUPPORT

This PARKSIDE product is manufactured with care and undergoes strict quality controls. While specific warranty details are not provided in this manual, PARKSIDE typically offers a manufacturer's warranty for its products.

- **Warranty Claims:** In the event of a defect, please retain your proof of purchase (receipt) and contact the retailer or the PARKSIDE customer service for assistance.
- **Technical Support:** For technical questions, spare parts, or service requests, please refer to the contact information provided with your purchase documentation or visit the official PARKSIDE website.
- **Original Parts:** Always use original PARKSIDE spare parts and accessories to ensure product safety and maintain warranty validity.