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› [Kärcher](#) /

› [Kärcher 18 V PHG 18-45 Pole Hedge Trimmer User Manual](#)

Kärcher PHG 18-45

Kärcher 18 V PHG 18-45 Pole Hedge Trimmer User Manual

Model: PHG 18-45

1. INTRODUCTION

The Kärcher 18 V PHG 18-45 Pole Hedge Trimmer is a battery-powered tool designed for efficient and comfortable trimming of hedges and shrubs, particularly in elevated or hard-to-reach areas. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your device. Please read these instructions thoroughly before first use and keep them for future reference.



Image 1.1: The Kärcher 18 V PHG 18-45 Pole Hedge Trimmer, showing the main unit and the detachable extension rod.

2. SAFETY INSTRUCTIONS

WARNING: Read 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.

2.1 General Power Tool Safety

- Always wear appropriate personal protective equipment, including eye protection, gloves, and sturdy footwear.
- Keep children and bystanders away while operating the tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

- Avoid unintentional starting. Ensure the switch is in the off-position before connecting to a battery pack, picking up or carrying the tool.

2.2 Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer.
- Use power tools only with specifically designated battery packs.
- When battery pack is not in use, keep it away from other metal objects.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact.

2.3 Hedge Trimmer Specific Safety

- Keep all parts of the body away from the cutter blade. Do not attempt to remove cut material or hold material to be cut when blades are moving.
- Carry the hedge trimmer by the handle with the cutter blade stopped.
- Before use, inspect the hedge for foreign objects such as wires or cables.
- Do not use the hedge trimmer in the rain or in damp conditions.
- When working at height, ensure stable footing and be aware of falling debris.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged. If any parts are missing or damaged, contact your retailer.

- Kärcher PHG 18-45 18V Pole Hedge Trimmer (main unit with cutting head)
- Extension Rod
- Shoulder Strap
- Cutting Sweeper
- Blade Tip Protection

Note: The 18V battery and charger are not included and must be purchased separately.

4. SETUP

4.1 Attaching the Extension Rod

1. Align the extension rod with the main unit's connection point.
2. Push the rod firmly until it clicks into place.
3. Secure the connection using the screw-on fasteners provided. Ensure it is tightly fastened to prevent movement during operation.



Image 4.1: The Kärcher PHG 18-45 Pole Hedge Trimmer fully assembled with the extension rod and shoulder strap.

4.2 Inserting the Battery

1. Ensure the trimmer is switched off.
2. Slide a fully charged Kärcher 18V battery pack into the battery compartment until it locks securely.
3. To remove, press the release button and slide the battery out.



Image 4.2: A hand demonstrating the insertion of an 18V battery into the tool's handle.

4.3 Attaching the Shoulder Strap

Attach the shoulder strap to the designated attachment points on the extension rod. Adjust the strap length for comfortable weight distribution, reducing strain on your arms and shoulders during extended use.

4.4 Adjusting the Cutting Head

The cutting head can be adjusted to 4 levels within a 115° interval. This allows for precise trimming of hedges with various contours. Refer to the markings on the cutting head for specific angle adjustments.

5. OPERATING INSTRUCTIONS

5.1 Pre-Operation Checks

- Ensure the battery is fully charged.
- Check that the extension rod and cutting head are securely fastened.
- Inspect the blade for any damage or debris.
- Clear the work area of any obstacles or foreign objects.
- Wear all recommended personal protective equipment.

5.2 Starting and Stopping the Trimmer

The trimmer features a safety ignition to prevent unintentional starting. To start, press the safety lock-off button and then squeeze the trigger switch. Release the trigger switch to stop the trimmer.

5.3 Trimming Techniques

Hold the trimmer firmly with both hands, utilizing the shoulder strap for support. Move the trimmer in a smooth, sweeping motion. For optimal results, cut small amounts at a time. The diamond cutting blade, with a length of 45 cm, provides precise cuts.



Image 5.1: A close-up view of the trimmer's blade actively cutting through hedge foliage.

5.4 Using the Sawing Function

For thicker branches, the trimmer includes a sawing function. Position the blade to engage the sawing teeth on the branch and apply steady pressure. Do not force the blade.

5.5 Working with the Telescopic Extension

The telescopic extension allows you to reach heights of up to 4 meters. When working with the extension, maintain a balanced stance and be mindful of the increased leverage and weight.



Image 5.2: A user operating the pole hedge trimmer to trim the top of a tall hedge, demonstrating its extended reach.



Image 5.3: A woman using the Kärcher pole hedge trimmer to shape a tall, dense hedge in a garden setting.



Image 5.4: A user trimming the side of a hedge, reaching into the foliage with the extended trimmer.



Image 5.5: A woman demonstrating the use of the pole hedge trimmer for shaping the side of a hedge, showing the ergonomic design.

5.6 Using the Cutting Sweeper

The integrated cutting sweeper helps direct cut material to the ground, preventing it from falling back onto the hedge. This facilitates easier cleanup after trimming.

6. MAINTENANCE

6.1 Blade Care

- After each use, clean the blades of sap and debris using a stiff brush and a suitable cleaning agent.
- Regularly lubricate the blades with a light machine oil to ensure smooth operation and prevent rust.
- If the blades become dull, they can be sharpened by a qualified service technician.
- Always reattach the blade tip protection when the tool is not in use.

6.2 General Cleaning and Storage

- Wipe down the tool's housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the trimmer in a dry, secure location, out of reach of children.

- The clamping ring allows for space-saving storage.
- Remove the battery pack before storing the tool for extended periods.

6.3 Battery Care

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store fully discharged batteries for long periods. Charge them periodically.
- Refer to the battery manufacturer's instructions for specific charging and storage guidelines.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly or discharged	Ensure battery is fully inserted. Charge battery if necessary.
Trimmer does not start	Safety ignition not engaged	Press the safety lock-off button before squeezing the trigger.
Poor cutting performance	Dull or dirty blades	Clean and lubricate blades. Consider professional sharpening if blades are dull.
Poor cutting performance	Attempting to cut branches too thick	Use the sawing function for thicker branches, or use an alternative cutting tool for very thick material.
Excessive vibration	Loose components or damaged blade	Check all connections for tightness. Inspect blade for damage. If problem persists, discontinue use and contact service.

8. SPECIFICATIONS

Brand	Kärcher
Model Number	1.444-210.0 (PHG 18-45)
Power Source	Battery Powered (Kärcher 18V Battery Platform)
Blade Length	45 cm (18 inches)
Cutting Width	45 cm
Blade Material	Diamond
Speed	500 RPM
Item Weight	5.6 kg (12.32 pounds)
Product Dimensions (L x W x H)	114.57 x 4.8 x 9.45 inches
Material	Plastic (housing)
Cutting Head Adjustment	4 levels, 115° interval

Max. Reach with Extension

Up to 4 meters

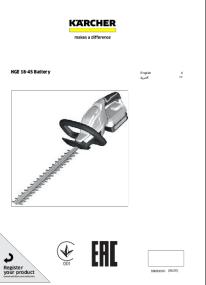
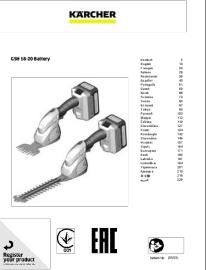
9. WARRANTY AND SUPPORT

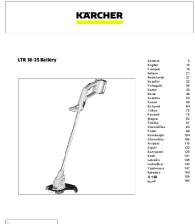
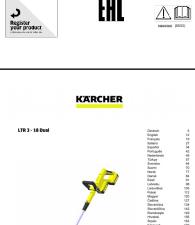
For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Kärcher website.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Kärcher customer support. Contact details can typically be found on the Kärcher website or on your product packaging.

[Visit Kärcher Official Website](#)

Related Documents - PHG 18-45

	<p>Kärcher HGE 18-45 Battery Hedge Trimmer User Manual Comprehensive user manual for the Kärcher HGE 18-45 Battery Hedge Trimmer, covering safety instructions, operation, maintenance, and technical data.</p>
	<p>Kärcher GSH 18-20 Battery Bedienungsanleitung Umfassende Anleitung zur sicheren und effektiven Nutzung der Kärcher GSH 18-20 Battery Gras- und Strauchscher. Enthält detaillierte Bedienungsanleitungen, Sicherheitshinweise, Wartungsrichtlinien und technische Daten für optimale Leistung und Langlebigkeit des Geräts.</p>
	<p>Kärcher LTR 18-30 Battery String Trimmer User Manual Comprehensive user manual for the Kärcher LTR 18-30 Battery string trimmer, covering safety instructions, operation, maintenance, and troubleshooting for optimal garden care.</p>
	<p>Kärcher LTR 18-30 Battery Set Cordless Grass Trimmer User Manual User manual for the Kärcher LTR 18-30 Battery Set Cordless Grass Trimmer, providing safety instructions, operating procedures, maintenance, and troubleshooting.</p>

 	<p>Kärcher LTR 18-25 Battery Grass Trimmer User Manual</p> <p>Comprehensive user manual for the Kärcher LTR 18-25 Battery Grass Trimmer, covering safety instructions, operation, maintenance, and technical specifications. Learn how to safely assemble, use, and care for your Kärcher grass trimmer.</p>
	<p>Bedienungsanleitung KÄRCHER LTR 3-18 Dual Akku-Rasentrimmer</p> <p>Umfassende Bedienungsanleitung für den KÄRCHER LTR 3-18 Dual Akku-Rasentrimmer. Enthält Sicherheitshinweise, Montageanleitungen, Bedienung, Wartung und technische Daten für den effizienten Einsatz.</p>