Masko 14145-23713-1

MASKO Professional Cordless Hedge Trimmer User Manual

Model: 14145-23713-1

1. Introduction

Thank you for choosing the MASKO Professional Cordless Hedge Trimmer. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new tool. Please read these instructions carefully before first use and keep them for future reference. This hedge trimmer is designed for trimming hedges, bushes, and shrubs in domestic environments.

2. General Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury.

2.1 Personal Safety

- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses or goggles, hearing protection, heavy-duty gloves, long trousers, and sturdy, non-slip footwear.
- **Stay alert:** Do not operate the hedge trimmer when you are tired, under the influence of drugs, alcohol, or medication.
- **Avoid accidental starting:** Ensure the switch is in the off position before connecting to a battery pack, picking up, or carrying the appliance.
- **Maintain proper footing and balance:** Do not overreach. Always keep proper footing and balance for better control of the power tool in unexpected situations.

2.2 Electrical Safety

- **Battery care:** Use only the specified battery pack and charger. Do not modify the battery pack or charger.
- **Charging environment:** Charge the battery in a well-ventilated area. Do not charge in damp or wet conditions.
- **Avoid short circuits:** Do not short-circuit the battery terminals.

2.3 Operating Safety

- **Inspect the work area:** Before starting, check the area for foreign objects such as wires, fences, or other debris that could be caught in the blades.
- **Keep bystanders away:** Ensure children, pets, and other people are kept at a safe distance (at least 15 meters) from the operating area.
- **Two-hand safety system:** This hedge trimmer is equipped with a two-hand safety switch. Both hands must be on the handles for the trimmer to operate, minimizing the risk of accidental injury.
- **Hold firmly:** Always hold the hedge trimmer with both hands firmly during operation.
- **Do not force the tool:** Allow the blades to cut at their own pace. Forcing the tool can lead to overheating or damage.
- **Blade contact:** Never touch the blades while the tool is running.
- **Transport and storage:** Always fit the blade cover when transporting or storing the hedge trimmer.

3. Product Components

Familiarize yourself with the main parts of your MASKO Professional Cordless Hedge Trimmer.

- Hedge Trimmer Unit
- Lithium-ion Battery (21V 3.0 Ah)
- Battery Charger
- Blade Cover
- User Manual



Figure 1: Overview of the MASKO Professional Cordless Hedge Trimmer, showing the main unit, battery, and charger.



Figure 2: Detailed view illustrating the hedge trimmer's dimensions (98 cm length, 62 cm blade length) and included accessories like the battery, charger, and blade cover.

4. Setup

4.1 Unpacking

Carefully remove all components from the packaging. Inspect the tool for any damage that may have occurred during shipping. Do not dispose of packaging materials until you have confirmed all parts are present and the tool is functioning correctly.

4.2 Battery Charging

The lithium-ion battery is not fully charged upon delivery. Fully charge the battery before first use to ensure optimal performance and battery life.

1. Connect the charger to a standard power outlet (200-260 V ~ 50-60 Hz).

2. Insert the battery pack into the charger. Ensure it clicks securely into place.
3. The charging indicator on the charger will show the charging status. A full charge typically takes approximately 0.5 hours.
4. Once fully charged, remove the battery from the charger.



Figure 3: Illustration showing the lithium-ion battery being charged, highlighting the rapid charging time of approximately 0.5 hours.

4.3 Battery Installation and Removal

- **Installation:** Align the battery pack with the battery slot on the hedge trimmer. Slide the battery into the slot until it clicks into place. Ensure it is securely fastened.
- **Removal:** Press the battery release button (if present) and slide the battery pack out of the tool.

5. Operation

5.1 Starting and Stopping the Hedge Trimmer

- **Starting:** This hedge trimmer features a two-hand safety system. To start, you must simultaneously press both the front handle switch and the rear handle trigger.
- **Stopping:** Release either the front handle switch or the rear handle trigger to stop the blades.



Figure 4: Demonstrates the two-hand safety system in use, requiring both hands on the handles for operation.

5.2 Cutting Techniques

- **General trimming:** Hold the hedge trimmer firmly with both hands. Move the trimmer in a smooth, sweeping motion along the hedge.
- **Top trimming:** For flat tops, hold the trimmer level and move it steadily across the top of the hedge.
- **Side trimming:** For vertical sides, hold the trimmer at a slight angle to achieve a tapered cut, which allows more light to reach the lower parts of the hedge.
- **Thick branches:** The diamond-cut double blade is designed for efficient cutting of bushes and shrubs up to 13 mm in thickness. Do not attempt to cut branches thicker than the maximum cutting capacity.



Figure 5: Close-up view of the SK5 steel diamond-cut double blade, designed for efficient and effortless cutting.

5.3 Adjustable Handle Use

The hedge trimmer features an adjustable handle for improved ergonomics and comfort during various cutting angles. To adjust the handle, locate the adjustment mechanism (typically a button or lever) and rotate the handle to the desired position. Ensure it locks securely before resuming operation.



Figure 6: Illustration demonstrating the 90-degree swivel handle for comfortable operation at different angles.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your hedge trimmer.

6.1 Cleaning

- **After each use:** Disconnect the battery pack. Use a stiff brush or cloth to remove debris, leaves, and sap from the blades and housing.
- **Blade cleaning:** For stubborn sap, use a specialized blade cleaner or a mild detergent solution. Never use harsh chemicals or abrasive materials.
- **Drying:** Ensure all parts are thoroughly dry before storage or next use.

6.2 Blade Care

- **Lubrication:** Periodically apply a light machine oil or blade lubricant to the cutting blades to reduce friction and

prevent rust.

- **Sharpening:** If the blades become dull, they can be professionally sharpened. Do not attempt to sharpen them yourself unless you have the proper tools and expertise.
- **Inspection:** Regularly inspect the blades for damage, cracks, or excessive wear. Replace damaged blades immediately.

6.3 Storage

- **Blade cover:** Always fit the blade cover over the blades before storing.
- **Location:** Store the hedge trimmer in a dry, secure place, out of reach of children and away from direct sunlight or extreme temperatures.
- **Battery storage:** Store the battery pack separately from the tool, in a cool, dry place, partially charged (around 50%).
- **Hanging device:** Utilize the integrated hanging device for convenient and safe storage, saving space and preventing tripping hazards.



Figure 7: The hedge trimmer stored securely on a wall using its practical integrated hanging device, with a blade cover for protection.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Hedge trimmer does not start.	Battery not charged or not properly inserted. Two-hand safety switch not engaged.	Ensure battery is fully charged and securely inserted. Press both front and rear switches simultaneously.
Blades are dull or not cutting effectively.	Blades are dirty or damaged. Blades need sharpening.	Clean blades thoroughly. Lubricate blades. Have blades professionally sharpened or replaced.
Tool stops during operation.	Battery is depleted. Overload protection activated.	Recharge the battery. Reduce cutting load; avoid cutting branches thicker than specified.
Excessive vibration or noise.	Loose components. Damaged blades.	Check for and tighten any loose screws or parts. Inspect blades for damage and replace if necessary.

8. Specifications

Technical data for the MASKO Professional Cordless Hedge Trimmer.

Feature	Specification
Model Number	14145-23713-1
Power Source	Battery Powered
Battery Type	Lithium-ion
Battery Voltage	21 V
Battery Capacity	3.0 Ah (2000 mAh mentioned in description)
Charger Input Voltage	200-260 V ~ 50-60 Hz
Charger Output	21 V DC, 3 A
Charging Time	Approx. 0.5 hours
Blade Material	SK5 Steel (Diamond-cut)
Milling Rail Length	620 mm
Cutting Length	550 mm (57 cm)
Tooth Spacing	18 mm
Max. Cutting Thickness	13 mm
Cuts per Minute	2200

Feature	Specification
Sound Power Level (LWA)	84.8 dB
Weight	2.4 kg
Product Dimensions (L x W x H)	98 x 19 x 20 cm

9. Disposal

Do not dispose of electrical appliances or batteries with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Improper disposal of batteries can harm the environment and human health.

10. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

© 2024 MASKO. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question