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> MZX 3-in-1 20V Pole Mini Hedge Trimmer & Grass Shear Instruction Manual (Model SG2210)

MZX SG2210

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Your comprehensive guide to safe and effective operation.

1. INTRODUCTION

Thank you for choosing the MZX 3-in-1 20V Pole Mini Hedge Trimmer & Grass Shear. This versatile tool is designed for efficient garden maintenance, offering the functionality of a hedge trimmer, grass shear, and a high-reach pruner with its extension pole. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your device. Please read it thoroughly before first use and retain it for future reference.

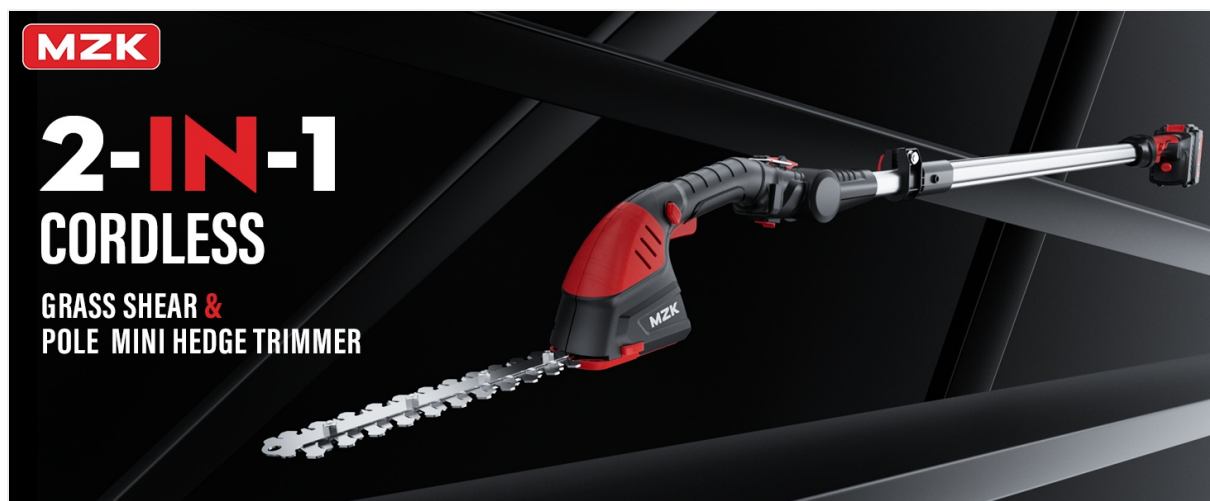


Image 1.1: The MZX 2-in-1 Cordless Grass Shear & Pole Mini Hedge Trimmer, showcasing its dual functionality and extended reach capability.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating this power tool.

- **Read the entire manual:** Understand all instructions before operating the tool.

- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, gloves, long pants, and sturdy footwear.
- **Keep work area clear:** Ensure the area is free from debris, children, and pets.
- **Avoid dangerous environments:** Do not use in wet or damp conditions.
- **Inspect the tool:** Before each use, check for damaged parts, loose components, or any other condition that may affect its safe operation.
- **Battery safety:** Use only the specified battery and charger. Do not expose batteries to extreme temperatures or water.
- **Maintain a firm grip:** Always hold the tool with both hands when operating, especially with the extension pole.
- **Disconnect power:** Always remove the battery pack before making adjustments, changing accessories, or storing the tool.
- **Blade safety:** Blades are sharp. Handle with care. Never touch blades while the tool is running.
- **Overhead power lines:** Be aware of overhead power lines when using the extension pole. Maintain a safe distance.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any parts are missing or damaged, contact customer support.

- Main Power Unit (with battery slot)
- Hedge Trimmer Blade (8-inch)
- Grass Shear Blade (5-inch)
- Extension Pole (up to 13ft reach)
- 20V 2Ah Lithium-Ion Battery
- Battery Charger
- Instruction Manual



Image 3.1: All components included in the MZK 3-in-1 20V Pole Mini Hedge Trimmer & Grass Shear package.

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts of your MZK 3-in-1 tool.

1. **Main Power Unit:** Houses the motor and battery.
2. **Hedge Trimmer Blade:** 8-inch dual-action steel blade for shrubs and hedges.
3. **Grass Shear Blade:** Shorter blade for grass trimming.
4. **Extension Pole:** Allows for extended reach, up to 13 feet.
5. **Articulated Head:** Adjustable to 7 positions for various cutting angles (140° range).
6. **Safety Switch:** Prevents accidental starting.
7. **ON/OFF Switch:** Activates the tool.
8. **Blade Release Button:** For quick and easy blade changes.



Image 4.1: The two interchangeable blades: the long blade for shrubs and hedges (7.8 inches long, 2.9 inches wide) and the short blade for grass (2.4 inches wide, 3.9 inches high).



Image 4.2: Illustrates the 5-inch blade width for the grass trimmer and the 8-inch blade length for the hedge trimmer.

5. ASSEMBLY AND SETUP

5.1 Attaching/Changing Blades

1. Ensure the battery is removed from the main power unit.
2. Locate the blade release button on the main power unit.
3. Press the release button firmly.
4. Carefully remove the currently attached blade (if any).
5. Align the desired blade (hedge trimmer or grass shear) with the attachment point on the main unit.
6. Push the blade firmly into place until it clicks, indicating it is securely locked.



Image 5.1: Visual guide for the blade changing process, highlighting the release button and secure attachment.

5.2 Attaching the Extension Pole

1. Ensure the main power unit has a blade attached and the battery is removed.
2. Align the connection point of the main power unit with the top end of the extension pole.
3. Push the main unit onto the pole until it locks securely.
4. To adjust the length of the extension pole, loosen the locking collar, extend or retract the pole to the desired length, and then tighten the collar firmly.

6. BATTERY CHARGING AND INSTALLATION

6.1 Charging the Battery

- Connect the charger to a standard electrical outlet.
- Insert the 20V Lithium-Ion battery into the charger.
- The indicator light on the charger will show the charging status (refer to charger manual for specific light patterns).
- A full charge typically takes [X hours - *information not provided, user should refer to charger manual*].
- Do not overcharge the battery. Remove it once fully charged.



Image 6.1: The 20V Lithium-Ion battery, providing up to 60 minutes of runtime with a 2.0Ah capacity.

6.2 Installing the Battery

1. Ensure the tool is switched off.
2. Slide the fully charged battery pack into the battery slot on the main power unit until it clicks into place.
3. To remove the battery, press the battery release button and slide the battery out.

7. OPERATING INSTRUCTIONS

7.1 Starting and Stopping the Tool

The tool features a safety switch to prevent accidental activation.

1. To start: Press and hold the safety switch, then press the ON/OFF switch.
2. To stop: Release the ON/OFF switch.



Image 7.1: Location of the safety switch and ON/OFF switch for quick and easy starting.

7.2 Using the Hedge Trimmer

- Attach the 8-inch hedge trimmer blade.
- **Adjusting the Articulated Head:** The head can be adjusted to 7 positions, offering a 140° range. Press the head adjustment button and rotate the head to the desired angle, then release to lock.
- Hold the tool firmly with both hands.
- Begin trimming by moving the blade steadily along the hedge. The 1/2-inch cutting capacity is suitable for most common hedge branches.
- Avoid forcing the blade through thick branches. If resistance is met, reposition or use a different tool for larger cuts.



Image 7.2: The 8-inch dual action hardened steel blade provides smooth cutting with reduced vibration.



Image 7.3: The 7-position articulated head allows for flexible cutting angles up to 140 degrees.

7.3 Using the Grass Shear

- Attach the grass shear blade.
- Hold the tool comfortably. The ergonomic handle provides a secure grip.
- Move the shear along the edges of lawns or around obstacles to trim grass.
- Avoid contact with hard objects like stones or metal to prevent blade damage.



Image 7.4: Demonstrates the tool's versatility in both hedge trimming (approx. 50 minutes runtime) and grass trimming (approx. 100 minutes runtime) modes.

7.4 Using the Extension Pole

- Attach the main power unit (with desired blade) to the extension pole as described in Section 5.2.
- Extend the pole to the required length, ensuring it is securely locked.
- Maintain balance and a firm grip on the pole.
- Be mindful of your surroundings, especially overhead obstacles and power lines, when operating the tool at extended reach.

8. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** After each use, remove the battery and clean the blades and tool body with a dry cloth. Remove any sap, leaves, or debris.
- **Blade Care:** Apply a light coat of machine oil to the blades after cleaning to prevent rust and ensure smooth operation.
- **Storage:** Store the tool in a dry, secure location out of reach of children. Ensure the battery is removed for long-term storage.

- **Battery Storage:** Store batteries in a cool, dry place. For long-term storage, charge the battery to approximately 50% capacity.

9. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and securely inserted. Press safety switch before ON/OFF switch.
Blades are not cutting effectively.	Blades are dull or dirty. Material is too thick.	Clean and lubricate blades. Sharpen or replace blades if dull. Do not attempt to cut material exceeding 1/2-inch diameter.
Tool stops during operation.	Battery is low. Overload protection activated.	Recharge battery. Reduce cutting load; allow tool to cool if it overheats.
Excessive vibration or noise.	Loose blade or damaged component.	Check blade attachment. If problem persists, discontinue use and contact customer support.

10. SPECIFICATIONS

- **Model:** SG2210
- **Brand:** MZK
- **Power Source:** 20V Battery Powered
- **Battery Type:** Lithium-Ion (2.0Ah included)
- **Hedge Trimmer Blade Length:** 8 inches
- **Hedge Trimmer Cutting Capacity:** 0.5 inches (1/2 inch)
- **Grass Shear Blade Width:** 5 inches
- **Extension Pole Reach:** Up to 13 feet
- **Articulated Head Adjustment:** 7 positions, 140° range
- **Blade Material:** Alloy Steel
- **Motor Speed:** Up to 1100 RPM (Efficient Copper Motor)
- **Product Dimensions:** 46.5"L x 5.9"W x 6.3"H (main unit without pole)
- **Item Weight:** 7.78 pounds

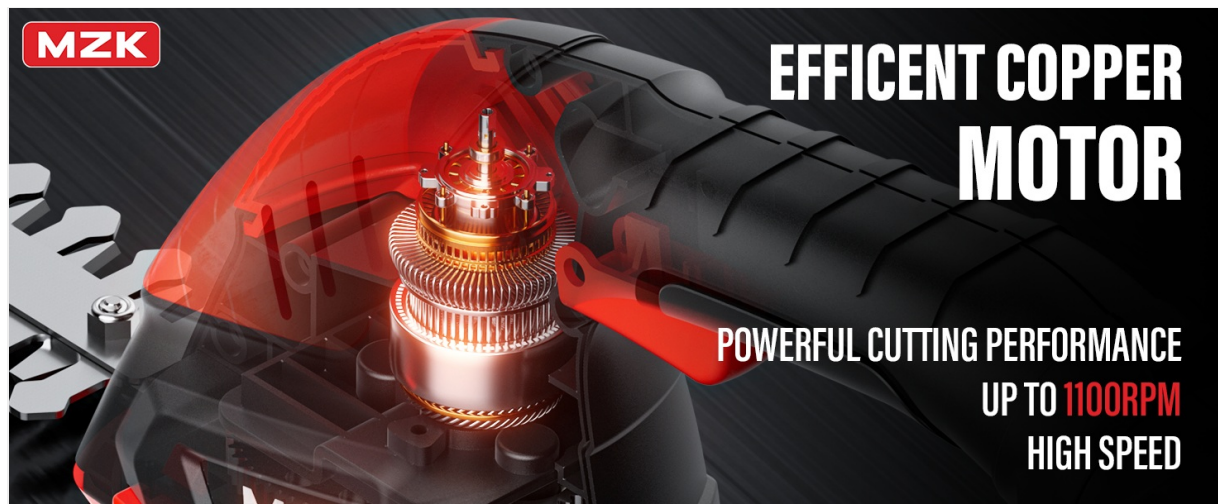


Image 10.1: The efficient copper motor provides powerful cutting performance with speeds up to 1100 RPM.

11. WARRANTY AND SUPPORT

MZK is committed to providing quality products. For warranty information, technical support, or to inquire about replacement parts, please refer to the warranty card included with your product or visit the official MZK website. Please have your model number (SG2210) and purchase date available when contacting support.

Online Support: [Visit the MZK Store on Amazon](#)