

EBERTH GW2-MS04

EBERTH 4-in-1 Gasoline Brush Cutter User Manual

Model: GW2-MS04

Brand: EBERTH

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your EBERTH 4-in-1 Gasoline Brush Cutter. This versatile tool combines a string trimmer, a 3-tooth blade brush cutter, a hedge trimmer, and a chainsaw attachment, powered by a 52CC 2-stroke gasoline engine. Please read this manual thoroughly before using the product and keep it for future reference.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, long pants, and sturdy footwear. A safety helmet is recommended for overhead work.
- **Fuel Handling:** Gasoline is highly flammable. Handle fuel in a well-ventilated area, away from open flames or sparks. Store fuel in approved containers.
- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from other people and objects.
- **Pre-Operation Check:** Before each use, inspect the tool for loose parts, damaged components, or fuel leaks. Do not operate a damaged tool.
- **Emergency Stop:** The brush cutter is equipped with an emergency stop button on the handle. Familiarize yourself with its location and function to immediately shut off the engine in case of an emergency.

- **Vibration:** Prolonged use may cause vibration-related injuries. Take regular breaks and use anti-vibration gloves if available.
- **Blade Guards:** Always ensure blade guards are correctly installed and in good condition to prevent debris projection and accidental contact with cutting attachments.

3. SETUP AND ASSEMBLY

The EBERTH 4-in-1 system allows for quick attachment changes. Follow these steps for initial assembly and attachment setup.

3.1. Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all parts are present and undamaged. Refer to the parts list in your packaging for a complete inventory.



Image: The EBERTH 4-in-1 Gasoline Brush Cutter showing the main power unit, extension pole, chainsaw attachment, hedge trimmer attachment, string trimmer head, and 3-tooth blade.

3.2. Assembling the Main Unit

1. Attach the handle to the main shaft, ensuring it is securely fastened at a comfortable operating position.
2. Connect the shoulder harness to the designated attachment point on the main shaft. Adjust the harness for a balanced and comfortable fit.



Image: A user demonstrating the proper way to wear the shoulder harness for balanced operation of the brush cutter.

3.3. Attaching Cutting Heads

To attach any of the cutting heads (string trimmer, 3-tooth blade, hedge trimmer, chainsaw), align the shaft of the attachment with the main power unit's shaft and secure it using the quick-release mechanism or coupling bolts as per the specific attachment's design. Ensure a tight and secure connection before operation.



Image: All components of the EBERTH 4-in-1 brush cutter laid out, illustrating the modular design for attaching different tools.

4. OPERATING INSTRUCTIONS

4.1. Fuel Mixture

This tool uses a 2-stroke gasoline engine. It requires a specific mixture of unleaded gasoline and 2-stroke engine oil. Refer to the engine manual or the fuel cap for the correct mixing ratio (typically 25:1 or 50:1, depending on the oil type). Use fresh fuel mixture only.

4.2. Starting the Engine

1. Place the unit on a flat, stable surface.
2. Ensure the ignition switch is in the 'ON' position.
3. Engage the choke (if cold start).
4. Press the primer bulb several times until fuel is visible.
5. Pull the starter cord firmly and smoothly until the engine starts.
6. Once started, disengage the choke gradually. Allow the engine to warm up for a few moments before

operating.



Image: A close-up view of a hand adjusting the engine, likely during the starting procedure or maintenance check.

4.3. Using the Attachments

Always hold the tool firmly with both hands and maintain a balanced stance. The ergonomic handles and shoulder harness are designed for comfortable and controlled operation.

- **String Trimmer:** Ideal for cutting grass and light weeds. Keep the trimmer head parallel to the ground and use a sweeping motion.



Image: A user operating the EBERTH brush cutter with the string trimmer attachment, cutting grass in a garden area.

- **3-Tooth Blade:** Suitable for thicker grass, dense weeds, and light brush. Use a steady, controlled motion. Ensure the blade guard is properly installed.



Image: A close-up view of the 3-tooth blade attachment cutting through dense vegetation.

- **Hedge Trimmer:** For shaping and trimming hedges and ornamental plants. The hedge trimmer can be angled up to 90° for horizontal trimming of tall hedges.



Image: A user operating the EBERTH brush cutter with the hedge trimmer attachment to trim a tall hedge.

- **Chainsaw:** For cutting branches and small trees. Always use two hands and be aware of kickback. Ensure the chain is properly tensioned and lubricated.



Image: A user operating the EBERTH brush cutter with the chainsaw attachment to cut a tree branch.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EBERTH brush cutter.

- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. Replace if damaged.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Fuel System:** Drain the fuel tank and carburetor if storing the unit for an extended period. Use a fuel stabilizer if necessary.
- **Cutting Attachments:** Keep all blades and chains sharp and free of debris. Lubricate moving parts as recommended.
- **General Cleaning:** After each use, clean the exterior of the unit and attachments to remove grass, dirt, and sap.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Engine does not start	No fuel, incorrect fuel mixture, clogged fuel filter, fouled spark plug, ignition switch OFF, choke not engaged/disengaged correctly.	Check fuel level and mixture. Clean/replace fuel filter. Clean/replace spark plug. Ensure ignition switch is ON. Adjust choke.
Engine runs poorly/lacks power	Incorrect fuel mixture, dirty air filter, fouled spark plug, carburetor issues.	Verify fuel mixture. Clean air filter. Clean/replace spark plug. Consult a service technician for carburetor adjustment.
Excessive vibration	Loose attachment, damaged blade/head, bent shaft.	Check all connections for tightness. Inspect cutting attachments for damage and replace if necessary. Contact service if shaft is bent.
Cutting attachment not spinning	Attachment not properly secured, clutch issue, obstruction.	Ensure attachment is fully engaged and secured. Clear any obstructions. If clutch issue, contact service.

7. SPECIFICATIONS

Feature	Detail
Model Number	GW2-MS04
Engine Type	2-stroke, Air-cooled, Gasoline
Displacement	52 CC
Power Output	2.2 kW (3 HP)
Max Speed	7500 rpm
Fuel Tank Capacity	1.2 Liters
Starting System	Pull Start
Weight (approx.)	7.5 kg (7500 Grams)
Dimensions (L x W x H)	7.62 x 2.54 x 0.03 cm (Product dimensions as listed, actual operational length varies with attachments and extension)
Attachments Included	String Trimmer, 3-Tooth Blade, Hedge Trimmer, Chainsaw
Color	Black, Silver, Red
Recommended Use	Green area maintenance, large green area mowing, hard weeds

8. WARRANTY AND SUPPORT

EBERTH products are designed for quality and reliability. In the event of a defect or if you require assistance, please contact the seller or EBERTH customer service. EBERTH offers repair services in Germany for defective devices, which are repaired quickly and reliably in their warehouse workshop and then returned to the customer free of charge. Please retain your proof of purchase for warranty claims.