

AL-KO BM 875 III

AL-KO BM 875 III Gasoline Scythe Mower Instruction Manual

Model: BM 875 III

1. INTRODUCTION

The AL-KO BM 875 III is a robust front-mounted gasoline scythe mower designed for efficient cutting of tall grass and dense vegetation. Featuring a 150cc engine and an 87cm working width, this machine is suitable for various terrains and areas up to 2000 square meters. Its design ensures universal use and easy maneuverability in rural fields. The ESM cutting bar, with special hardening and side protections, ensures precise and clean cuts. A tilting deflector prevents grass deposits on the housing, maintaining optimal performance.

2. SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating the scythe mower.

- Wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, sturdy footwear, and long pants.
- Ensure the work area is clear of bystanders, children, and pets.
- Inspect the mower for any damage or loose parts before each use.
- Never operate the mower under the influence of alcohol, drugs, or medication that may impair judgment.
- Refuel in a well-ventilated area with the engine off and cool. Avoid spilling fuel.
- Keep hands and feet away from the cutting bar while the engine is running.
- Turn off the engine and disconnect the spark plug wire before performing any maintenance or clearing blockages.
- Operate on slopes with extreme caution, moving across the face of slopes, not up and down.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged:

- AL-KO BM 875 III Scythe Mower unit
- Assembly kit (fasteners, tools, etc.)
- Operator's Manual

If any parts are missing or damaged, contact your AL-KO dealer immediately.

4. SETUP AND ASSEMBLY

The AL-KO BM 875 III requires assembly before first use. Refer to the included assembly kit and diagrams for detailed instructions.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Assembly:** Attach the handlebar assembly to the main unit using the provided bolts and nuts. Ensure all connections are secure.
3. **Wheel Installation:** Mount the wheels onto their respective axles, securing them with the appropriate pins or fasteners.
4. **Cutting Bar Attachment:** Connect the cutting bar to the front of the mower. Ensure it is properly aligned and securely fastened according to the assembly instructions.
5. **Fluid Checks:** Before starting, check engine oil levels and fill the fuel tank with fresh, unleaded gasoline. Refer to the engine manual for specific oil and fuel requirements.



Figure 4.1: Preparing the scythe mower for operation. Ensure all components are securely attached before use.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your AL-KO BM 875 III scythe mower.

1. **Starting the Engine:**
 - Ensure the fuel valve is open and the choke is set to the 'START' position (if applicable).
 - Set the throttle to a medium position.

- Pull the starter cord firmly until the engine starts.
- Once started, gradually move the choke to the 'RUN' position as the engine warms up.

2. **Engaging the Cutting Bar:** Once the engine is running smoothly, engage the cutting bar lever. The blades will begin to move.

3. **Mowing Technique:**

- Walk at a steady pace, allowing the mower to cut through the vegetation.
- Overlap each pass slightly to ensure an even cut.
- For very tall or dense grass, consider making two passes: one higher cut, then a lower cut.
- The front-mounted design allows for excellent visibility of the cutting area.

4. **Stopping the Engine:**

- Disengage the cutting bar.
- Reduce the engine speed to idle.
- Turn the engine switch to the 'OFF' position.



Figure 5.1: Operating the AL-KO BM 875 III scythe mower in tall grass. Maintain a firm grip on the handlebars.



Figure 5.2: The ESM cutting bar efficiently cuts through dense vegetation. Ensure the cutting bar is clear of debris.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scythe mower.

- **After Each Use:**

- Clean the cutting bar and housing of grass clippings and debris.
- Inspect the cutting bar for damage or dull blades.
- Check for loose fasteners and tighten as necessary.

- **Engine Maintenance (Refer to Engine Manual):**

- Check engine oil level before each use and change according to the manufacturer's schedule.
- Clean or replace the air filter regularly.
- Inspect and clean/replace the spark plug as recommended.
- Drain fuel for long-term storage or use a fuel stabilizer.

- **Cutting Bar Maintenance:**

- Sharpen or replace dull blades as needed. Always use genuine AL-KO replacement parts.
- Lubricate moving parts of the cutting bar as specified in the manual.

- **Storage:** Store the mower in a clean, dry, and well-ventilated area, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your AL-KO BM 875 III scythe mower.

Problem	Possible Cause	Solution
Engine does not start	No fuel, stale fuel, spark plug issue, choke setting incorrect	Check fuel level, use fresh fuel, inspect/clean/replace spark plug, adjust choke
Poor cutting performance	Dull blades, cutting bar clogged, incorrect mowing speed	Sharpen/replace blades, clear debris from cutting bar, reduce mowing speed
Excessive vibration	Loose components, bent cutting bar, unbalanced blades	Check and tighten all fasteners, inspect cutting bar for damage, replace bent blades
Engine loses power	Clogged air filter, low fuel, engine overheating	Clean/replace air filter, refuel, allow engine to cool

If you are unable to resolve an issue using this guide, please contact AL-KO customer support or an authorized service center.

8. SPECIFICATIONS

Feature	Detail
Brand	AL-KO
Model Number	BM 875 III
Power Source	Gasoline
Engine Displacement	150cc
Material	Steel Alloy
Color	Silver/Black/Red
Style	Front-mounted
Item Weight	54 Kilograms
Cutting Width	87 Centimeters
Max Adjustable Cutting Height	10 Centimeters
Operation Mode	Manual
Product Dimensions (DxWxH)	80D x 60W x 54H cm
Assembly Required	Yes
Included Components	Assembly kit

9. WARRANTY INFORMATION

The AL-KO BM 875 III Scythe Mower comes with **atwo-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full terms and conditions, refer to the warranty document included with your product or visit the official AL-KO website.

10. SUPPORT AND SERVICE

For technical assistance, spare parts, or service inquiries, please contact AL-KO customer support or an authorized AL-KO service center. You can find contact information on the official AL-KO website or through your local dealer. When contacting support, please have your model number (BM 875 III) and serial number ready.

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

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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