Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Makita MAK-EBH252L

Makita MAK-EBH252L Gasoline Brush Cutter User Manual

Model: MAK-EBH252L

Brand: Makita

1. Introduction

Thank you for choosing the Makita MAK-EBH252L Gasoline Brush Cutter. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before operating the brush cutter to ensure proper use and to prevent injury or damage.



Figure 1: Overview of the Makita MAK-EBH252L Gasoline Brush Cutter, showing its long shaft, engine, and cutting head.

2. Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read the Manual:** Understand all instructions and warnings before operation.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, heavy-duty long pants, non-slip footwear, and gloves.
- **Fuel Handling:** Handle gasoline with extreme care. Store fuel in approved containers in a well-ventilated area, away from ignition sources. Do not refuel while the engine is running or hot.
- **Work Area:** Clear the work area of debris, rocks, and other objects that could be thrown. Keep bystanders, children, and pets at a safe distance (at least 15 meters/50 feet).

- **Inspection:** Before each use, inspect the brush cutter for loose parts, damage, or wear. Ensure the cutting attachment is securely fastened.
- **Engine Shut-off:** Always turn off the engine and ensure the cutting attachment has stopped before performing any adjustments, maintenance, or clearing debris.
- **Vibration:** Prolonged use may cause vibration-related injuries. Take frequent breaks.

3. Package Contents

Verify that all items are present upon unpacking:

- Makita MAK-EBH252L Gasoline Brush Cutter Unit
- Nylon Cutting Head
- Blade (if included as accessory)
- Handle Assembly
- Tool Kit (for assembly and adjustments)
- Operator's Manual

4. Setup and Assembly

Follow these steps to assemble your brush cutter:

1. **Attach the Handle:** Secure the L-shaped handle to the shaft using the provided bolts and nuts. Ensure it is positioned comfortably for balanced operation.
2. **Install the Guard:** Mount the debris guard above the cutting head. This guard protects the operator from thrown debris.
3. **Install the Cutting Head:** Depending on your task, attach either the nylon cutting head or the blade. Refer to the specific instructions for each attachment to ensure correct and secure installation.
4. **Fueling:** Fill the fuel tank with unleaded gasoline. The tank capacity is 0.5 liters. Ensure the fuel cap is securely tightened.



Figure 2: Close-up view of the engine and handle assembly, highlighting the ergonomic design.

5. Operating Instructions

Familiarize yourself with the controls and operating procedures before starting the engine.

5.1 Starting the Engine

1. Place the brush cutter on a flat, stable surface.
2. Set the choke lever to the 'START' position (cold engine).
3. Press the primer bulb several times until fuel is visible.

4. Pull the starter rope firmly until the engine fires (usually 1-3 pulls).
5. Once the engine fires, move the choke lever to the 'RUN' position.
6. Allow the engine to warm up for a few moments before engaging the throttle.

5.2 Cutting Operation

- Maintain a firm grip on both handles.
- Keep the cutting head parallel to the ground.
- Use a sweeping motion, moving from right to left for optimal cutting.
- For nylon head: The cutting width is approximately 430 mm.
- For blade: The cutting width is approximately 230 mm.
- Avoid hitting hard objects like rocks or fences, as this can damage the cutting attachment or the machine.

5.3 Stopping the Engine

Release the throttle and press the engine stop switch to the 'OFF' position.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your brush cutter.

- **Air Filter:** Clean the air filter regularly (daily or after every 5 hours of operation) to prevent engine damage. Replace if heavily soiled or damaged.
- **Spark Plug:** Inspect and clean the spark plug every 25 hours of operation. Replace if worn or fouled.
- **Fuel Filter:** Check the fuel filter periodically and replace if clogged.
- **Cutting Head/Blade:** Inspect the nylon cutting head for wear and replace the line as needed. Sharpen or replace the blade if it becomes dull or damaged.
- **Gear Case:** Check the grease level in the gear case at the cutting head periodically and replenish if necessary.
- **General Cleaning:** Keep the engine and cooling fins free of debris to prevent overheating.
- **Storage:** For long-term storage, drain the fuel tank and run the engine until it stops to clear the carburetor. Store in a dry, well-ventilated area.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine does not start	No fuel; Choke incorrect; Fouled spark plug; Clogged fuel filter	Add fuel; Adjust choke; Clean/replace spark plug; Clean/replace fuel filter
Engine runs poorly/lacks power	Dirty air filter; Incorrect fuel mixture; Carburetor issues	Clean air filter; Use correct fuel mixture; Consult service center
Cutting attachment does not spin	Clutch issue; Damaged shaft; Obstruction	Check for obstructions; Consult service center for clutch/shaft issues
Excessive vibration	Damaged/unbalanced blade; Loose components	Inspect/replace blade; Tighten all fasteners

8. Specifications

Feature	Specification
Model Number	MAK-EBH252L
Engine Type	4-Stroke Gasoline Engine
Displacement	24.5 cc
Maximum Engine Performance	0.73 kW (1 HP)
Engine Speed (Blade)	9700/min max.
Engine Speed (Nylon Cutting Head)	8200/min max.
Cutting Width (Blade)	230 mm
Cutting Width (Nylon Cutting Head)	430 mm
Idle Speed	3000/min +/- 100/min
Clutch Engagement Speed	4100/min +/- 300/min
Gear Ratio	14/19
Fuel Tank Capacity	0.5 L
Dimensions (L x W x H)	40 x 30 x 20 cm
Weight	5 kg

9. Warranty and Support

Makita products are manufactured under strict quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Makita website. For technical support, spare parts, or service, please contact your authorized Makita service center or dealer.
Keep your purchase receipt as proof of purchase for warranty claims.

© 2024 Makita Corporation. 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

Open the live page

https://manuals.plus/asin/B08QKPD6WH

More documents and user manuals: **https://manuals.plus/**