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Makita PLM4621N2

Makita PLM4621N2 Petrol Lawnmower

User Manual

Product Overview

The Makita PLM4621N2 is a robust petrol lawnmower designed for efficient lawn care. It features a 46 cm cutting width, making it ideal for areas up to 1,400 m². Equipped with an overhead hanging valves (OHV) engine, it ensures optimized performance, extended lifespan, and reduced fuel consumption. Its ergonomic handle system provides comfortable maneuvering, and the central cutting height adjustment offers 5 distinct settings for versatile use.



Figure 1: Front-side view of the Makita PLM4621N2 Petrol Lawnmower, showcasing its robust design and grass collection bag.

Setup and Assembly

Before operating your new Makita PLM4621N2 lawnmower, ensure all components are correctly assembled and prepared for use.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Handle Assembly:** Attach the handle system to the main body of the lawnmower. Ensure all bolts and fasteners are securely tightened. The ergonomic design allows for comfortable positioning.
3. **Grass Bag Attachment:** Assemble the grass collection bag according to the instructions provided in the separate assembly sheet (if applicable). Securely attach the assembled grass bag to the rear of the lawnmower.
4. **Add Engine Oil:** Before starting, fill the engine with the recommended type and amount of engine oil. Refer to the engine manufacturer's manual for specific oil requirements and capacity. Do not overfill.
5. **Add Fuel:** Fill the fuel tank with super lead-free petrol. Ensure the fuel cap is securely fastened after filling. Avoid spilling fuel.

6. **Initial Checks:** Verify that the blade is securely attached and free from obstructions. Check that all safety guards are in place.



Figure 2: Side view of the Makita PLM4621N2, highlighting the handle and engine components, crucial for assembly.

Operating Instructions

Follow these steps for safe and effective operation of your lawnmower.

1. **Adjust Cutting Height:** The lawnmower features a central cutting height adjustment with 5 steps, ranging from 25 mm to 70 mm. Locate the adjustment lever and set it to your desired cutting height before starting the engine.
2. **Starting the Engine:**
   - Ensure the spark plug lead is securely connected.
   - Prime the engine if necessary (refer to engine manual).
   - Engage the safety bail lever on the handle.
   - Pull the starter cord firmly until the engine starts. The Magnetron electronic ignition system facilitates a quick start.
3. **Mowing:**
   - The PLM4621N2 is equipped with a 1-speed wheel drive, assisting in comfortable maneuvering across your lawn.
   - Mow in overlapping rows to ensure an even cut.
   - Avoid mowing wet grass, as it can clog the mower and lead to an uneven cut.
4. **Mulching (Optional):** A mulching kit is included with the mower. To mulch, remove the grass collection bag and insert

the mulching plug into the discharge chute. This allows the grass clippings to be finely cut and returned to the lawn as natural fertilizer.

5. **Stopping the Engine:** Release the safety bail lever to stop the engine. Allow the blade to come to a complete stop before approaching the mower.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita lawnmower.

- **Cleaning:** After each use, clean the underside of the mower deck to prevent grass buildup. Use a brush or scraper. Do not use high-pressure water directly on the engine.
- **Blade Care:** Regularly inspect the cutting blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed. Always disconnect the spark plug before handling the blade.
- **Engine Oil:** Check the engine oil level before each use. Change the engine oil periodically as recommended in the engine manual, typically after the first 5 hours and then every 25-50 hours of operation.
- **Air Filter:** Clean or replace the air filter regularly, especially when operating in dusty conditions. A clogged air filter can reduce engine performance.
- **Spark Plug:** Inspect and clean the spark plug annually or as recommended. Replace if worn or fouled.
- **Storage:** For long-term storage, drain the fuel tank or add a fuel stabilizer. Clean the mower thoroughly and store it in a dry, protected area.

Troubleshooting

This section addresses common issues you might encounter with your lawnmower.

Problem	Possible Cause	Solution
Engine does not start	No fuel; old fuel; spark plug issue; safety bail not engaged.	Add fresh fuel; check/clean/replace spark plug; ensure safety bail is held.
Engine runs rough or loses power	Clogged air filter; stale fuel; dirty spark plug.	Clean/replace air filter; drain and refill with fresh fuel; clean/replace spark plug.
Uneven cut	Dull or damaged blade; incorrect cutting height setting; mowing wet grass.	Sharpen or replace blade; adjust cutting height; mow when grass is dry.
Excessive vibration	Bent or unbalanced blade; loose components.	Inspect blade for damage and replace if necessary; check all fasteners for tightness.

Specifications

Key technical specifications for the Makita PLM4621N2 Petrol Lawnmower:

Feature	Detail
Brand	Makita
Model Number	PLM4621N2
Product Dimensions	150 x 55 x 98 cm

Feature	Detail
Item Weight	31 kg
Power Source	Petrol (Kraftstoffbetrieben)
Cutting Width	46 cm
Cutting Height Adjustment	5-stage, central (25-70 mm)
Recommended Area	Up to 1,400 m²
Drive System	1-speed wheel drive
Engine Type	OHV (Overhead Hanging Valves)
Ignition System	Magnetron electronic ignition
UPC	088381826563

Warranty and Support

Makita products are manufactured to high quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Makita website.
For technical assistance, spare parts, or service inquiries, please contact Makita customer support or an authorized service center. Always provide your product model number (PLM4621N2) and serial number when seeking support.
You can find more information and support resources on theMakita UK Store.

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