

PROYAMA PWT-22

PROYAMA 170cc Walk Behind String Trimmer Mower (Model PWT-22) Instruction Manual

Model: PWT-22

1. INTRODUCTION

Thank you for choosing the PROYAMA 170cc Walk Behind String Trimmer Mower. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new equipment. Please read this manual thoroughly before use and keep it for future reference.

This powerful 4-cycle gas string mower is designed to tackle tough overgrowth, heavy weeds, thick brush, and tall grass with its 170cc OHV engine and 22-inch cutting path. Its robust design and user-friendly features ensure efficient and comfortable yard maintenance.

2. SAFETY INFORMATION

Always prioritize safety when operating power equipment. Failure to follow safety instructions can result in serious injury or property damage.

- **Read the Entire Manual:** Understand all operating instructions and safety warnings before starting the machine.
- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), hearing protection, long pants, sturdy footwear, and gloves when operating the trimmer.
- **Clear the Area:** Before starting, clear the work area of any debris, rocks, wires, or other objects that could be thrown by the cutting line. Keep bystanders, children, and pets at a safe distance (at least 50 feet/15 meters).
- **Fuel Handling:** Handle gasoline with extreme care. It is highly flammable. Refuel outdoors in a well-ventilated area, away from sparks, open flames, or heat sources. Do not smoke while refueling. Allow the engine to cool before refueling.
- **Engine Operation:** Never operate the engine in an enclosed area where carbon monoxide fumes can accumulate. Ensure adequate ventilation.
- **Inspect Before Use:** Check the trimmer for loose parts, damage, or wear before each use. Ensure the cutting line is properly installed and the shield is securely in place.

- **Maintain Control:** Operate the trimmer with a firm grip on the handles. Be aware of your surroundings and maintain stable footing, especially on uneven terrain.
- **Avoid Contact:** Keep hands and feet away from the rotating cutting line and other moving parts.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Mow across the face of slopes, never up and down. Avoid excessively steep slopes.
- **Storage:** Store the trimmer in a secure, dry place, out of reach of children. Ensure the engine is cool before storing.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact customer support immediately.



Image: Contents of the PROYAMA 170cc Walk Behind String Trimmer Mower package.

- 1 x PROYAMA 170cc Gas Walk Behind String Trimmer Mower
- 1 x 450ml Engine Oil
- 1 x Trimmer Line Side Pocket
- 4 x Trimmer Lines (0.16 inch nylon)
- Instruction Manual

4. SETUP AND ASSEMBLY

Follow these steps to assemble your PROYAMA Walk Behind String Trimmer Mower.

4.1 Handlebar Assembly

The handlebar is designed for quick and easy assembly and folding for storage.



FOLDABLE HANDLE

Easy to store and space-saving

Image: The PROYAMA trimmer with its foldable handle, demonstrating its compact storage capability.

Unfold the handlebar and secure it in the operating position using the provided knobs or levers. Ensure all connections are tight before use.

4.2 Adding Engine Oil and Fuel

This 4-cycle engine uses straight gasoline (unmixed). Refer to the engine oil and fuel tank caps for specific recommendations. Use fresh, clean, unleaded gasoline with an octane rating of 87 or higher.

1. Locate the oil fill cap and fuel tank cap on the engine.
2. Add the provided 450ml engine oil to the oil reservoir. Do not overfill.
3. Fill the fuel tank with unleaded gasoline. Do not fill above the maximum fill line.
4. Securely replace both caps.

4.3 Attaching Trimmer Line

The trimmer uses heavy-gauge 0.155-inch nylon line. Ensure the line is properly installed in the cutting head.



Image: Detail of the cutting head and trimmer line installation area.

4.4 Assembly and Starting Video Guide

Your browser does not support the video tag.

Video: A detailed guide on how to assemble and correctly start the PROYAMA 170cc Walk Behind String Trimmer Mower.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operating procedures before using the trimmer.

WALK BEHIND STRING MOWER



Image: Key components of the PROYAMA Walk Behind String Trimmer Mower, including the recoil starter, control lever, engine, wheels, and cutting head.

5.1 Starting the Engine

1. Ensure the fuel tank is filled and the oil level is correct.
2. Move the choke lever to the 'START' or 'CHOKE' position (if applicable).
3. Set the throttle to the 'FAST' position.
4. Pull the recoil starter handle firmly and smoothly until the engine starts. Do not pull the rope to its full extension.
5. Once the engine starts, gradually move the choke lever to the 'RUN' position as the engine warms up.

5.2 Adjusting Cutting Height

The trimmer allows for adjustable cutting heights to suit different vegetation types and desired results.

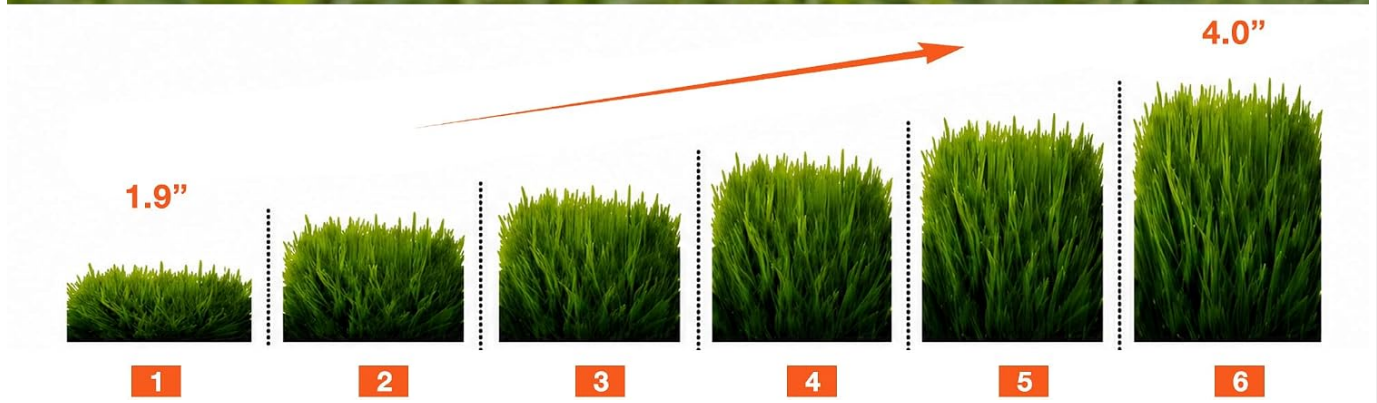


Image: Visual representation of the adjustable cutting height feature, ranging from 1.9 inches to 4.0 inches.

Adjust the cutting height mechanism located near the cutting head. Ensure the engine is off and cool before making adjustments.

5.3 Operating the Trimmer

Push the trimmer forward at a steady pace. The large 14-inch flat-free wheels provide stability and maneuverability over rough and uneven terrain. The 22-inch cutting path allows for efficient clearing of large areas.



Image: A person operating the PROYAMA trimmer in a lawn, demonstrating its powerful engine and low vibration.

Your browser does not support the video tag.

Video: An outdoor demonstration of the PROYAMA 170cc Gas Walk Behind String Trimmer Mower in action.

5.4 Stopping the Engine

To stop the engine, move the throttle lever to the 'STOP' position or press the engine stop button (if equipped).

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your trimmer. Always turn off the engine and disconnect the spark plug wire before performing any maintenance.

6.1 Engine Oil Check and Change

- Check the engine oil level before each use. Add oil if necessary.

- Change the engine oil after the first 5 hours of operation, then every 25 hours or annually, whichever comes first.

6.2 Air Filter Maintenance

Inspect the air filter regularly, especially in dusty conditions. A dirty air filter can reduce engine performance and lead to premature wear.

- Remove the air filter cover.
- Clean the air filter element with warm, soapy water, rinse thoroughly, and allow it to air dry completely. Replace if damaged or excessively dirty.
- Ensure the air filter door is securely attached after maintenance.

6.3 Spark Plug Inspection

Inspect the spark plug annually or every 50 hours of operation. Clean or replace if fouled or worn.

6.4 Trimmer Line Replacement

Replace worn or broken trimmer lines as needed. Use only 0.155-inch diameter nylon trimmer line.

- Turn off the engine and allow it to cool.
- Refer to the cutting head instructions for specific line replacement procedures.
- The convenient side bag allows for easy access to spare trimmer lines during operation.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine does not start	No fuel; old fuel; incorrect choke position; fouled spark plug; low oil level.	Check fuel level and add fresh fuel; adjust choke; clean/replace spark plug; check oil level.
Engine starts then dies	Incorrect choke position; clogged fuel filter; dirty air filter; engine overheating.	Adjust choke to RUN; clean/replace fuel filter; clean air filter; allow engine to cool.
Loss of power during operation	Dirty air filter; old fuel; incorrect cutting technique (e.g., trying to cut too much at once).	Clean air filter; use fresh fuel; reduce cutting load.
Trimmer line breaks frequently	Incorrect line type/diameter; worn cutting head; hitting hard objects; line not properly installed.	Use correct 0.155-inch line; inspect cutting head for damage; avoid obstacles; ensure line is secured.
Excessive vibration	Damaged cutting head; unbalanced line; loose components.	Inspect cutting head; ensure line is evenly distributed; check for loose bolts/screws.

8. SPECIFICATIONS

Detailed technical specifications for the PROYAMA 170cc Walk Behind String Trimmer Mower.

Feature	Specification
Brand	PROYAMA
Model Number	PWT-22
Engine Type	170cc 4-cycle OHV Engine
Engine Power	3.5 kW (5 HP)
Engine Speed	3600 rpm
Cutting Width	22 inches
Trimmer Line Diameter	0.155 inches (Heavy-gauge nylon)
Wheel Size	14-inch Flat-Free Rear Wheels
Product Dimensions (L x W)	46.8"L x 57.5"W
Fuel Type	Unleaded Gasoline (straight fuel)
UPC	762221038339

PRODUCT DIMENSIONS

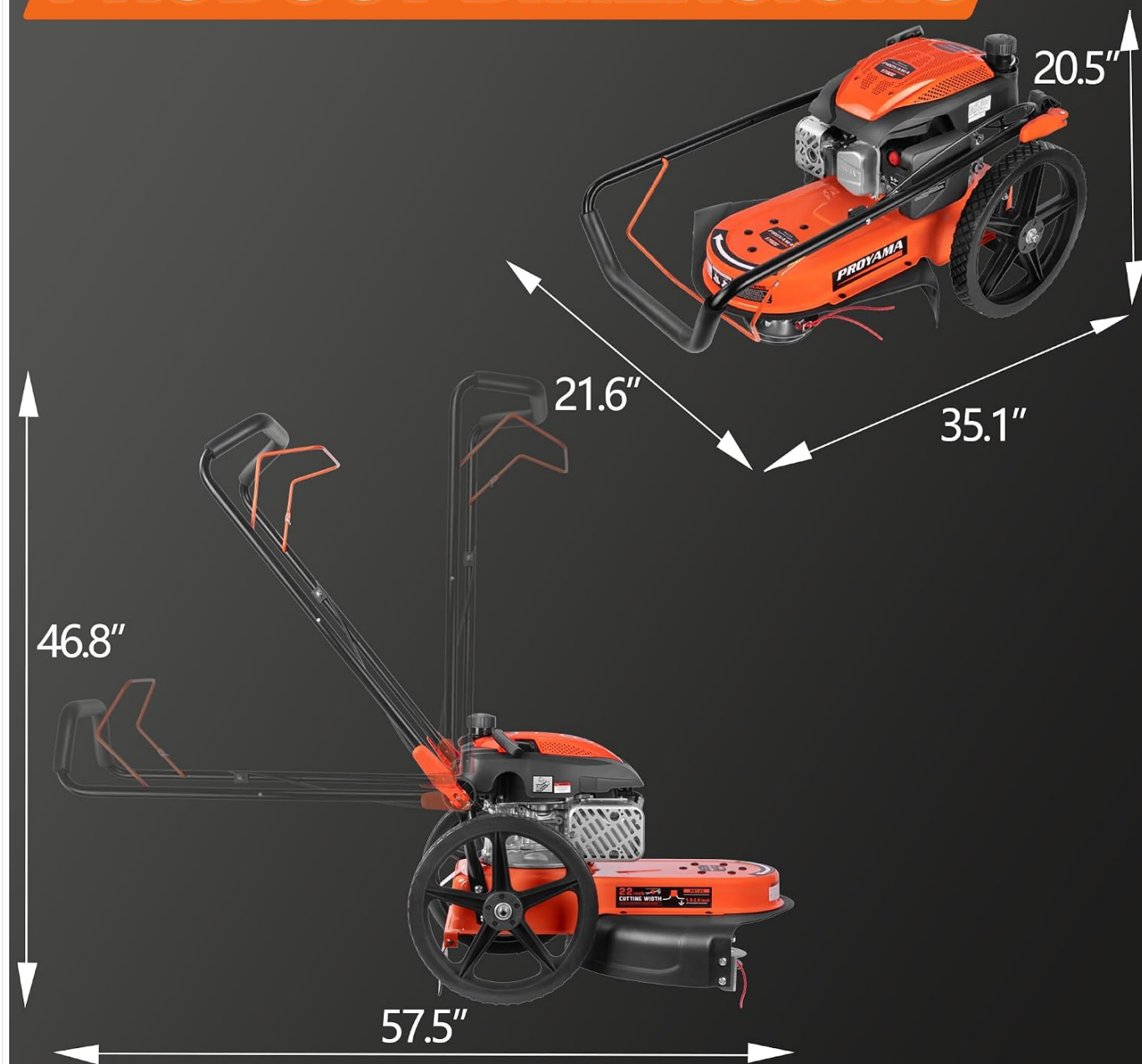


Image: Product dimensions of the PROYAMA Walk Behind String Trimmer Mower.

9. WARRANTY AND SUPPORT

PROYAMA is committed to providing quality products and excellent customer service.

- **1-Year Replacement:** Your PROYAMA Walk Behind String Trimmer Mower is covered by a 1-year replacement warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
- **24/7 Support:** For any questions, technical assistance, or warranty claims, please contact PROYAMA customer service. Our support team is available 24 hours a day, 7 days a week to assist you.



Image: PROYAMA Customer Service details, highlighting 1-Year Replacement and 24/7 Support.

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