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## PowerSmart PSM2322SR

# PowerSmart PSM2322SR 22-Inch Self-Propelled Gas Lawn Mower Instruction Manual

Model: PSM2322SR | Brand: PowerSmart

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your PowerSmart PSM2322SR 22-inch self-propelled gas lawn mower. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.

## SAFETY INFORMATION

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

- Read and understand all instructions before operating the lawn mower.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Keep hands and feet away from rotating parts.
- Ensure the area is clear of debris, children, and pets before starting the mower.
- Never operate the mower in wet grass or adverse weather conditions.
- Turn off the engine and disconnect the spark plug wire before performing any maintenance or clearing blockages.
- Store fuel in an approved container in a well-ventilated area, away from ignition sources.
- Do not refuel a hot engine.

## PRODUCT FEATURES

The PowerSmart PSM2322SR lawn mower is designed for efficient lawn care with several key features:

- **200CC OHV Gas Engine:** A powerful 4-stroke, single-cylinder engine for tough grass.
- **22-Inch Steel Mowing Deck:** Durable deck providing a wide cutting path.
- **Self-Propelled Rear-Wheel Drive:** Assists in navigating varied terrain and inclines.

- **3-in-1 Functionality:** Offers mulching, side discharge, and rear bagging options.
- **5-Position Height Adjustment:** Easily adjust cutting height from 1.2 to 3.5 inches.
- **Foldable Handle Design:** Allows for quick folding without tools for compact storage.



Image: Overview of the PowerSmart PSM2322SR lawn mower with key components labeled, including the engine start/stop control, drive control bar, recoil start, 200cc 4-stroke engine, 5-position height adjustment, and 3-in-1 cutting deck.



Image: Visual representation of the 3-in-1 cutting deck features: rear bagging, mulching, and side discharge, demonstrating the mower's versatility.

## SETUP AND ASSEMBLY

The lawn mower requires minimal assembly. Follow these steps:

- 1. Unpacking:** Carefully remove all components from the packaging.
- 2. Handle Assembly:** Attach the upper handle to the lower handle using the provided hardware. The foldable handle design allows for quick setup without tools.
- 3. Oil Fill:** Add the appropriate amount and type of engine oil (refer to specifications for details) to the engine crankcase. Do not overfill.
- 4. Fuel Fill:** Fill the fuel tank with fresh, unleaded gasoline. The fuel tank capacity is 0.34 Gallons.
- 5. Grass Bag Attachment:** If using the rear bagging option, attach the grass collection bag securely to the rear discharge opening.
- 6. Side Discharge Chute:** If using side discharge, attach the side discharge chute.
- 7. Mulching Plug:** For mulching, ensure the mulching plug is installed and the side discharge chute is removed.



Image: Side view of the lawn mower, illustrating the attached grass collection bag and the overall profile of the unit.

## OPERATING INSTRUCTIONS

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Follow these steps for safe and effective operation of your lawn mower.

### Starting the Engine

1. Ensure the fuel tank is filled and the oil level is correct.
2. Press the primer bulb (if equipped) 3-5 times.
3. Move the throttle lever to the "START" position.
4. Grasp the engine start/stop control bar and hold it against the handle.
5. Pull the recoil start handle firmly until the engine starts.
6. Once started, release the recoil handle and allow the engine to warm up briefly.



## 200CC 4 STROKE ENGINE

Recoil start for quick and easy starting

Image: Detailed view of the 200cc 4-stroke engine, highlighting the recoil start mechanism and other engine components.

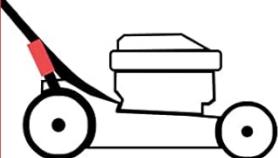
### Adjusting Cutting Height

The mower features a 5-position height adjustment system. To adjust:

- Locate the height adjustment lever on the mower deck.
- Pull the lever outwards and move it to the desired cutting height position (1.2 to 3.5 inches).
- Ensure all wheels are set to the same height for an even cut.



#### HEIGHT ADJUSTMENT



## 5-HEIGHT SETTINGS

1.2" → 3.5"



Image: Close-up of the red height adjustment lever and a mower wheel, showing the mechanism for changing cutting height.



Image: A graphic demonstrating the five adjustable cutting depth settings, ranging from 1.2 inches to 3.5 inches, with visual examples of grass length.

## Engaging Self-Propelled Drive

To engage the self-propelled feature, hold the drive control bar against the handle. Release the bar to disengage the drive.

# SELF-PROPELLED DO MORE WORK WITH LESS EFFORT



This type of lawn mower is ideal for people with sizable lawns or hilly yards

Image: A woman easily pushing the self-propelled lawn mower across a grassy area, demonstrating the reduced effort required.

## Mowing Techniques

- For best results, mow when the grass is dry.
- Avoid cutting more than one-third of the grass blade length at a time.
- Overlap cutting paths slightly to ensure an even cut.
- When mowing on slopes, mow across the face of the slope, not up and down. Exercise extreme caution.

Your browser does not support the video tag.

Video: This video demonstrates the PowerSmart self-propelled lawn mower in action, highlighting its ease of use on various terrains and its 3-in-1 cutting capabilities (mulch, side discharge, bag). It also showcases the powerful engine and height adjustment features.

## MAINTENANCE

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

- **Engine Oil:** Check oil level before each use. Change oil after the first 5 hours of operation, then every 25 hours or annually.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug annually. Replace if necessary.
- **Blade Maintenance:** Inspect the cutting blade for sharpness and damage before each use. Sharpen or replace the blade as needed.
- **Deck Cleaning:** Clean the underside of the mowing deck after each use to prevent grass buildup, which can affect cutting performance.
- **Storage:** For long-term storage, drain the fuel tank or use a fuel stabilizer. Clean the mower thoroughly and store in a dry, protected area. The foldable handle allows for tidy storage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel; old fuel; low oil; spark plug issue; clogged air filter	Fill with fresh fuel; check oil level; clean/replace spark plug; clean/replace air filter
Mower cuts unevenly	Dull or bent blade; uneven wheel height adjustment	Sharpen/replace blade; adjust all wheels to the same height
Excessive vibration	Bent blade; loose blade bolts; engine issue	Inspect/replace blade; tighten blade bolts; consult service center if engine related
Self-propel not engaging	Drive belt issue; control cable adjustment	Inspect drive belt; adjust control cable; consult service center

## SPECIFICATIONS

- **Brand:** PowerSmart
- **Model Number:** PSM2322SR
- **Engine:** 200CC 4-Stroke OHV Gas Engine
- **Power Source:** Gasoline-Powered
- **Cutting Width:** 22 Inches
- **Cutting Heights:** 5 positions, 1.2" - 3.5"
- **Deck Material:** Alloy Steel
- **Operation Mode:** Self-Propelled (Rear-Wheel Drive)
- **Functions:** 3-in-1 (Mulching, Side Discharge, Bagging)
- **Fuel Tank Capacity:** 0.34 Gallons
- **Oil Capacity:** 16.9 fl.oz
- **Item Weight:** 86 Pounds
- **Product Dimensions:** 66"D x 25"W x 43"H
- **UPC:** 817582013058
- **Manufacturer:** Amerisun Inc

## WARRANTY AND SUPPORT

This PowerSmart lawn mower qualifies for a **3-year limited warranty**. For warranty claims, technical assistance, or

replacement parts, please contact PowerSmart customer service.

PowerSmart maintains over 500 certified repair centers across the U.S. and provides full replacement parts through its Illinois headquarters. For any issues, please contact the service team for assistance.

For further information, you may visit the official [PowerSmart Store on Amazon](#).