

PowerSmart PS1101

PowerSmart PS1101 Rolling Mechanics Seat Instruction Manual

Model: PS1101

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before assembling or operating this product. Failure to follow these instructions may result in serious injury or property damage.

- This stool has a maximum weight capacity of **300 lbs**. Do not exceed this limit.
- Improper use, such as using on uneven surfaces, may result in tipping hazards. Always use on a flat, stable surface.
- Ensure proper assembly for stability and safety. Verify all fasteners are securely tightened before use.
- Keep hands and feet clear of moving parts, especially during height adjustment.
- Do not stand on the stool. It is designed for seated use only.

2. PRODUCT OVERVIEW

The PowerSmart PS1101 Rolling Mechanics Seat is designed for comfort and convenience in garage or workshop environments. It features a pneumatic height adjustment, 360-degree swivel, and integrated tool storage.



Figure 2.1: PowerSmart PS1101 Rolling Mechanics Seat. This image shows the fully assembled red and black rolling stool with its pneumatic cylinder and tool tray.

Key Features:

- **Adjustable Height:** Pneumatic lift system allows height adjustment from 16 to 22 inches.
- **360-Degree Swivel Seat:** Provides full rotational movement for easy access to work areas.

- **Padded Vinyl Seat:** Soft, fully padded seat for comfort during extended use.
- **Integrated Tool Tray:** Large circular tray located beneath the seat for convenient tool storage.
- **Smooth-Rolling Casters:** Five 360-degree swiveling industrial-strength casters for effortless mobility.
- **Durable Construction:** All-steel frame designed for heavy-duty use.



Figure 2.2: Overview of the rolling garage seat highlighting adjustable height, 360-degree rotation, and 300 LBS capacity. A person is shown using the stool while working on a vehicle.

3. SETUP AND ASSEMBLY

Assembly is required for this product. Please follow these steps carefully.

Components Included:



Figure 3.1: All components included in the package. This image displays the circular base, red padded seat, pneumatic cylinder, five casters, and the instruction manual.

1. **Attach Casters to Base:** Insert each of the five casters into the designated holes on the underside of the circular tool tray base. Ensure they are firmly seated.

2. **Insert Pneumatic Cylinder:** Place the wider end of the pneumatic cylinder into the central hole of the tool tray base.
3. **Attach Seat to Cylinder:** Align the seat plate with the top of the pneumatic cylinder. Press down firmly to secure the seat onto the cylinder.
4. **Verify Assembly:** Once all components are assembled, gently test the stool for stability and proper function before full use.

INSTALLATION STEPS



Figure 3.2: Step-by-step visual guide for assembling the rolling mechanics seat. This image shows the process of attaching the pneumatic cylinder to the base, then the seat to the cylinder, and finally the completed stool.

4. OPERATING INSTRUCTIONS

Height Adjustment:

To adjust the seat height, locate the lever under the seat. While seated, pull the lever upwards to lower the seat. To raise the seat, stand up slightly to relieve weight from the seat, then pull the lever upwards. The seat will rise pneumatically. Release the lever at the desired height.

ADJUSTABLE HIGH LEVER



Figure 4.1: Close-up view of the adjustable high lever located beneath the seat, used for pneumatic height adjustment.

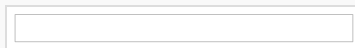


Figure 4.2: Illustration demonstrating the 16-22 inch adjustable height range and the function of the convenient lever for adjustment.

Mobility and Swivel:

The five industrial-strength casters allow for smooth, omni-directional movement across flat surfaces. The seat also swivels 360 degrees independently of the base, providing flexibility and ease of access to different work areas without needing to reposition the entire stool.



Figure 4.3: Visual representation of the 360-degree smooth swivel function of both the casters and the seat.

Tool Tray Usage:

The circular tray at the base of the stool provides convenient storage for tools, parts, and other small items, keeping them within easy reach while you work.

STORAGE TRAY



Figure 4.4: The integrated tool tray shown with various tools placed inside, demonstrating its storage capacity.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your PowerSmart Rolling Mechanics Seat.

- **Cleaning:** Wipe the seat and frame with a damp cloth. For stubborn dirt, a mild soap solution can be used, followed by wiping with a clean, damp cloth. Avoid harsh chemicals or abrasive cleaners. The seat cover is designed to be oil/water resistant.
- **Caster Inspection:** Periodically check the casters for accumulated debris (hair, lint, etc.) that may hinder smooth rolling. Clean as necessary.
- **Fastener Check:** Regularly inspect all bolts and fasteners to ensure they remain tight. Re-tighten if any looseness is detected.
- **Pneumatic Cylinder:** The pneumatic cylinder is generally maintenance-free. If you notice issues with height adjustment or the seat sinking, contact customer support.

OIL/WATER RESISTANT COVER



Figure 5.1: Close-up of the seat material, highlighting its oil/water resistant properties for easy cleaning and durability.

6. TROUBLESHOOTING

If you encounter issues with your rolling mechanics seat, refer to the following common solutions:

Problem	Possible Cause	Solution
Seat does not adjust height	Pneumatic cylinder issue or lever malfunction	Ensure the lever is fully engaged. If the issue persists, contact customer support.
Stool does not roll smoothly	Debris in casters or damaged casters	Clean casters of any obstructions. Inspect for damage; replace if necessary.
Stool feels unstable or wobbly	Loose fasteners or uneven surface	Check and tighten all assembly fasteners. Ensure the stool is on a flat, level surface.

Problem	Possible Cause	Solution
Seat swivels with difficulty	Lack of lubrication or obstruction	Check for any obstructions. A small amount of silicone spray lubricant may be applied to the swivel mechanism if accessible.

7. SPECIFICATIONS

Feature	Specification
Model Number	PS1101
Product Dimensions	15"D x 15"W x 5.9"H (Base/Seat Diameter x Height)
Adjustable Seat Height	16 to 22 inches
Maximum Weight Capacity	300 Pounds
Item Weight	11.2 pounds
Color	Red
Material	Alloy Steel frame, Padded Vinyl seat
Assembly Required	Yes
Manufacturer	Amerisun Inc.
UPC	840432707357, 840432707371

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact PowerSmart customer service. Keep your purchase receipt for warranty claims.

You can visit the official PowerSmart store for additional product information and support resources:

[PowerSmart Official Store](#)

Manufacturer: Amerisun Inc.