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PowerSmart PS10A

PowerSmart 120V 15A Corded Electric Wood Chipper, Shredder Instruction Manual

Model: PS10A

INTRODUCTION

Thank you for choosing the PowerSmart 120V 15A Corded Electric Wood Chipper, Shredder. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new garden tool. Please read it thoroughly before use and keep it for future reference.



Figure 1: PowerSmart 120V 15A Corded Electric Wood Chipper, Shredder.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Read and understand all instructions before operating this machine. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- Always wear appropriate personal protective equipment, including safety glasses, gloves, and hearing protection.
- Ensure the work area is clear of bystanders, children, and pets.
- Do not operate the chipper in wet or damp conditions. The machine features IPX4 waterproof safeguards, but extreme wetness should be avoided.
- Always disconnect the power supply before performing any maintenance, cleaning, or when the machine is not in use.
- Never feed material larger than the specified maximum diameter (1-3/4" or 45mm).

- Use the provided plunger to feed material into the chute. Never use hands or feet.
- The machine is equipped with an overload protector to prevent motor overheating. If the motor stops, allow it to cool down before restarting.
- Ensure all guards and safety features, including the safety lock, are in place and functioning correctly before operation.

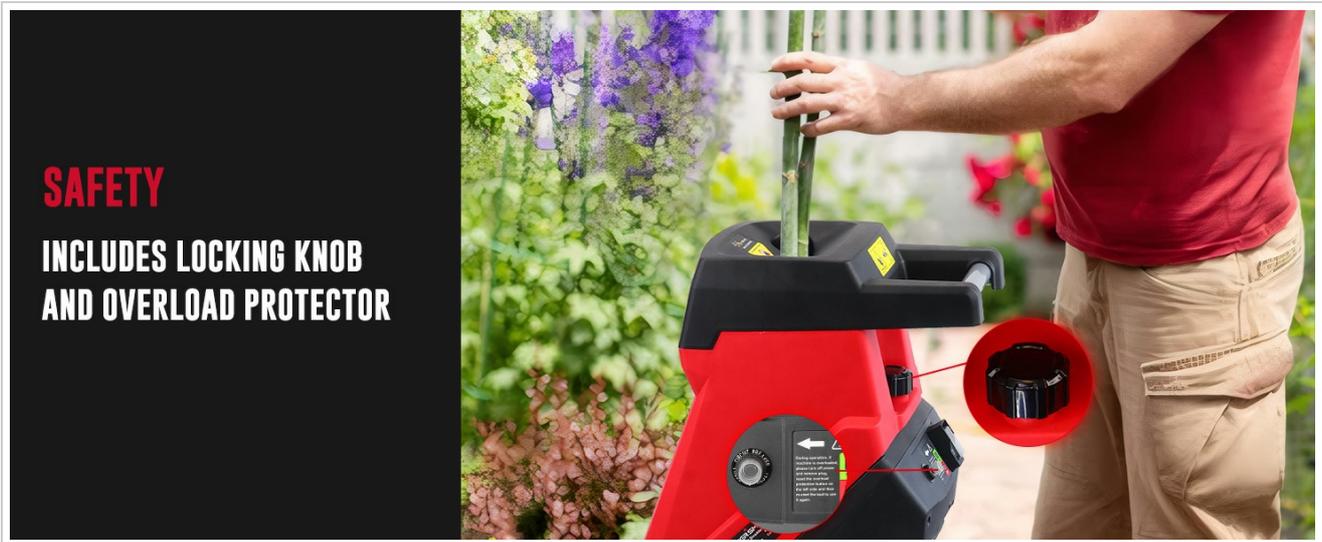


Figure 2: Safety features including the locking knob and overload protector.

SETUP AND ASSEMBLY

Your PowerSmart Wood Chipper requires some assembly before first use. Refer to the detailed assembly guidelines provided in the separate user manual for step-by-step instructions.

Key Components:

- **Safety Lock:** Ensures the machine is securely closed before operation.
- **Big Wheels:** 7-inch sturdy wheels for easy maneuverability.
- **Plunger:** For safely pushing material into the feeding chute.
- **Collection Bag:** Attaches to collect shredded material.



Figure 3: Labeled components of the PowerSmart Wood Chipper.

Mobility:

The chipper is designed for easy transport around your garden. Its 7-inch sturdy wheels and lightweight design (22.7 lbs) ensure nimble maneuverability on various terrains.

EASY MOBILITY
7-INCH WHEELS AND
22.7 LBS WEIGHT



Figure 4: The chipper's 7-inch wheels facilitate easy movement.

OPERATING INSTRUCTIONS

The PowerSmart Wood Chipper is equipped with a robust 120V, 60Hz, 15A motor, providing a no-load speed of up to 3700RPM for efficient shredding.

Preparing Material:

Ensure all branches and twigs are free from stones, metal, or other foreign objects that could damage the blades. The maximum branch capacity is 1-3/4 inches (45mm) in diameter.

GREEN POWER

Shining in the eco-scene

Powersmart



NO EMISSIONS



LOW NOISE



EASY OPERATION

other



POLLUTION



DEPENDENCY



COST

Figure 5: The chipper can process branches up to 1.77 inches thick.

Feeding Material:

1. Turn on the chipper using the one-button switch.
2. Carefully feed branches and other garden debris into the feeding chute.
3. Use the plunger to push material down into the blades, especially for smaller or stubborn pieces. Never use your hands.
4. Avoid overloading the machine. Feed material at a steady rate.



Figure 6: The powerful 15-Amp motor ensures efficient chipping.

Suitable Materials and Shredding Method:

MATERIAL	SHREDDING METHOD
 Twigs and pruning up to 1/4" (6 mm) diameter	Feed into the feeding chute at a rate which the shredder will accept without overloading
 Branches and pruning up to 1.77 inch (45 mm) in diameter	Clip off all side growth with pruning shears before feeding
 Bedding plants, weeds and shrubby growth	Knock soil and stones off the roots. Avoid weeds that may have seeded
 Freshly cut foliage, hedge pruning, and kitchen waste (e.g. cabbage leaves, vegetable peelings, etc)	With any material having a high, moisture content is advisable to feed in some drier sticks at regular intervals to help push the material through the cutting assembly and prevent it from clogging.

Figure 7: Guidelines for various types of garden waste and their processing.

Collection and Output:

The chipper comes with a large-capacity collection bag to gather shredded wood chips, making cleanup and storage easy. The machine achieves a 15:1 reduction rate, significantly reducing the volume of your yard waste.

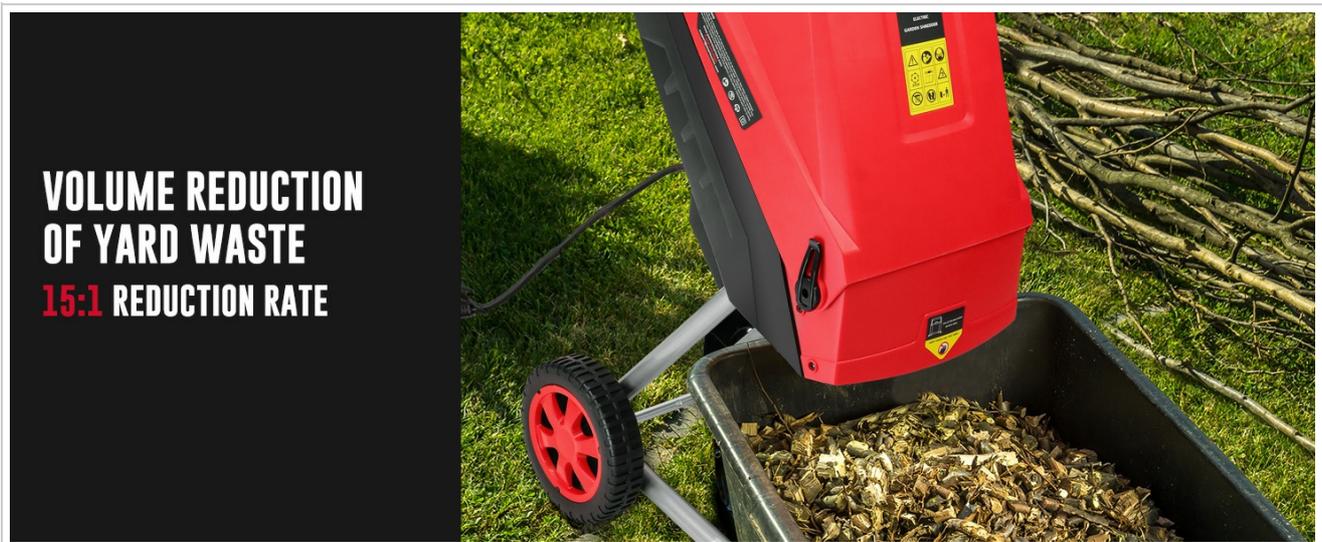


Figure 8: The chipper reduces yard waste volume by a 15:1 ratio.

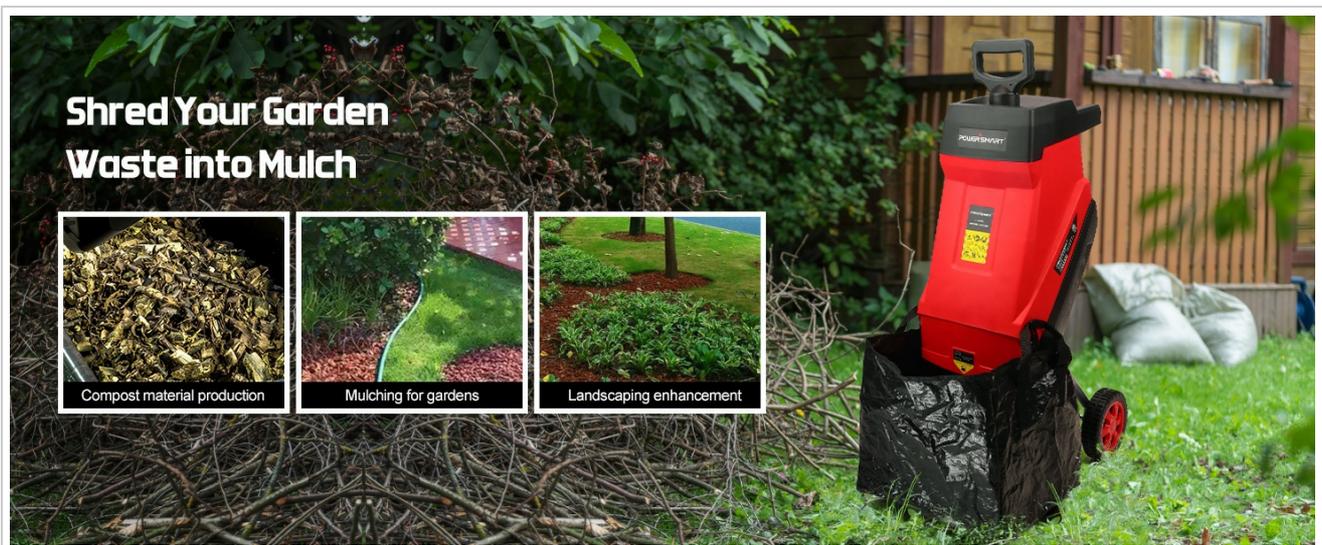


Figure 9: Shredded material can be used for compost, mulching, or landscaping.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PowerSmart Wood Chipper.

Blade Care:

The chipper blades are double-edged and can be reversed when one side becomes dull. For best results, keep blades sharp. Refer to the full manual for instructions on how to safely access and replace/sharpen blades.



DURABILITY

Blades are double-edged and can be reversed when dull.

Figure 10: Double-edged blades can be reversed for extended use.

Cleaning:

After each use, ensure the machine is unplugged and cool. Clean the feeding chute and discharge area to prevent buildup. The removable blades facilitate easy cleaning and sharpening.



Figure 11: Removable blades allow for easy sharpening and cleaning.

TROUBLESHOOTING

If you encounter issues with your wood chipper, consider the following common solutions:

- **Machine not starting:** Check power connection, ensure the safety lock is engaged, and verify the circuit breaker hasn't tripped.
- **Motor stops during operation:** The overload protector may have activated. Unplug the machine, clear any jams, and allow the motor to cool for several minutes before restarting.
- **Poor shredding performance:** Blades may be dull or damaged. Refer to the maintenance section for blade care. Ensure material is fed at an appropriate rate and is within the specified diameter.
- **Jams:** Disconnect power immediately. Carefully remove the obstruction using a stick or tool, never your hands.

For more detailed troubleshooting, please consult the comprehensive user manual or contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	PowerSmart
Power Source	Corded Electric
Material	Plastic
Color	Red
Style	Mechanical
Item Weight	22.7 Pounds
Cutting Width	1.77 Inches
Operation Mode	Automatic
Product Dimensions	14"D x 12.6"W x 24.4"H
Assembly Required	Yes

UPC	840432706770
Manufacturer	PowerSmart
Item model number	PS10A

WARRANTY AND SUPPORT

PowerSmart offers comprehensive service and hassle-free after-sales support. Our expert team is available to provide professional assistance for your needs.

Customer Support:

Email: support2@powersmartusa.com



Our expert team will provide professional assistance for your needs within 24 hours

Customer Support:

✉ support2@powersmartusa.com

Figure 12: PowerSmart customer support team ready to assist.