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AIVOLT SDEG17

AIVOLT Wood Chipper Shredder SDEG17 User Manual

Model: SDEG17

1. Important Safety Information

Always read and understand this manual before operating the AIVOLT Wood Chipper Shredder. Failure to follow instructions can result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and heavy-duty gloves when operating the shredder.
- **Clear Work Area:** Ensure the operating area is clear of bystanders, children, and pets.
- **Stable Surface:** Operate the shredder on a firm, level surface to prevent tipping.
- **Power Disconnection:** Always disconnect the power supply before performing any maintenance, clearing jams, or when the machine is not in use.
- **Safety Hopper:** The shredder is equipped with a safety hopper and locking knob that halts operation when opened. Ensure the locking knob is fully tightened before starting the machine.
- **Material Size:** Do not feed branches exceeding the maximum cutting diameter of 1.77 inches.
- **Foreign Objects:** Do not feed metal, rocks, or other non-organic materials into the shredder.

2. Setup and Assembly

Follow these steps to assemble your AIVOLT Wood Chipper Shredder:

1. **Assemble the Stand Bracket:** Connect the curved metal tubes to form the stand. Use the two longer bolts to securely fix the bottom of the stand bracket.
2. **Assemble the Wheels:** Slide the wheels onto the axle. Secure them with the provided washers and cotter pins.
3. **Attach the Main Unit:** Carefully place the main shredder unit onto the assembled stand, aligning the mounting points.
4. **Fix the Hopper:** Ensure the hopper is correctly positioned and tighten the locking knob securely. This activates the safety interlock.



Figure 2.1: AIVOLT Wood Chipper Shredder SDEG17 with included accessories.

Video 2.1: Official AIVOLT Electric Wood Chipper assembly and feature overview.

3. Operating Instructions

The AIVOLT Wood Chipper Shredder is designed for efficient reduction of yard waste.

- **Power Connection:** Connect the shredder to a suitable power outlet using an appropriate extension cord.
- **Starting the Machine:** Ensure the locking knob is tight, then press the ON switch (red button) located on the side of the motor housing.
- **Feeding Material:** Gradually feed branches and twigs into the feeding funnel. The maximum cutting diameter is 1.77 inches. For smaller branches and leafy material, use the provided plunger to push material into the hopper.
- **Collection Bag:** Attach the 50L collection bag to the debris bag hook to collect shredded material for mulching or

composting.

- **Stopping the Machine:** Press the OFF switch (black button) to turn off the shredder. Always unplug the unit after use.



Figure 3.1: The powerful 15-Amp motor ensures efficient shredding.



Figure 3.2: Branches up to 1.77 inches in diameter can be processed.

Video 3.1: Demonstration of the AIVOLT Wood Chipper Shredder in action.

4. Maintenance

Regular maintenance ensures optimal performance and extends the life of your shredder.

- **Blade Inspection:** Periodically inspect the shredder blades for sharpness and damage. Dull blades reduce efficiency.
- **Blade Replacement/Reversal:** The shredder comes with 2 extra backup blades. The blades are dual-edge and reversible. To replace or reverse blades, ensure the unit is unplugged, loosen the locking knob, open the hopper, and use the provided Allen wrench to remove the screws holding the blades. Reverse or replace as needed, then reassemble securely.

- **Cleaning:** After each use, clean any debris from the hopper and discharge chute. Ensure ventilation slots are clear.



Figure 4.1: Easy access for maintenance and blade replacement.



Figure 4.2: The shredder features sharp, dual-edge blades for enhanced efficiency.

5. Troubleshooting

- **Unit Does Not Start:**
  - Check if the power cord is securely plugged in.
  - Ensure the locking knob on the hopper is fully tightened. The machine has a safety interlock.
  - Press the reset button (fuse) on the motor housing. Allow the motor to cool down if it has been overloaded.
- **Jams During Operation:**
  - Immediately turn off the machine and unplug it from the power source.
  - Loosen the locking knob and open the hopper. Carefully remove the jammed material.

- Inspect blades for damage before reassembling and restarting.

- **Poor Shredding Performance:**
  - Blades may be dull. Inspect and reverse or replace the blades as described in the Maintenance section.
  - Material may be too wet or too fibrous. Allow material to dry slightly for better results.

6. Specifications

Feature	Detail
Model Number	SDEG17
Motor Power	15-Amp / 1800 Watt
Max Cutting Diameter	1.77 inches
Collection Bag Capacity	50L
Item Weight	20.6 pounds
Product Dimensions	22.8 x 11.6 x 14.7 inches
Wheels	7-inch for portability
Housing Material	Rustproof, dent-resistant polypropylene



Figure 6.1: Key dimensions and features of the AIVOLT SDEG17.

7. Warranty and Support

For warranty information, technical support, or any inquiries regarding your AIVOLT Wood Chipper Shredder SDEG17, please contact AIVOLT customer service directly. Refer to your product packaging or the official AIVOLT website for the most up-to-date contact details.

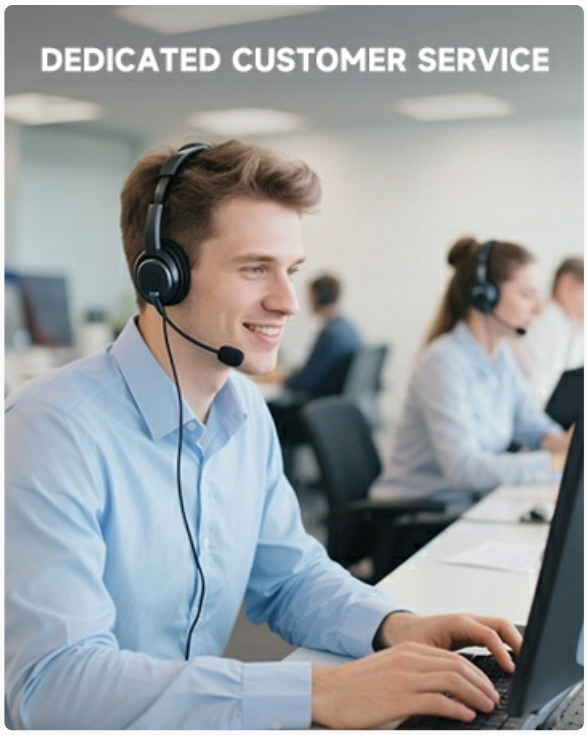


Figure 7.1: Dedicated customer service is available for support.

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