

VEVOR HC-550

VEVOR 550g Electric Grain Mill Grinder HC-550 User Manual

Model: HC-550

1. SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the VEVOR 550g Electric Grain Mill Grinder. Retain this manual for future reference.

- **Electrical Safety:** Ensure the power supply matches the voltage specified on the appliance (AC110-120V 60Hz). Do not operate with wet hands or in wet conditions. Unplug the grinder when not in use or before cleaning.
- **Material Compatibility:** This grinder is designed for **dry materials only**. Do not grind wet, fresh, oily, or sticky substances, as this can damage the motor and blades.
- **Lid Safety Mechanism:** The grinder features a double safety design. It will only operate when the lid is fully closed and securely buckled, triggering the internal induction switch. Ensure there is no gap among the rod, screw, and buckle.
- **Overload Protection:** An automatic overload protector will activate if the motor is strained, stopping operation to prevent damage. If this occurs, unplug the unit, allow it to cool, and reduce the load before restarting.
- **Operation Time:** To prevent overheating, operate the grinder for a maximum of 5 minutes continuously. Allow a rest period of 5-10 minutes between grinding cycles.
- **Cleaning:** Never immerse the motor base or grinding tank in water. Use a dry rag or brush for cleaning.
- **Blade Handling:** Blades are sharp. Exercise caution when handling or cleaning the grinding chamber.

2. PRODUCT OVERVIEW

Components

The VEVOR 550g Electric Grain Mill Grinder includes the following main components and accessories:

- **Main Unit:** Motor base, grinding tank, upper cover with handle.

- **Blades:** Triple-layer crushing blade, horn blade, powder removal blade.
- **Control Panel:** Timer knob (0-5 minutes), power indicator, overload protector button.
- **Accessories:** Carbon brushes (replacement), cleaning brush, sleeve tool (for blade maintenance), sieve.



Image 2.1: VEVOR 550g Electric Grain Mill Grinder and accessories.

Key Features

- **High-Speed Grinding:** Equipped with a 2000W motor operating at 28000 r/min, capable of grinding dry materials to a superfine powder (30-300 mesh) in as little as 30 seconds.
- **Durable Construction:** Made from food-grade stainless steel for the grinding tank and blades, ensuring longevity and hygiene.
- **Enhanced Safety:** Features a lid-activated safety switch and an automatic overload protector for user protection and appliance longevity.
- **User-Friendly Timer:** An integrated 0-5 minute timer allows for precise control over grinding duration.
- **Versatile Application:** Suitable for grinding various dry materials including grains (soy, corn, barley, wheat, oats, rye, peas, coffee beans), spices (fennel, pepper, cinnamon, rosemary), and other tough items (when pre-sliced).



Image 2.2: Internal view of the grinder's components.

3. SETUP

1. **Unpack:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Placement:** Place the grinder on a stable, flat, and dry surface. Ensure adequate ventilation around the unit.
3. **Initial Cleaning:** Before first use, wipe the grinding tank and blades with a dry or slightly damp cloth. Ensure all parts are completely dry before operation. Do not wash the main unit with water.
4. **Power Connection:** Plug the power cord into a grounded electrical outlet (AC110-120V 60Hz).

4. OPERATION

Preparing Materials

- Ensure all materials to be ground are completely dry. Moisture can lead to poor grinding results and damage the machine.
- For tough or large items, it is recommended to slice them into smaller pieces before grinding to optimize performance and prevent motor strain.

Grinding Process

1. **Load Material:** Open the lid and pour the dry material into the grinding tank. Do not fill more than 2/3 of the jar's capacity, and ensure the material covers the long blade.
2. **Secure Lid:** Close the lid firmly and buckle it completely. The grinder will not operate if the lid is not properly secured due to the safety induction switch.
3. **Set Timer:** Rotate the timer knob to your desired grinding duration (0-5 minutes). Start with shorter times (e.g., 30 seconds for coffee beans) and adjust as needed.
4. **Start Grinding:** The grinder will begin operation once the timer is set and the lid is secured.
5. **Monitor and Rest:** Observe the grinding process. For optimal performance and to prevent overheating, operate for a maximum of 5 minutes, then allow the machine to rest for 5-10 minutes before continuing.
6. **Retrieve Ground Material:** Once grinding is complete and the machine has stopped, unbuckle and

open the lid. Carefully pour out the ground powder.

7. **Fineness Adjustment:** If a finer powder is desired, you can use the included sieve to separate coarser particles and re-grind them.



Image 4.1: Pouring ground material after operation.

5. MAINTENANCE AND CLEANING

Cleaning

1. **Unplug:** Always unplug the grinder from the power outlet before cleaning.
2. **Dry Cleaning:** Use the provided cleaning brush or a dry rag to remove any residual powder from the grinding tank and blades.
3. **Exterior:** Wipe the exterior of the unit with a dry or slightly damp cloth.
4. **Avoid Water:** Do not rinse the grinding tank directly with water, and never immerse the motor base in water. Moisture can damage electrical components.

Storage

After cleaning, ensure all parts are completely dry. Leave the lid off for a period to allow air drying before replacing it. Store the grinder in a dry, cool place.

Blade Replacement

The grinder comes with replacement blades. If the existing blades become dull or damaged, use the provided sleeve tool to carefully unscrew and replace them. Ensure the new blades are securely fastened before operating the machine.



Image 5.1: View of the grinding blades.

6. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Grinder does not turn on.	Lid not fully buckled or induction switch not triggered.	Ensure the lid is rotated to the end and securely buckled, with no gap among the rod, screw, and buckle.
Grinder stops during operation.	Overload protector activated due to excessive load or continuous operation.	Unplug, allow the unit to cool for 10-15 minutes. Reduce the amount of material or ensure materials are properly prepared. Press the overload protector reset button if visible.
Grinding result is not fine enough.	Insufficient grinding time or material type.	Increase grinding time (within 5-minute limit). Sieve out coarser particles and re-grind them. Ensure materials are completely dry.
Machine becomes warm during use.	Normal operation, or prolonged continuous use.	This is normal. If it becomes excessively hot, allow the machine to rest for 5-10 minutes after every 5 minutes of operation.

7. SPECIFICATIONS

Detailed specifications for the VEVOR 550g Electric Grain Mill Grinder (Model HC-550):



Image 7.1: Product Specifications.

Feature	Detail
Model Number	HC-550
Power	2000W
Motor Speed	28000 r/min
Input Voltage	AC110-120V 60Hz
Grinding Capacity	550g (1.21 lbs)
Grinding Fineness	30-300 Mesh
Continuous Operation Time	5 minutes (max)
Hopper Material	Stainless Steel
Product Weight	7.48 lbs (3.3 kg)
Product Dimensions (L x W x H)	7.7" x 6.3" x 14.4" (195 x 160 x 365 mm)

8. WARRANTY AND SUPPORT

VEVOR products are designed for reliability and performance. For warranty information or technical support, please refer to the documentation included with your purchase or contact VEVOR customer service directly.

Manufacturer: VEVOR

Address: Sanven Technology Ltd., Suite 250, 9160 Anaheim Place, Rancho Cucamonga, CA 91730

For further assistance, please visit the official VEVOR website or contact their customer support channels.

