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VEVOR HC-150J

VEVOR Electric Grain Mill Grinder HC-150J User Manual

Comprehensive instructions for safe and efficient use of your VEVOR Electric Grain Mill Grinder.

1. Important Safety Instructions

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the power supply matches the voltage specified on the appliance.
- Do not immerse the motor base or power cord in water or other liquids.
- Keep hands and utensils out of the grinding chamber during operation to prevent injury.
- Unplug the grinder from the outlet when not in use, before assembling or disassembling parts, and before cleaning.
- This appliance is designed for grinding **dry materials only**. Do not process wet, oily, or sticky ingredients such as fresh fruits, meat, oily nuts, or sugar, as this can damage the motor and blades.
- Ensure the lid is securely closed before starting the grinder.
- Do not operate the appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Keep the appliance out of reach of children.
- Allow the motor to cool down for 5-10 minutes after 5 minutes of continuous operation to prevent overheating.

2. Product Overview

The VEVOR Electric Grain Mill Grinder HC-150J is a high-speed pulverizer designed for efficiently grinding various dry materials into fine powder.

2.1 Components

- Grinding Chamber with Triple Stainless Steel Blades
- Secure Lid with Locking Mechanism
- Powerful 850W Motor (28,000 RPM)
- Control Panel with Timer Settings (5s, 15s, 30s)
- Overload Protection Button
- Anti-vibration Pads

2.2 Grindable and Non-Grindable Materials

This grinder is specifically designed for dry, non-oily, and non-sticky ingredients.



Figure 1: Examples of grindable and non-grindable materials. Only process dry ingredients.



Figure 2: Materials to avoid: wet, fresh, oily, or sticky items.

Grindable: Grains (wheat, soybeans, corn, rice), coffee beans, spices (pepper, cinnamon, anise, chili pepper), dried herbs, and dry nuts. For harder ingredients, pre-cut them into smaller pieces.
Non-Grindable: Fresh fruits, meat, oily nuts (e.g., peanuts with high oil content), sugar, salt, and any wet or sticky materials.

3. Setup

1. **Unpack:** Carefully remove the grinder and all accessories from the packaging.
2. **Inspect:** Check the appliance for any signs of damage. Do not use if damaged.
3. **Placement:** Place the grinder on a stable, dry, and level surface. Ensure there is adequate ventilation around the unit.
4. **Initial Cleaning:** Before first use, wipe the grinding chamber and blades with a damp cloth. Ensure all parts are completely dry before use.

4. Operating Instructions

Follow these four simple steps for effective grinding:

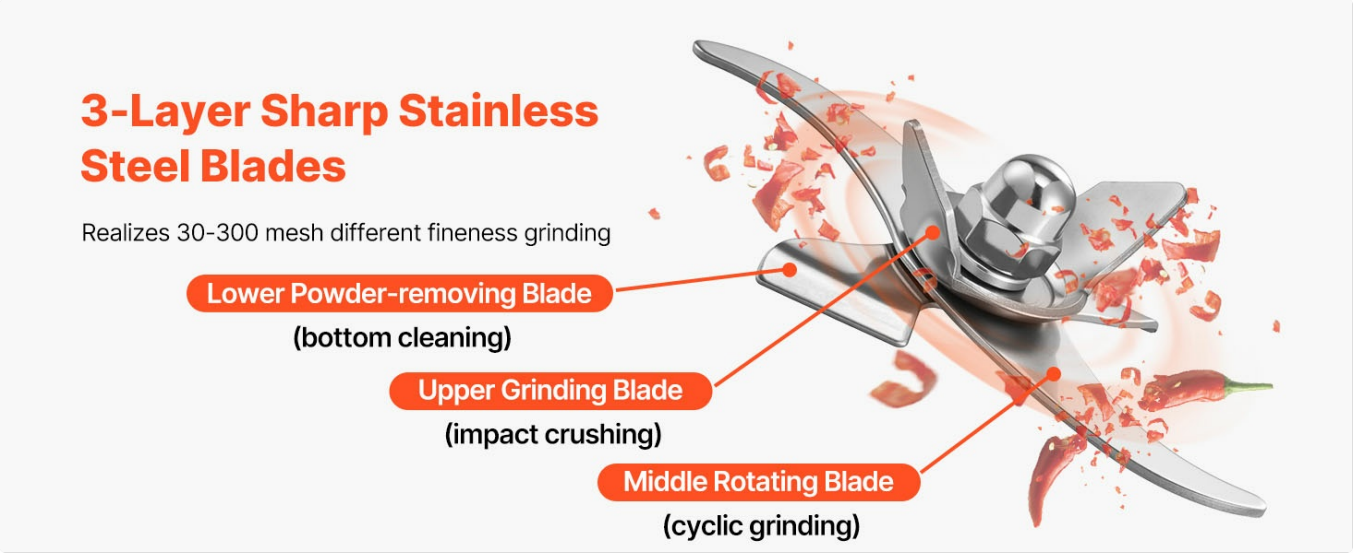

Figure 3: Visual guide to the 4-step grinding process.

1. **Step 1: Add Ingredients**
   Open the lid and pour your dry material into the grinding chamber. Do not overfill; the maximum capacity is 150g.
2. **Step 2: Close the Lid**
   Securely close the lid. Ensure the locking mechanism is engaged to prevent powder leakage and ensure safe operation. The grinder will not operate if the lid is not properly secured.
3. **Step 3: Set Time and Start Grinding**
   Plug in the grinder. Use the timer settings (5s, 15s, 30s) to select your desired grinding duration. Press the start button. The grinder will automatically stop after the set time.
4. **Step 4: Retrieve Powder**
   Once grinding is complete and the blades have stopped, unplug the unit. Carefully open the lid and pour out your freshly ground powder.

4.1 Adjusting Fineness

The grinding fineness can be adjusted by varying the grinding time. Shorter times result in coarser powder, while longer times produce finer powder. The grinder can achieve fineness from 30 to 300 mesh.

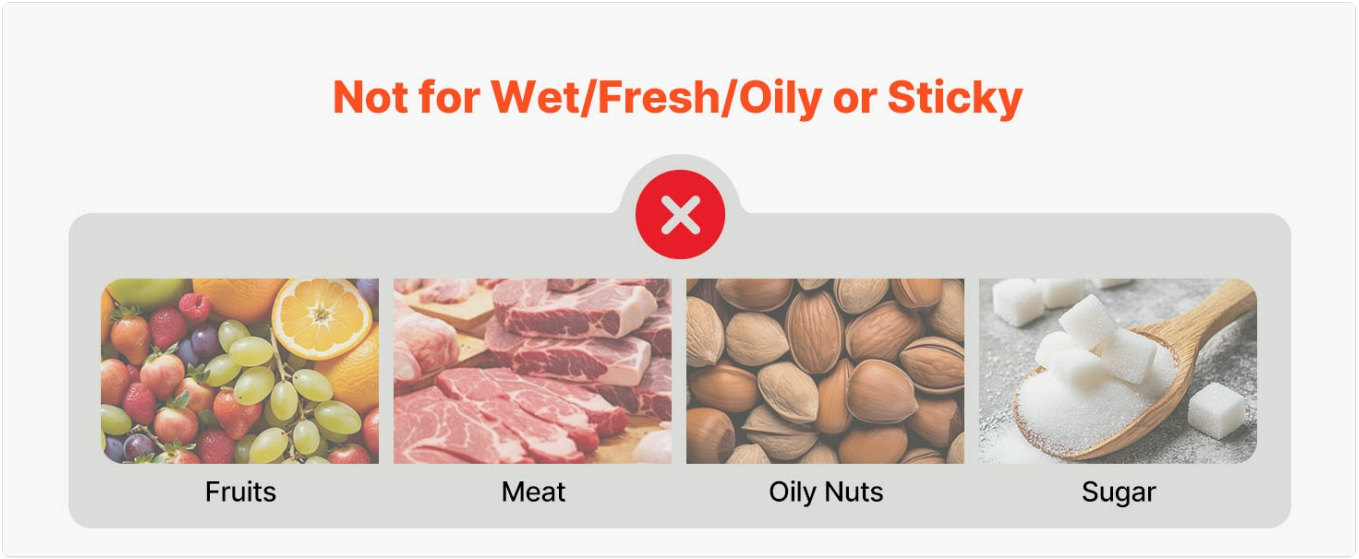

Figure 4: Fineness levels achieved with different grinding durations.

Note: For optimal performance and to prevent overheating, do not operate the grinder continuously for more than 5 minutes. Allow a 5-10 minute rest period between grinding cycles.

5. Maintenance and Cleaning

Regular cleaning ensures the longevity and hygiene of your grinder.

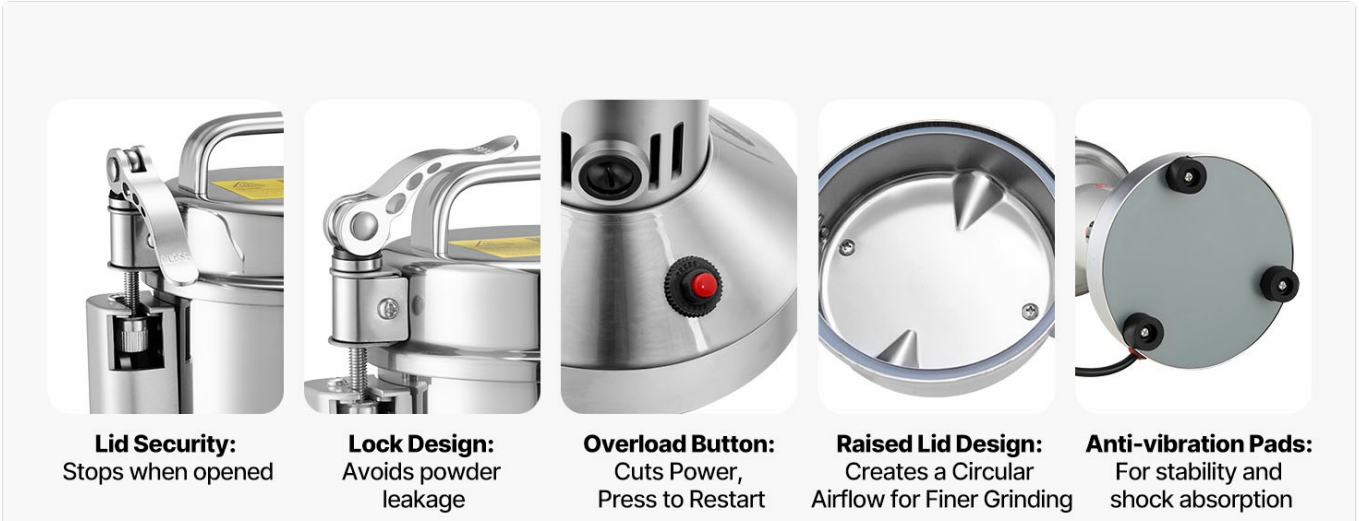

Figure 5: Cleaning the grinding chamber and blades.



Figure 6: Important: Do not wash the main unit with water.

5.1 Cleaning Procedure

1. **Unplug:** Always unplug the grinder before cleaning.
2. **Clean Chamber:** Use a brush or a slightly damp cloth to clean the inside of the grinding chamber. Ensure no residue remains.
3. **Clean Blades:** Carefully remove the blades using the provided socket tool (if applicable) or by unscrewing the nut counterclockwise. Wipe the blades clean with a damp cloth.
4. **Wipe Exterior:** Wipe the exterior of the grinder with a dry or slightly damp cloth.
5. **Drying:** Ensure all parts are completely dry before reassembling or storing the grinder.

Important: Do not rinse the main unit or motor base directly with water. This can cause electrical damage. The brush and sleeve for blade removal are typically included accessories.

5.2 Blade Replacement

If blades become dull or damaged, they can be replaced.



Figure 7: Steps for replacing the grinding blades.

1. Unplug the grinder.
2. Use a screwdriver to hold the blade steady while unscrewing the central nut counterclockwise.

3. Remove the washer and the old blades.
4. Install the new blade in the original order, ensuring it sits correctly.
5. Tighten the nut clockwise until secure.

5.3 Carbon Brush Replacement

The carbon brushes may need replacement over time due to wear.



Figure 8: Steps for replacing the carbon brushes.

1. Unplug the grinder.
2. Locate the carbon brush covers on the side of the motor housing.
3. Unscrew the carbon brush cover counterclockwise using a slotted screwdriver.
4. Carefully remove the worn carbon brush and replace it with a new one.
5. Reinstall and tighten the cover.
6. It is recommended to replace both carbon brushes at the same time for even wear.

6. Troubleshooting

If you encounter issues with your grinder, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Grinder does not start	Not plugged in; Lid not securely closed; Overload protection activated; Power outage.	Check power connection; Ensure lid is fully locked; Press the overload reset button; Check household power.
Grinding is inconsistent or too coarse	Insufficient grinding time; Overfilled chamber; Dull blades.	Increase grinding time; Reduce material quantity; Replace blades.

Problem	Possible Cause	Solution
Unit overheats and stops	Continuous operation for too long; Processing unsuitable materials.	Allow unit to cool for 5-10 minutes; Ensure only dry materials are processed.
Powder leaks from lid	Lid not properly sealed; Overfilled chamber.	Ensure lid is securely locked; Do not exceed maximum capacity.
Unusual noise during operation	Foreign object in chamber; Loose blades; Worn carbon brushes.	Unplug and inspect chamber; Tighten blades; Replace carbon brushes.

If the problem persists after attempting these solutions, please contact VEVOR customer support.

7. Specifications

Detailed technical specifications for the VEVOR Electric Grain Mill Grinder HC-150J:



Figure 9: Product dimensions.

Model Number	HC-150J
Rated Power	850W
Rotating Speed	28,000 RPM
Max. Grinding Capacity	150g (0.3 lbs)
Grinding Fineness	30 - 300 mesh
Continuous Working Time	5 Minutes (with 5-10 minute rest)
Voltage	110 Volts
Main Material (Housing)	430 Stainless Steel
Blades Material	3Cr13 Stainless Steel

Base Material	Nylon with spray coating
Net Weight	1.7 kg (3.7 lbs)
Product Dimensions (L x W x H)	163 x 135 x 345 mm (6.42" x 5.31" x 13.58")

8. Warranty and Support

VEVOR products are designed for durability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official VEVOR website.
If you require technical assistance, have questions about operation, or need to order replacement parts, please contact VEVOR customer support through their official channels. When contacting support, please have your model number (HC-150J) and purchase details readily available.
You can find more information and support at theVEVOR Store on Amazon.

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