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VEVOR GM-002

VEVOR Electric Grain Mill Grinder GM-002 Instruction Manual

Model: GM-002

1. Introduction

Welcome to your new VEVOR Electric Grain Mill Grinder, Model GM-002. This manual provides essential information for the safe and efficient operation of your machine, designed for both wet and dry grinding of various grains, spices, and other food items. Please read this manual thoroughly before initial use and retain it for future reference.

2. Important Safety Instructions

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Read all instructions before operating the appliance.
- Ensure the power supply voltage matches the rating label on the grinder.
- Always unplug the grinder from the power outlet before cleaning, maintenance, or when not in use.
- Keep hands, hair, clothing, and utensils away from moving parts during operation to prevent injury.
- Do not operate the grinder with a damaged cord or plug, or if the appliance malfunctions or has been damaged in any manner.
- Do not immerse the motor unit in water or other liquids. Clean with a damp cloth only.
- Use the grinder on a stable, level surface to prevent tipping.
- Ensure proper ventilation around the motor during operation to prevent overheating.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not overload the machine. Follow recommended grinding capacities.
- Only use attachments and accessories specified by the manufacturer.

3. Product Overview and Components

Familiarize yourself with the main parts of your VEVOR Electric Grain Mill Grinder.



Image 3.1: Overview of the VEVOR Electric Grain Mill Grinder, showing its main components and output.

Key Components:

- **Motor Unit:** The powerful 3000W motor drives the grinding mechanism.
- **Grinding Chamber:** Houses the interchangeable grinding discs.
- **Stainless Steel Funnel:** For feeding grains into the grinding chamber.
- **Fineness Adjustment Knob:** Controls the gap between grinding discs to achieve desired fineness.

- **Output Spout:** Where the ground material exits the machine.
- **Sturdy Stand:** Provides stability during operation.
- **Grinding Discs:** Includes a cast iron milling disc for dry grinding and a sand milling disc for wet grinding.



Image 3.2: The two interchangeable grinding discs for wet and dry applications.

4. Setup and Assembly

Follow these steps to assemble your grain mill before first use.

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packing list are present and undamaged.
2. **Assemble the Stand:** Attach the legs to the main frame of the stand using the provided hardware. Ensure all bolts are

securely tightened.

3. **Mount the Grinder Unit:** Place the main grinder unit onto the assembled stand. Secure it firmly with the designated bolts and nuts.
4. **Install the Funnel:** Attach the stainless steel funnel to the top opening of the grinding chamber. Ensure it is seated correctly and stable.
5. **Select Grinding Disc:** Open the grinding chamber cover. Choose the appropriate grinding disc (cast iron for dry, sand for wet) and install it securely. Close the cover.
6. **Position for Use:** Place the assembled grinder on a stable, level surface. Ensure there is adequate space for the output spout to discharge into a collection container.

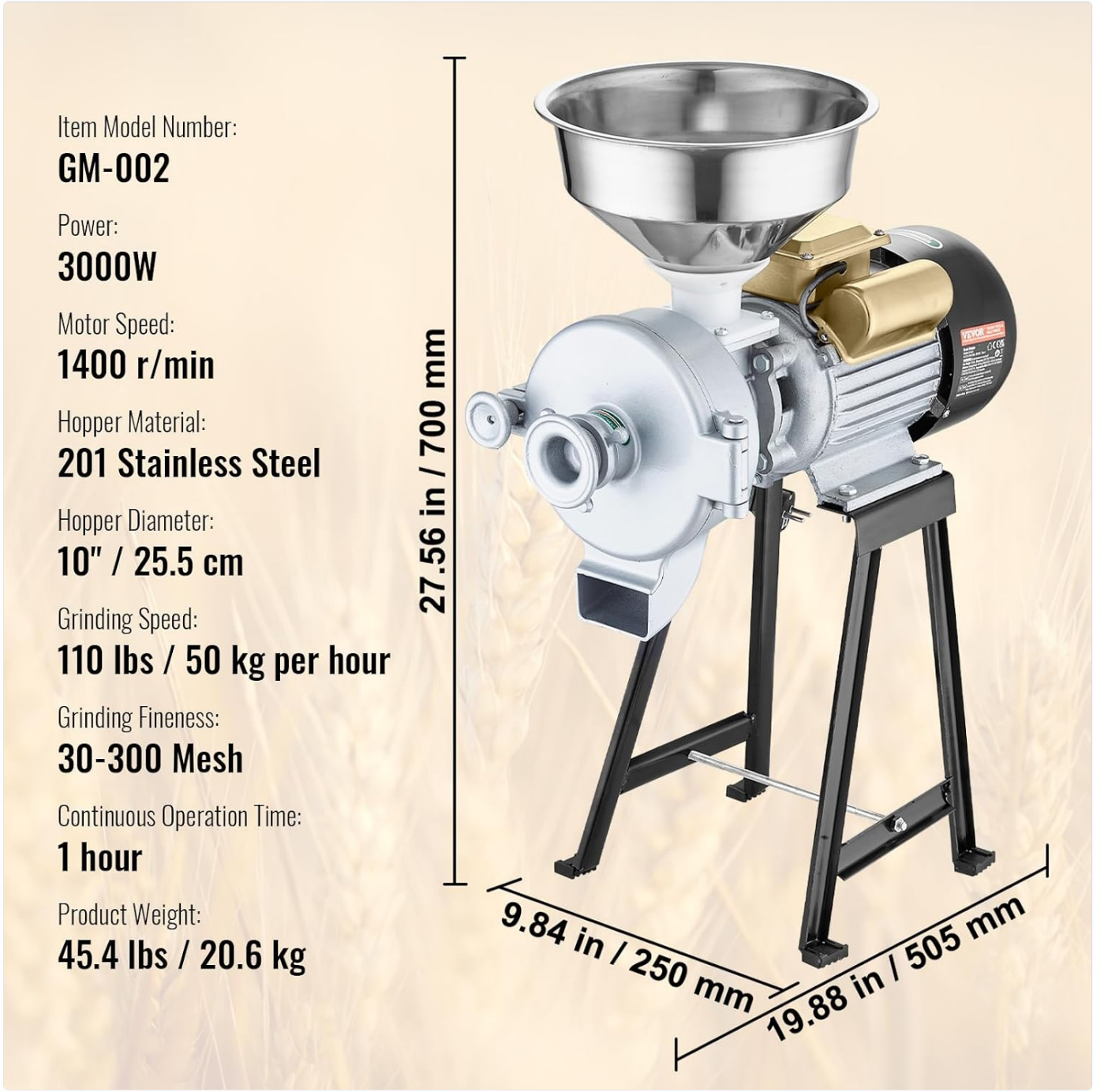


Image 4.1: Product dimensions for proper placement and setup.

5. Operating Instructions

5.1 General Operation

1. Ensure the grinder is properly assembled and placed on a stable surface.
2. Verify that the correct grinding disc is installed for your desired application (wet or dry).
3. Place a suitable collection container under the output spout.
4. Plug the power cord into a grounded electrical outlet. Note: This model may not feature an integrated power switch. It will start operating immediately upon being plugged in. Consider using an external power strip with an on/off switch for convenient control.
5. Slowly feed the material into the funnel. Do not force large quantities at once.
6. Monitor the grinding process. If the machine struggles or jams, unplug it immediately and clear any obstructions.
7. After grinding, unplug the machine from the power source.

5.2 Wet Grinding

For wet grinding, use the **sand milling disc**. This disc is ideal for processing soaked materials such as soybeans and rice into a pulp, suitable for making soy milk or rice cakes.

- Ensure materials are adequately soaked as per recipe requirements.
- Feed soaked materials into the funnel at a consistent, moderate pace.
- Collect the resulting pulp in a container.

5.3 Dry Grinding

For dry grinding, use the **cast iron milling disc**. This disc is designed for grinding dry grains, spices, coffee beans, corn, wheat, and other similar materials into fine powder.

- Ensure materials are completely dry before grinding.
- Feed dry materials into the funnel.
- Adjust the fineness knob as described below to achieve the desired powder consistency.

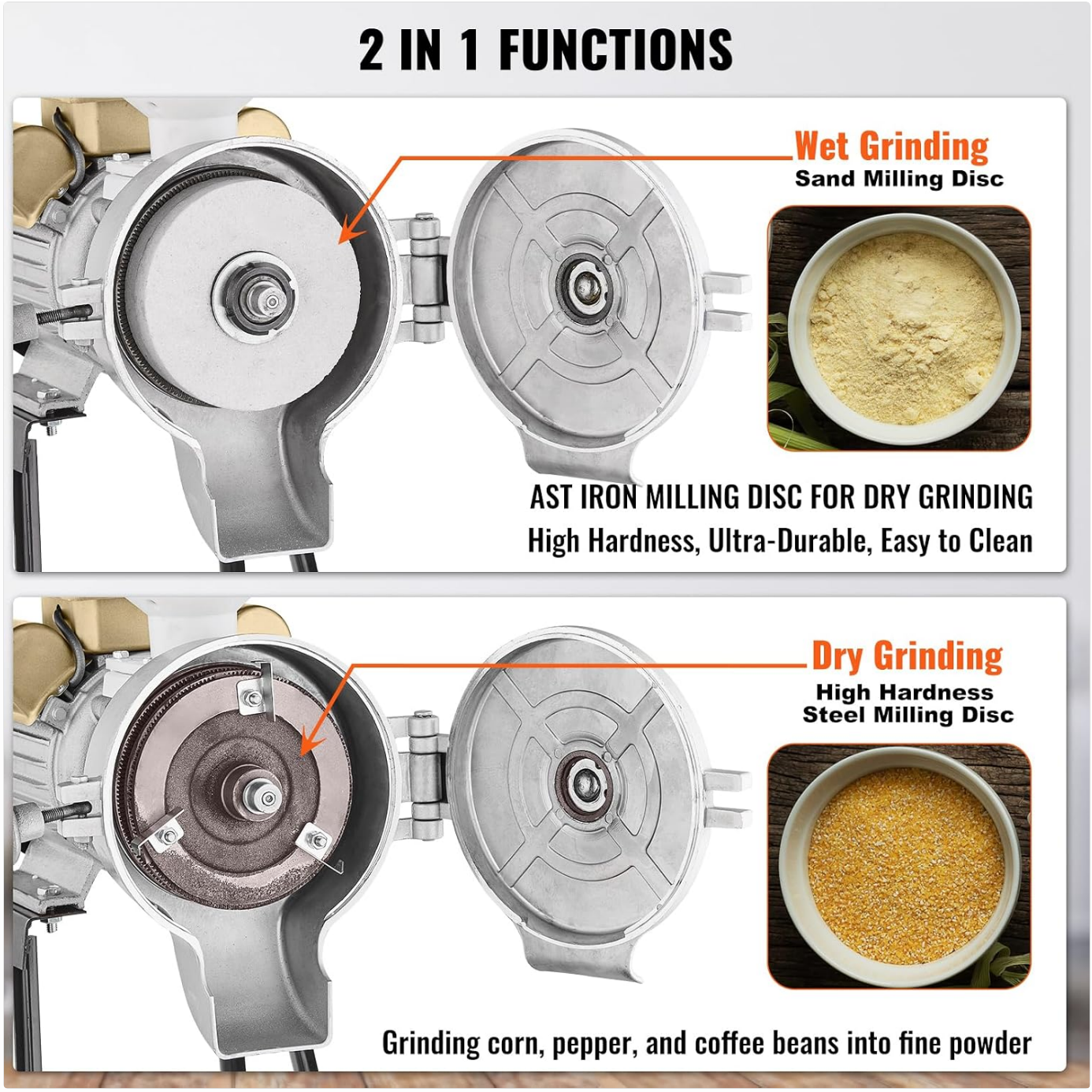


Image 5.1: Examples of materials suitable for grinding with the VEVOR mill.

5.4 Adjusting Grinding Fineness

The fineness of the grind can be adjusted using the knob located on the front of the grinding chamber.

- **Clockwise Rotation:** Turning the knob clockwise will decrease the gap between the grinding discs, resulting in a finer powder (e.g., corn flour).
- **Counter-clockwise Rotation:** Turning the knob counter-clockwise will increase the gap, producing a coarser grind (e.g., corn grits or grated corn).

Adjust the knob gradually and test the output until the desired fineness is achieved.

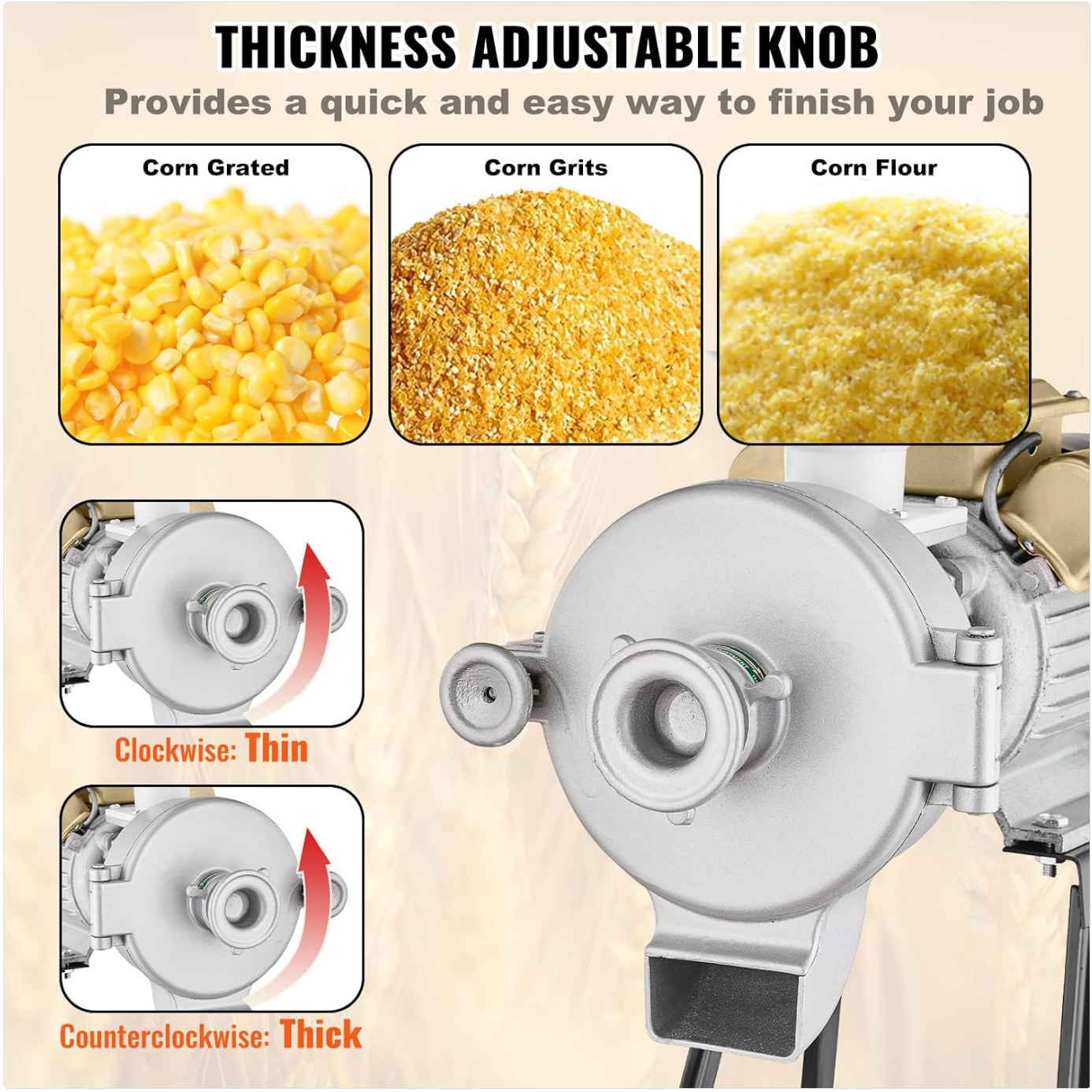


Image 5.2: How to adjust the grinding fineness.

6. Maintenance and Cleaning

Regular cleaning and maintenance will ensure the longevity and optimal performance of your VEVOR Electric Grain Mill Grinder.

6.1 Cleaning

1. **Unplug First:** Always ensure the grinder is unplugged from the power source before cleaning.
2. **Disassemble:** Carefully remove the funnel and open the grinding chamber cover.
3. **Remove Residue:** Use a brush or dry cloth to remove any remaining grain or powder from the funnel, grinding chamber, and discs. For wet grinding residue, a damp cloth can be used, ensuring all parts are thoroughly dried

afterward to prevent rust.

4. **Clean Exterior:** Wipe the exterior of the motor unit and stand with a damp cloth. Do not use abrasive cleaners or immerse the motor in water.
5. **Dry Thoroughly:** Ensure all components, especially the grinding discs and chamber, are completely dry before reassembly or storage.

6.2 Disc Inspection and Replacement

The grinding discs are wear parts and will need occasional inspection and replacement to maintain grinding efficiency.

- **Inspection:** Periodically inspect the grinding surfaces for signs of significant wear, dullness, or damage. Worn discs can lead to inconsistent grinding results.
- **Replacement:** If discs are worn, they can be replaced. The discs are often two-sided and interchangeable, meaning you can flip them to utilize a fresh grinding surface before needing a new set. Refer to the manufacturer's guidelines or contact support for replacement parts.
- **Reassembly:** When replacing or flipping discs, ensure they are seated correctly and the grinding chamber cover is securely fastened before operating the machine.

7. Troubleshooting

This section addresses common issues you might encounter during the operation of your grain mill.

Problem	Possible Cause	Solution
Grinder does not start when plugged in.	No integrated power switch; power outlet issue; internal wiring fault.	Ensure the power outlet is functional. If the model lacks an on/off switch, it will start immediately upon plugging in. Consider using a power strip with a switch for control. If still no power, contact VEVOR support.
Machine struggles or jams during grinding.	Overloading; material too hard or wet for disc; foreign object.	Reduce the amount of material fed into the funnel. Ensure the correct disc is used for wet/dry grinding. Unplug the machine and carefully check for and remove any obstructions.
Inconsistent grinding fineness.	Improper fineness adjustment; worn grinding discs; inconsistent feeding.	Adjust the fineness knob gradually. Inspect grinding discs for wear and replace if necessary. Feed material at a steady rate.
Excessive vibration or noise.	Loose assembly bolts; uneven surface; internal component issue.	Check and tighten all assembly bolts, especially on the stand. Ensure the grinder is on a stable, level surface. If the issue persists, contact VEVOR support.
Motor overheats.	Continuous operation for too long; blocked ventilation.	Allow the motor to cool down. Ensure ventilation openings are clear and not obstructed. Adhere to the recommended continuous operation time (e.g., 1 hour).

8. Technical Specifications

Below are the technical specifications for the VEVOR Electric Grain Mill Grinder, Model GM-002.

- **Model Number:** GM-002
- **Power:** 3000W
- **Voltage:** 110 Volts
- **Motor Speed:** 1400 r/min
- **Hopper Material:** 201 Stainless Steel
- **Hopper Diameter:** 10 inches / 25.5 cm
- **Grinding Speed:** Approximately 110 lbs / 50 kg per hour (for dry corn grain)
- **Grinding Fineness:** 30-300 Mesh (adjustable)
- **Continuous Operation Time:** Recommended 1 hour (allow cooling period between uses)
- **Product Dimensions (L x W x H):**19.88" x 9.84" x 27.56" (505mm x 250mm x 700mm)
- **Item Weight:** 45.4 pounds / 20.6 kg
- **Color:** Black

9. Warranty and Support

VEVOR is committed to providing reliable products and customer satisfaction. For any questions, technical assistance, or warranty claims regarding your GM-002 Electric Grain Mill Grinder, please contact VEVOR customer support.

You can find more information and support resources by visiting the official VEVOR website or their store page:

VEVOR Official Store on Amazon

Please have your model number (GM-002) and purchase information ready when contacting support.

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