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› Leegol Electric Double Drum 6LB Lapidary Polisher User Manual

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Model: Double Drum 6LB Lapidary Polisher

Brand: Leegol Electric

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Leegol Electric Double Drum 6LB Lapidary Polisher. Follow these guidelines to transform rough rocks into smooth, polished gemstones. The process typically takes 4-6 weeks, depending on the desired finish and rock hardness.

SETUP

Unboxing and Components

Carefully remove all components from the packaging. The package includes the rock tumbler machine, two 3LB capacity rubber barrels, 2x0.5lbs of walnut shell media, five V-belts, and this instruction manual. Inspect all parts for any damage before proceeding.



Figure 1: The Leegol Electric Double Drum Lapidary Polisher. This unit features a durable motor and a robust design for efficient rock tumbling.

Initial Assembly

The tumbler base is pre-assembled. Ensure the V-belt is correctly seated on the motor pulley and barrel rollers. The improved, leak-proof rubber barrels are designed for quieter operation.

High Quality Rubber Durable and Low Noise



Figure 2: Close-up of the durable rubber barrels, each with a 3LB capacity, designed for reduced noise during operation.

OPERATING INSTRUCTIONS

Loading the Barrels

1. Unscrew the knurled nut on the barrel lid.
2. Pop off the barrel lid.
3. Fill each barrel with rough rocks. Do not exceed 2/3 full to allow for proper tumbling action.

Tumbling made easy

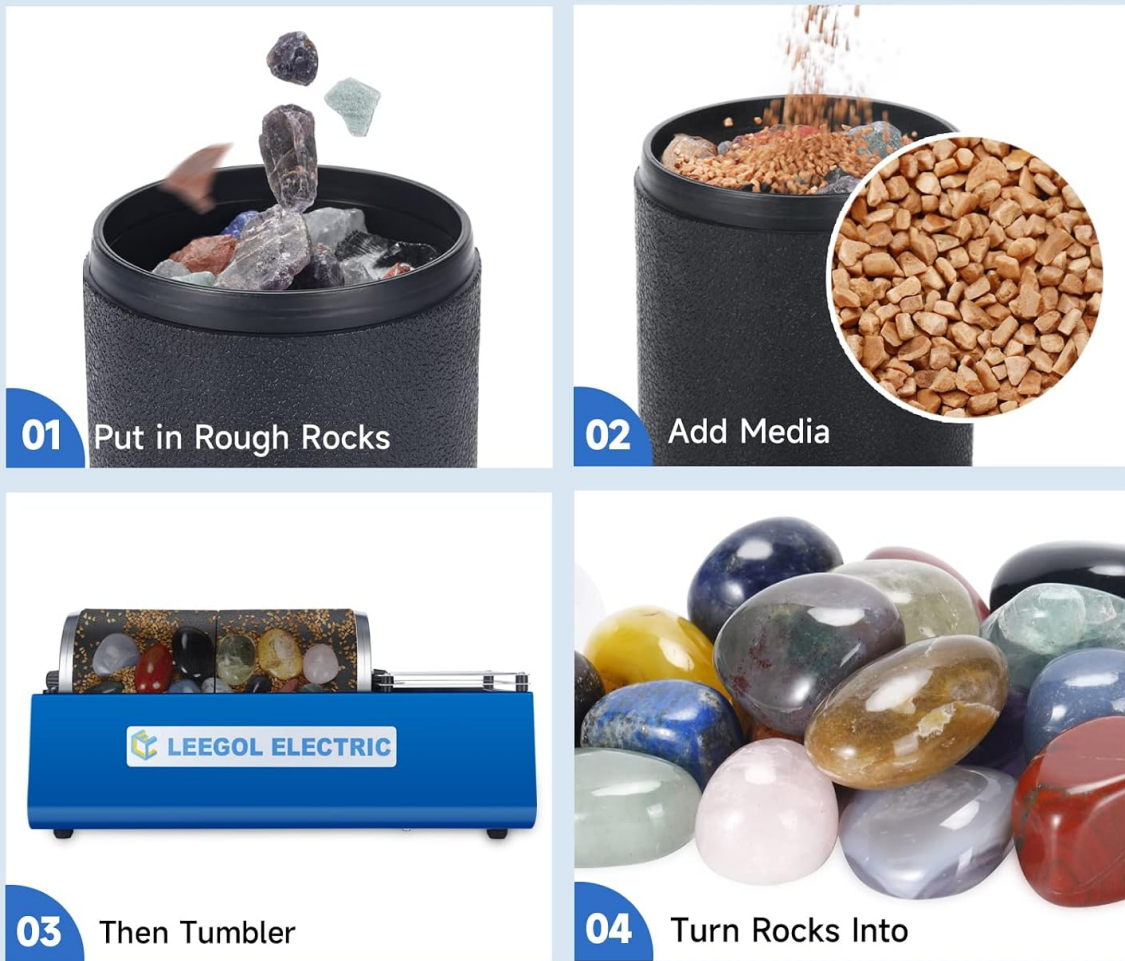


Figure 3: Visual guide for the initial steps of rock tumbling, including placing rough rocks into the barrel.

Adding Grit and Water

1. Add the appropriate grit for the current tumbling stage (e.g., coarse grit for Stage 1).
2. Pour water into the barrel until it just covers the rocks and grit.
3. Securely fasten the barrel lid, ensuring the rubber seal is properly seated to prevent leaks.

Use Guide



① Put in Rough Rocks

② Add Water



④ Turn Rocks Into



③ Then Tumbler

Figure 4: Instructions for adding water and tumbling media to the barrel, ensuring proper levels for effective polishing.

Setting Time and Speed

Place the loaded and sealed barrels onto the tumbler rollers. Plug in the power adapter (120V/60Hz). Use the control panel to select the desired tumbling duration (in days) and speed setting according to the instructions provided in the manual for each grit stage. The durable motor allows for continuous operation.



Figure 5: The rock tumbler in action, demonstrating the rotation of the barrels during the polishing process.

Tumbling Process

The rock tumbling process involves several stages, each using a different grit size to gradually smooth and polish the rocks. Detailed instructions for each stage are provided in the included guide. Regularly check the rocks as instructed to monitor progress and ensure optimal results.



Figure 6: Examples of polished rocks, showcasing the transformation from rough stones to smooth, shiny gemstones.

MAINTENANCE

Cleaning

After each tumbling stage, thoroughly clean the barrels and rocks to remove all traces of the previous grit. This prevents contamination and ensures the effectiveness of the next grit size. It is best to wash gritty stones and barrels outside with a garden hose, as grit can damage household drains.

Belt Replacement

The tumbler comes with five V-belts. If a belt wears out or breaks, replace it with a new one. Refer to the detailed instructions in the manual for proper belt replacement procedures.

TROUBLESHOOTING

If the tumbler is not operating correctly, check the following:

- **Power Connection:** Ensure the power adapter is securely plugged into both the tumbler and a working outlet.
- **Barrel Placement:** Verify that the barrels are properly seated on the rollers and rotating freely.
- **Belt Condition:** Inspect the V-belt for any signs of wear or breakage. Replace if necessary.
- **Overloading:** Ensure barrels are not overfilled (maximum 2/3 full) as this can hinder tumbling action.
- **Lid Seal:** Check that the barrel lids are tightly sealed to prevent leaks and maintain proper pressure.

SPECIFICATIONS

Power Adapter	120V/60Hz
Barrel Capacity	2 x 3LB
Motor Type	Durable Motor (supports multiple batches)
Barrel Lining	Rubber (for quieter operation)
Recommended Age	12 years and up
Item Weight	4.01 pounds
Package Dimensions	16.22 x 8.2 x 8 inches

WARRANTY

The Leegol Electric Double Drum Lapidary Polisher comes with a manufacturer warranty. Please refer to the warranty card included in your packaging for specific terms and conditions.

SUPPORT

For technical assistance, replacement parts, or any inquiries regarding your Leegol Electric product, please contact customer support through the official Leegol Electric store or the contact information provided on your warranty card.