

## Wood Trick Galaxy Marble Run

# Wood Trick Galaxy Marble Run Electric Motorized Model Instruction Manual

Model: Galaxy Marble Run | Brand: Wood Trick

## 1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Wood Trick Galaxy Marble Run Electric Motorized model. This intricate 3D wooden puzzle is designed for enthusiasts who appreciate mechanical complexity and engaging construction projects. Please read all instructions carefully before beginning assembly.

## 2. SAFETY INFORMATION

This product is a model kit and contains small parts. It is recommended for experienced DIY enthusiasts. Keep all components out of reach of small children to prevent choking hazards. Exercise caution when handling wooden pieces to avoid splinters. The electric motor requires batteries; ensure correct battery insertion and disposal. Do not force parts during assembly.

## 3. PACKAGE CONTENTS

Your Wood Trick Galaxy Marble Run kit includes:

- 678 precision-cut natural wooden pieces
- 12 metal marbles
- 1 electric motor (requires 4 AA 1.5V batteries, not included)
- Assembly instructions booklet
- Small tool for part removal



Image: The product packaging for the Wood Trick Galaxy Marble Run, showing the model and key features.

## 4. ASSEMBLY INSTRUCTIONS

Assembly of the Wood Trick Galaxy Marble Run is a challenging yet rewarding process, typically taking 6-8 hours. Follow the detailed step-by-step instructions provided in the included booklet. Pay close attention to the diagrams and ensure all pieces are correctly oriented and securely fitted.

### 4.1. Preparation

- Unpacking:** Carefully remove all wooden sheets from the box. Identify the numbered parts.
- Part Removal:** Use the provided tool or an X-Acto knife to gently detach pieces from their wooden frames. Avoid forcing parts to prevent breakage.
- Sanding and Waxing:** Lightly sand any rough edges on moving parts, especially gears and track components, to ensure smooth operation. Apply wax (not included, a candle can be used) to all moving parts as indicated in the instructions to reduce friction.

### 4.2. Step-by-Step Assembly

Follow the numbered steps in your instruction booklet. Key areas requiring precision include:

- **Gear Mechanisms:** Ensure all gears are aligned and rotate freely. Incorrect alignment can cause the motor to bind.
- **Track Connections:** Verify that all track pieces are fully seated and connected without gaps. Marbles may fly off if tracks are not properly joined.
- **Motor Installation:** Install the electric motor as directed. Ensure the battery box is correctly assembled and batteries are inserted with the correct polarity.

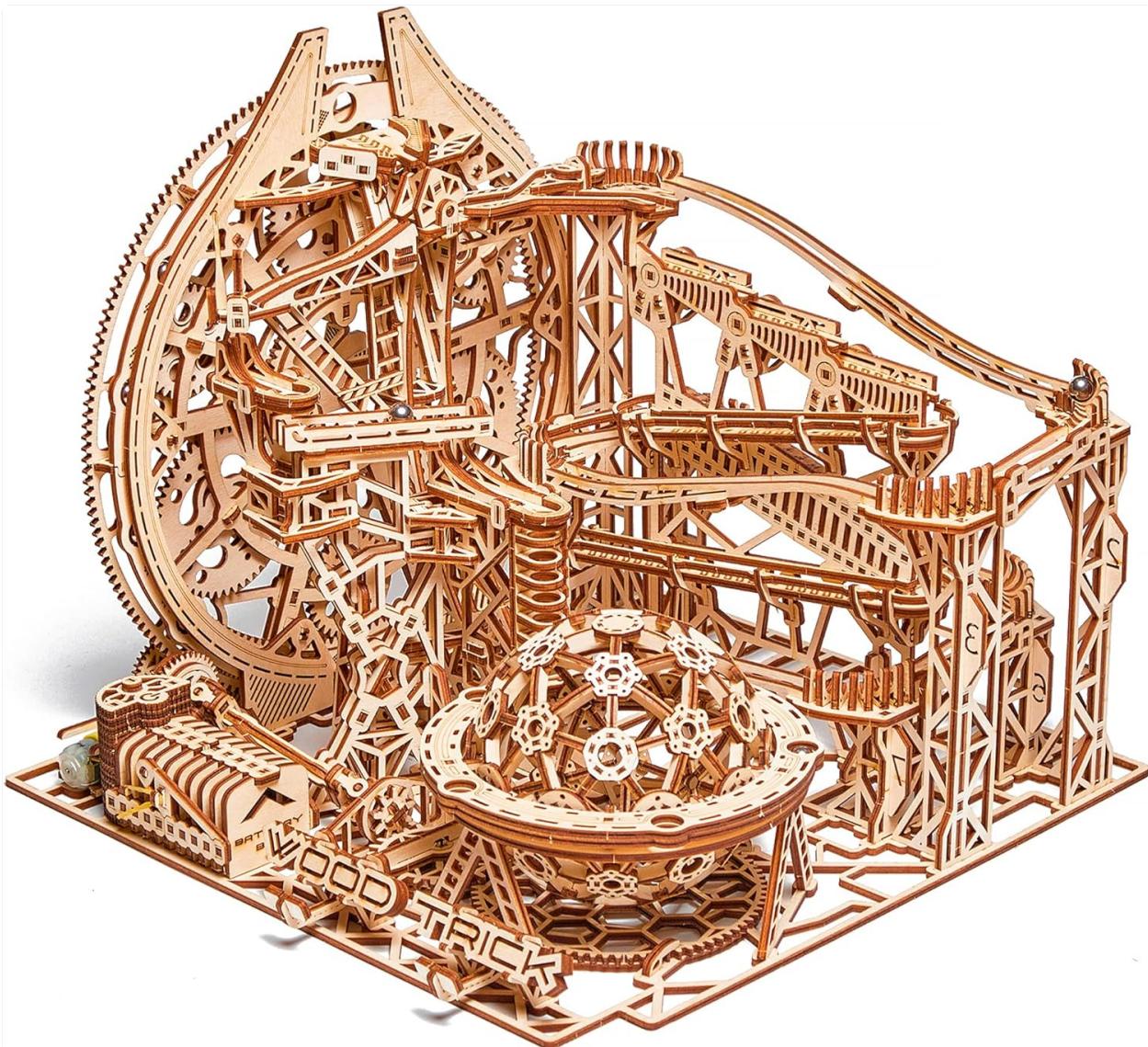


Image: A view of the fully assembled Wood Trick Galaxy Marble Run, showcasing its intricate wooden structure and marble tracks.

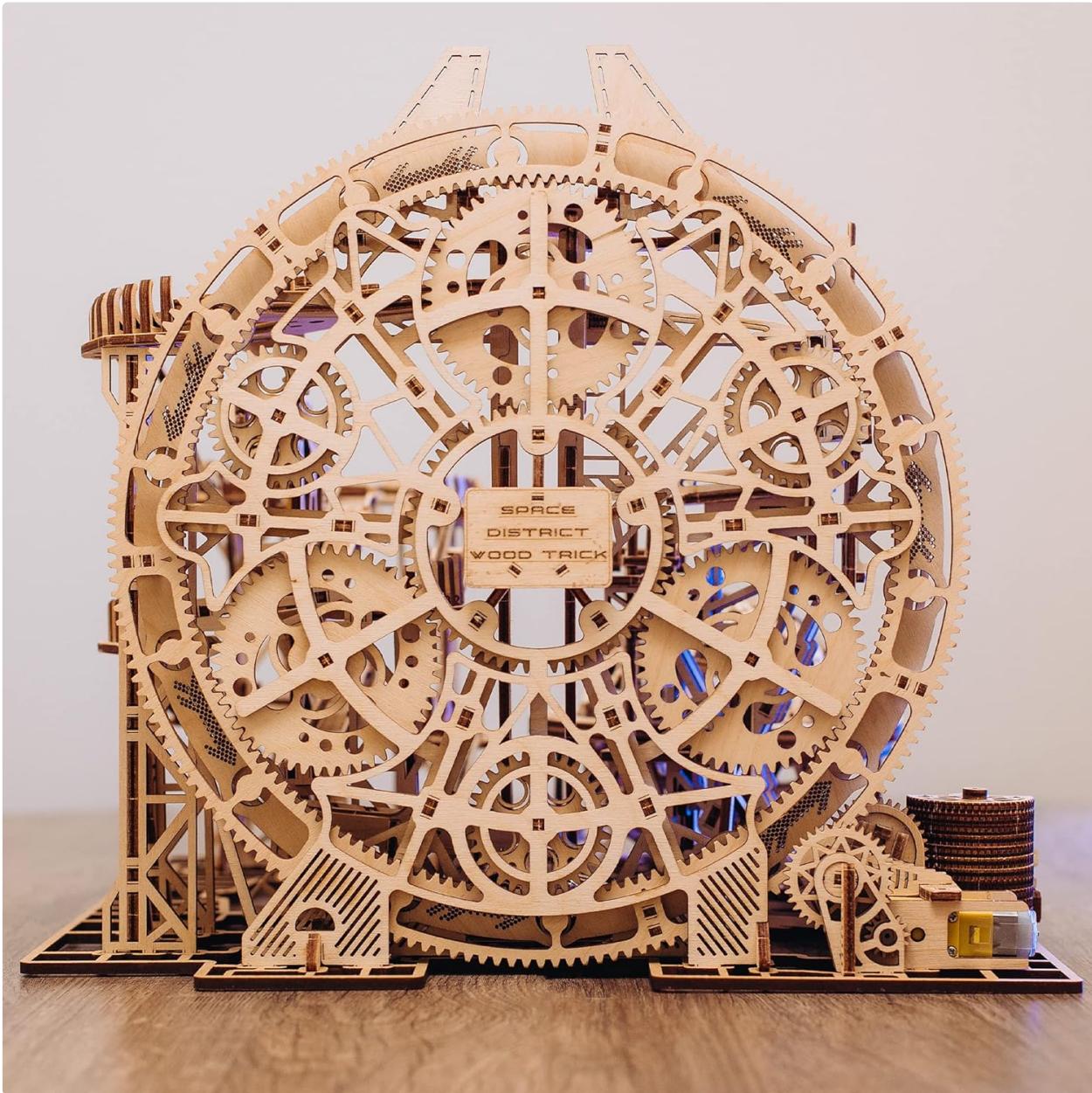


Image: A detailed view of the large gear mechanism, which is central to the marble lift system.

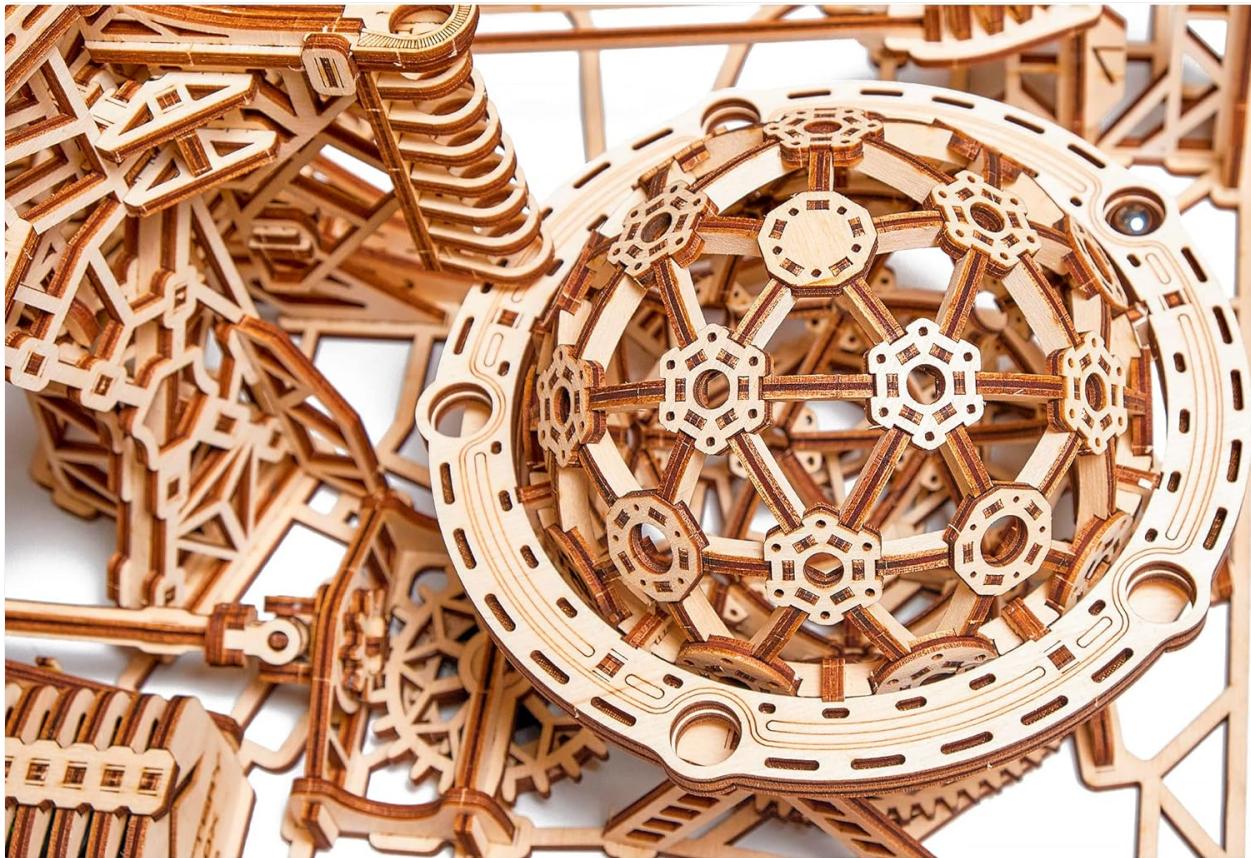


Image: A close-up of the intricate spherical marble distribution mechanism, a key feature of the model.

#### 4.3. Assembly Video Guide

For visual assistance, a detailed video guide of the assembly process is available online. Refer to the Wood Trick official website or the QR code in your instruction booklet for access.

Your browser does not support the video tag.

Video: An official overview of the Wood Trick Galaxy Marble Run Mechanical Model, demonstrating its features and operation.

### 5. OPERATING INSTRUCTIONS

Once fully assembled and batteries are installed, your Wood Trick Galaxy Marble Run is ready for operation.

- **Power On:** Locate the power switch on the battery box and turn it to the "ON" position.
- **Place Marbles:** Carefully place the included metal marbles onto the designated starting point of the track.
- **Observe Movement:** The electric motor will power the lifting mechanism, transporting the marbles to the top of the tracks. Observe as the marbles navigate the various pathways, drops, and rotations.



Image: A marble traversing one of the intricate tracks of the Galaxy Marble Run.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your marble run.

- **Cleaning:** Periodically wipe down the wooden surfaces with a dry, soft cloth to remove dust. Avoid using water or chemical cleaners.
- **Lubrication:** Reapply wax to moving parts (gears, track edges) if you notice increased friction or noise during operation.
- **Inspection:** Regularly check all connections and joints for looseness. Gently press parts back into place if they become dislodged.
- **Battery Replacement:** Replace the 4 AA batteries when the motor's performance diminishes.

## 7. TROUBLESHOOTING

If you encounter issues with your Wood Trick Galaxy Marble Run, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Marbles fly off the track.	Loose track connections or misaligned pieces.	Inspect all track joints and ensure they are fully seated. Gently adjust any misaligned sections.
Motor is running, but marbles are not moving or getting stuck.	Gears are binding, insufficient lubrication, or a part is obstructing the path.	Check all gears for proper alignment and reapply wax if necessary. Ensure no loose pieces or debris are blocking the marble path. Verify the lifting mechanism is clear.

Problem	Possible Cause	Solution
Motor is not running.	Dead batteries, incorrect battery insertion, or loose wiring.	Replace batteries with fresh 4 AA 1.5V batteries. Check battery polarity. Ensure all motor connections are secure.
Parts broke during assembly.	Excessive force applied during assembly.	Contact Wood Trick customer support for replacement parts if available. Use wood glue for minor repairs if suitable. Always use gentle pressure and follow instructions.

## 8. SPECIFICATIONS

- **Model Name:** Wood Trick Galaxy Marble Run
- **Product Dimensions:** 14.96 x 12.6 x 14.37 inches (L x W x H)
- **Item Weight:** 5.85 pounds
- **Number of Pieces:** 678
- **Material:** Natural Wood
- **Power Source:** Electric Motor (requires 4 AA 1.5V batteries, not included)
- **Recommended Age:** 12+ years
- **Approximate Assembly Time:** 6-8 hours

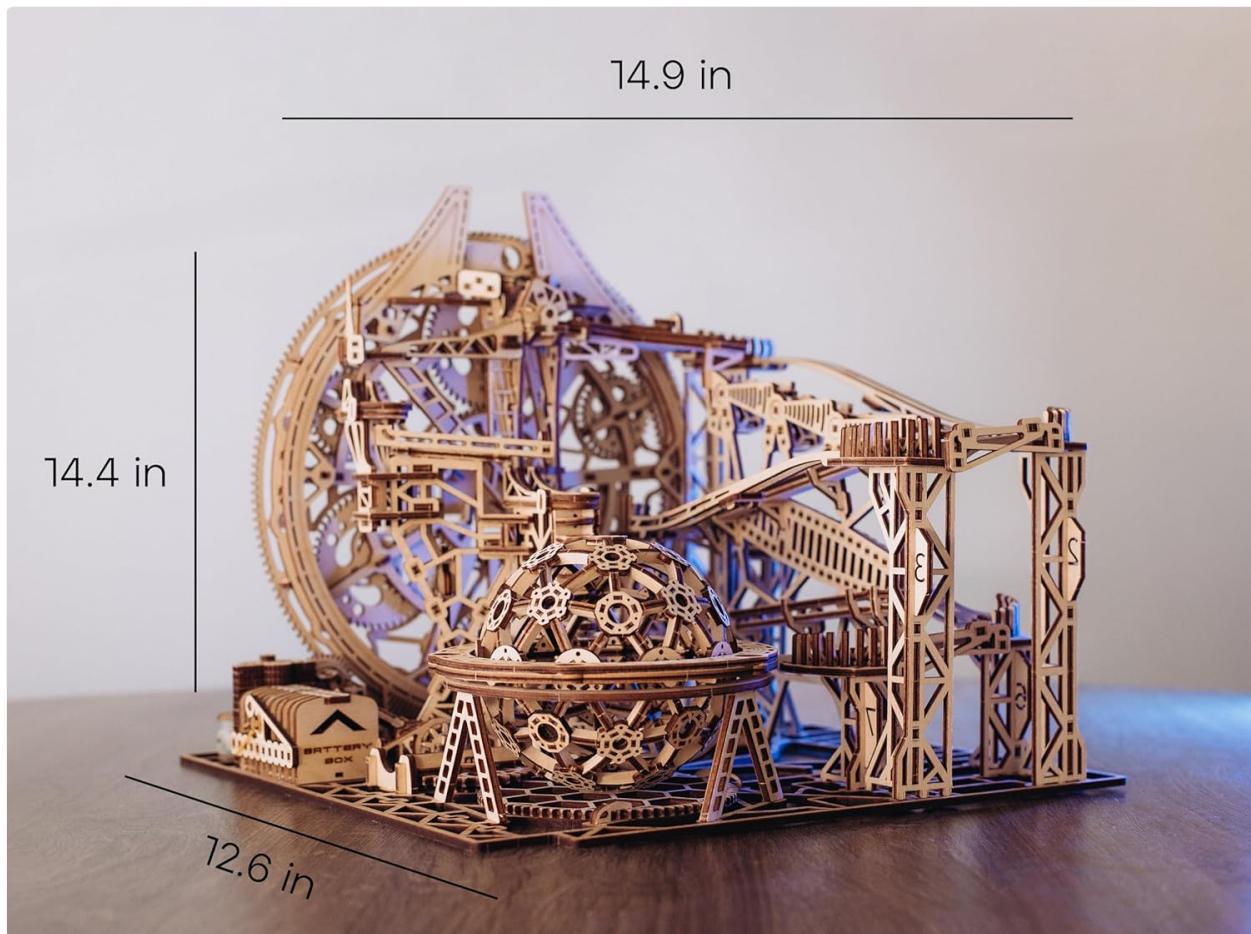


Image: Visual representation of the dimensions of the assembled Wood Trick Galaxy Marble Run model.

## 9. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For any questions, missing parts, or support inquiries, please contact Wood Trick customer service directly through their official website or the retailer where the product was purchased. Always refer to the contact information provided in your product packaging for the most accurate support details.

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