

Reobrix 22023

Reobrix Electric Mining Machine Building Set 22023 Instruction Manual

Model: 22023

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Reobrix Electric Mining Machine Building Set, Model 22023. This set is designed to offer an engaging construction experience and an interactive simulation of mining operations using GBC balls and a conveyor belt system.

2. SAFETY INFORMATION

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age. Keep all small components away from young children.
- **Age Recommendation:** Recommended for ages 14 and up. Adult supervision is advised during assembly and operation.
- **Battery Safety:** The electric components require 6 AA batteries (not included). Ensure batteries are inserted with correct polarity (+/-). Do not mix old and new batteries, or different types of batteries. Remove batteries if the product is not used for an extended period. Dispose of used batteries responsibly.
- **Electrical Components:** Handle motors and battery box with care. Do not expose to water or extreme temperatures.
- **Assembly:** Follow the included assembly manual carefully. Do not force parts together.

3. PACKAGE CONTENTS

Your Reobrix Electric Mining Machine Building Set 22023 includes the following:

- Building blocks (3338 pieces)
- Dual electric motors
- Detachable battery box (requires 6 AA batteries, not included)
- GBC balls
- Conveyor belt components
- Detailed instruction manual (this document refers to the physical manual included in the box for step-by-step building)



Image 3.1: Overview of the Reobrix Electric Mining Machine Building Set 22023, showing the product box and the fully assembled model.

4. SETUP & ASSEMBLY

Assembly of the Reobrix Electric Mining Machine is a challenging and rewarding process. Please refer to the comprehensive step-by-step instruction manual included in your product box for detailed building guidance.

4.1. General Assembly Steps

1. **Unpack Components:** Carefully open the packaging and sort the building blocks by type or color as suggested in the physical manual.
2. **Follow Manual:** Adhere strictly to the sequence and instructions provided in the physical assembly manual. Each step is designed to ensure correct construction.
3. **Install Motors:** Integrate the dual electric motors into the designated positions as shown in the manual. Ensure all connections are secure.
4. **Install Battery Box:** Place the detachable battery box into its compartment.
5. **Insert Batteries:** Insert 6 AA batteries (not included) into the battery box, observing correct polarity.
6. **Connect Electrical Components:** Connect the motors to the battery box as per the manual's diagrams.

MACHINERY MINING



CONSTRUCTION MACHINERY SERIES 22023

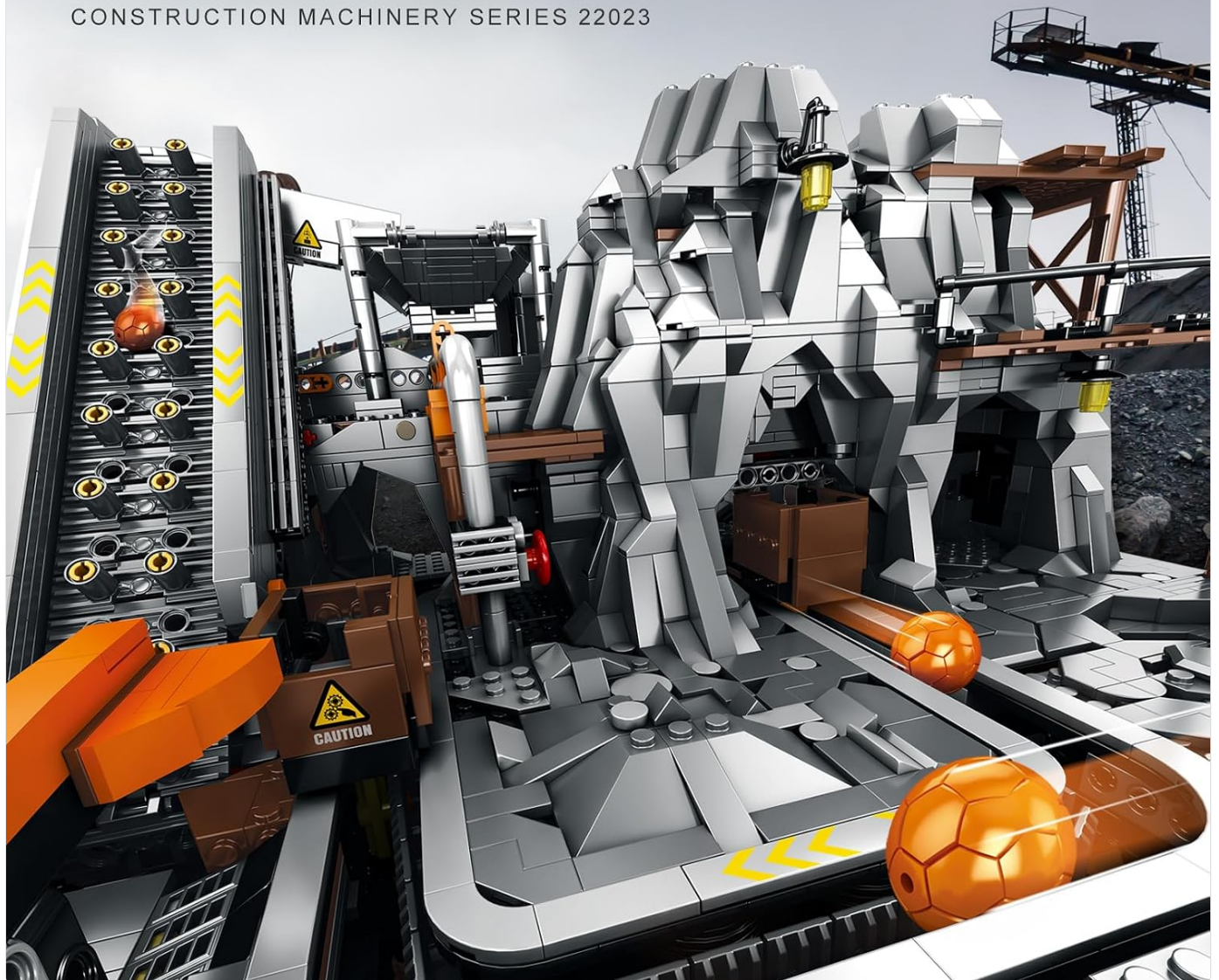


Image 4.1: The assembled Reobrix Electric Mining Machine, highlighting the GBC balls and conveyor system.



NO.22023

POWER ACCESSORIES



1 x Battery Box



2 x L Motor

- (EN) Warning! Choking hazard. Small parts.
(DE) Achtung! Erstickungsgefahr. Kleine Teile.
(FR) Attention! Danger d'étouffement. Petits éléments.
(IT) Avvertenza! Rischio di soffocamento. Piccole parti.
(ES) ¡Advertencia! Peligro de atragantamiento. Partes pequeñas.
(PL) Ostrzeżenie! Niebezpieczeństwo udławienia się. Małe części.
(CZ) Upozornění! Nebezpečí zalknutí. Malé části.
(RU) Внимание! Риск удушения. Мелкие детали.
(KR) 경고! 질식 위험. 작은 부분 포함.
(JP) 警告!小部品があります。誤飲・窒息の危険があります。

Image 4.2: The product box detailing the power accessories, including the battery box and motors.

5. OPERATING INSTRUCTIONS

Once assembled and powered, the Reobrix Electric Mining Machine simulates the ore transport process through its integrated GBC ball

and conveyor belt system.

5.1. Starting the Machine

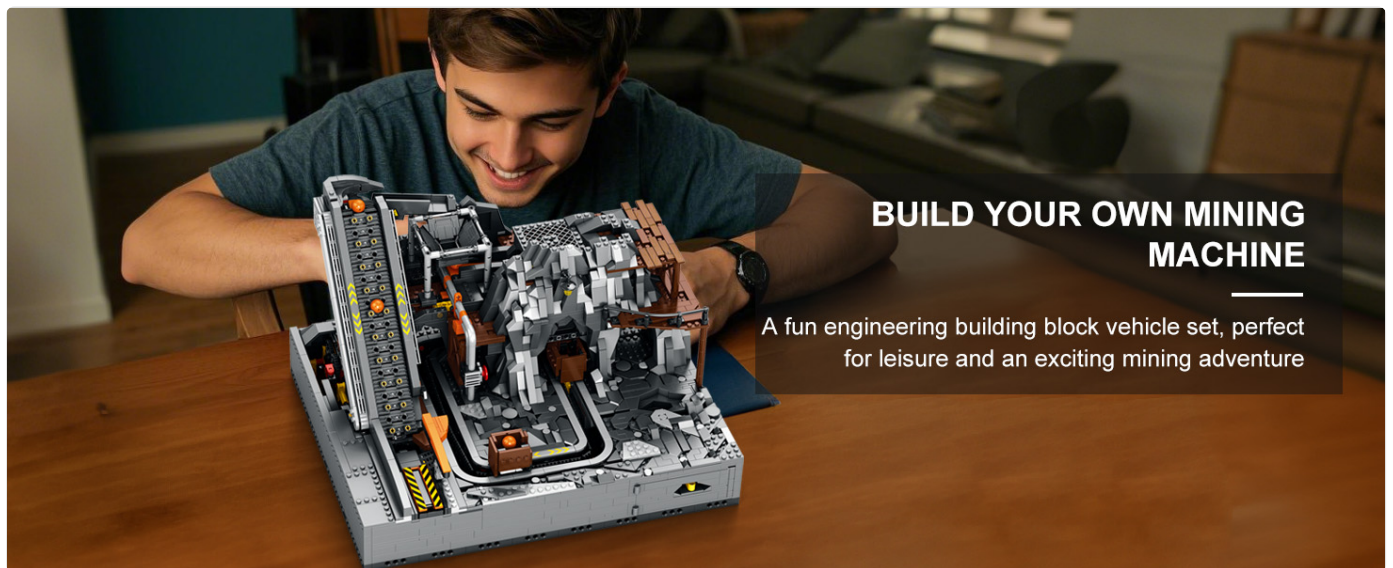
1. **Place GBC Balls:** Position the GBC balls at the designated starting point of the mining machine.
2. **Activate Power Switch:** Locate the power switch on the model (typically integrated near the battery box or main mechanism) and turn it ON. The motors will activate, initiating the conveyor belt and ball transport system.



GIFTS & COLLECTIONS FOR BOYS AND ADULTS

The mining machine is not only endless fun
but also a creative display for your room or office

Image 5.1: Place the GBC ball at the starting point to begin the transportation cycle.



BUILD YOUR OWN MINING MACHINE

A fun engineering building block vehicle set, perfect
for leisure and an exciting mining adventure

Image 5.2: Turn on the mining machine switch to start the operation.

5.2. Ball Transport Mechanism

- The conveyor belt will transport the GBC balls upwards.
- Balls will then move along a smooth track, simulating the flow of materials.
- A transporter mechanism will catch the balls and return them to the starting point, creating a continuous loop.



Image 5.3: GBC balls are transported upwards by the conveyor belt.



Image 5.4: Balls move along the smooth track to the next level.



Image 5.5: Balls are transferred to the next stage of the system.

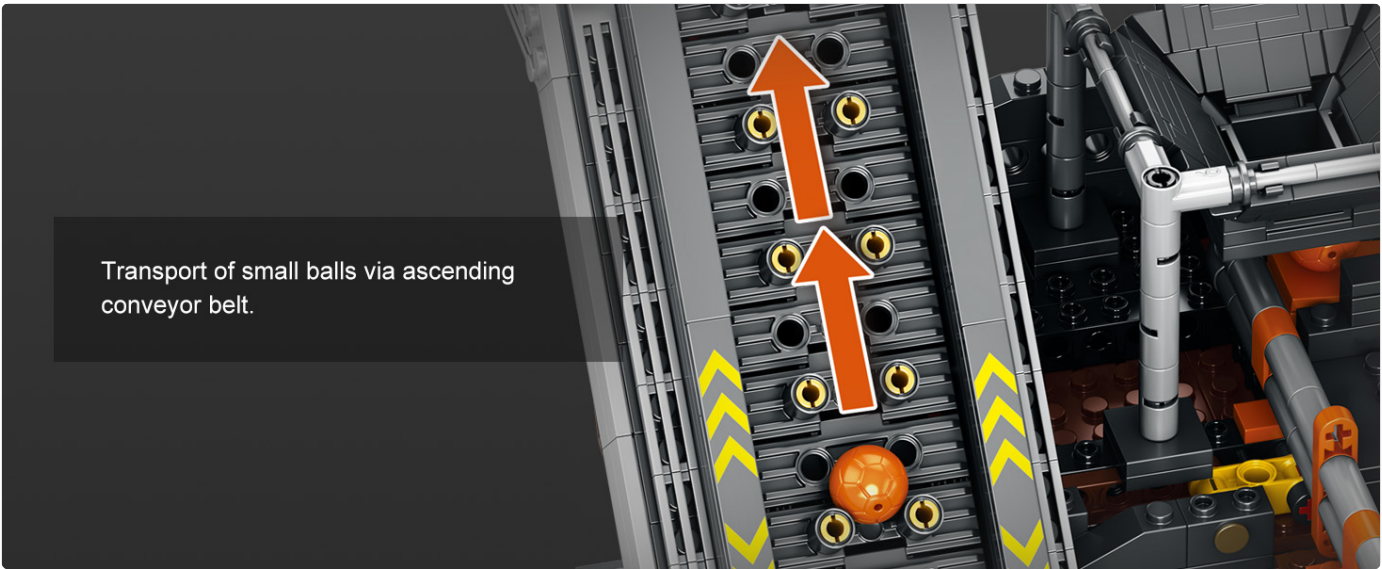


Image 5.6: The transporter collects the ball and returns it to the starting point for continuous operation.

5.3. Official Product Video

Your browser does not support the video tag.

Video 5.1: Official product video demonstrating the assembly and operation of the Reobrix 22023 Electric Mining Machine Building Set.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the model. Avoid using water or cleaning solutions directly on electrical components.
- **Storage:** Store the assembled model or disassembled parts in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Battery Replacement:** Replace batteries when the motor performance decreases. Always replace all 6 AA batteries at the same time.
- **Component Check:** Periodically inspect all connections and moving parts to ensure they are secure and functioning correctly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not start.	1. Batteries are dead or incorrectly inserted. 2. Power switch is OFF. 3. Loose electrical connection.	1. Replace batteries with new ones, ensuring correct polarity. 2. Turn the power switch ON. 3. Check all motor and battery box connections.
GBC balls get stuck.	1. Obstruction on the track or conveyor. 2. Incorrect assembly of track sections. 3. Too many balls introduced at once.	1. Inspect and clear any obstructions. 2. Review the assembly manual for correct track alignment. 3. Introduce balls one at a time or in smaller quantities.
Conveyor belt is not moving smoothly.	1. Belt is misaligned or loose. 2. Gears are not properly engaged.	1. Adjust the conveyor belt tension and alignment. 2. Check gear assembly as per the manual.

8. SPECIFICATIONS

Feature	Detail
Model Number	22023
Product Dimensions	15.35 x 13.38 x 9.45 inches
Item Weight	12.28 pounds
Number of Pieces	3338
Power Source	6 AA batteries (not included)
Motors	Dual electric motors
Recommended Age	14+ years
Manufacturer	Shantou Juhang Toys Technology Co., Ltd.

9. WARRANTY & SUPPORT

For warranty information, product support, or to inquire about replacement parts, please contact Reobrix customer service directly. Refer to the contact information provided on the product packaging or the official Reobrix website.

Online Support: Visit the [Reobrix Store on Amazon](#) for additional product information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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