

Reobrix 22007

Reobrix Crane Building Block Set 22007 Instruction Manual

Model: 22007

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Reobrix Crane Building Block Set 22007. This set allows for the construction of a highly detailed mechanical crane truck model with remote control and mobile application functionalities. Please read this manual thoroughly before beginning assembly or operation to ensure correct usage and optimal performance.

2. SAFETY INFORMATION

- This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- Recommended age for assembly and operation is 14 years and up.
- Keep all packaging materials away from children.
- Do not ingest any parts. Seek immediate medical attention if ingestion occurs.
- Ensure all electrical components are handled with care. Do not expose to water or extreme temperatures.
- Batteries are required for operation (2 AAA batteries for the remote control, not included). Follow battery safety guidelines.

3. PACKAGE CONTENTS

The Reobrix Crane Building Block Set 22007 includes the following:

- Building blocks (2023 pieces)
- Instruction Manuals (2 thick manuals)
- Electronic components (motors, receiver)
- Remote Control



Figure 3.1: Packaging box for the Reobrix Crane Building Block Set 22007, showing the assembled crane model and remote control.

4. ASSEMBLY INSTRUCTIONS

Assembly of the Reobrix Crane Building Block Set 22007 is a detailed process. Follow the two included instruction manuals carefully. The parts are organized into numbered bags (0-4) to streamline the building experience.

4.1. General Assembly Steps

1. Begin by opening bags 0 and 1 to construct the main frame of the crane truck.
2. Proceed to bag 2 for the cab assembly.
3. Use parts from bag 3 to build the crane base.
4. Complete the model with the boom and finishing touches using parts from bag 4.

4.2. Assembly Tips

- For smoother operation of the gear switches, apply a small amount of Vaseline or Chapstick to the white sleeves before inserting them into the grey barrels. This reduces friction and improves functionality.
- Ensure all connections are firm to maintain structural integrity during operation.



Figure 4.1: The fully assembled Reobrix Crane Building Block Set 22007.

5. OPERATING INSTRUCTIONS

The Reobrix Crane Building Block Set 22007 supports dual-mode operation via a dedicated remote control and a mobile application. This section details how to use these control methods for various crane functions.

5.1. Powering On

1. Install 2 AAA batteries (not included) into the remote control.
2. Locate the power switch on the main control unit of the crane model and turn it on.

5.2. Remote Control Operation

The included remote control allows for direct manipulation of the crane's functions. Refer to the remote control diagram in your physical manual for specific button layouts.

- **Hook Lift:** Use the designated buttons to raise or lower the crane hook.
- **Fuselage Rotation:** Control the 360-degree rotation of the crane's upper structure.
- **Hook Arm Telescoping (Boom Extension):** Extend or retract the crane's boom to adjust its reach.
- **Support Legs (Outriggers):** Deploy or retract the simulated foot design for stable operation.

- **Manual Cab Door / Operator Room Door:** These features are manually operated for access and realism.



Figure 5.1: Detailed view of the crane's functional mechanisms, including hook lift, rotation, and telescoping boom.

5.3. Mobile Application Control

Download the Reobrix control application to your mobile device for advanced control options. The app provides an intuitive interface for operating the crane.

- **Connection:** Ensure Bluetooth is enabled on your device. Follow the app's instructions to connect to the crane model.
- **Functions:** The app mirrors the remote control functions, allowing for precise control over lifting, rotating, and telescoping actions.

Video 5.1: Official product video demonstrating the Reobrix Crane Building Block Set 22007 in action, showcasing its various remote-controlled functions and realistic movements.

Video 5.2: Demonstration of a Reobrix Multi-Functional Crane Truck Building Block set (Model 22011), illustrating remote control and app

functionalities including rotation, support, scaling, and bending. While a different model, the operational principles are similar.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Reobrix Crane Building Block Set 22007, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe down the model. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove batteries from the remote control if the model will not be used for an extended period.
- **Lubrication:** Periodically check moving parts for smooth operation. Reapply a small amount of lubricant (e.g., Vaseline) to gear switches if movement becomes stiff.

7. TROUBLESHOOTING

If you encounter issues with your Reobrix Crane Building Block Set 22007, refer to the following common problems and solutions:

- **Model Not Responding to Remote/App:**
 - Ensure batteries are correctly installed in the remote control and are not depleted.
 - Verify the main power switch on the crane model is in the 'ON' position.
 - For app control, confirm Bluetooth is active and the device is properly paired with the model.
- **Gearing Not Smooth:**
 - Check for any misaligned or obstructed gears.
 - Apply a small amount of lubricant (e.g., Vaseline or Chapstick) to the gear switches as described in the assembly tips.
- **Missing Charging Cable:**
 - The set does not include a charging cable for the main battery unit. A standard USB-C charging cable (commonly used for Android phones) is required.
- **Instruction Manual Errors:**
 - If you encounter discrepancies in the pictorial instructions, refer to the online resources or contact customer support for clarification.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	20.07 x 6.69 x 26.77 inches
Item Weight	7.56 pounds
Item Model Number	RB22007
Manufacturer Recommended Age	14 years and up
Batteries Required	2 AAA batteries (for remote, not included)
Number of Pieces	2023

PRODUCT SIZE

2023 PCS



Figure 8.1: Product dimensions of the Reobrix Crane Building Block Set 22007.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Reobrix customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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.

Submit question