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ROBOTIME KW401

ROBOTIME 3D Wooden Puzzle Siege Heavy Ballista (Model KW401) Instruction Manual

Model: KW401 | Brand: ROBOTIME

INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your ROBOTIME 3D Wooden Puzzle Siege Heavy Ballista, Model KW401. Please read through these instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience.



Image: The ROBOTIME Siege Heavy Ballista 3D Wooden Puzzle set up in a miniature medieval battle scenario, showcasing its design and potential for interactive play.

SAFETY INFORMATION

Please observe the following safety guidelines:

- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years due to choking hazards.

- **Recommended Age:** This product is recommended for ages 14 and up. Adult supervision is advised for younger builders.
- **Sharp Edges:** While parts are laser-cut, some edges may be sharp. Handle with care during assembly.
- **Do Not Aim at Eyes or Face:** The ballista fires small projectiles. Never aim the assembled model at people or animals, especially at the eyes or face.
- **Use Provided Projectiles Only:** Only use the wooden arrows provided with the kit. Do not use other objects as projectiles.
- **Keep Away from Water and Fire:** Wood is susceptible to damage from moisture and fire. Store and use the model in a dry environment away from open flames.

PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- Laser-cut wooden sheets with puzzle pieces.
- Detailed English instruction manual.
- Rubber bands (for tensioning the ballista).
- Three mini wooden arrows.
- One wooden warrior figure.
- Small sandpaper block (for smoothing edges, if needed).

NICE PACKAGING



No Glue Needed



Cool Gift



Image: The complete ROBOTIME Siege Heavy Ballista kit, showing the unassembled wooden sheets, the instruction booklet, rubber bands, and the wooden arrows and warrior figure.

ASSEMBLY INSTRUCTIONS

Follow the step-by-step instructions provided in the included manual. No glue or additional tools are required for assembly. Gently press out the pieces from the wooden sheets.

- 1. Prepare the Workspace:** Ensure you have a clean, flat, and well-lit area for assembly.
- 2. Identify Parts:** Refer to the instruction manual to identify each piece before detaching it from the wooden sheet.
- 3. Detach Pieces:** Carefully push out each piece. If a piece is difficult to remove, use a small, blunt object to gently push it from the back, or use the provided sandpaper to smooth any rough edges.
- 4. Follow Numbered Steps:** Assemble the model by following the numbered diagrams and instructions in the manual. Pay close attention to the orientation of each piece.

5. **Interlocking Design:** Pieces are designed to interlock. Apply gentle, even pressure to fit them together. Avoid forcing pieces, as this may cause damage.
6. **Rubber Band Installation:** Install the rubber bands as indicated in the manual. These provide the tension for the ballista's firing mechanism.



Image: A close-up of hands carefully fitting a wooden puzzle piece into the base structure of the ballista, demonstrating the assembly process.



Image: An intricate view of the wooden gears and interlocking components being assembled, highlighting the detailed craftsmanship of the puzzle.

Assembly Video Guide

For a visual guide on assembly and operation, please watch the official product video below:

Your browser does not support the video tag.

Video: Official ROBOTIME video demonstrating the assembly and operational features of the Siege Heavy Ballista and other Epic War

models.

OPERATING INSTRUCTIONS

Once assembled, your Siege Heavy Ballista is ready for action. Follow these steps to operate it:

1. **Load the Arrow:** Place one of the provided wooden arrows onto the firing mechanism, ensuring it sits securely.
2. **Tension the Ballista:** Pull back the firing arm until it locks into place. The rubber bands will provide the necessary tension.
3. **Aim:** Adjust the angle and direction of the ballista to aim at your target. Remember the safety warning **Do not aim at eyes or face.**
4. **Fire:** Press the release trigger to launch the wooden arrow.



Image: The fully assembled Siege Heavy Ballista, positioned with a wooden warrior figure and arrows, ready for simulated play.

MAINTENANCE

To ensure the longevity and proper function of your wooden puzzle model, consider the following maintenance tips:

- Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using water or cleaning solutions, as they can damage the wood.
- Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperature changes to prevent warping or fading of the wood.
- Lubrication (Optional):** For smoother movement of gears or moving parts, a small amount of paraffin wax can be applied to contact points. Avoid oil-based lubricants.
- Rubber Band Replacement:** Over time, rubber bands may lose elasticity. Replace them with similar size and strength bands if needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pieces do not fit together easily.	Excess wood residue or incorrect orientation.	Gently sand the edges with the provided sandpaper. Double-check the instruction manual for correct piece orientation.
Ballista does not fire or fires weakly.	Rubber bands are loose, incorrectly installed, or worn out. Firing arm not fully locked.	Ensure rubber bands are taut and correctly positioned. Confirm the firing arm is fully pulled back and locked. Replace old rubber bands if necessary.
Moving parts are stiff.	Friction between wooden components.	Apply a small amount of paraffin wax to the contact surfaces of the stiff moving parts.
Missing or defective pieces.	Manufacturing error or oversight.	Contact ROBOTIME customer service for replacement parts. Refer to the "After-Sale Service" section.

SPECIFICATIONS

Product Name	Siege Heavy Ballista
Model Number	KW401
Brand	ROBOTIME
Material	Laser-cut wood (non-toxic, tasteless, recyclable)
Wood Pieces	142 pieces
Assembly Size	8.3 x 7.3 x 7.5 inches (21.1 x 18.5 x 19.1 cm)
Approximate Assembly Time	2-3 Hours
Recommended Age	14+ years

Package Dimensions	11.89 x 8.98 x 0.71 inches (30.2 x 22.8 x 1.8 cm)
Item Weight	1.17 pounds (0.53 kg)

WARRANTY AND SUPPORT

ROBOTIME is committed to providing high-quality products and customer satisfaction. If you encounter any issues with your product, such as defective or missing pieces, please contact our customer service team for assistance.

For support, please visit the official ROBOTIME website or contact the retailer where you purchased the product. Your satisfaction is our ultimate pursuit.

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