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Wood Trick Offshore Rig Platform

Wood Trick Offshore Rig Platform: Assembly and Operation Manual

Model: Offshore Rig Platform | Brand: Wood Trick

1. INTRODUCTION

Thank you for choosing the Wood Trick Offshore Rig Platform 3D wooden puzzle. This intricate model is designed for enthusiasts aged 18 and above, offering a challenging yet rewarding assembly experience. Upon completion, you will have a detailed, interactive mechanical model featuring a movable platform, cranes, a bathyscaphe, and a helicopter. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure a successful and enjoyable experience.

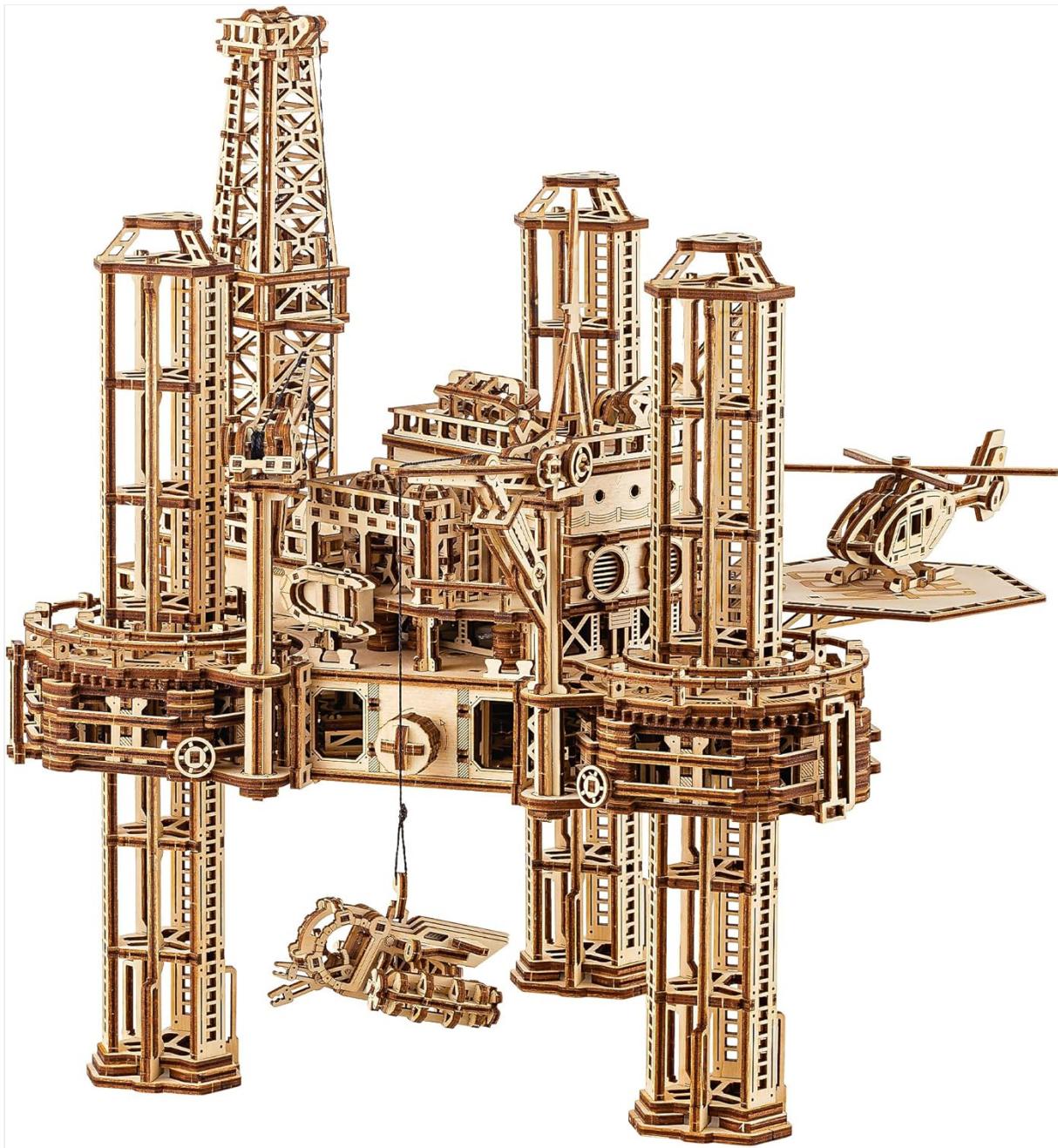


Image 1: The completed Wood Trick Offshore Rig Platform model.

2. SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for individuals 18 years and older due to its complexity and the presence of small parts.
- **Small Parts:** Keep all small components out of reach of children and pets to prevent choking hazards.
- **Sharp Edges:** While parts are precisely cut, exercise caution during assembly to avoid splinters or minor cuts.
- **Ventilation:** Assemble in a well-ventilated area, especially if using wax or sandpaper.
- **Proper Handling:** Handle wooden pieces carefully to prevent breakage, especially thin or delicate components.

3. PACKAGE CONTENTS

Your Wood Trick Offshore Rig Platform package should contain the following items:

- Wood Trick Offshore Rig Platform wooden puzzle sheets (1180 pieces)
- Illustrated assembly instructions
- Gift packaging (outer box)
- Spring motor mechanism
- Sandpaper and wax (small quantities for initial use)



4. ASSEMBLY INSTRUCTIONS

The Wood Trick Offshore Rig Platform is a highly complex model, consisting of 1180 pieces. Assembly typically requires 14-16 hours. No glue is required for construction; all parts interlock precisely.

4.1. Preparation

1. **Unpack Components:** Carefully remove all wooden sheets and the instruction manual from the packaging.
2. **Review Instructions:** Thoroughly read the illustrated step-by-step assembly guide before beginning. Familiarize yourself with the overall process and individual steps.
3. **Prepare Workspace:** Ensure a clean, well-lit, and spacious work area. Keep small containers handy for organizing parts.
4. **Tool Preparation:** Have the provided sandpaper and wax ready. Additional fine-grit sandpaper and a small candle or block of wax may be beneficial for optimal performance.

4.2. Step-by-Step Assembly

Follow the detailed, illustrated instructions provided in your package. Pay close attention to the orientation of each piece and the specific connections. Key considerations during assembly include:

- **Part Extraction:** Gently press out pieces from the wooden sheets. If a piece is stubborn, use a craft knife to carefully cut the connecting points.
- **Sanding:** Lightly sand any rough edges on pieces, especially those that will move or connect tightly.
- **Waxing:** Apply a thin layer of wax to all gears, axles, and moving parts. This reduces friction and ensures smooth operation of the mechanical elements. This step is crucial for the functionality of the spring motor and movable platform.
- **Precision:** Ensure all connections are firm but not forced. Forcing parts can lead to breakage.

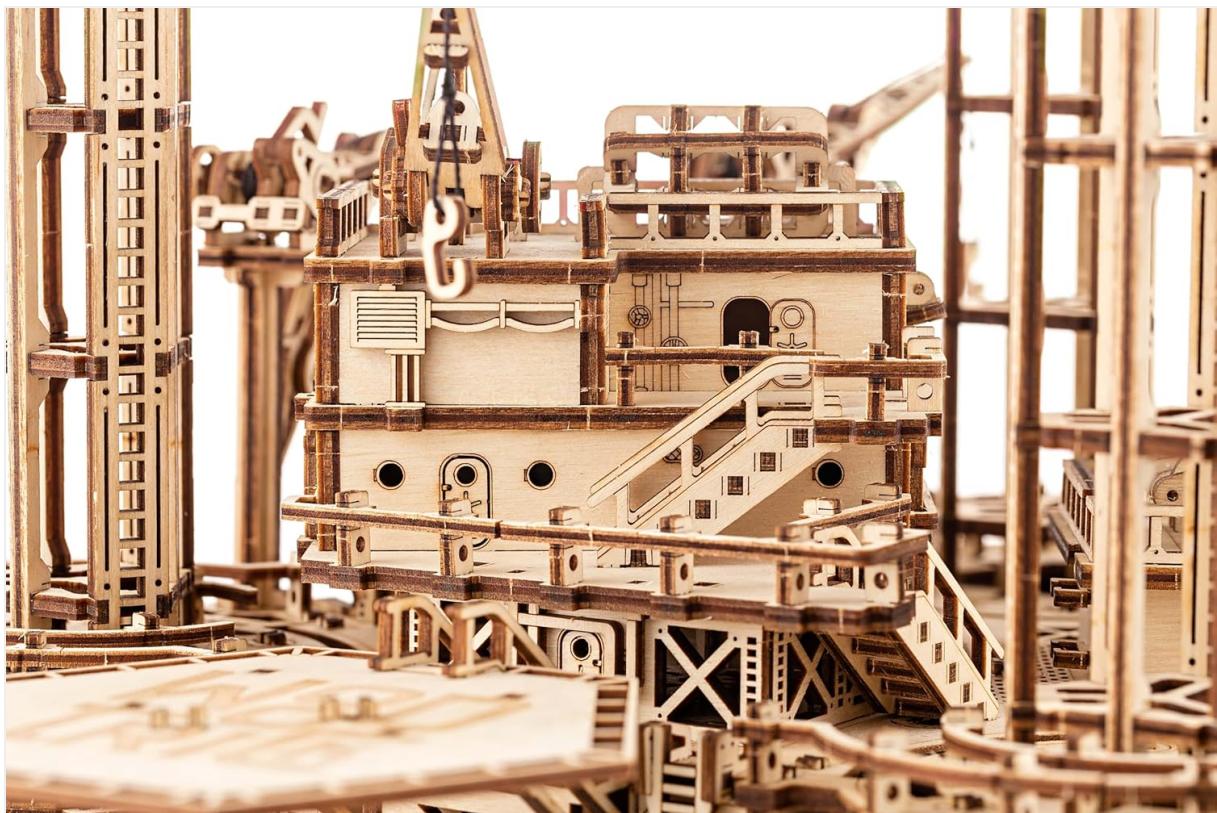


Image 3: Detailed view of the model's construction.

Online Video Guide: A detailed video guide of the assembly process is available online. Refer to the Wood Trick

official website or the QR code (if provided in your physical manual) for access to this valuable resource. This video can provide visual clarity for complex steps.

5. OPERATING INSTRUCTIONS

Once fully assembled, your Offshore Rig Platform model features several interactive elements:

5.1. Spring Motor Operation

The model is equipped with a spring motor that powers certain movements. Locate the winding key or mechanism as indicated in your assembly guide. Turn the key clockwise to wind the spring. A single winding can power the drill operation for up to 75 seconds. Avoid over-winding the spring to prevent damage.

5.2. Movable Platform

The main platform stands on three massive props and is designed to move up and down. This movement is typically linked to the spring motor or a manual lever. Ensure all gears and connecting rods for this mechanism are properly waxed for smooth operation.

5.3. Cranes and Bathyscaphe

The model includes lifting cranes with extending booms and a bathyscaphe. These components are typically operated manually. Carefully manipulate the crane arms and lines to simulate lifting and lowering the bathyscaphe. Ensure all pivot points are free of obstruction and move smoothly.

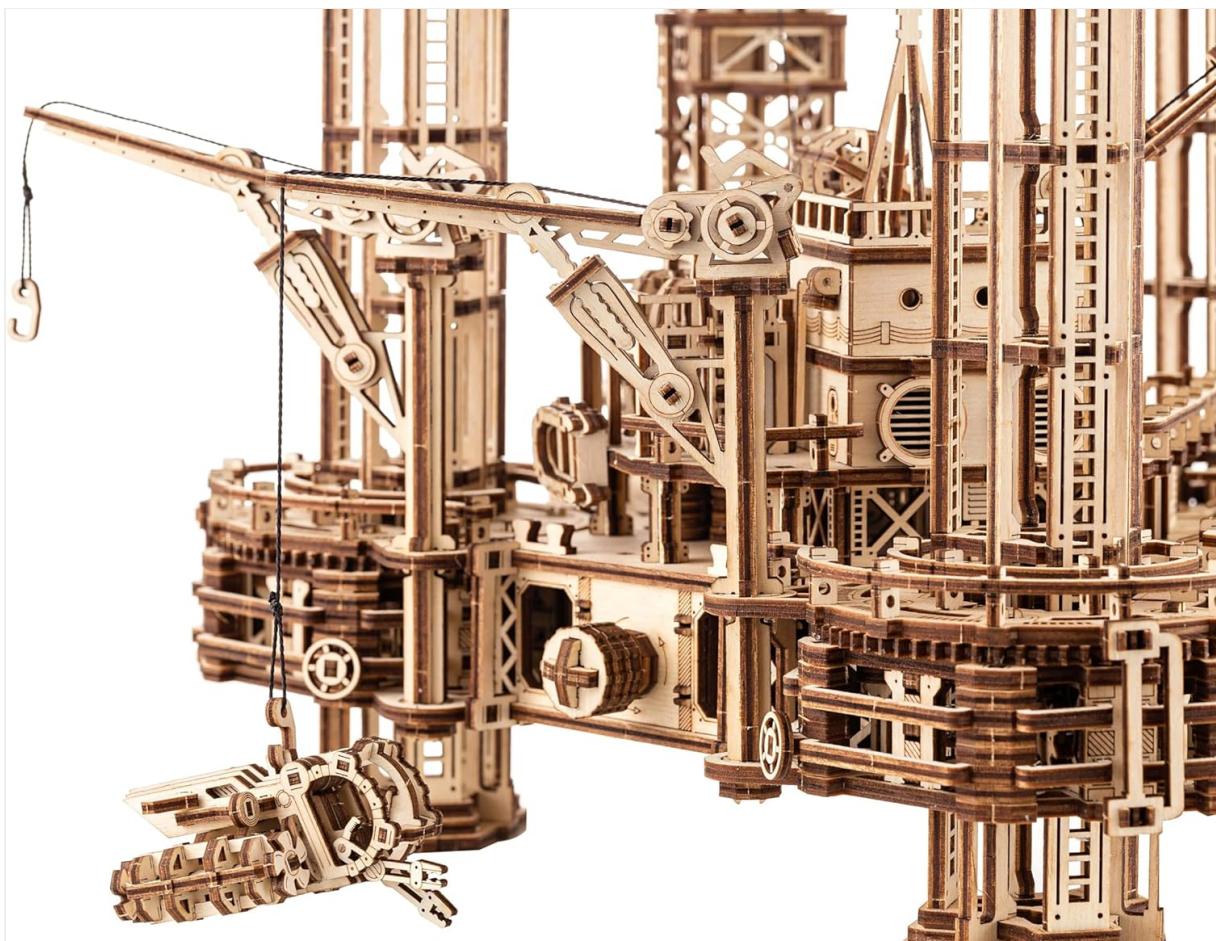


Image 4: The functional crane and bathyscaphe detail.

5.4. Helicopter

A detailed helicopter model is included, designed to rest on the platform's helipad. This is a static display piece, adding to the realism of the rig.



Image 5: The helicopter on its designated landing pad.

6. MAINTENANCE

To ensure the longevity and smooth operation of your Wood Trick Offshore Rig Platform, follow these maintenance guidelines:

- **Dusting:** Regularly dust the model with a soft, dry cloth or a soft brush to prevent dust accumulation in moving parts.

- **Re-waxing:** Over time, the wax on gears and moving parts may wear off. If you notice increased friction or stiffness, reapply a thin layer of wax to the affected areas.
- **Storage:** Store the model in a stable environment, away from direct sunlight, extreme temperatures, and high humidity, which can cause wood to warp or crack.
- **Gentle Handling:** Always handle the model with care, especially when moving it, to avoid accidental damage to delicate structures.

7. TROUBLESHOOTING

If you encounter issues with your model, consider the following:

- **Mechanism Jams:** If a mechanical part (e.g., the drill or platform) jams, first check for any misaligned pieces or obstructions. Ensure all gears and axles are properly waxed. Sometimes, disassembling and reassembling a small section can resolve the issue.
- **Platform Not Moving:** Verify that the spring motor is fully wound and that all connections related to the platform's movement mechanism are correctly assembled and waxed. Check for any binding points.
- **Loose Connections:** If parts feel loose, gently press them back into place. If a connection consistently loosens, ensure the corresponding holes or pegs are not damaged.
- **Broken Pieces:** In the event of a broken piece, contact Wood Trick customer support for assistance. Avoid using adhesives unless specifically instructed, as this can hinder future repairs or movement.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions (Assembled)	14.37 x 12.59 x 14.37 inches
Item Weight	5.99 pounds
Number of Pieces	1180
Assembly Time	Approximately 14-16 hours
Material	Natural Wood
Recommended Age	18 years and up
Interactive Features	Spring motor, movable platform, lifting cranes, bathyscaphe, helicopter

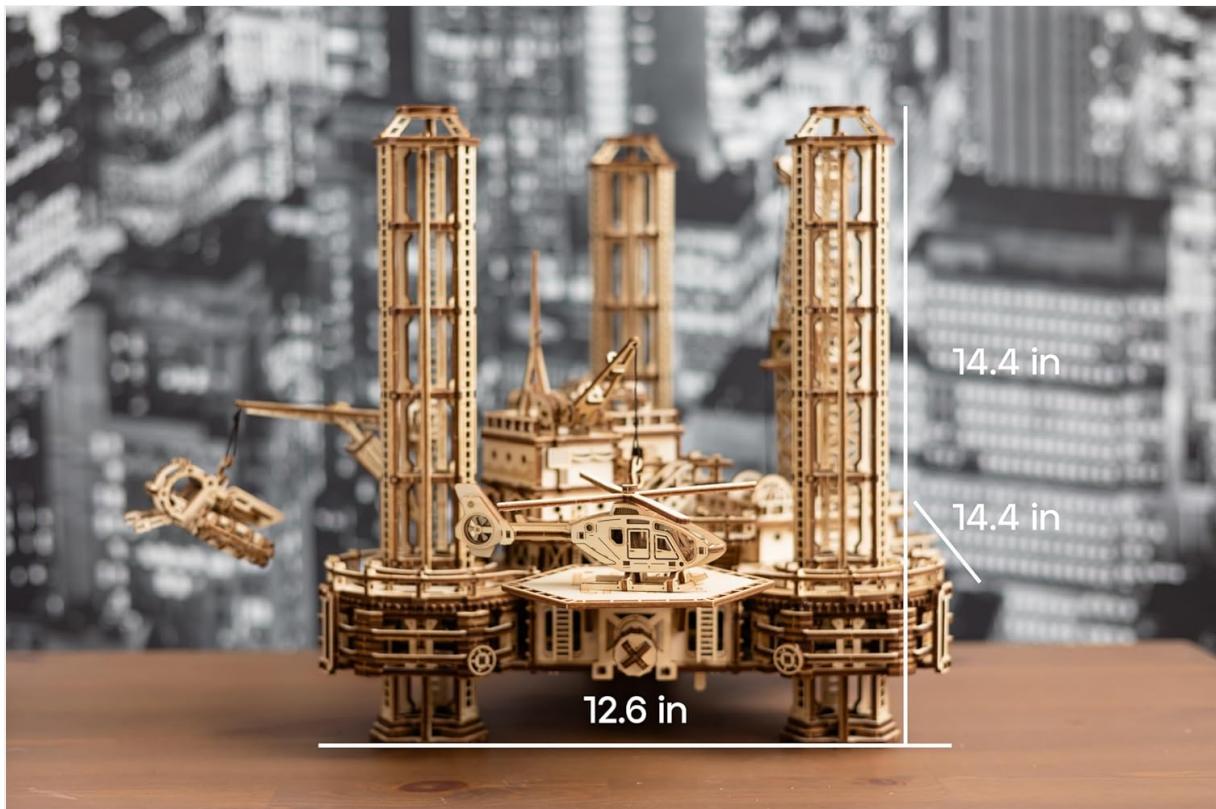


Image 6: Dimensions of the assembled model.

9. WARRANTY AND SUPPORT

Wood Trick stands by the quality of its products. For any manufacturing defects or missing parts, please contact Wood Trick customer support. Keep your purchase receipt as proof of purchase. For further assistance, visit the official Wood Trick website or contact their customer service department directly.

Related Documents - Offshore Rig Platform

	<u>Wood Trick First Car Model Assembly Instructions</u> Detailed step-by-step assembly guide for the Wood Trick First Car wooden model kit. Learn how to build this intricate mechanical model with clear instructions and part identification.
	<u>Wood Trick Nordic Chest Mechanical Model Kit Assembly Instructions</u> Detailed assembly instructions for the Wood Trick Nordic Chest mechanical 3D wooden model kit (WDTK100). Learn how to build this intricate model with clear, step-by-step guidance.
	<u>Wood Trick Luminous Zeppelin WDTK101 Mechanical Model Kit Assembly Guide</u> Detailed assembly instructions and overview for the Wood Trick Luminous Zeppelin (WDTK101) mechanical model kit. Features 487 pieces and 4 levels, designed for enthusiasts of intricate wooden puzzles.
	<u>Harmony Tower Wood Model Kit Assembly Guide Wood Trick</u> Detailed step-by-step instructions for assembling the Wood Trick Harmony Tower wooden model kit. A comprehensive guide for DIY enthusiasts and hobbyists.



[WoodTrick Gravity Marble Run: Build Your Own Mechanical Model](#)

Discover the WoodTrick Gravity Marble Run, an engaging 3D wooden puzzle kit. This electric series model offers a challenging and rewarding building experience for adults and teens, featuring 773 pieces and a 5-level design.



[WoodTrick Buggy 3D Wooden Mechanical Model Kit Assembly Guide](#)

Comprehensive assembly instructions for the WoodTrick Buggy 3D wooden mechanical model kit. This guide details each step with part identification and assembly sequences for building the intricate wooden model.