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> Mould King 17087 Engineering Oilfield Model Kit Instruction Manual

Mould King WX17087

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Instruction Manual

1. INTRODUCTION

Thank you for choosing the Mould King 17087 Engineering Oilfield Model Kit. This kit allows you to construct a detailed and functional nodding donkey pumpjack model, complete with a battery-powered motor for realistic operation. Designed for enthusiasts aged 14 and up, this model provides an engaging building experience and a dynamic display piece.

2. SAFETY INFORMATION

WARNING: This product contains small parts and is intended for individuals over 14 years of age. Adult supervision is recommended during assembly and operation, especially when handling batteries.

- Keep all components out of reach of small children to prevent choking hazards.
- Do not ingest any parts.
- Ensure batteries are inserted correctly according to polarity markings.
- Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the model will not be used for an extended period.
- Dispose of used batteries responsibly.

3. PACKAGE CONTENTS

Your Mould King 17087 kit includes:

- 840+ building pieces, organized in numbered bags.
- 1 x Motor unit.
- 1 x Battery box (requires 1 'A' battery, included).
- 1 x Detailed instruction manual (this document).

Please verify all components are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

4. ASSEMBLY INSTRUCTIONS

Follow the step-by-step visual instructions provided in the included booklet. The building pieces are sorted into numbered bags to simplify the assembly process. It is recommended to open bags sequentially as indicated in the manual.



Image: Numbered bags and step-by-step visual instructions ensure a smooth building experience.

No glue or additional tools are required for assembly. Ensure all connections are firm to maintain the structural integrity and functionality of the model.

5. OPERATING INSTRUCTIONS

The Mould King 17087 model features a motorized pumpjack mechanism. To operate:

1. **Install Battery:** Open the battery compartment on the model's base and insert the provided 'A' battery, ensuring correct polarity.
2. **Activate Motor:** Locate the power switch on the model's base. Flip the switch to the 'ON' position.

3. **Observe Movement:** The motor will engage, driving the gears and chain to create the characteristic nodding motion of the pumpjack.
4. **Deactivate Motor:** To stop the movement, flip the power switch to the 'OFF' position.



Image: The model is powered by batteries, enabling dynamic movement.

Video: Watch the Mould King 17087 Engineering Oilfield Model in action, demonstrating its mechanical movement and realistic nodding pumpjack operation.



Image: Detailed view of the gear operation, sturdy base, and swinging rod components that enable the pumpjack's movement.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from 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 to prevent material degradation.
- **Battery Care:** Remove the battery if the model is not in use for extended periods to prevent leakage and damage.
- **Component Check:** Periodically inspect all connections and moving parts to ensure they are secure and functioning correctly.

7. TROUBLESHOOTING

- **Motor Not Operating:**
 - a. Check if the battery is correctly installed and fully charged.
 - b. Ensure the power switch is in the 'ON' position.
 - c. Verify all electrical connections to the motor are secure.
- **Movement is Jerky or Inconsistent:**
 - a. Inspect the gears and chain for any obstructions or misalignments.
 - b. Ensure all connecting pins and axles are fully inserted.
 - c. Replace the battery if it is low on power.
- **Missing Pieces:** Refer to the parts list in the instruction booklet. If a piece is missing, contact Mould King customer support with the part number.

8. SPECIFICATIONS

Feature	Detail
Model Number	WX17087
Product Dimensions	14.17 x 4.61 x 8.86 inches (36 x 11.7 x 22.5 cm)
Item Weight	2.46 pounds
Number of Pieces	840+
Recommended Age	14 years and up
Batteries Required	1 'A' battery (included)



Image: Visual representation of the model's dimensions.

9. WARRANTY AND SUPPORT

Mould King products are manufactured to high-quality standards. If you encounter any issues with your product, please contact Mould King customer support for assistance. Keep your proof of purchase for warranty claims.