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› Mould King 17045 Technique Forklift Truck Toy Instruction Manual

## Mould King 17045

# Mould King 17045 Technique Forklift Truck Toy Instruction Manual

Model: 17045

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## 1. INTRODUCTION

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This manual provides detailed instructions for the assembly, operation, and maintenance of your Mould King 17045 Technique Forklift Truck Building Blocks Kit. This 1:6 scale model is designed for enthusiasts aged 14 and up, offering a challenging yet rewarding building experience with 4579 pieces.

The completed model features remote control functionality, allowing for realistic movement and operation of the forklift's various components. Please read this manual thoroughly before beginning assembly or operation to ensure proper use and enjoyment of your model.



Figure 1: Mould King 17045 Technique Forklift Truck Toy. This image shows the fully assembled red and black forklift model alongside its product packaging.

## 2. SAFETY INFORMATION

**Warning: This product is only suitable for individuals over 8 years old due to small parts and complex assembly. Adult supervision is recommended for younger users within the recommended age range.**

- Keep small parts away from children under 3 years old to prevent choking hazards.
- Do not ingest any components.
- Ensure all electrical components are handled carefully and connected according to instructions to avoid damage.
- Do not modify the product in ways not described in this manual.

## 3. ASSEMBLY INSTRUCTIONS

The Mould King 17045 kit is designed for a detailed and engaging building experience. Follow the step-by-step guide provided in the box to construct your forklift truck.

### 3.1 General Assembly Tips

- **Organize Parts:** Before starting, sort the building blocks by type and color to streamline the assembly process.
- **Follow Instructions Carefully:** The included step-by-step guide is crucial. Pay close attention to each diagram and text instruction.
- **Verify Connections:** Ensure all connections are firm and secure. Loose connections can affect the model's stability and functionality.
- **Patience is Key:** This is a complex model with many pieces. Take your time and enjoy the building process.

### 3.2 Key Features During Assembly

The assembly process will introduce you to the intricate mechanics of the forklift, including the mast, forks, and internal engine components.

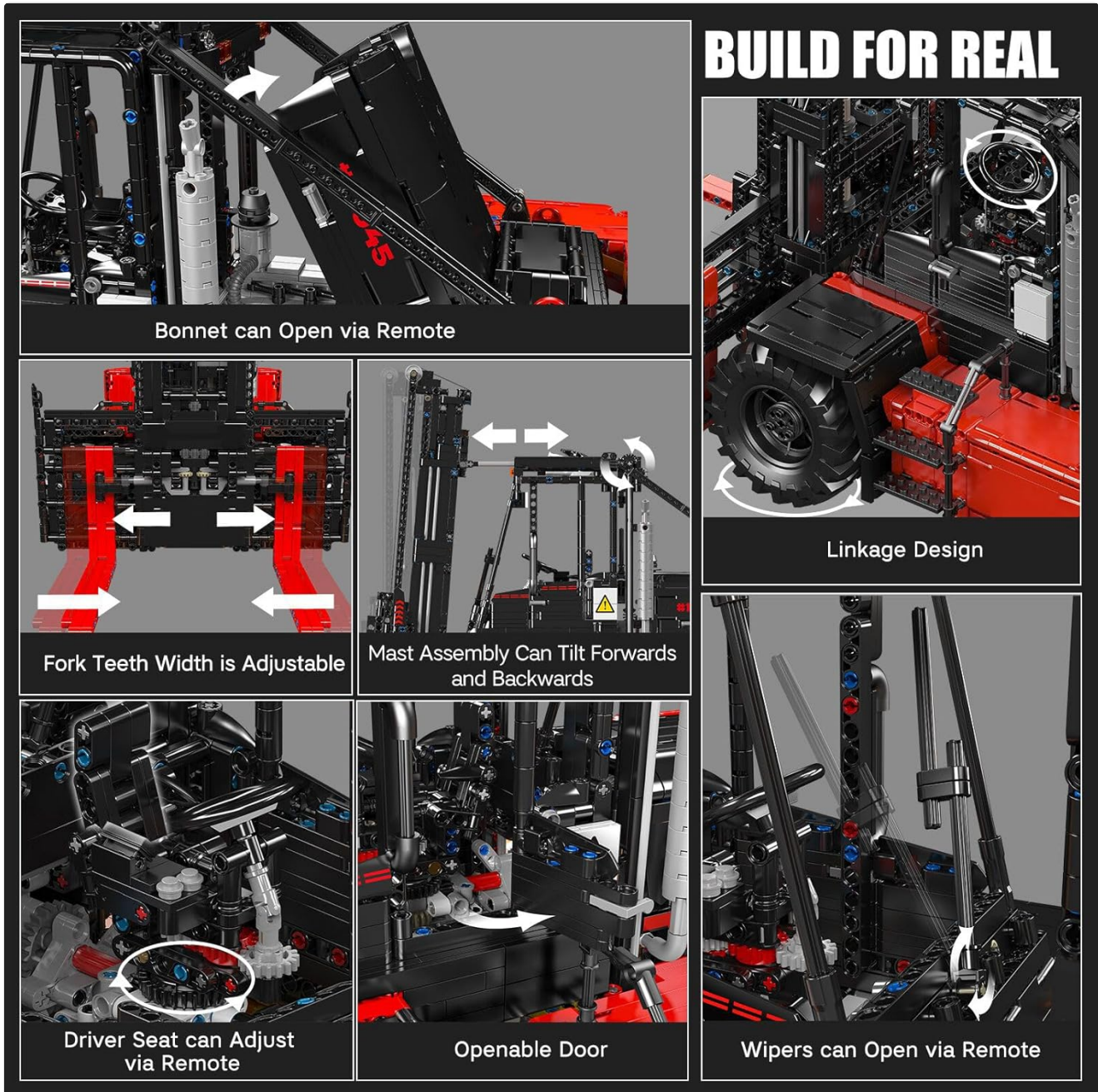


Figure 2: Detailed features of the Mould King 17045 forklift. This image highlights various functional aspects such as the openable bonnet, adjustable fork teeth width, mast tilt mechanism, driver's seat adjustment, openable door, and functional wipers, all built from the blocks.

The model incorporates realistic details such as an openable bonnet, adjustable fork width, tilting mast assembly, a swivel driver's seat, and functional wipers, all controlled via the remote app after completion.

## 4. SETUP AND POWER

Before operating your Mould King 17045 forklift, ensure the power components are correctly installed and charged.

### 4.1 Battery Installation and Charging

- The kit includes 1 Lithium Metal battery and a battery box (1x MK6.0 battery box).
- Locate the battery compartment, typically under a detachable body panel.
- Install the battery into the battery box according to the polarity markings.
- Connect the battery box to the model's power system.
- The battery box supports USB charging. Connect a standard USB charging cable (not included) to the charging port on the battery box to recharge.



Figure 3: Power components and USB charging. This image illustrates the included 1x MK6.0 battery box, 1x HXL motor, and 4x HXL motors, along with the USB charging capability for the battery.

### 4.2 App Remote Connection

- Download the official Mould King control app from your device's app store.

- Ensure your mobile device's Bluetooth is enabled.
- Turn on the forklift model.
- Open the app and follow the on-screen instructions to connect to your Mould King 17045 model.



Figure 4: App remote control in action. A user is shown operating the Mould King 17045 forklift using a smartphone application, demonstrating omnidirectional movement.

## 5. OPERATING INSTRUCTIONS

The Mould King 17045 forklift offers comprehensive remote control capabilities via its dedicated app. Familiarize yourself with the controls for optimal operation.

### 5.1 Basic Movement

- Use the directional controls within the app to move the forklift forward, backward, left, and right.
- The model features rear-wheel steering for precise maneuvering.

### 5.2 Fork and Mast Control

The app allows for detailed control over the forklift's lifting and handling mechanisms:

- **Lift/Lower Forks:** Control the vertical movement of the forks to raise or lower payloads. The mast can extend to a significant height (up to 58cm).
- **Adjust Fork Width:** The width of the fork teeth can be adjusted to accommodate different payload sizes.
- **Tilt Mast:** Tilt the mast forward or backward to secure loads and prevent them from sliding.

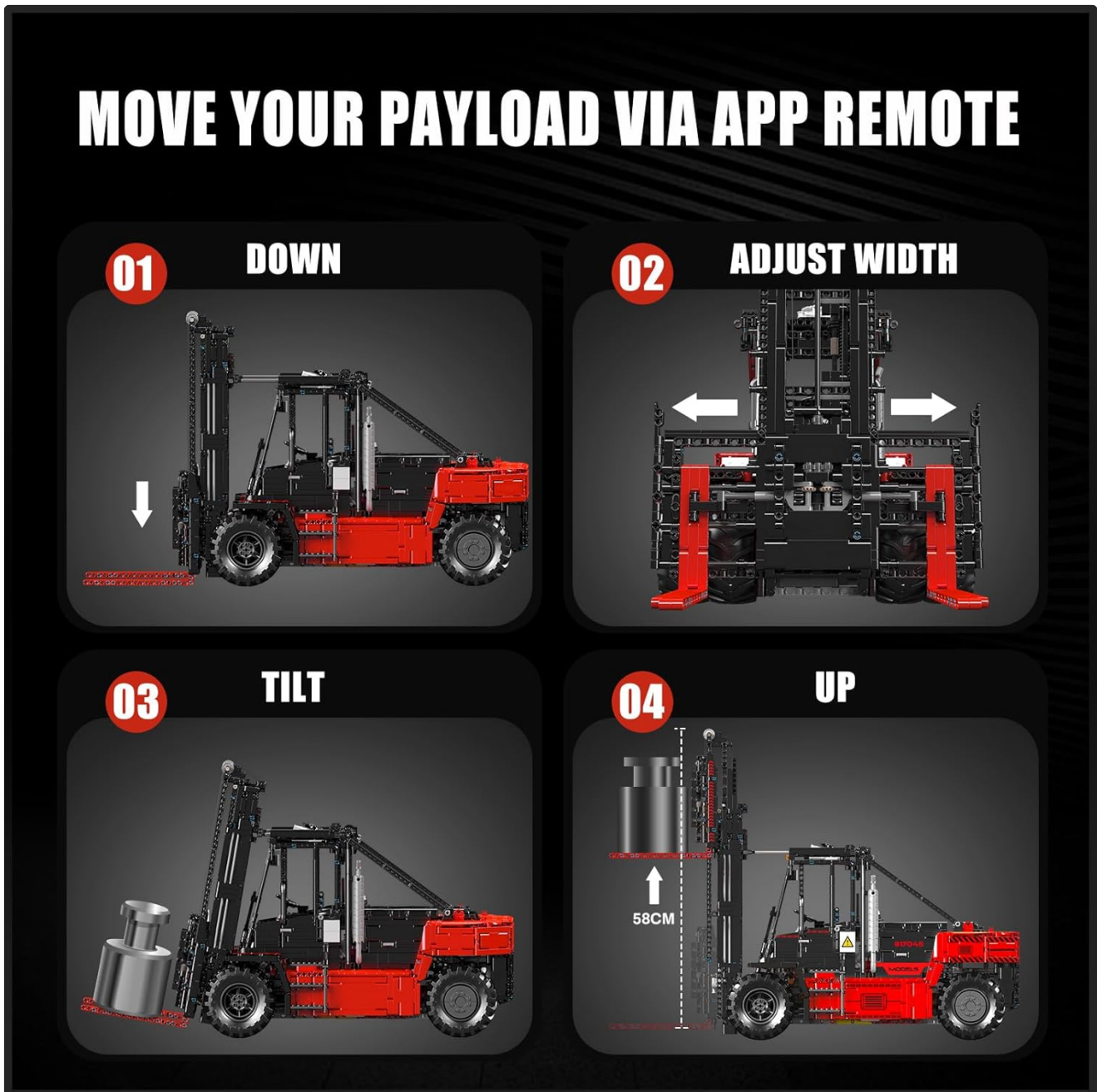


Figure 5: App-controlled forklift functions. This image displays four key operations: lowering the forks, adjusting fork width, tilting the mast, and raising the forks to lift a payload.

### 5.3 Additional App-Controlled Functions

- **Open Bonnet:** Control the opening of the engine bonnet to reveal the simulated engine cylinders.
- **Swivel Driver's Seat:** Adjust the driver's seat position.
- **Operate Wipers:** Control the movement of the windshield wipers.

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Video 1: Mould King Forklift Building Blocks Kit - Remote Control. This video demonstrates the various remote-controlled functions of the Mould King 17045 forklift, including driving, lifting, tilting, and adjusting the forks, as well as showcasing its detailed features

## 6. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Mould King 17045 forklift model.

- **Cleaning:** Use a soft, dry cloth to gently wipe down the model. Avoid using water or chemical cleaners, as these can damage the plastic components or electronic parts.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures to prevent warping or discoloration of the blocks.
- **Battery Care:** When not in use for extended periods, fully charge the battery and then store it separately from the model. Recharge periodically to maintain battery health.
- **Component Check:** Periodically inspect all connections and moving parts to ensure they are secure and functioning correctly. Re-attach any loose blocks.

## 7. TROUBLESHOOTING

If you encounter any issues with your Mould King 17045 forklift, refer to the following common troubleshooting steps:

- **Model Not Responding:**
  - Check if the battery is charged and correctly installed.
  - Ensure the model is powered on.
  - Verify the app is correctly connected via Bluetooth. Try restarting the app and the model.
- **Functions Not Working (e.g., forks not lifting):**
  - Inspect the specific mechanism for any obstructions or loose connections in the building blocks.
  - Ensure the motors are properly connected and receiving power.
  - Refer back to the assembly instructions for the relevant section to double-check the build.
- **Missing or Damaged Parts:**
  - Carefully review the parts list in your instruction manual.
  - Contact Mould King customer support for assistance with replacement parts.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	17045
Brand	Mould King
Scale	1:6
Number of Pieces	4579
Product Dimensions (L x W x H)	25.2 x 8.46 x 15.3 inches (64 x 21.5 x 39 cm)
Item Weight	14.41 pounds
Recommended Age	14 years and up

Feature	Detail
Battery Type	1 Lithium Metal battery (included)
Control Method	App Remote Control

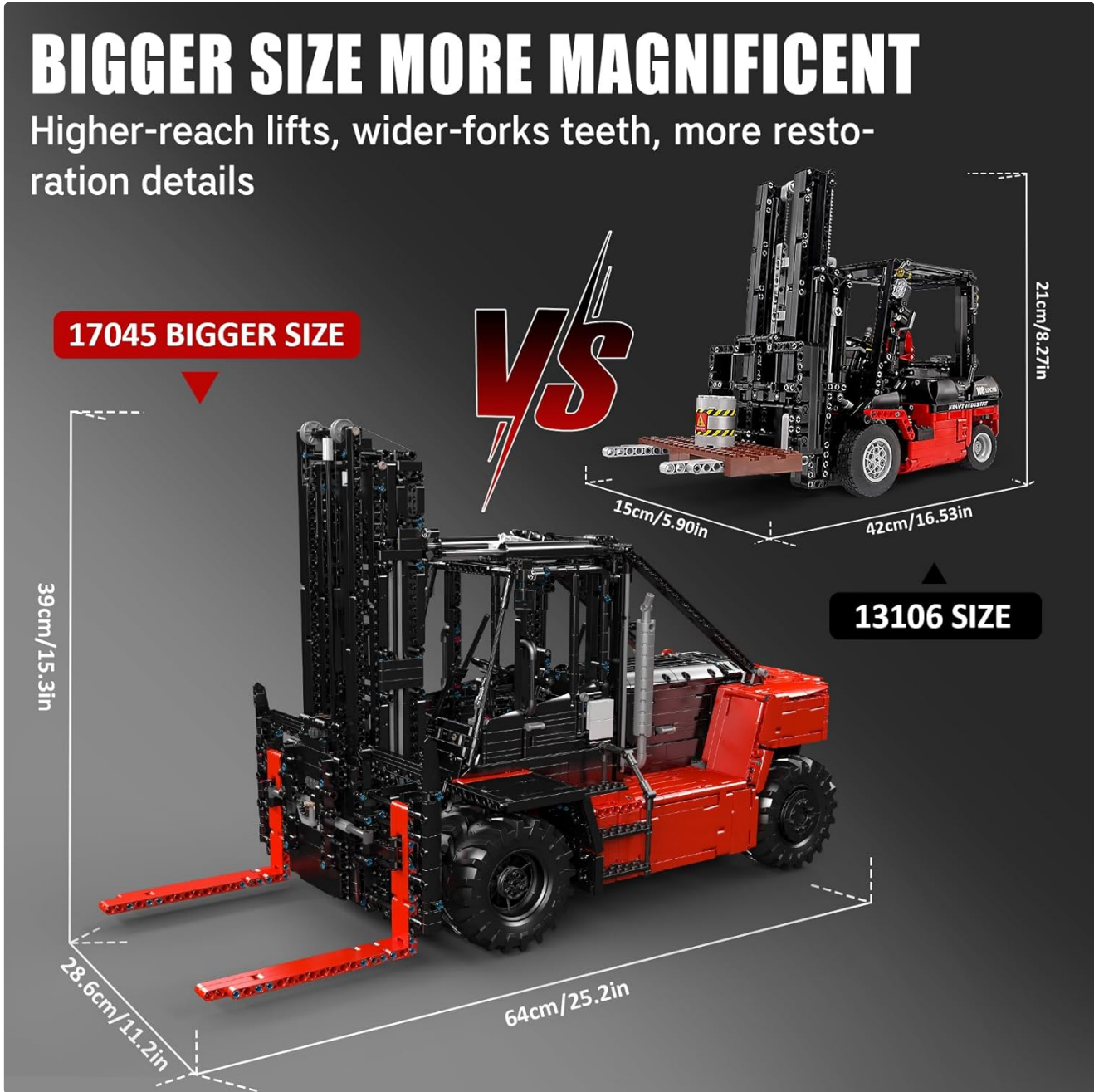


Figure 6: Size comparison of Mould King 17045 vs. 13106 models. This image visually compares the larger dimensions of the 17045 model (64cm length, 39cm height) against the smaller 13106 model, highlighting its more substantial scale.

## 9. WARRANTY AND SUPPORT

Mould King is committed to providing high-quality products. If you encounter any issues or require support, please refer to the following:

- **Warranty Information:** Specific warranty details are typically provided with your purchase documentation. Please retain your proof of purchase.
- **Customer Support:** For missing parts, technical assistance, or other inquiries, please contact Mould King customer service through the retailer where the product was purchased or visit the official Mould King website

for support contact information.