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› Top Race Metal Diecast Tower Crane Model TR-134D Instruction Manual

Top Race TR-134D

Top Race Metal Diecast Tower Crane Model TR-134D Instruction Manual

Model: TR-134D

INTRODUCTION

This manual provides essential information for the assembly, operation, and maintenance of your Top Race Metal Diecast Tower Crane Model TR-134D. This 1:50 scale model is designed with detailed features and functional components, suitable for display and interactive use. Please read these instructions carefully before use to ensure proper handling and longevity of the product.



Image: The Top Race Metal Diecast Tower Crane Model TR-134D, showcasing its full assembly and detailed design.

SAFETY INFORMATION

Observe the following safety guidelines to prevent injury or damage to the product:

- **Adult Supervision:** This product is recommended for ages 4 and up. Adult supervision is advised during assembly and operation, especially for younger users.
- **Small Parts:** The model contains small parts that could pose a choking hazard. Keep away from infants and young children.
- **Pinch Points:** Exercise caution when operating movable parts to avoid pinching fingers.
- **Stability:** Ensure the crane is placed on a stable, flat surface to prevent tipping. The base is designed for stability, but external forces can still cause imbalance.
- **Intended Use:** This model is designed for recreational and display purposes. Do not attempt to lift objects exceeding its structural capacity.

PACKAGE CONTENTS

Verify that all components are present upon opening the package:

- Tower Crane Base
- Vertical Tower Sections
- Crane Jib (Horizontal Arm)
- Counterweight Section
- Driver Cabin
- Hook and Line Assembly
- Manual Operation Knobs

SETUP

Follow these steps to assemble your tower crane model:

1. **Attach Tower to Base:** Securely connect the lowest vertical tower section to the stable floor base. Ensure it clicks into place or is firmly seated.
2. **Assemble Tower Sections:** Connect the remaining vertical tower sections, ensuring each piece is properly aligned and locked.
3. **Mount Crane Body:** Attach the main crane body (which includes the driver cabin and rotation mechanism) to the top of the assembled tower.
4. **Install Jib and Counterweight:** Carefully attach the long horizontal jib arm to the crane body. Then, attach the counterweight section to the opposite end of the jib.
5. **Thread Crane Line:** Route the crane line through the pulleys on the jib and attach the hook assembly. Ensure the line is properly seated in all grooves to prevent tangling.
6. **Verify Stability:** Once assembled, gently test the crane's stability on a flat surface.

OPERATING INSTRUCTIONS

The Top Race Tower Crane features fully functional, manually operated movements:

- **360-Degree Rotation:** The entire cabin and crane assembly can be rotated 360 degrees manually. Gently turn the upper section of the crane to position the jib as desired.
- **Crab-Jib Movement:** Use the designated turning knob on the side of the crane body to move the crab-jib (the trolley that carries the hook) along the horizontal jib arm. Turning the knob in one direction will move it outwards, and in the other direction, inwards.
- **Crane Hook Operation:** Use the separate turning knob to raise or lower the crane hook. Turn clockwise to lower the hook and counter-clockwise to raise it.



Image: Visual guide demonstrating the 360-degree rotation of the crane cabin and the manual operation of the crab-jib and crane hook using turning knobs.

Your browser does not support the video tag.

Video: An overview of the Top Race Metal Diecast Tower Crane Model, highlighting its features and functionality in action.

MAINTENANCE

To ensure the longevity and optimal performance of your tower crane model:

- **Cleaning:** Wipe the model with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Lubrication:** The manual mechanisms are designed for smooth operation. If any part feels stiff, a small amount of silicone-based lubricant can be applied to moving joints, avoiding electrical components if present.
- **Storage:** Store the crane in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Inspection:** Periodically check for any loose connections or damaged parts. Address any issues promptly to prevent further damage.

OTHER PLASTIC BRANDS

- ✗ LONG LASTING
- ✗ HIGH QUALITY
- ✗ HEAVY DUTY

VS.

TOP RACE DIE CAST

- ✓ LONG LASTING
- ✓ HIGH QUALITY
- ✓ HEAVY DUTY



Image: A visual comparison highlighting the robust metal diecast construction of Top Race models, emphasizing their durability and quality over typical plastic alternatives.

TROUBLESHOOTING

If you encounter any issues with your tower crane model, refer to the following common problems and solutions:

- **Crane Not Rotating Smoothly:** Check for any obstructions around the rotating base. Ensure the surfaces are clean. A small amount of lubricant may be applied if needed.
- **Hook Line Tangled:** Carefully untangle the line. Ensure it is correctly threaded through all pulleys. Avoid excessive force when operating the hook.
- **Parts Feel Loose:** Re-examine the assembly steps to ensure all sections are securely connected. If a part is consistently loose, contact customer support.

SPECIFICATIONS

Model Number	TR-134D
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Scale	1:50
Material	Metal Diecast
Approximate Dimensions (Assembled)	20.5 inches (width) x 21.5 inches (height)
Product Dimensions (Packaged)	11.81 x 1.97 x 17.72 inches
Weight	3 Pounds
Recommended Age	4 years and up



Image: The assembled tower crane with approximate dimensions indicated, showing its substantial size for a model.

WARRANTY AND SUPPORT

Top Race products are manufactured to high-quality standards. For any questions, concerns, or support needs regarding your TR-134D Tower Crane model, please refer to the contact information provided with your purchase or visit the official Top Race website. Please retain your proof of purchase for warranty claims.

