

[Manuals.plus](#) /

› [Diecast Masters](#) /

› Diecast Masters 1/87 Caterpillar CT660 Day Cab with Lowboy Trailer & 163H Motor Grader 84414 Instruction Manual

Diecast Masters 84414

Diecast Masters 1/87 Caterpillar CT660 Day Cab with Lowboy Trailer & 163H Motor Grader (Model 84414) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the Diecast Masters 1/87 HO Scale Caterpillar CT660 Day Cab Tractor with Lowboy Trailer and 163H Motor Grader model set, model number 84414. This set is a detailed replica intended for display and collection. Please read these instructions carefully to ensure proper handling and care of your model.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

This product contains small components that may pose a choking hazard. It is recommended for ages 8 years and up due to its detailed and delicate nature. Adult supervision is advised for younger users.

3. PRODUCT OVERVIEW

The Diecast Masters 84414 set includes three primary components: the CAT CT660 Day Cab Tractor, a Lowboy Hauling Trailer, and a CAT 163H Motor Grader. Each piece is crafted in 1:87 (HO) scale with diecast metal and plastic components, featuring realistic details and Caterpillar's signature yellow finish.



3.1. CAT CT660 Day Cab Tractor

The CT660 cab features a detailed interior, free-rolling wheels, and a headache rack. It is designed to connect to the lowboy trailer.



Figure 3.2: The CAT CT660 Day Cab Tractor detached from the Lowboy Trailer.

3.2. Lowboy Hauling Trailer

The lowboy trailer is equipped with rolling wheels and a simulated wood deck finish, designed to transport the motor grader.

3.3. CAT 163H Motor Grader

The 163H Motor Grader features articulated steering and a moveable grader blade, replicating the functionality of its full-sized counterpart.



Figure 3.3: The CAT 163H Motor Grader, showcasing its detailed design.

4. SETUP

The Diecast Masters 84414 set is primarily a display model. Minimal setup is required.

1. **Unboxing:** Carefully remove the model components from their packaging. The set may be secured in a plastic tray.
2. **Assembly:** The CT660 Day Cab Tractor connects to the Lowboy Trailer via a fifth-wheel coupling. Align the trailer's kingpin with the tractor's fifth wheel and gently push down until it secures.
3. **Placement of Grader:** Position the 163H Motor Grader onto the Lowboy Trailer's deck. Ensure it is stable for display.



Figure 4.1: The Diecast Masters 84414 set as it appears in its retail packaging.

5. OPERATING THE MODEL

This diecast model is designed for static display and gentle interaction. It is not intended for rough play.

- **Rolling Wheels:** All vehicles feature free-rolling wheels. They can be gently rolled on smooth surfaces.
- **Articulated Steering (Grader):** The 163H Motor Grader has articulated steering. Gently move the front section relative to the rear section to simulate steering.
- **Moveable Grader Blade:** The grader blade on the 163H Motor Grader can be gently adjusted to different positions. Avoid excessive force to prevent damage.

6. MAINTENANCE

Proper care will preserve the detail and finish of your diecast model.

- **Cleaning:** Use a soft, dry cloth or a soft brush to gently remove dust. For stubborn dirt, a slightly damp cloth with plain water can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Handling:** Always handle the model by its main body sections. Avoid gripping small, delicate parts like mirrors, antennas, or the grader blade, as these can break easily.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent paint fading or material degradation. The original packaging or a display case is recommended for protection.

7. TROUBLESHOOTING

As a static display model, troubleshooting is generally limited to minor issues.

- **Loose Parts:** If a small part becomes loose, it may be reattached using a small amount of model-specific adhesive. Exercise caution and ensure proper alignment.
- **Damaged Parts:** If a part is broken, contact Diecast Masters customer support for potential replacement options or advice.
- **Wheels Not Rolling Smoothly:** Check for any debris caught in the axles. Gently clean if necessary. Ensure the wheels are properly seated.

8. SPECIFICATIONS

Feature	Detail
Model Number	84414
Scale	1:87 (HO Scale)
Product Dimensions (Approx.)	10 inches (L) x 1.5 inches (W) x 1.75 inches (H)
Item Weight	3.2 ounces
Material	Diecast metal and plastic components
Recommended Age	8 years and up
Manufacturer	DM DIECAST MASTERS

9. WARRANTY AND SUPPORT

For specific warranty information or customer support regarding your Diecast Masters model, please refer to the documentation included with your purchase or visit the official Diecast Masters website. Keep your proof of purchase for any warranty claims.

For general inquiries, you may also contact the retailer from whom the product was purchased.