Diecast Masters 85279

Diecast Masters 1/50 Caterpillar 336E H Hybrid Hydraulic Excavator Instruction Manual

Model: 85279

1. Introduction

This manual provides detailed information and instructions for the Diecast Masters 1/50 Caterpillar 336E H Hybrid Hydraulic Excavator model, model number 85279. This highly detailed diecast replica is designed for collectors and enthusiasts, replicating the first machine built by Caterpillar that uses patented and revolutionary hydraulic hybrid technology.

Safety Information

Warning: Not recommended for ages 3 years and under. This product is intended for collectors aged 14 years and up and is not designed or intended for play by young children due to small parts and delicate components.

2. Product Overview

The Diecast Masters 1/50 Caterpillar 336E H Hybrid Hydraulic Excavator is a meticulously crafted scale model featuring intricate details and movable parts. It is made of diecast metal with some small plastic parts, ensuring durability and authenticity.

Key Features

- Detailed operator in cab.
- Cab rotates 360 degrees on chassis.
- Movable metal tracks, boom, stick, and bucket.
- Diecast body with metal tracks, some plastic parts.
- Approximate dimensions: 8.75 inches (L) x 2.75 inches (W) x 3.75 inches (H).
- Authentic Caterpillar Power Edge Trade dress, decals, and paint.
- Detailed cab interior complete with operator, control station, and levers.
- Full-functioning boom, stick, and bucket.
- Removable black digging bucket included.

- Many detail parts: hydraulic lines, mirrors, safety railings and more.
- Moveable metal tracks with bolt detail on each track segment.

Figure 2.1: Front-side view of the Diecast Masters 1/50 Caterpillar 336E H Hybrid Hydraulic Excavator model, showcasing its detailed design and yellow Caterpillar branding.

Figure 2.2: Side view of the excavator model, highlighting the movable boom, stick, and bucket, along with the detailed metal tracks.

Figure 2.3: Image emphasizing the model's status as an adult collectible, ideal for 1:50 scale dioramas and displays. It notes the boom, stick, and bucket can be folded for transport mimicry.

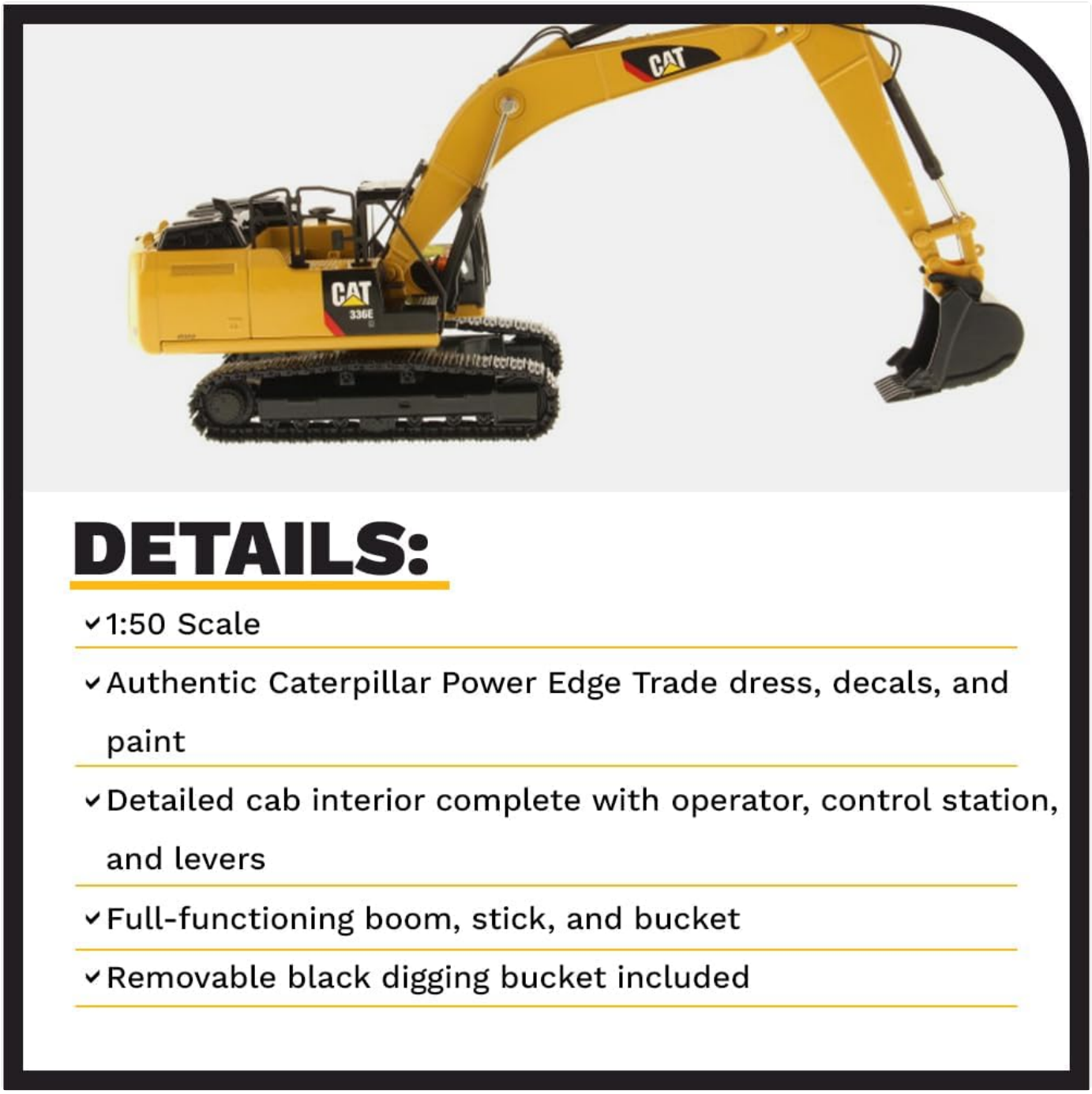

Figure 2.4: Close-up view detailing the 1:50 scale, authentic Caterpillar branding, detailed cab interior, full-functioning boom, stick, and bucket, and the removable black digging bucket.

Figure 2.5: Image highlighting additional details such as hydraulic lines, mirrors, safety railings, movable metal tracks with bolt detail, and the 360-degree rotating chassis.

Figure 2.6: The premium collector's packaging, a full-color printed metal box, designed to protect the model. It features photos of the replica and real machine, and lists key specifications.

Figure 2.7: The excavator model displayed alongside other Diecast Masters High Line Series models (85554 and 85528), suggesting complementary display options for collectors.

3. Setup

1. **Unboxing:** Carefully open the collectible metal box. The model is nestled in soft foam cushioning to ensure its protection during transit. Remove the foam inserts gently to access the excavator.
2. **Inspection:** Before display, inspect the model for any signs of damage. Pay close attention to the movable parts, such as the boom, stick, bucket, and tracks, as well as delicate details like hydraulic lines and railings.
3. **Placement:** Choose a stable, flat surface for display, away from direct sunlight, extreme temperatures, and high humidity to preserve the model's finish and integrity.

4. Operating the Model (Display and Posing)

This diecast model is designed for display and posing, allowing collectors to recreate realistic construction scenes or

showcase its intricate details. It is not a toy and should be handled with care.

- **Cab Rotation:** The operator cab can be rotated 360 degrees on the chassis. Gently grasp the cab and rotate it to the desired position.
- **Boom, Stick, and Bucket Movement:** The boom, stick, and bucket are articulated and can be moved to various positions. Carefully manipulate these components to simulate digging, lifting, or transport configurations. Avoid excessive force to prevent damage to the joints or hydraulic lines.
- **Track Movement:** The metal tracks are movable. While designed for display, they can be gently rolled to adjust the model's position. Avoid forcing the tracks over uneven surfaces or applying pressure that could dislodge them.
- **Removable Bucket:** The black digging bucket is removable. To detach or attach, gently align the connection points and secure it.

5. Maintenance

Proper care will ensure the longevity and pristine condition of your Diecast Masters model.

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft-bristled brush. For more stubborn dirt, a slightly damp cloth can be used, but ensure no water enters delicate mechanisms. Avoid abrasive cleaners or solvents.
- **Handling:** Always handle the model by its main body or chassis. Avoid grasping delicate parts like the boom, stick, bucket, mirrors, or railings, as these can be easily bent or broken.
- **Storage:** When not on display, store the model in its original metal box with foam cushioning to protect it from dust and accidental damage.

6. Troubleshooting

While Diecast Masters models are built with quality, minor issues can sometimes occur. Here are some common concerns and suggested approaches:

- **Loose or Broken Tracks:** The metal tracks are designed to be movable. If a track becomes loose or appears to be detaching, gently inspect the connection points. If a segment is broken, contact Diecast Masters customer support for potential repair or replacement options. Avoid forcing the tracks.
- **Damaged Hydraulic Lines or Railings:** These are delicate components. If they become bent or detached, attempt to gently reshape them or reattach if possible. For significant damage, professional repair or manufacturer assistance may be required. Handle the model with extreme care to prevent such damage.
- **Stiff Moving Parts:** If the boom, stick, or bucket joints feel stiff, do not force them. A very small amount of silicone lubricant (non-oil based) can be applied to the pivot points, but this should be done sparingly and carefully to avoid damaging the paint or plastic.

For issues not covered here, please refer to the Warranty and Support section.

7. Specifications

Product Dimensions	8.75 x 2.75 x 3.75 inches
Item Weight	1 pounds
Model Number	85279
Manufacturer Recommended Age	14 years and up

Manufacturer	Diecast Masters
Material	Diecast metal with some plastic parts
Scale	1:50

8. Warranty and Support

Diecast Masters products are manufactured to high standards. For any inquiries regarding your Diecast Masters 1/50 Caterpillar 336E H Hybrid Hydraulic Excavator model, including potential defects or parts replacement, please contact Diecast Masters directly.

Please visit the official Diecast Masters website or refer to the packaging for the most current contact information and warranty details. Keep your purchase receipt as proof of purchase.

Manufacturer: Diecast Masters

Website: www.diecastmasters.com

© 2024 Diecast Masters. All rights reserved. Caterpillar, CAT, their respective logos, "Caterpillar Yellow," and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and are used under license by Diecast Masters.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question