

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Diecast Masters](#) /
- › [Diecast Masters 1:50 Scale Caterpillar 432F2 Side Shift Backhoe Loader Instruction Manual](#)

Diecast Masters 85249

Diecast Masters Caterpillar 432F2 Side Shift Backhoe Loader

1:50 SCALE MODEL 85249 INSTRUCTION MANUAL

Introduction

This manual provides detailed instructions for the Diecast Masters 1:50 Scale Caterpillar 432F2 Side Shift Backhoe Loader model. This highly detailed replica is designed for display and collection, featuring functional movements and authentic design elements. Please read this manual carefully to understand the model's features and ensure proper handling and care.



Figure 1: Diecast Masters Caterpillar 432F2 Side Shift Backhoe Loader.

Components and Features

The Diecast Masters Caterpillar 432F2 model is a meticulously crafted replica with numerous functional

and aesthetic details. Key components and features include:

- **Authentic Scale Replica:** Accurately scaled at 1:50, featuring Caterpillar Power Edge paint, decals, and trade dress.
- **Work Tool Implements:** Includes a front bucket, pallet fork, material handling arm, rear digging bucket, H70 hydraulic impact hammer, and auger.
- **Side Shift Backhoe:** The backhoe configuration allows it to slide from side to side for operation in confined spaces.
- **Detailed Cab Interior:** Features a detailed operator's cab with an operator figure accessory.
- **Functional Movement:** Realistic steering, free-rolling rubber tires, and movable front loader arms and rear backhoe.
- **Stabilizer Legs:** Rear outriggers can be extended and retracted to stabilize the model during simulated digging operations.
- **Fine Details:** Hand and grab safety railings, exhaust stack, air cleaner, mirrors, orange beacon light, and forward-facing work lights.



ADDITIONAL DETAILS

- ✓ **Front Attachments: Bucket, Pallet Forks, and Material Handling Arm**
- ✓ **Rear Attachments: Digging Bucket, H70 Hammer, and Auger**
- ✓ **High quality small detail pieces: exhaust stack, air cleaner, mirrors with silvered surfaces, working lights, safety railings, and more**
- ✓ **Moveable free-rolling Rubber Wheels with realistic tread pattern.**
- ✓ **Working steering with front axle oscillation**
- ✓ **Working Stabilizer legs go down and up to support the machine while digging**
- ✓ **Entire rear Backhoe frame slides side-to-side to support confined space digging operations**

Figure 2: Additional details and included attachments.

Setup and Initial Inspection

Upon unboxing your Diecast Masters model, perform the following steps:

1. **Unpackaging:** Carefully remove the model from its protective packaging. The model is secured in a collector's metal tin with foam cushioning.
2. **Inspect for Damage:** Examine the model for any signs of damage that may have occurred during transit. Contact customer support if any issues are found.
3. **Attachment Installation:** The model comes with various work tool implements. These can be attached to the working quick couplers on both the front loader and the rear backhoe. Gently align the attachment with the coupler and secure it.
4. **Positioning:** The model can be displayed in various working poses. Adjust the front loader arms, rear backhoe boom, stick, and bucket to your desired configuration.

Operating Functional Movements

The Diecast Masters Caterpillar 432F2 model features several movable parts designed to replicate the functions of the real machine. Handle these parts gently to avoid damage.

- **Front Loader:** The front loader arms can be raised and lowered. The front bucket can be tilted to simulate loading and dumping.
- **Steering:** The front wheels feature working steering. Gently turn the front wheels to simulate vehicle movement.
- **Rear Backhoe:** The backhoe assembly includes a working boom, stick, and bucket with stick extension. These components can be articulated to simulate digging operations.
- **Side Shift Function:** The entire rear backhoe frame can slide from side to side along its rail. This feature allows for positioning the backhoe in various simulated work scenarios, especially in tight spaces.
- **Stabilizers:** The rear stabilizer legs can be manually lowered to provide stability when the backhoe is in a working position, and raised for transport.



DETAILS:

- ✓ 1:50 Scale
- ✓ Dimensions: 6.625 x 2.25 x 3 inches
- ✓ Accurate to scale 432F2 package
- ✓ Authentic Caterpillar Power Edge Trade dress, decals, and paint
- ✓ Working quick coupler with front and rear work tool attachments
- ✓ Side Shift Backhoe at the rear
- ✓ 1:50 scale operator figure accessory included, permanently installed
- ✓ Full-functioning front lift arms, with working quick coupler
- ✓ Rear Backhoe features a working boom, stick, and bucket with stick extension

Figure 3: Detailed view of the backhoe and its articulation.

Care and Maintenance

To preserve the quality and appearance of your diecast model, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Handling:** Always handle the model by its main body. Avoid applying excessive force to delicate parts like mirrors, railings, or antennas.
- **Storage:** Store the model in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. The original metal tin packaging is ideal for long-term storage.
- **Display:** When displaying, ensure the model is on a stable surface to prevent accidental falls.

Troubleshooting

Most issues with diecast models are related to handling or environmental factors. Here are some common points:

- **Stiff Moving Parts:** If a joint or moving part feels stiff, do not force it. Ensure no debris is obstructing the movement. A very small amount of silicone lubricant (non-oil based) can be applied if necessary,

but typically not required for new models.

- **Loose Parts:** Small parts may occasionally become loose. If a part detaches, it can often be reattached using a small amount of model-specific adhesive, applied carefully with a toothpick.
- **Paint Chipping:** Avoid scratching or rubbing the painted surfaces against rough materials. Paint chipping is generally a result of physical impact.

Specifications

Feature	Detail
Model Number	85249
Scale	1:50
Product Dimensions	10.98 x 6.08 x 6.08 inches
Item Weight	1 pound
Material	Die-cast metal and plastic components
Recommended Age	14 years and up
Manufacturer	Diecast Masters

Support and Contact Information

For further assistance, inquiries, or to report any issues with your Diecast Masters model, please refer to the contact information provided on the product packaging or visit the official Diecast Masters website. Keep your purchase receipt for any potential support requests.