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## Eichhorn 109325105

# Eichhorn 109325105 Bob the Builder Excavator Construction Set User Manual

Model: 109325105 | Brand: Eichhorn

## 1. INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the Eichhorn 109325105 Bob the Builder Excavator Construction Set. This high-quality wooden toy allows children to assemble their own excavator, fostering creativity and fine motor skills. Made from FSC 100% certified wood and manufactured in Germany, this set ensures a durable and environmentally friendly play experience. This manual provides essential information for assembly, operation, and maintenance.



Figure 1: Front view of the assembled Eichhorn Bob the Builder Excavator.

## 2. SAFETY INFORMATION

This product is designed for children aged 5 years and older. While no specific safety warnings are provided beyond general toy safety, please observe the following:

- Ensure all parts are securely fastened during assembly and play to prevent choking hazards for younger children.
- Regularly inspect the toy for any loose or damaged parts. Discontinue use if damage is found.
- Adult supervision is recommended during play, especially for younger children.
- Keep packaging materials away from children to avoid suffocation risks.

## 3. PACKAGE CONTENTS

The Eichhorn 109325105 Bob the Builder Excavator Construction Set includes:

- 142 wooden construction pieces.
- Necessary fasteners and tools for assembly (e.g., plastic screws, nuts, and a simple wrench).
- Instruction manual (this document).

## 4. SETUP AND ASSEMBLY

The excavator is designed to be assembled by the user, providing an engaging building experience. Follow these general steps for construction:

1. **Unpack Components:** Carefully remove all 142 pieces from the packaging. Organize them by shape and size to facilitate assembly.
2. **Base Assembly:** Begin by constructing the main chassis of the excavator. Attach the wheel axles and secure the wheels using the provided fasteners.
3. **Cabin and Body:** Assemble the main body and cabin structure. Ensure all connections are tight but do not overtighten to avoid damaging the wood.
4. **Arm and Scoop:** Construct the movable arm and attach the scoop. Pay attention to the pivot points to ensure smooth movement.
5. **Final Checks:** Once assembled, check all connections to ensure stability and proper function of movable parts.



Figure 2: Side view illustrating the construction details of the excavator.

## 5. OPERATING INSTRUCTIONS

The Eichhorn Bob the Builder Excavator is operated manually, encouraging imaginative play and physical interaction.

- **Movement:** Push or pull the excavator to move it across surfaces. The wheels are designed for smooth rolling.
- **Scoop Operation:** Use the articulated arm and scoop to mimic digging and lifting actions. The arm can be raised and lowered, and the scoop can be tilted.
- **Crane/Rear Scoop:** If your model includes a rear crane or scoop, manipulate it manually to simulate construction tasks.



Figure 3: Rear view of the excavator, highlighting the crane/scoop mechanism.



Figure 4: Front view of the excavator with the front scoop in a raised position.

## 6. MAINTENANCE

To ensure the longevity and safety of your Eichhorn excavator, follow these maintenance guidelines:

- **Cleaning:** Wipe the toy with a damp cloth. Do not immerse in water or use harsh cleaning agents, as this can damage the wood.
- **Storage:** Store the toy in a dry place, away from direct sunlight and extreme temperatures, to prevent warping or fading of the wood.
- **Inspection:** Periodically check all screws and connections to ensure they are tight. Retighten if necessary.

## 7. TROUBLESHOOTING

Most issues with this construction set can be resolved with simple adjustments.

- **Loose Parts:** If any parts become loose, gently tighten the corresponding screws or fasteners. Do not overtighten.
- **Stiff Movement:** If a movable part (e.g., the arm or scoop) becomes stiff, check for any obstructions or if the fasteners are too tight. Loosen slightly if needed.
- **Missing Pieces:** If you believe a piece is missing upon unboxing, carefully check all packaging materials. If still missing, contact customer support.

## 8. SPECIFICATIONS

<b>Model Number</b>	109325105
<b>Brand</b>	Eichhorn
<b>Product Type</b>	Wooden Construction Toy (Excavator)
<b>Number of Pieces</b>	142
<b>Material</b>	Wood
<b>Dimensions (L x W x H)</b>	10 x 32 x 25 cm (approximately)
<b>Weight</b>	900 g (approximately)
<b>Recommended Age</b>	5 years and up
<b>Certifications</b>	FSC 100%
<b>Origin</b>	Made in Germany
<b>Educational Value</b>	Concentration, Hand-eye coordination, Skill, Spatial thinking, Spatial memory
<b>Battery Requirement</b>	None

## 9. WARRANTY AND SUPPORT

Eichhorn products are manufactured to high-quality standards. For any questions, concerns, or support regarding your Eichhorn 109325105 Bob the Builder Excavator Construction Set, please refer to the contact information provided on the product packaging or visit the official Eichhorn website. Please retain your proof of purchase for any warranty claims.