

## Eichhorn 100039087

# Eichhorn 100039087 Wooden Construction Set Instruction Manual

Model: 100039087

## INTRODUCTION

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Welcome to your Eichhorn Constructor set. This 90-piece wooden construction set allows you to build three different vehicle models: an excavator, a tractor with a gripper, or a wheel loader. This manual provides instructions for assembly, operation, maintenance, and general information about your product.

This set promotes spatial thinking and fine motor skills through hands-on construction, offering an engaging and educational play experience.

## SAFETY INFORMATION

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- **Recommended Age:** This product is suitable for children aged 4 years and up.
- **Adult Supervision:** Adult supervision is recommended during assembly and play, especially for younger children.
- **Small Parts:** The set contains small parts (screws, nuts) which may pose a choking hazard for children under 3 years. Keep these parts out of reach of infants and toddlers.
- **Material Safety:** The product is made from FSC 100% certified wood, ensuring it is free from harmful substances and plasticizers.
- **Proper Use:** Use the product only as intended for construction and play. Do not modify the toy.

## PACKAGE CONTENTS

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Your Eichhorn Constructor set includes 90 individual pieces. Please verify all parts are present before beginning assembly. The package typically contains:

- Various wooden strips and shaped pieces
- Wheels
- Screws and nuts (fasteners)
- Assembly tools (wrench and screwdriver)
- Pictorial instruction manual for three model variants

If any parts are missing or damaged, please contact customer support.

## SETUP AND ASSEMBLY

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This construction set allows you to build one of three distinct models: an excavator, a tractor with a gripper, or a wheel loader. Choose your desired model before starting assembly.

### General Assembly Steps

1. **Unpack and Organize:** Carefully unpack all components and lay them out. Familiarize yourself with the different wooden pieces, fasteners, and tools.
2. **Consult Instructions:** Refer to the pictorial instruction manual provided with your set. Each model variant has its own step-by-step guide.
3. **Connect Parts:** Use the provided wrench and screwdriver to connect the wooden parts using the screws and nuts. Follow the diagrams closely for correct placement and orientation.
4. **Secure Connections:** Ensure all connections are secure. Tighten screws and nuts firmly, but avoid overtightening, which could damage the wooden components.
5. **Attach Wheels:** Mount the wheels to the chassis of your chosen vehicle model as indicated in the instructions.
6. **Final Check:** Once assembly is complete, check all connections for stability and ensure all moving parts operate smoothly.



Figure 1: An assembled Eichhorn wooden excavator, showcasing the various colorful wooden parts and functional wheels.

## OPERATING INSTRUCTIONS

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Once your chosen model is fully assembled, it is ready for manual operation and imaginative play.

### Excavator Model Operation

The excavator model features a movable arm and bucket. Gently manipulate the arm to simulate digging, scooping, and lifting actions. The wheels allow for manual pushing and pulling of the vehicle.



Figure 2: Detailed view of the excavator's movable arm and bucket, demonstrating its interactive capabilities.

### Tractor with Gripper Model Operation

If you have assembled the tractor with gripper model, you can operate the front-mounted gripper mechanism manually to grasp and move small, lightweight objects. The tractor can be pushed or pulled across surfaces.

### Wheel Loader Model Operation

The wheel loader model is equipped with a front bucket that can be manually raised and lowered. Use this feature to simulate scooping and transporting materials. The vehicle is designed for manual movement.



Figure 3: The Eichhorn wooden construction set assembled as a wheel loader, showing its front bucket in a lowered position.

All models are designed for manual operation, encouraging imaginative play and interaction.

## MAINTENANCE AND CARE

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Proper care will ensure the longevity and continued enjoyment of your Eichhorn Constructor set.

- **Cleaning:** Clean wooden parts with a dry or slightly damp cloth. Avoid using excessive water or harsh cleaning agents, as these can damage the wood.
- **Storage:** Store the set in a dry environment, away from direct sunlight and extreme temperatures, to prevent warping, cracking, or fading of the wood.
- **Tighten Connections:** Periodically check all screws and nuts for tightness. Re-tighten them using the provided tools if they become loose during play.
- **Inspection:** Regularly inspect all components for any signs of wear or damage. Discontinue use if any significant damage is found to ensure safety.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

### Loose Connections

If parts of the assembled model become loose during play, use the provided wrench and screwdriver to re-tighten the screws and nuts. Ensure they are snug but not overly tight.

### Missing Parts

If you discover that parts are missing from your new set upon opening, please contact Eichhorn customer support immediately for assistance.

### Difficulty Assembling

Carefully review the pictorial instructions for your chosen model. Ensure all parts are correctly oriented and connected as shown. If you continue to experience difficulties, refer to the Customer Support section for further assistance.

## SPECIFICATIONS

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Feature	Detail
Brand	Eichhorn
Model Number	100039087
Material	100% FSC Certified Beech Wood
Number of Pieces	90
Recommended Age	4 years and up
Product Dimensions (L x W x H)	8 x 28 x 20 cm

Item Weight	0.1 Kilograms (100 g)
Operation Mode	Manual
Assembly Required	Yes
Model Variants	Excavator, Tractor with Gripper, Wheel Loader
Origin	Made in Germany

## WARRANTY INFORMATION

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Eichhorn products are manufactured to high-quality standards, utilizing FSC 100% certified wood from sustainable forestry. This commitment to quality ensures durability and safety.

For specific warranty claims or to address any manufacturing defects, please retain your proof of purchase and contact Eichhorn customer support. Warranty terms may vary by region.

## CUSTOMER SUPPORT

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For further assistance, questions, or to report any issues with your Eichhorn Constructor set, please contact Eichhorn customer service.

- **Brand:** Eichhorn
- **Manufacturer:** SIMF5
- **Online Resources:** Visit the official Eichhorn website for contact details, FAQs, and additional product information.

We are committed to providing a positive experience with our products.