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Smoby 100039047

Smoby Eichhorn Constructor Maxi Crane 5-in-1 Wooden Construction Set User Manual

Model: 100039047

1. Product Overview

The Smoby Eichhorn Constructor Maxi Crane 5-in-1 set is a comprehensive wooden construction kit designed to foster creativity and fine motor skills in children aged 6 years and above. This set allows for the construction of five different models: a crane, a locomotive, an airplane, a race car, and a mobile crane. It includes 170 pieces made from FSC-certified beech wood, along with plastic screws, rubber wheels, and a screwdriver for assembly.



Image 1: The Eichhorn Constructor Maxi Crane 5-in-1 set, showcasing the various models that can be built, including a crane, locomotive, airplane, and race car, along with the construction pieces.

2. Safety Information

WARNING: CHOKING HAZARD - Small parts. Not suitable for children under 3 years due to small parts that could be swallowed. Adult supervision is recommended during assembly and play, especially for younger children within the recommended age range.

Ensure all components are securely fastened during construction to prevent parts from detaching during play. Regularly inspect the assembled models for any loose or damaged parts. Discontinue use if any damage is found.

3. Package Contents

The Smoby Eichhorn Constructor Maxi Crane 5-in-1 set includes the following components:

- 170 construction pieces

- Perforated beech wood slats
- Plastic screws
- Rubber wheels
- 1 Screwdriver
- Model sheet with construction guides for 5 different vehicles

4. Assembly Instructions

Follow these general steps to assemble your desired model:

1. **Unpack Components:** Carefully remove all 170 pieces from the bucket. Sort the wood slats, screws, and wheels to easily identify them.
2. **Consult Model Sheet:** Refer to the included model sheet for detailed, step-by-step instructions and diagrams for building the crane, locomotive, airplane, race car, or mobile crane. Each model has specific assembly sequences.
3. **Connect Wood Slats:** Use the plastic screws and the provided screwdriver to connect the perforated beech wood slats. Ensure screws are tightened firmly but do not overtighten to avoid damaging the wood or plastic.
4. **Attach Wheels:** For models requiring movement, attach the rubber wheels to the designated axles or connection points as shown in the model sheet.
5. **Verify Stability:** Once assembled, gently test the model for stability and ensure all connections are secure.

The model sheet provides visual guidance, which is crucial for successful assembly. Encourage children to follow the instructions carefully or to use their imagination to create their own unique structures.

5. Operating Instructions

Once a model is successfully assembled, it is ready for play. The operation of each model is intuitive and depends on its design:

- **Vehicles (Locomotive, Race Car, Mobile Crane):** These models are designed for imaginative play, allowing children to push them along surfaces. The rubber wheels provide smooth movement.
- **Crane:** The crane model typically features movable parts, such as a rotating base or an adjustable arm, allowing for simulated lifting and moving of small, lightweight objects (not included).
- **Airplane:** The airplane model is intended for imaginative flight scenarios.

No batteries or external power sources are required for the operation of these models. All movement and interaction are manual.

6. Maintenance

Proper care will ensure the longevity of your Eichhorn Constructor set:

- **Cleaning:** Wipe wooden and plastic parts with a dry or slightly damp cloth. Do not immerse in water. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store all pieces in the original bucket or a similar container in a dry place, away from direct sunlight and extreme temperatures, to prevent warping or damage to the wood.
- **Inspection:** Periodically check all pieces for wear and tear, especially the screws and connection points. Replace any damaged parts if possible, or discontinue use if the integrity of the toy is compromised.

7. Troubleshooting

If you encounter issues during assembly or play, consider the following:

- **Difficulty Assembling:** Double-check the model sheet diagrams. Ensure you are using the correct pieces and orientation. Sometimes, a slight adjustment in angle is needed to align holes.
- **Loose Connections:** If parts feel loose, ensure the plastic screws are fully tightened. Avoid overtightening, which can strip the plastic or crack the wood.
- **Missing Pieces:** Count all pieces against the list of 170. If a piece is genuinely missing, contact customer support (see Section 9).
- **Model Instability:** Review the assembly steps to ensure all structural components are correctly placed and secured. An incorrectly placed slat can affect overall stability.

8. Specifications

Attribute	Detail
Model Number	100039047
Brand	Smoby (Eichhorn Constructor)
Number of Pieces	170
Main Material	FSC Certified Beech Wood and Plastic
Product Dimensions (L x W x H)	23 x 23 x 22.5 cm (9.06 x 9.06 x 8.86 inches)
Item Weight	1.31 Kilograms (2.89 lbs)
Manufacturer Recommended Age	6 years and up
Educational Value(s)	Concentration, Hand-eye Coordination, Dexterity, Spatial Reasoning
Batteries Required	No
Self-assembly Product	No (refers to the product kit itself, not the models built from it)
Languages Supported (Manual)	German, English, Spanish, French, Italian, Russian

9. Warranty and Support

Specific warranty information for the Smoby Eichhorn Constructor Maxi Crane 5-in-1 set is not provided in the product details. For any warranty claims, missing parts, or technical support, please contact the retailer where the product was purchased or refer to the official Smoby website for customer service contact information.
Always retain your proof of purchase for any potential warranty or support inquiries.

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