

Simba 100030032

Heros Constructor Starter 49-Piece Wood Building Set

Model: 100030032 | Brand: Simba

PRODUCT OVERVIEW

The Heros Constructor Starter 49-piece set is a wooden building kit designed to foster spatial thinking and fine motor skills. This set allows users to construct various models, including a superb lifting crane, by connecting wooden elements with provided screws and tools.



Image: Packaging of the Heros Constructor Starter 49-piece set, showing the product name, piece count, and a built crane model.

Key Features:

- Made from PEFC certified beech and maple wood.
- Contains 49 individual pieces.
- Designed to promote spatial reasoning and fine motor skills.
- Manufactured in Germany by HEROS.
- Recommended for ages 3 years and above.

SETUP AND ASSEMBLY

1. Unpacking the Contents

Carefully open the product packaging. Remove all wooden pieces, screws, and tools. Verify that all 49 pieces are present according to the included parts list (if applicable, refer to the diagram in the physical manual).

2. Identifying Components

Familiarize yourself with the different types of wooden blocks, connecting rods, wheels, screws, and the provided wrench and screwdriver. Each piece has specific holes or shapes for connection.

3. Initial Assembly Steps

Begin by selecting a simple structure to build, such as the base of a vehicle or a simple frame. Use the screws to connect two wooden pieces by aligning their holes and inserting a screw. Use the provided tools to tighten the screws securely but do not overtighten to avoid damaging the wood.

- Align holes: Ensure the holes on the wooden pieces are perfectly aligned before inserting screws.
- Insert screws: Push the screw through the aligned holes.
- Tighten with tools: Use the wrench for nuts and the screwdriver for screws to secure connections.

OPERATING AND BUILDING

The Heros Constructor Starter set encourages creative building. The primary method of operation involves connecting the various wooden elements using the provided screws and tools to form stable structures.



Image: An example of a crane model assembled using the Heros Constructor Starter set, demonstrating connected wooden pieces, wheels, and a lifting mechanism.

Building a Crane (Example):

1. **Base Construction:** Start by building a stable rectangular base using longer wooden planks and connecting blocks. Attach four wheels to the corners of the base using axles and screws.
2. **Vertical Support:** Construct a vertical support structure in the center of the base. This will form the main mast of the crane.
3. **Boom Assembly:** Assemble the crane's boom (arm) using several wooden pieces, ensuring it can pivot. Attach it to the top of the vertical support.
4. **Lifting Mechanism:** Incorporate a string or cord with a small block at the end, running it over a pulley-like connection point on the boom to simulate a lifting function.
5. **Testing Stability:** After assembly, gently test the stability of your creation. Ensure all connections are tight and the structure can stand independently.

Experiment with different configurations to build various vehicles, structures, or abstract designs. The set is designed for open-ended play and construction.

MAINTENANCE AND CARE

Proper care will ensure the longevity of your Heros Constructor Starter set.

Cleaning:

- Wipe wooden pieces with a clean, damp cloth.

- Do not submerge wooden parts in water.
- Avoid using harsh chemical cleaners, as they may damage the wood finish.
- Allow pieces to air dry completely before storing.

Storage:

- Store all pieces in a dry place, away from direct sunlight or extreme temperatures.
- Keep small parts (screws, nuts) in a separate container to prevent loss.
- Disassemble complex structures for compact storage if desired.

TROUBLESHOOTING

Loose Connections:

If a constructed model feels wobbly or connections are loose, ensure that all screws are tightened properly using the provided tools. Do not overtighten, as this can strip the wood or screw threads.

Missing Pieces:

In the unlikely event of missing pieces upon opening the box, carefully check all packaging materials. If a piece is genuinely missing, please refer to the support section for contact information.

Damaged Parts:

If any wooden pieces are splintered or damaged, discontinue use of that specific piece to prevent injury. Contact customer support for replacement options.

SPECIFICATIONS

Attribute	Detail
Model Number	100030032
Number of Pieces	49
Main Material	Wood (Beech and Maple, PEFC certified)
Recommended Age	3 years and up
Educational Value	Spatial Reasoning, Fine Motor Skills
Product Dimensions (Packaging)	17.8 x 14 x 9.2 cm (approx. 7 x 5.5 x 3.6 inches)
Item Weight	421.84 grams (approx. 0.93 lbs)
Batteries Required	No
Country of Origin	Germany
International Article Code (EAN)	04051902300329

WARRANTY AND SUPPORT

Specific warranty information for the Heros Constructor Starter 49-piece set is not provided within this

manual. For details regarding product warranty, returns, or replacement parts, please refer to the retailer's policy where the product was purchased or visit the official Simba brand website.

For further assistance or inquiries, you may also visit the [Simba Brand Store on Amazon](#).

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This manual is for informational purposes only. Product specifications are subject to change without notice.