

## MOCBURIKU W6810

# MOCBURIKU W6810 3D Wooden Excavator Model

Instruction Manual

Brand: MOCBURIKU | Model: W6810

## 1. INTRODUCTION

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Thank you for choosing the MOCBURIKU W6810 3D Wooden Excavator Model. This kit offers an engaging and rewarding assembly experience, resulting in a detailed mechanical model with interactive features.

Designed for individuals aged 14 and up, this model provides a hands-on opportunity to build a functional wooden excavator.

The model features precise laser-cut wooden parts that meticulously recreate the structure of an excavator. Once assembled, the model includes a gear system allowing the cockpit and arms to rotate 360 degrees, and a pull-back function for movement.

# 3D WOODEN PUZZLE

177

PIECES

4

HOURS

14+

AGE

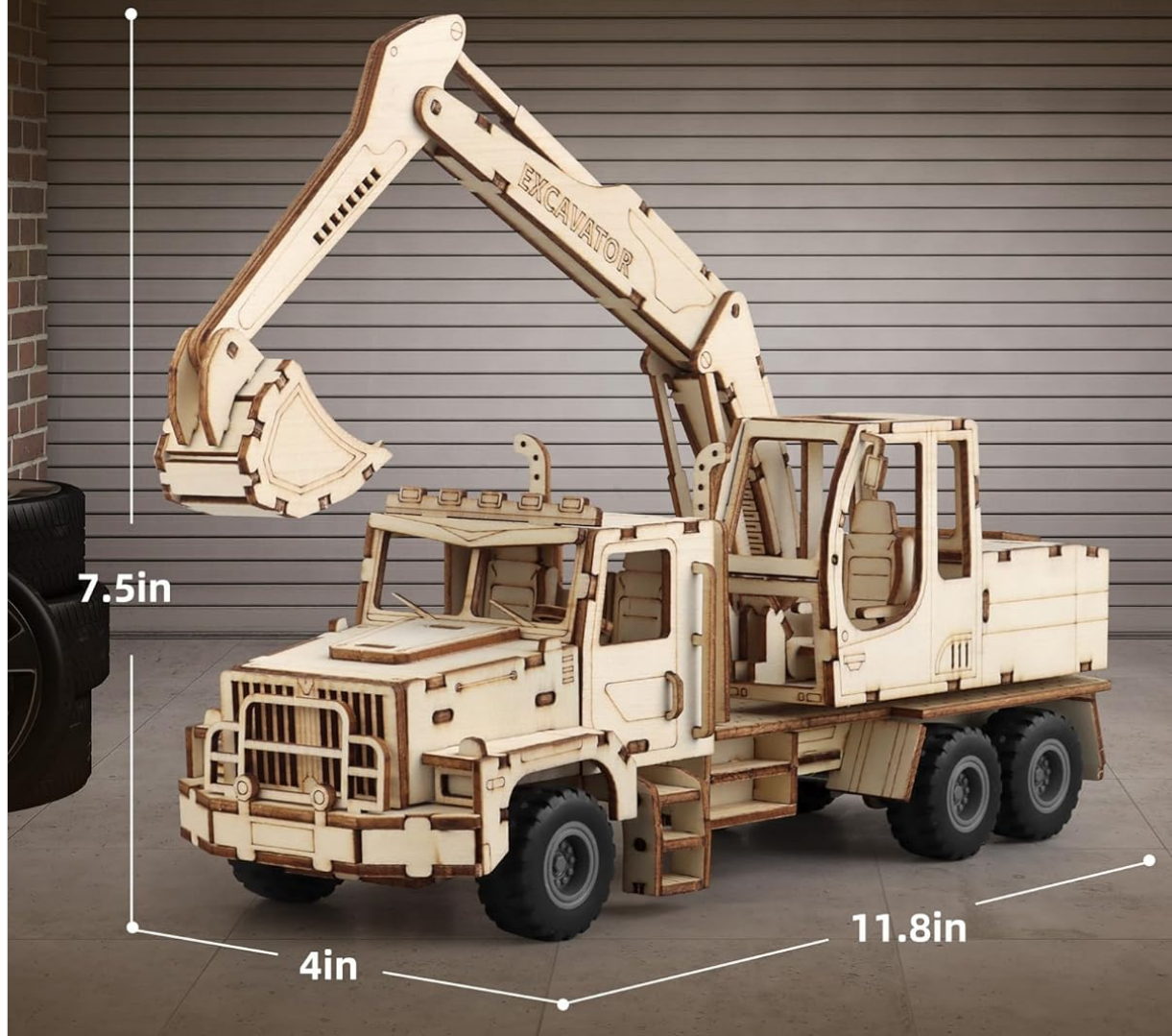


Figure 1: Assembled MOCBURIKU W6810 Excavator Model with key dimensions.

## 2. PACKAGE CONTENTS

Please verify that all components are present in your kit before beginning assembly:

- 177 Pieces Wooden Parts (laser-cut sheets)
- Instruction Manual
- Rubber Tires
- Glue

# EVERYTHING YOU NEED

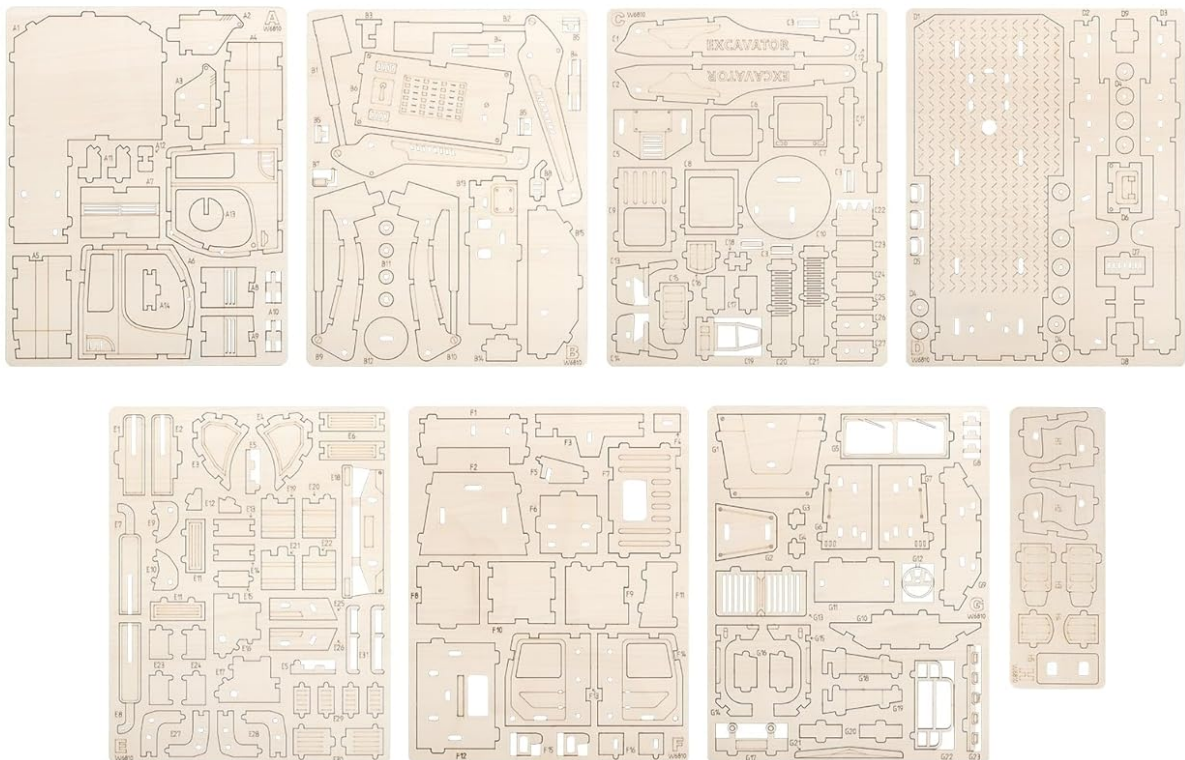


Figure 2: All components included in the MOCBURIKU W6810 kit.

### 3. SAFETY INFORMATION

**WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years old. Packing must be retained since it contains important information.**

- Keep small parts away from young children.
- Use glue in a well-ventilated area. Avoid contact with skin and eyes.
- Handle wooden parts carefully to prevent splinters or breakage.

### 4. ASSEMBLY INSTRUCTIONS

The assembly process for the MOCBURIKU W6810 Excavator Model typically takes 3-4 hours. Follow the

included step-by-step illustrated guide for best results. Ensure you have a clean, well-lit workspace.

### General Assembly Tips:

- Carefully detach pieces from the wooden sheets. Use a craft knife if necessary for stubborn connections, but exercise caution.
- Refer to the numbered diagrams in the printed instruction manual for precise placement of each part.
- Pieces are designed to snap together. Apply a small amount of the provided glue to joints for added stability, especially for structural components.
- Allow glue to dry completely before proceeding to the next steps, particularly for moving parts.



# ENJOY DIY FUN ASSEMBLY

## Laser cutting, Beginner-friendly

Figure 3: Hands-on assembly of wooden components.

# 3D WOODEN EXCAVATOR MODEL KITS



Figure 4: Collaborative assembly can enhance the experience.

## Assembly Video Reference:

The following video provides a general overview of the assembly process for MOCBURIKU 3D Wooden Assembly Car Series models. While not specific to the Excavator model, it demonstrates the techniques for detaching pieces, snapping them together, and applying glue.

Your browser does not support the video tag.

Video 1: General assembly demonstration for MOCBURIKU wooden models.

## 5. OPERATING INSTRUCTIONS

Once your MOCBURIKU W6810 Excavator Model is fully assembled, you can enjoy its interactive features:

### **Pull-Back Function:**

The model is equipped with a pull-back mechanism. To activate, simply pull the excavator model backward along a flat surface. Release it, and the internal mechanism will propel the model forward. The pull-back function allows for a travel distance of up to 20 feet on smooth surfaces.



Figure 5: Demonstrating the pull-back function.

### **360-Degree Cab Rotation:**

The excavator's cab and arm assembly are designed to rotate 360 degrees. Gently turn the cab to position the arm as desired. This feature allows for dynamic posing and interaction with the model.

# CAB 360° ROTATION

can dig in any direction



Figure 6: The cab and arm can rotate 360 degrees.

## 6. MAINTENANCE

To ensure the longevity and appearance of your MOCBURIKU W6810 3D Wooden Excavator Model, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. Avoid using wet cloths or harsh cleaning agents, as these can damage the wood.
- **Storage:** Store the model in a dry environment, away from direct sunlight and extreme temperature fluctuations, which can cause the wood to warp or crack.
- **Handling:** Handle the model with care, especially delicate parts, to prevent accidental breakage.
- **Repairs:** If any parts become loose or detached, reapply a small amount of wood glue to secure

them.

## 7. TROUBLESHOOTING

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Here are solutions to common issues you might encounter during or after assembly:

- **Pieces not fitting:** Ensure you are using the correct pieces for each step as indicated in the manual. If a piece is slightly tight, gently sand the edges. Do not force pieces, as this can cause breakage.
- **Pieces breaking during detachment:** Some thinner pieces can be fragile. Detach them slowly and carefully. If a piece breaks, use the provided glue to repair it. The kit includes some extra pieces for common break points.
- **Model is unstable:** Ensure all joints are securely fastened with glue where recommended. Allow sufficient drying time for the glue.
- **Pull-back function not working:** Check that the internal mechanism is correctly assembled and not obstructed by any loose parts or excess glue. Ensure the wheels are free to rotate.

## 8. SPECIFICATIONS

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**Product Dimensions:** 11.81 x 7.48 x 0.1 inches (unassembled sheet size)

**Assembled Model Size:** Approximately 11.8 x 3.9 x 7.9 inches

**Item Weight:** 1.1 pounds

**ASIN:** B0F48377DD

**Item Model Number:** W6810

**Manufacturer Recommended Age:** 14 years and up

**Number of Pieces:** 177

**Material:** High-quality, safe, environmentally friendly poplar wood

**Features:** Pull-back function, 360-degree cab rotation

## 9. WARRANTY AND SUPPORT

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MOCBURIKU is committed to providing high-quality products. If you encounter any problems during assembly or with the product itself, please contact MOCBURIKU directly for assistance. Our customer support team is available to help resolve any issues you may experience.

Please retain your purchase receipt for any warranty claims or support inquiries.