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## Merax JD16888

# Merax Metal L-Shaped Bunk Bed User Manual

Model: JD16888

## 1. INTRODUCTION

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This manual provides essential information for the safe assembly, operation, and maintenance of your Merax Metal L-Shaped Bunk Bed. Please read all instructions carefully before beginning assembly and retain this manual for future reference. This L-shaped bunk bed features a twin over full configuration with an attached loft, including a desk, guardrails, and ladders, designed for efficient space utilization and functionality.



Image 1.1: Overall view of the Merax Metal L-Shaped Bunk Bed with a loft and desk.

## 2. SAFETY INFORMATION

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Your safety is paramount. Adhere to the following guidelines to prevent injury and ensure the longevity of your bunk bed.

- **Proper Assembly:** Ensure all components are correctly assembled and tightened according to the instructions. Loose connections can lead to instability.
- **Weight Capacity:** Do not exceed a total weight of 350 pounds for the entire bed structure. Individual bunk weight limits should be observed if specified.
- **Guardrails:** Always use the provided guardrails on the upper bunk to prevent falls. Ensure they are securely attached.
- **Ladders:** Use ladders for ingress and egress from the upper bunk. Do not jump on or off the bed.
- **Regular Checks:** Periodically inspect all bolts, screws, and connections to ensure they remain tight. Check for

squeaks regularly, as this can indicate loose fittings.

- **Mattress Size:** Use only mattresses of the specified size to ensure proper fit and safety with guardrails.
- **Ventilation:** Ensure adequate ventilation around the bed, especially if placed against a wall, to prevent moisture buildup.

### 3. PRODUCT OVERVIEW

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The Merax L-Shaped Bunk Bed is designed to maximize space with its unique configuration. It includes a twin-sized upper bunk, a full-sized lower bunk, and an integrated loft area with a desk, all constructed from durable metal.



Image 3.1: Top-down view illustrating the L-shaped configuration of the bunk bed, showing the twin upper, full lower, and loft beds.

Key features include:

- **L-Shaped Design:** Optimizes room space, allowing for three sleeping areas.
- **Integrated Desk:** A functional workspace located beneath the loft bed.

- **Sturdy Metal Construction:** Provides durability and stability.
- **Guardrails:** Full-length guardrails on all upper beds for enhanced safety.
- **Ladders:** Multiple integrated ladders for easy access to upper bunks.



Image 3.2: Detail of the integrated desk area and one of the access ladders.

## 4. ASSEMBLY INSTRUCTIONS

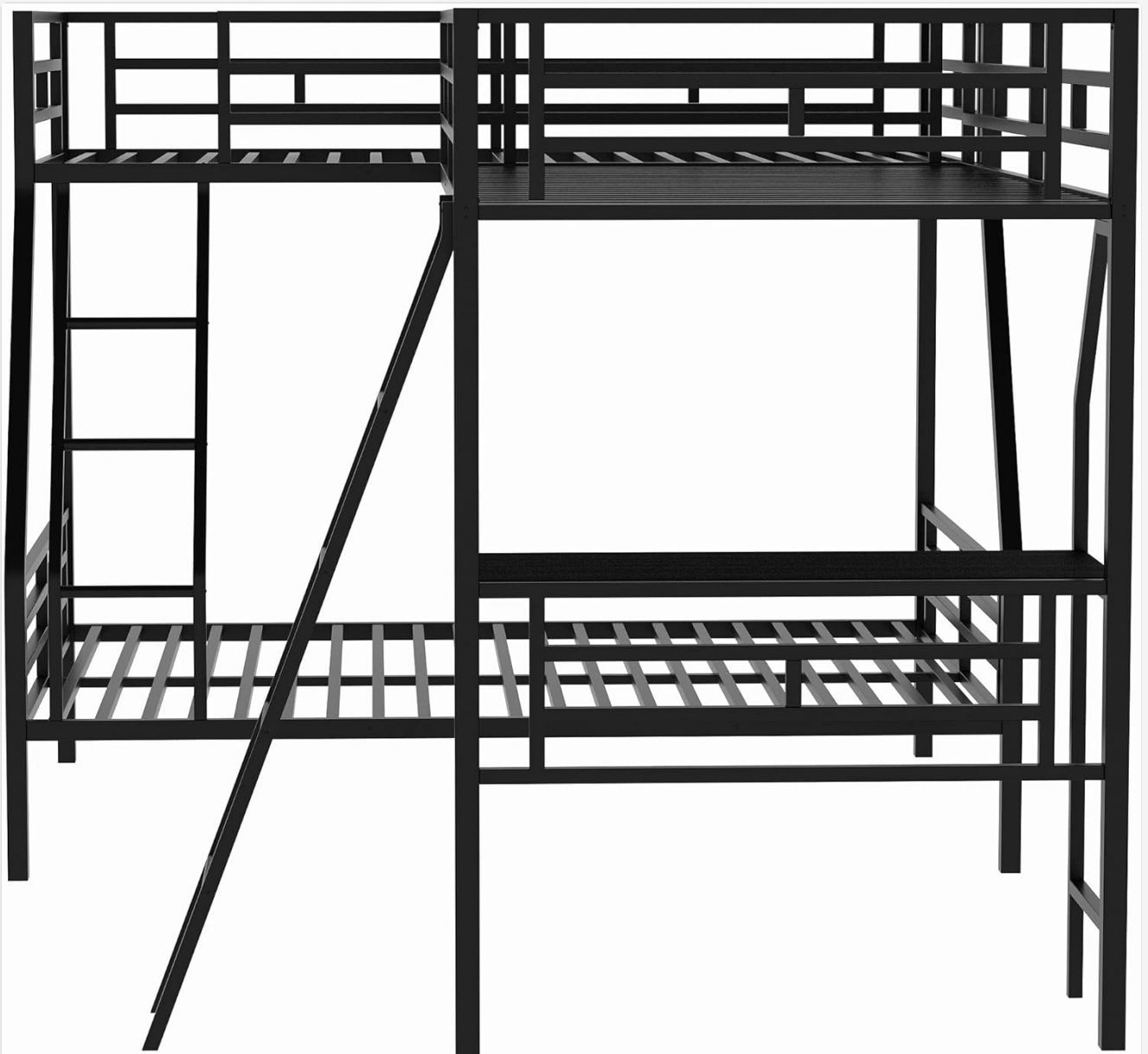
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Assembly requires at least two adults. Ensure all parts are present before beginning. Tools required (not included): Phillips head screwdriver, Allen wrench (often included with hardware). Follow the numbered steps provided in your packaging for detailed instructions. The general process involves:

1. **Unpack and Identify Parts:** Lay out all components and hardware. Compare them against the parts list in your packaging to ensure everything is accounted for.
2. **Assemble Base Frames:** Begin by assembling the base frames for each bed (twin upper, full lower, and loft). Secure all crossbars and side rails.
3. **Attach Support Legs and Vertical Posts:** Connect the vertical support posts and legs to the assembled base frames.
4. **Install Guardrails:** Securely attach the guardrails to the upper bunk and loft bed frames.
5. **Mount Ladders:** Attach the ladders to their designated positions, ensuring they are stable and firmly connected.
6. **Assemble Desk Unit:** Construct and attach the desk and shelving unit to the loft frame.
7. **Final Tightening:** Once all components are in place, systematically tighten all bolts and screws. Do not overtighten.
8. **Stability Check:** Gently shake the assembled bed to ensure it is stable and all connections are secure.



Image 4.1: Side view of the bunk bed frame, illustrating the metal structure and connection points for assembly.



## 5. OPERATION GUIDELINES

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To ensure safe and proper use of your Merax L-Shaped Bunk Bed:

- **Accessing Upper Bunks:** Always use the provided ladders to climb to and descend from the upper bunk and loft bed. Do not use chairs or other furniture.
- **Weight Distribution:** Distribute weight evenly across the bed frames. Avoid concentrating heavy loads in one area.
- **No Horseplay:** Prohibit jumping on the bed or engaging in rough play, especially on the upper bunks.
- **Desk Use:** The integrated desk is designed for light use, such as studying or working with a laptop. Do not place excessively heavy items on it.

## 6. MAINTENANCE

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Regular maintenance will help preserve the condition and safety of your bunk bed.

- **Cleaning:** Wipe down metal surfaces with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Fastener Checks:** Every 3-6 months, re-tighten all bolts and screws. Over time, fasteners can loosen with use.
- **Squeak Prevention:** If squeaking occurs, identify the source and tighten the corresponding fasteners. Lubricating joints with a silicone-based spray can also help.
- **Damage Inspection:** Periodically inspect the frame for any signs of damage, bending, or cracks. Discontinue use if significant damage is found and contact customer support.

## 7. TROUBLESHOOTING

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Common issues and their solutions:

- **Bed feels wobbly or unstable:**
  - Ensure all bolts and screws are fully tightened.
  - Verify that all components are correctly aligned and assembled according to the manual.
  - Check if the bed is on an even surface.
- **Squeaking noises:**
  - Identify the source of the squeak.
  - Tighten any loose bolts or connections in the affected area.
  - Apply a small amount of lubricant (e.g., silicone spray) to metal-on-metal contact points.
- **Missing parts during assembly:**
  - Double-check all packaging materials.
  - Contact Merax customer support with your model number and a description of the missing part.

# 8. SPECIFICATIONS

Detailed specifications for the Merax Metal L-Shaped Bunk Bed:

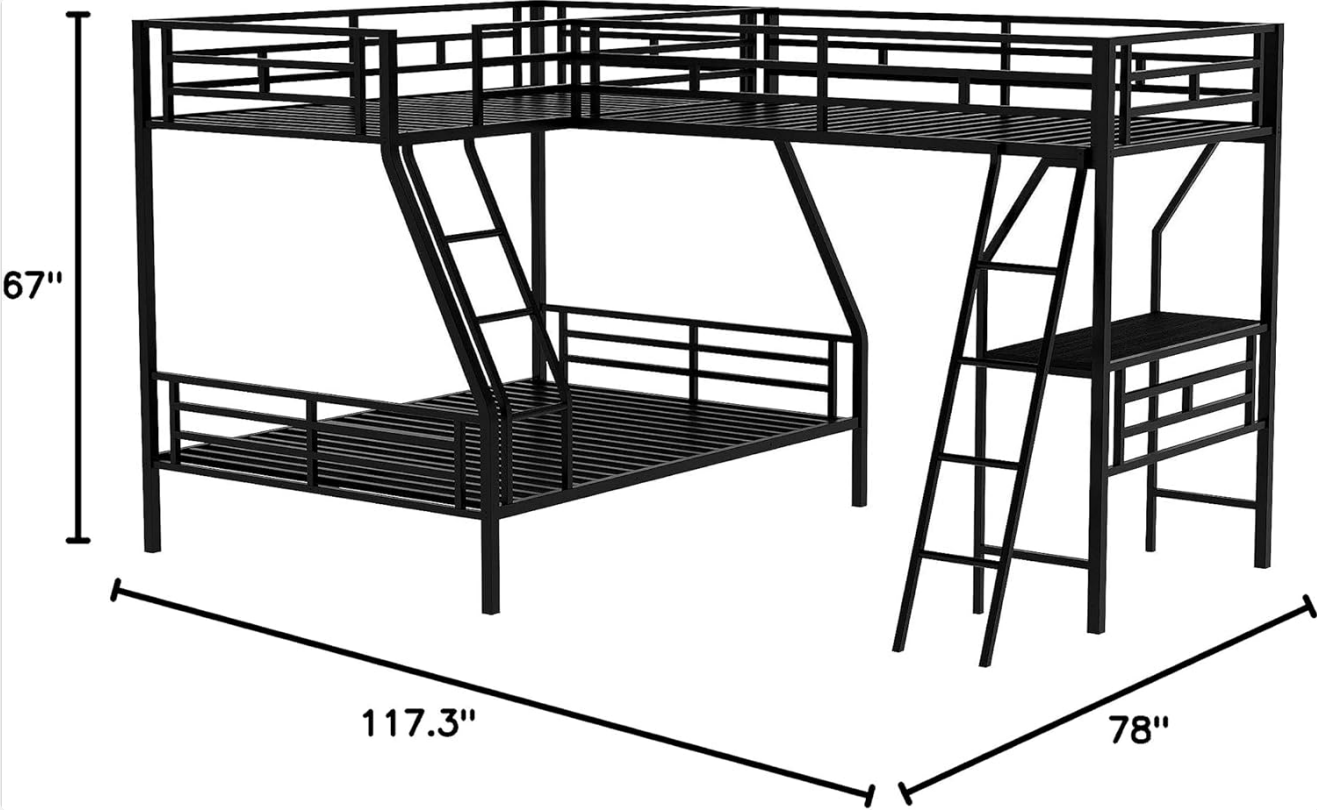


Image 8.1: Dimensional diagram of the Merax L-Shaped Bunk Bed.

## Product Specifications

Feature	Detail
Brand	Merax
Model Number	JD16888
Form Factor	L-Shaped Bunk Bed with Loft
Size	Twin over Full
Product Dimensions (L x W x H)	117.3"L x 78"W x 67"H
Color	Black
Finish Type	Painted
Material	Metal
Special Feature	Squeak Resistant
Assembly Required	Yes
Item Weight	108 pounds
Compatible Mattress Size	Twin (upper/loft), Full (lower)
UPC	195358343609

## 9. WARRANTY AND SUPPORT

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For warranty information or customer support, please refer to the documentation included with your purchase or visit the official Merax website. When contacting support, please have your model number (JD16888) and purchase date available.

You can also visit the Merax Store on Amazon for additional product information and support resources.

