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› VINGLI Heavy Duty 6-Tier Storage Shelving Unit (Model DS-G52007958) Instruction Manual

## VINGLI DS-G52007958

# VINGLI Heavy Duty 6-Tier Storage Shelving Unit

Model: DS-G52007958

## 1. SAFETY INFORMATION

Please read all safety instructions carefully before assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- Always ensure the shelves are properly assembled and secured to the wall using the provided wall-mounting kit to prevent tipping.
- Do not overload the shelves beyond their stated weight capacity. Each shelf supports up to 316 lbs, with a total unit capacity of 1900 lbs.
- Keep the area around the shelves clear to prevent accidents and ensure stability.
- Wear protective gloves during assembly to avoid cuts or pinches from metal edges.
- Assemble on a flat, stable surface.

## 2. PRODUCT OVERVIEW

The VINGLI Heavy Duty 6-Tier Storage Shelving Unit is designed for robust storage in various environments such as garages, basements, kitchens, and warehouses. It features a durable metal frame and adjustable MDF shelves, offering significant load capacity and versatile configuration options.



Image: The VINGLI 6-Tier Storage Shelving Unit configured in a corner, showcasing its use for organizing various items including potted plants.

Key features include:

- **High Load Capacity:** Supports up to 316 lbs per shelf, with a total unit capacity of 1900 lbs.
- **Adjustable Shelves:** Shelf height can be customized to accommodate items of various sizes.
- **Durable Construction:** Made with high-strength steel and 5mm thickened MDF boards, coated with anti-rust powder for longevity.
- **Boltless Design:** Facilitates quick and tool-free assembly.
- **Stable Design:** Includes non-slip leveling feet and a wall-mounting kit for enhanced stability and safety.



**The Galvanized Surface**



**High Quality MDF Boards**



**Support Beams**



**Non-Slip Scratch-Resistant Pads**

Image: Detailed view of the shelving unit's components, highlighting the galvanized surface, high-quality MDF boards, support beams, and non-slip scratch-resistant pads.

### 3. PACKAGE CONTENTS

Before beginning assembly, please ensure all parts are present and undamaged. The package should contain:

- Metal upright posts (vertical supports)
- Metal horizontal beams (for shelf support)
- MDF shelf boards
- Non-slip leveling feet
- Wall-mounting kit (hardware for securing to a wall)
- Cotton gloves (for protection during assembly)
- Rubber hammer (for tapping components into place)
- Installation manual

# EASY ASSEMBLY BOLTLESS DESIGN



Boltless design  
easy to assemble it



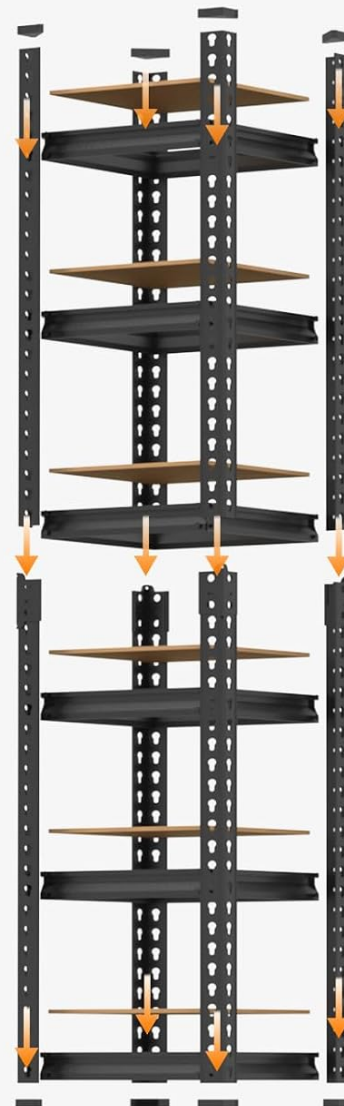
A rubber hammer  
for your installation



Cotton gloves  
for safeguard



Installation manual  
for helping you



Assembly takes about 15 minutes and it is recommended that 2 people work together to assemble.

Image: Visual representation of the boltless design, included rubber hammer, cotton gloves, and the installation manual, emphasizing easy assembly.

## 4. SETUP AND ASSEMBLY INSTRUCTIONS

Assembly typically takes about 15 minutes and is recommended for two people. No additional tools are required beyond those provided.

### Preparation:

1. Clear a spacious, flat area for assembly.
2. Unpack all components and verify against the package contents list.
3. Wear the provided cotton gloves to protect your hands.

### Assembly Steps:

1. **Assemble the Base Frame:** Connect four short horizontal beams to two vertical upright posts to form the bottom rectangular frame. Ensure the tabs on the beams align with the slots on the posts and tap gently with the rubber

hammer until secure.

2. **Add First Shelf:** Place an MDF board onto the assembled base frame.
3. **Extend Vertical Posts:** Attach the next set of vertical upright posts to the top of the first set using the provided connectors.
4. **Install Subsequent Shelves:** Repeat step 1 and 2 for each subsequent shelf level, adjusting the height of the horizontal beams as desired before securing them. The boltless design allows for flexible height adjustment.
5. **Attach Top Frame:** Once all shelves are in place, connect the remaining horizontal beams to form the top frame.
6. **Install Non-Slip Feet:** Place the non-slip leveling feet onto the bottom of the vertical posts.
7. **Secure to Wall (Recommended):** For maximum stability and safety, especially with heavy loads or in areas with potential for tipping, use the wall-mounting kit to secure the shelving unit to a sturdy wall.



Image: Illustration demonstrating the versatility of the shelving unit, allowing for assembly as a single tall unit or two separate shorter units.

**HEIGHT CAN BE ADJUSTED AT WILL**



Image: Diagram illustrating how the height of the shelves can be adjusted at will to accommodate different item sizes.



Image: Example of the shelving unit configured as two shorter, separate units, demonstrating its adaptability to different spaces and needs.

## 5. OPERATING INSTRUCTIONS

Once assembled, the VINGLI storage shelving unit is ready for use. Observe the following guidelines:

- **Load Distribution:** Distribute weight evenly across each shelf. Avoid concentrating heavy items in one small area.
- **Weight Limits:** Do not exceed the maximum weight capacity of 316 lbs per shelf or 1900 lbs for the entire unit.
- **Adjusting Shelves:** To adjust shelf height, carefully unload the shelf, disassemble the horizontal beams for that level, reposition them to the desired height, and reassemble.
- **Stability Check:** Periodically check that the unit is stable and that all connections are secure. Ensure the non-slip feet are properly seated and the unit is level.



Image: The shelving unit demonstrating its 1900 lbs heavy-duty load capacity with multiple heavy items on its shelves.

## 6. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your shelving unit.

- **Cleaning:** Wipe down the metal frame and MDF boards with a damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the powder coating or MDF.
- **Inspection:** Periodically inspect the unit for any signs of wear, damage, or loose connections. Ensure all beams are securely seated in their slots.
- **Rust Prevention:** While the unit has an anti-rust powder coating, avoid prolonged exposure to excessive moisture to prevent potential rust, especially in damp environments like basements.

## 7. TROUBLESHOOTING

If you encounter issues with your shelving unit, consider the following:

- **Wobbling/Instability:** Ensure the unit is placed on a level surface. Adjust the non-slip leveling feet if necessary. Verify that all horizontal beams are fully seated and secured into the vertical posts. Confirm the unit is secured to the wall using the wall-mounting kit.
- **Difficulty Assembling:** Ensure you are aligning the tabs and slots correctly. Use the rubber hammer to gently tap components into place. Refer to the assembly diagrams in the included manual.
- **Shelf Sagging:** Ensure the weight on the shelf does not exceed 316 lbs and is evenly distributed. Check that the support rods underneath the MDF boards are correctly positioned.

## 8. SPECIFICATIONS

| Feature                  | Detail                                |
|--------------------------|---------------------------------------|
| Model Number             | DS-G52007958                          |
| Product Dimensions       | 16"D x 16"W x 72"H (72"H X16"W X16"D) |
| Number of Shelves        | 6                                     |
| Material                 | Metal, Wood (MDF boards)              |
| Color                    | Black                                 |
| Weight Limit (Per Shelf) | 316 Pounds                            |
| Total Weight Limit       | 1900 Pounds                           |
| Item Weight              | 15.43 Pounds                          |
| Finish Type              | Powder Coated                         |
| Assembly Required        | Yes (Approx. 15 minutes, tool-free)   |
| Installation Type        | Freestanding (Wall mount recommended) |

# PRODUCT SIZE



Image: Product dimensions diagram, illustrating the 72-inch height and 15.7-inch width and depth of the shelving unit.

## 9. WARRANTY INFORMATION

Warranty information for this product is not explicitly specified in the provided product data. Please refer to the retailer's return policy or contact VINGLI customer support for details regarding warranty coverage.

## 10. SUPPORT

For further assistance, questions, or to report any issues, please contact VINGLI customer support or visit the official VINGLI store.

- **NINGLI Store:** [Visit the VINGLI Store on Amazon](#)
- **Customer Service:** Refer to your purchase documentation or the VINGLI store page for direct contact information.

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