Masko 2x 180x90x40cm 5-Shelf

MASKO Heavy Duty Storage Shelves Instruction Manual

Model: 2x 180x90x40cm 5-Shelf | Brand: Masko

1. Introduction

Thank you for choosing the MASKO Heavy Duty Storage Shelves. This manual provides essential information for the safe assembly, operation, and maintenance of your new storage system. Please read these instructions carefully before beginning assembly and retain them for future reference.



Figure 1: Assembled MASKO Heavy Duty Storage Shelf Unit

The MASKO storage shelves are designed for efficient organization in various environments such as cellars, garages, workshops, and warehouses. Each unit features a robust galvanized metal frame and five adjustable MDF shelves, providing significant storage capacity.

2. Safety Information

Adhering to these safety guidelines is crucial for preventing injury and damage to the product.

- **Weight Capacity:** Do not exceed the maximum load capacity of 175 kg per shelf or 875 kg per unit. Distribute weight evenly across shelves.
- **Secure Fastening:** Always secure the assembled shelf unit to a wall using appropriate fasteners to prevent tipping, especially in areas with children or seismic activity. Pre-drilled holes are provided for this purpose.
- **Assembly:** Wear protective gloves during assembly to avoid cuts from metal edges. A rubber mallet is recommended for tapping components into place.
- **Floor Protection:** Utilize the provided rubber feet to protect your flooring from scratches and enhance stability.

- **Stability:** Ensure the shelf is placed on a flat, stable surface. The central crossbars on each level contribute to overall stability.
- **Children and Pets:** Keep children and pets away from the unit during assembly. Once assembled, ensure the unit is stable and secured to prevent accidents.



Figure 2: Wall mounting for enhanced safety



Figure 3: Rubber feet and recommended gloves

3. Package Contents

Verify that all components are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

- Vertical support beams (split into sections for assembly)
- Horizontal support beams (long and short)
- MDF shelf panels (5 per unit)
- Rubber feet (for base of vertical beams)
- Coupling plates (for connecting vertical beam sections)
- Optional: Wall mounting hardware (screws, anchors) - *May not be included, check packaging.*

4. Assembly Instructions

The MASKO storage shelves feature a boltless, interlocking design for quick and easy assembly. No screws or drills are required for the main frame assembly, though a rubber mallet is highly recommended.

1. **Prepare the Area:** Clear a spacious, flat area for assembly. Lay out all components and ensure you have a rubber mallet and protective gloves.
2. **Assemble Vertical Beams:** Connect the two sections of each vertical support beam using the provided coupling plates. Gently tap them into place with a rubber mallet to ensure a secure fit.
3. **Construct Base Frame:** Attach the short horizontal support beams to the bottom of two vertical beams to form one side of the shelf. Repeat for the other side. Ensure the slots align for the interlocking mechanism.
4. **Connect Side Frames:** Stand the two side frames upright. Connect them using the long horizontal support beams at the bottom and top. This forms the basic rectangular structure.
5. **Install Shelf Supports:** Insert the remaining horizontal support beams at your desired shelf heights. The vertical beams have slots every 4 cm, allowing for flexible shelf positioning. Ensure all beams are securely interlocked.
6. **Place MDF Panels:** Carefully place the MDF panels onto the installed horizontal support beams. Ensure they sit flush and are centered.
7. **Attach Rubber Feet:** Place the rubber feet onto the bottom ends of the vertical support beams to protect your floor and provide additional grip.
8. **Wall Mounting (Recommended):** For maximum stability and safety, especially with heavy loads or in active environments, secure the shelf unit to a wall using appropriate screws and anchors (not always included). Use the pre-drilled holes in the vertical beams.



Figure 4: Interlocking mechanism detail



Figure 5: Boltless connection detail

Assembly Configurations

The modular design allows for flexible configurations:

- **Tall Unit:** Assemble as a single tall unit (180cm height) with 5 shelves.
- **Workbench:** The unit can be split into two smaller, lower units, effectively creating a workbench or two separate storage units.



Figure 6: Workbench configuration example

5. Operating Instructions

Once assembled and secured, your MASKO storage shelves are ready for use.

- **Shelf Adjustment:** To adjust shelf height, carefully unload the shelf, then gently tap the horizontal beams upwards to disengage them from the vertical slots. Re-position them at the desired height and tap them back into place.
- **Loading Items:** Place heavier items on lower shelves for better stability. Distribute weight evenly across each shelf to prevent warping of the MDF panels. Do not overload any single shelf or the entire unit

beyond its stated capacity.

- **Access:** Ensure clear access to all shelves. Avoid placing items that obstruct the view or access to other stored goods.

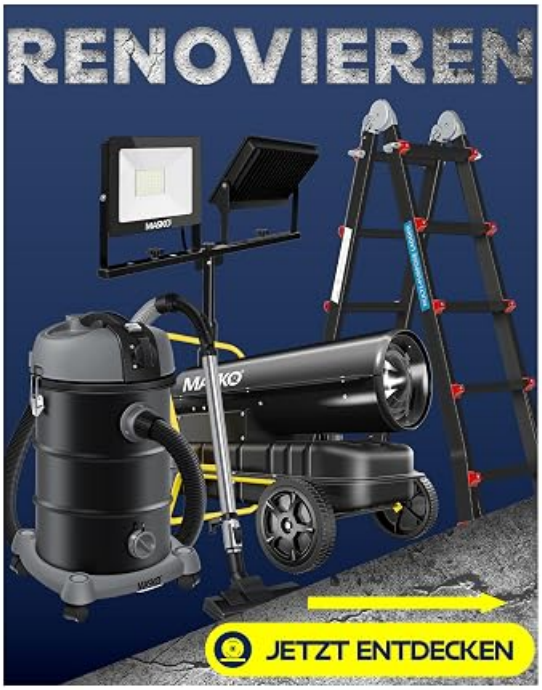


Figure 7: Adjustable shelf height

6. Maintenance

Regular maintenance will ensure the longevity and safe operation of your storage shelves.

- **Cleaning:** Wipe down metal surfaces with a damp cloth and mild detergent. Dry thoroughly. For MDF panels, use a dry or slightly damp cloth; avoid excessive moisture.
- **Check Stability:** Periodically check all interlocking connections to ensure they remain secure. Re-tap with a rubber mallet if any connections feel loose. Verify that wall anchors are still firm.
- **Inspect for Damage:** Regularly inspect the metal frame for any signs of rust, bending, or damage. Check MDF panels for warping or deterioration. Replace damaged components immediately.

7. Troubleshooting

Here are solutions to common issues you might encounter:

- **Shelf feels wobbly:** Ensure all interlocking connections are fully engaged. Use a rubber mallet to firmly tap all beams into place. Verify the unit is on a level surface and securely wall-mounted.
- **MDF panel is warping:** This usually indicates uneven weight distribution or overloading. Redistribute items, placing heavier objects closer to the support beams. Ensure no single point bears excessive weight.
- **Difficulty assembling:** Ensure you are aligning the slots correctly. A rubber mallet is essential for securing the boltless connections. Do not force parts; if they don't fit, re-check alignment.
- **Missing parts:** Double-check all packaging materials. If parts are genuinely missing, contact Masko customer support with your purchase details.

8. Specifications

Feature	Specification
Brand	Masko
Model	2x 180x90x40cm 5-Shelf
Color	Black
Product Dimensions (per unit)	40 cm (Depth) x 90 cm (Width) x 180 cm (Height)
Maximum Load Capacity (per shelf)	175 kg
Maximum Load Capacity (total per unit)	875 kg
Material	Galvanized Metal, MDF Panels
Number of Shelves (per unit)	5
Mounting Type	Floor Standing (Wall mounting recommended)
Special Features	Boltless interlocking system, Floor-friendly rubber feet, Crossbars for stability, Adjustable shelf height



Figure 8: Product dimensions and load capacity

9. Warranty and Support

MASKO products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.