

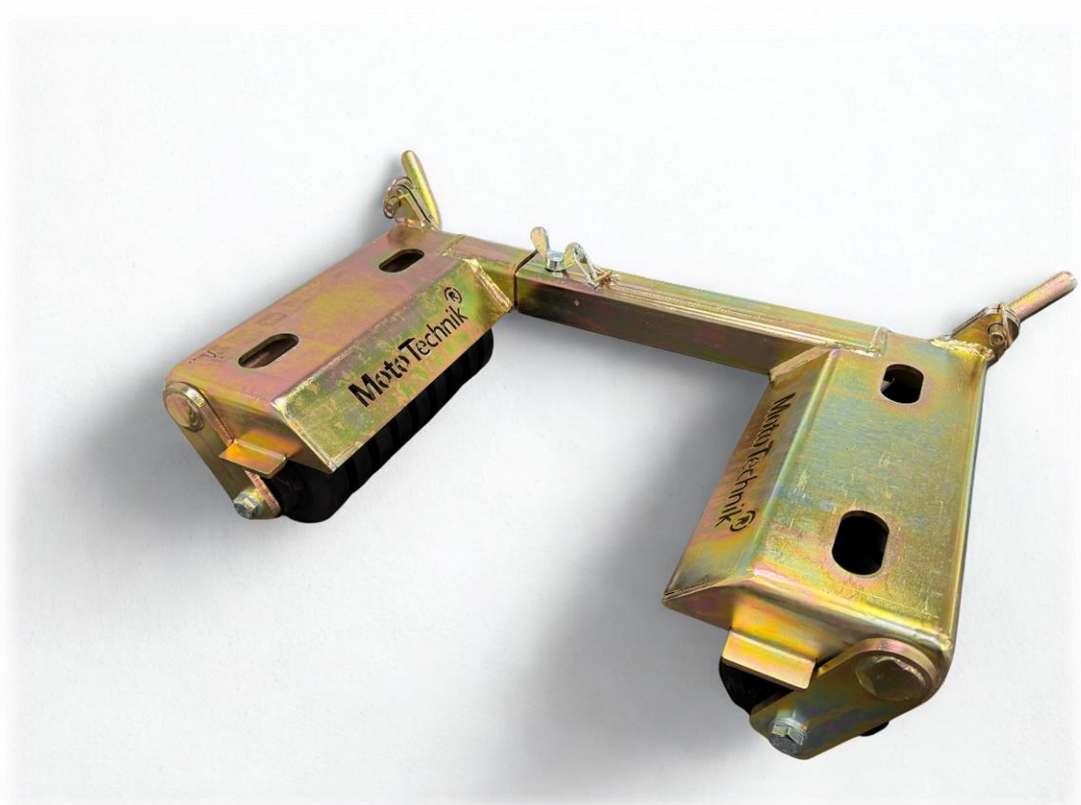


Operation Manual

Mechanical Mobile Trolley 800 kg

LoadMaster 800

MT-WS800



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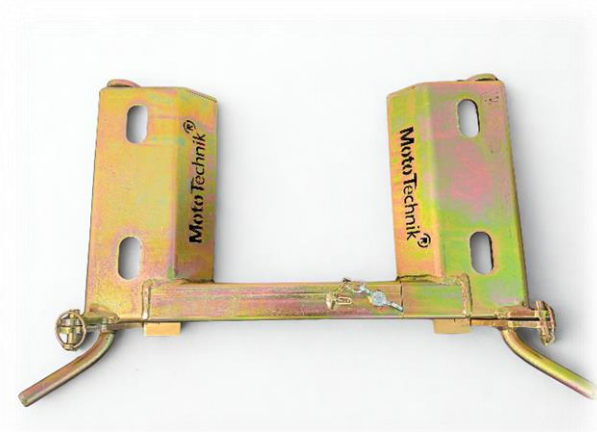
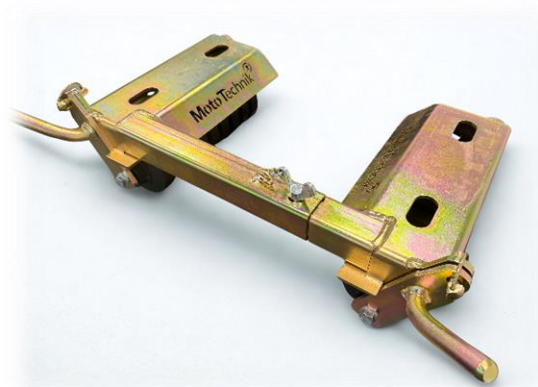
➤ Content

- Introduction
- Equipment Overview
- Before Use
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- Safety Precautions
- Maintenance
- Troubleshooting

➤ Product Name:

Mechanical Mobile Trolley : **MT-WS800**

➤ Product Pictures:



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1. Introduction

This operation manual is designed to provide users with detailed instructions on the proper use, maintenance, and safety precautions of the Mechanical Mobile Trolley with locked wheels and raised. By following these guidelines, you can ensure the efficient and safe operation of the equipment.

2. Equipment Overview

The Mechanical Mobile Trolley is equipped with two sets wheels, which can be locked to prevent movement.

Application Scenarios:

1. Transportation of damaged vehicles;
2. Temporary support during maintenance;
3. Moving heavy machinery.

3. Before Use

- **Inspection:** Thoroughly inspect the Mechanical Mobile Trolley before each use. Check for any visible damage to the frame, wheels, lifting mechanism, or other components. Ensure that all parts are in good working condition.
- **Cleaning:** Keep the Mechanical Mobile Trolley clean and free from debris, dirt, and any substances that could affect its performance or safety.

4. Operation Steps

4.1 Moving the Mechanical Mobile Trolley

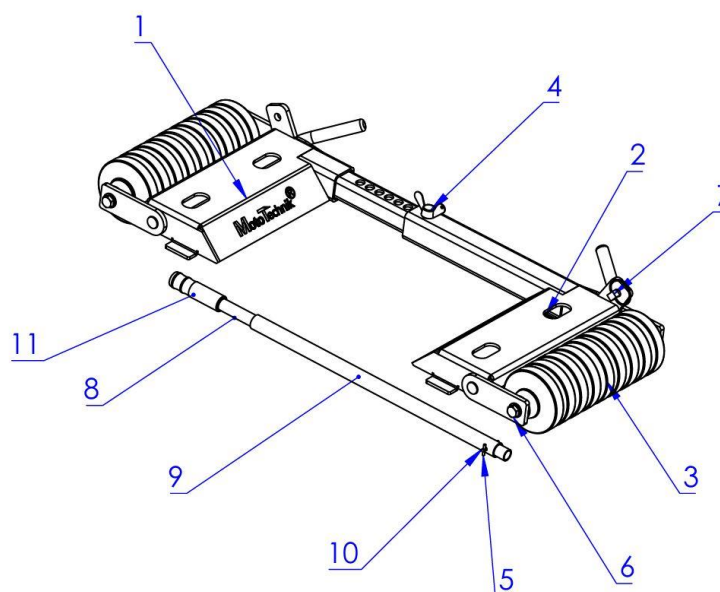
- **Fixed the Wheels:** Cannot turn direction at will, fixed wheels are safe, stable and easy to control.
- **Pushing and Pulling:** Grasp the handle of the Mechanical Mobile Trolley crowbar and apply a steady force to move it in the desired direction. Avoid sudden or jerky movements.



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4.2 Locking the Wheels

- When you have positioned the Mechanical Mobile Trolley at the desired location, please insert the pin into the hole of the telescopic beam to secure the connection. Make sure all locking devices are properly connected and stable to prevent the mechanical dolly from moving unexpectedly.



Components

Part Number	Designation	Part Number	Designation
1	Right swing arm welded parts	7	Ring O-Pin
2	Left swing arm welded parts	8	Crowbar DN20
3	Roller	9	Crowbar DN25
4	Pin with hole	10	Pin with hole
5	R-type pin	11	Rubber sleeve for crowbar
6	Hexagon head bolts		

Working principle: Using the lever principle, the pry handle of the car mover is pried by the pry bar to support the wheel. The models shown in the figure are for reference only. The actual product configuration prevails.



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4.3 Mechanical Mobile Trolley Support Steps

Steps to support:

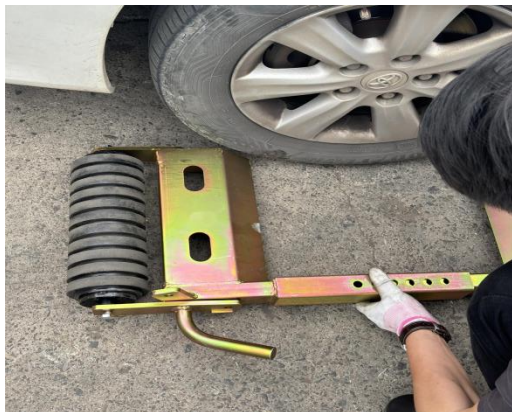
1. Lift and support the lock pin



2. Like the two sides are spread out and flattened



3. Push horizontally under the wheel



4. Insert the crowbar into the curved handle to fix it



5. Pry up both sides with the crowbar



Inside lever

The operation sequence is as follows: first pry up the outer lever, and then pry up the inner lever.

Outside lever



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Removal steps:

Remove inside lever. The same goes for the left
The operation sequence is as follows: remove the inner lever first, and then remove the outer lever.



5. Safety Precautions

- **Load Capacity:** Do not exceed the maximum load capacity specified for the Mechanical Mobile Trolley (800kg). Overloading can cause instability and may lead to accidents.
- **Balance:** Adjust the Mechanical Mobile Trolley to the tire size, make sure the pins are in the holes of the telescopic beam and are connected to prevent the trolley from sliding unexpectedly.
- **Use on Level Surfaces:** Use the Mechanical Mobile Trolley on flat and level surfaces. Do not use it on slopes, uneven ground, or areas with obstacles.
- **Keep Hands and Feet Away:** Keep hands, feet and other body parts away from wheels and moving parts when operating the crowbar or removing the Mechanical Mobile Trolley.
- **Proper Handling:** Do not use the Mechanical Mobile Trolley in a rough or abusive manner. Avoid dropping, hitting, or otherwise damaging the equipment.

6. Maintenance

- **Regular Cleaning:** Clean the Mechanical Mobile Trolley regularly as described in the "Before Use" section. This helps prevent the accumulation of dirt and debris that could affect its performance.



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- **Use:** Check the moving parts of the lifting mechanism and wheels regularly, which ensures smooth operation and long life of the device.
- **Tightening of Screws and Bolts:** Periodically check all the screws, bolts, and other fasteners on the Mechanical Mobile Trolley and tighten them if necessary. Loose fasteners can cause instability and may lead to accidents.
- **Component Replacement:** If any component of the Mechanical Mobile Trolley is damaged or worn out, replace it immediately with a suitable replacement part. Do not attempt to use the Mechanical Mobile Trolley with faulty components.

7. Troubleshooting

If you encounter any problems with the Mechanical Mobile Trolley during operation, refer to the following troubleshooting guide:

- **Wheels Do Not Move Freely:** Check for any obstructions in the wheels or the wheel locking mechanisms. Remove any debris and ensure that the locks are fully released.
- **Mechanical Mobile Trolley Does Not Work:** If it is not lifting enough, check to make sure the parts are working properly. If it is not carrying enough weight, check the small load model for proper function. If the problem persists, contact the manufacturer or a qualified technician for assistance.
- **Mechanical Mobile Trolley is Unstable:** Check the load distribution of the model. Confirm that the parts are intact and can be used normally. Also, check the condition of the wheels and frame for any damage.

If you have any further questions or need more information about the operation or maintenance of the Mechanical Mobile Trolley, please contact the manufacturer or the authorized service provider.



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