

GIMA 45835

GIMA Service Trolley 45835 Instruction Manual

Brand: GIMA | Model: 45835

1. INTRODUCTION

This manual provides essential instructions for the safe and effective assembly, operation, and maintenance of the GIMA Service Trolley, Model 45835. This height-adjustable instrument trolley is designed for use in medical environments, such as operating rooms, featuring a removable AISI 304 stainless steel shelf with a Scotch Brite finish and a 360° swivel tray. Please read this manual thoroughly before using the product.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the equipment.

- Ensure all components are securely fastened before use.
- Do not exceed the maximum load capacity of 20 kg.
- Engage wheel brakes when the trolley needs to remain stationary.
- Operate the height adjustment pedal carefully to avoid sudden movements.
- Keep hands and fingers clear of moving parts during height adjustment.
- Regularly inspect the trolley for any signs of wear or damage. Do not use if damaged.
- Clean the trolley regularly with appropriate disinfectants suitable for stainless steel in medical environments.

3. PACKAGE CONTENTS

The GIMA Service Trolley Model 45835 is delivered disassembled. Please verify that all components are present and undamaged upon receipt.

- Main tubular support column with hydraulic pump and pedal
- Base with three Ø 75 mm wheels (one antistatic, two with brakes)
- Removable AISI 304 stainless steel shelf (Scotch Brite finish)
- Swivel mechanism for the tray with fixing knob
- Assembly hardware (screws, washers, tools if provided)
- Instruction Manual (this document)

4. SETUP AND ASSEMBLY

Follow these steps to assemble your GIMA Service Trolley. It is recommended to have two people for assembly.

1. **Attach the Base to the Column:** Carefully connect the base unit, which includes the wheels and the hydraulic pump, to the main tubular support column. Ensure the connection points are aligned and secure them using the provided hardware (screws, bolts). Tighten all fasteners firmly.
2. **Install the Swivel Tray Mechanism:** Attach the swivel mechanism to the top of the main support column. This mechanism will hold the stainless steel tray. Ensure it is oriented correctly and secured tightly.
3. **Place the Stainless Steel Tray:** Position the removable AISI 304 stainless steel shelf onto the swivel mechanism. The tray should fit snugly and be able to rotate freely when the fixing knob is loosened.
4. **Check Wheel Functionality:** Verify that all three wheels rotate freely. Test the brakes on the two braked wheels to ensure they engage and disengage properly.
5. **Test Height Adjustment:** Gently press the foot pedal to test the hydraulic height adjustment. Ensure the column moves smoothly up and down within its specified range (90 - 126 cm).



Figure 1: Assembled GIMA Service Trolley showing the top tray and support column.



Figure 2: View of the trolley's base, highlighting the wheels and the foot pedal for height adjustment.

5. OPERATING INSTRUCTIONS

This section details how to use the key features of your service trolley.

5.1. Height Adjustment

- To **raise** the trolley: Ensure no heavy objects are on the tray. Repeatedly press the foot pedal located at the base of the column. The hydraulic pump will lift the tray to the desired height.
- To **lower** the trolley: Gently press and hold the foot pedal. The trolley will slowly descend. Release the pedal when the desired height is reached.
- The height can be adjusted between 90 cm and 126 cm.

5.2. Swivel Tray Operation

- The stainless steel tray can rotate 360 degrees.
- To **rotate** the tray: Loosen the fixing knob located beneath the tray. Adjust the tray to the desired orientation.

- To **secure** the tray: Tighten the fixing knob firmly to prevent unwanted rotation during use.
- The tray is removable for cleaning or specific procedural needs.

5.3. Wheel Brakes

- Two of the three Ø 75 mm wheels are equipped with brakes.
- To **engage** the brakes: Press down on the lever located on the top of the braked wheels until it clicks into place.
- To **disengage** the brakes: Lift the lever on the braked wheels until they move freely.
- Always engage the brakes when the trolley is stationary to prevent accidental movement.



Figure 3: Close-up of the trolley's base, showing the wheel with an engaged brake and the height adjustment pedal.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your GIMA Service Trolley.

- **Cleaning:** Clean all stainless steel surfaces regularly using mild detergents or medical-grade disinfectants.

Avoid abrasive cleaners or scouring pads that can damage the Scotch Brite finish. The removable tray can be sterilized separately.

- **Inspection:** Periodically check all fasteners (screws, bolts) for tightness. Inspect the wheels for smooth rotation and ensure the brakes engage effectively. Check the hydraulic pump for any signs of leakage or reduced performance.
- **Lubrication:** Moving parts, such as wheel axles and the hydraulic column, may benefit from occasional lubrication with a suitable medical-grade lubricant, if recommended by the manufacturer.

7. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Trolley does not move smoothly.	Wheel brakes engaged; debris in wheels; damaged wheels.	Disengage brakes. Clean wheels. Replace damaged wheels if necessary.
Height adjustment is difficult or unresponsive.	Hydraulic fluid low; mechanism obstruction; pedal malfunction.	Inspect for obstructions. Contact qualified service personnel for hydraulic system inspection.
Tray rotates unintentionally.	Fixing knob is loose.	Tighten the fixing knob firmly.
Trolley is unstable.	Uneven load; loose fasteners; damaged base/wheels.	Distribute load evenly. Check and tighten all assembly fasteners. Inspect base and wheels for damage.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact the manufacturer or your supplier for assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	45835
Manufacturer	NUOVA METAL SRL Società unipersonal
Material	AISI 304 Stainless Steel (Scotch Brite finish)
Height Adjustment Range	90 - 126 cm
Load Capacity	20 kg
Wheels	3 x Ø 75 mm (1 antistatic, 2 with brakes)
Tray Rotation	360° with fixing knob
Package Dimensions	80 x 60 x 15 cm
Package Weight	12 kg
Country of Origin	Italy

9. WARRANTY INFORMATION

Specific warranty terms and conditions for the GIMA Service Trolley Model 45835 are provided by the manufacturer, NUOVA METAL SRL Società unipersonal, or your authorized seller at the time of purchase. Please refer to your purchase documentation or contact your seller directly for detailed warranty information, including coverage period and claims procedures.

10. CUSTOMER SUPPORT

For technical assistance, spare parts, or further inquiries regarding your GIMA Service Trolley, please contact your authorized distributor or the manufacturer directly.

- **Manufacturer:** NUOVA METAL SRL Società unipersonal
- Refer to your purchase invoice or product packaging for specific contact details.