LEVO MEDTECH

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USER MANUAL

LEVO 450V

Motorized patient lifting

2026 Edition

Contents

Introduction

The Levo 450V is a motorized patient lift designed for use in hospitals, nursing homes, and home care environments. This innovative lift is engineered to facilitate a variety of lifting tasks, including transfers to and from beds, wheelchairs, toilets, showers, and floors. The Levo 450V provides safe and dignified transfers for patients, while minimizing physical strain for caregivers.

Key Features

- **Motorized Wheels:** Equipped with two selectable speeds and the ability to rotate for lateral movements, ensuring smooth, stable, and comfortable patient transfers.
- **IP55 Rating:** The lift is designed to withstand splashing water from all angles, making it ideal for use in wet areas with high hygiene standards and allowing for easy cleaning.
- **Foldable Design:** Simplifies transportation and storage, making the lift more convenient to move and store when not in use.
- **Integrated Personal Scale:** Displays the patient's weight in real time, allowing for easy weight monitoring during transfers.
- **Touch Display:** Provides control of all functions, even when wearing care gloves. Includes 4G connectivity for recording data such as lift counts and service needs via a cloud-based service.
- **Controller:** Features buttons for raising and lowering the lift arm, as well as adjusting the leg spread. The controller can magnetically attach to the mast, where additional controls for the lift arm are located, allowing caregivers to operate the lift while staying close to the patient.
- **LED Lighting:** Under-leg and jumper lighting facilitate care tasks in low-light conditions or at night.
- **Slim Design:** Incorporates lifting technology without an actuator, reducing the risk of crushing injuries and enhancing safety.
- **Adjustable Sling Bar:** Allows easy adjustment of the sling's width to accommodate multiple caregivers, eliminating the need to replace the jumper.

Safety Instructions

Before using the Levo 450V, it is essential to read and understand the user manual for both the lift and lifting accessories. Moving and lifting a person always carries inherent risks, so only trained staff should operate the equipment. Ensure that operating instructions are readily accessible to all users.

Operation

Setup:

1. Ensure the lift is fully charged and check all components for any signs of damage or wear.
2. Familiarize yourself with the functions of the controller and touch display.

Transferring a Patient:

1. Position the lift close to the patient and lock the wheels in place.
2. Attach the appropriate lifting accessories to the lift arm.
3. Use the controller to adjust the lift arm and leg spread to the desired position.

During Transfer:

1. Make sure the patient is comfortable and securely positioned in the sling.
2. Use the motorized wheels to move the lift smoothly to the desired location.
3. Use the LED lighting if operating in low-light conditions.

After Use:

1. Clean the lift according to the hygiene standards required for your setting.
2. Fold the lift for storage or transport, if necessary.
3. Record any data using the touch display and 4G connection, if needed.

Maintenance

1. Regularly inspect the lift for signs of wear or damage.
2. Follow the manufacturer's recommendations for maintenance and service intervals.
3. Keep the lift clean and dry to maintain its IP55 rating.

Troubleshooting

- For any issues, refer to the troubleshooting section in the detailed user manual.
- If problems persist, contact customer support for assistance.

Cautions

Before lifting, always ensure that:

- Lifting accessories are undamaged.
- The lifting attachment is properly fitted to the lift.
- The lifting accessory hangs vertically and can move freely without any obstruction.
- The lifting accessory is appropriately selected based on type, size, material, and workmanship in relation to the user's specific needs.
- The lifting accessory is securely and correctly applied to the user to prevent any risk of bodily injury.
- The hooking guards are intact. Missing or damaged hooking guards must always be replaced with new ones.
- The sling strap loops are correctly attached to the hooks of the lifting bracket when the sling strap is raised, but before lifting the user from the surface.

Symbol description

1. Sling Bar
2. Safety Latch
3. Safety chain
4. Adjustable sling bar sizes: 30 cm, 40 cm, and 50 cm
5. Gearbox
6. Hand Control
7. Chassis
8. Led illuminations
9. Front Castors
10. Scale
11. Lifting arm
12. Handle (use both hands to operate the hoist)
13. Mast / Main pillar
14. Antistatic Wheels
15. Leg Joint

Figure 1

Figure 2

Figure 3

Measure data

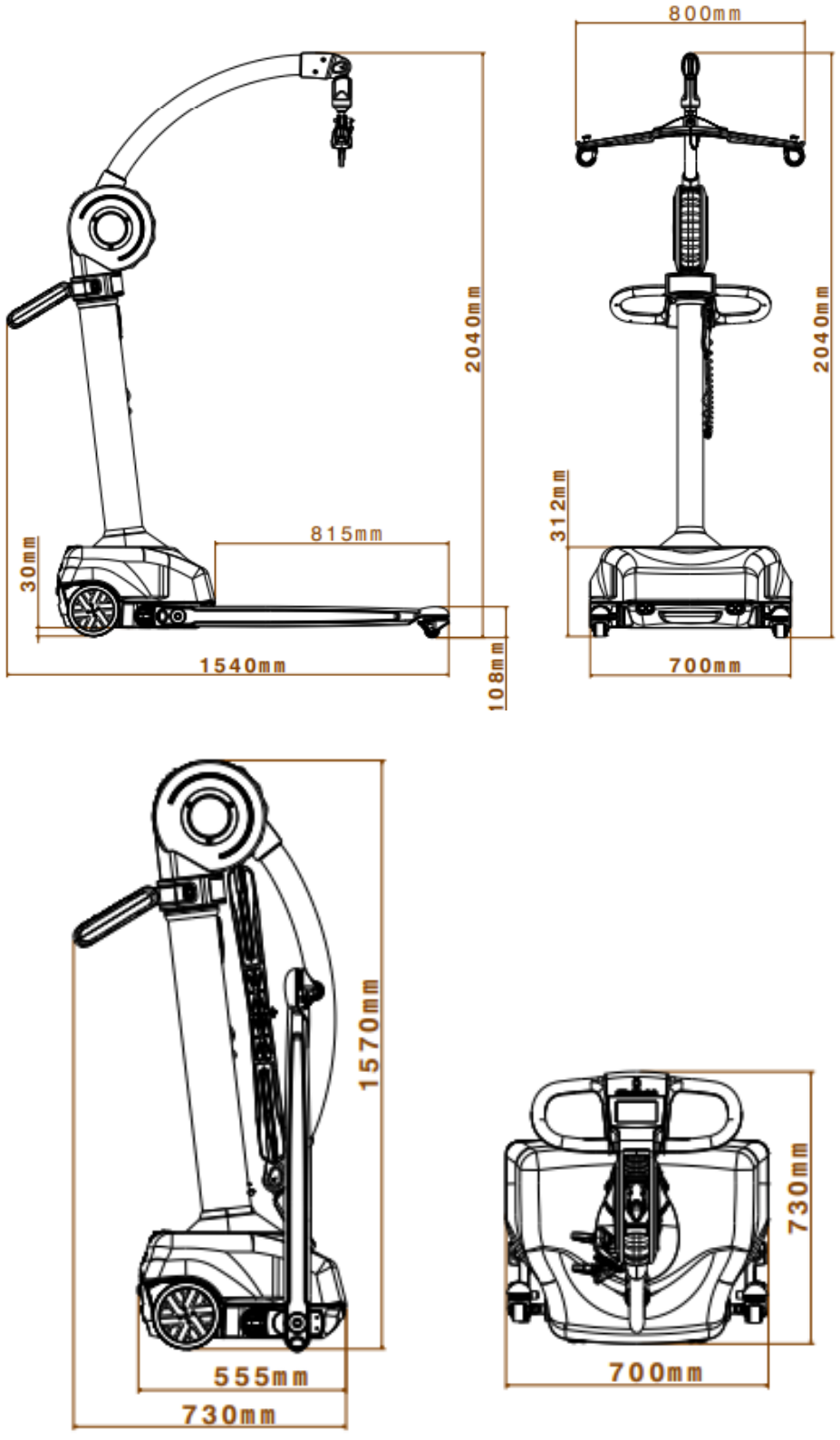


Figure 4

Quick Start

Preparations for the Lift:

- The lift will be delivered in a folded/transport state. Before use, the forks must be positioned horizontally.

Securing the Forks:

- Tighten the red-marked screws on both sides after positioning the forks horizontally.

Step 1: Fold down the legs.

NOTE! Do note load the lift in folding position!

Step 2: Tighten the screw marked in red.

Figure 5

Starting the Lift:

- Press the start button labeled "1" (see Figure 7) to activate the lift.
- To move forward, gently push the lift. The hoist is equipped with an auto-drive system, which allows it to move on its own without requiring significant force. To change direction, simply push the handle in the desired direction. The lift will then move using its own momentum.

The hoist can move in multiple directions (see Figure 6), including:

- Left
- Right
- Forward
- Backward
- Sideways
- Circular

Ensure you follow these steps carefully to operate the lift safely and efficiently.

Direction instructions:

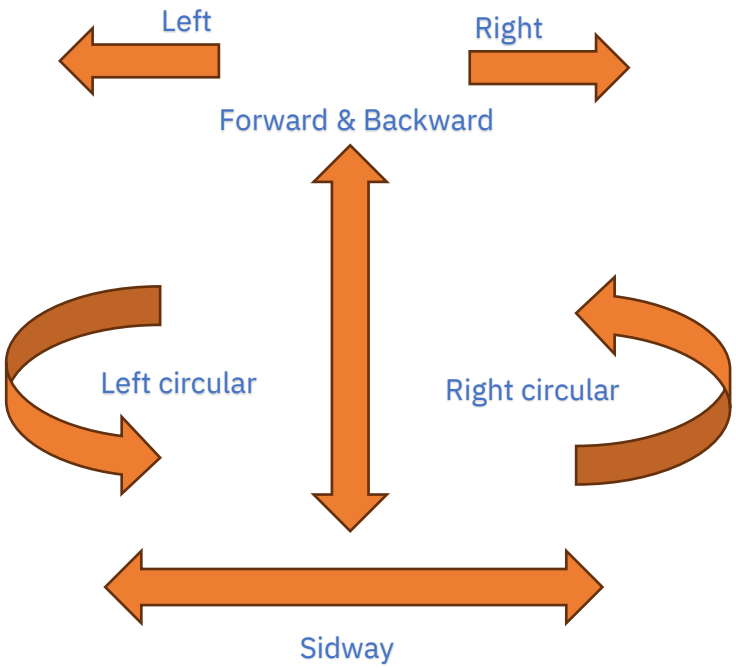


Figure 6

Button Description (Handle)

Figure 7

1. Power Button (On/Off):

Use this button to turn the lift on or off. Press the button once to power on the lift, and press it again to turn it off. Ensure that the lift is powered off when not in use to conserve battery life.

2. Speed Button (High/Low):

Adjust the speed of the lift using this button. Choose high-speed mode for swift **transport** of patients and low-speed mode for precise positioning and maneuvering, especially in confined spaces within healthcare facilities.

3. Leg Spread Inside Button:

Press this button to spread the legs of the lift, accommodating the patient's position for safe and comfortable lifting. Use this function to adjust the width of the lift's base to match the patient's needs and ensure stability during transfers. The minimum width is 70 cm.

4. Leg Spread Outside Button:

Use this button to retract the legs of the lift, allowing for easier maneuverability in tight spaces or around obstacles. Adjusting the width of the lift's base ensures optimal positioning and stability when lifting and transferring patients within hospital environments. The maximum width is 120±2 cm.

5. Wheel Turn back to original position:

Press this button to ensure the wheels are in the **forward** position. Use it to realign the wheels after they have been turned in other directions.

6. Wheel Turn Out Button:

Press this button to rotate the lift's wheels up to a 90-degree angle. This function enables the hoist to move in circular and sideways directions. Use it to navigate through tight spaces or narrow corridors with ease. Use this button to rotate the lift's wheels up to a 90-degree angle. This function enables the hoist to move in circular and sideways directions. Use it to navigate through tight spaces or narrow corridors with ease.

7. Lift Up Button:

Activate the lifting mechanism by pressing this button to raise the patient smoothly from a bed, wheelchair, or other surface to the desired height for transportation or medical procedures.

8. Lift Down Button:

Lower the lift gently by pressing this button, ensuring a safe and controlled descent of the patient to the desired level for transfer or placement onto another surface.

Button Description (Hand Control/Scales)

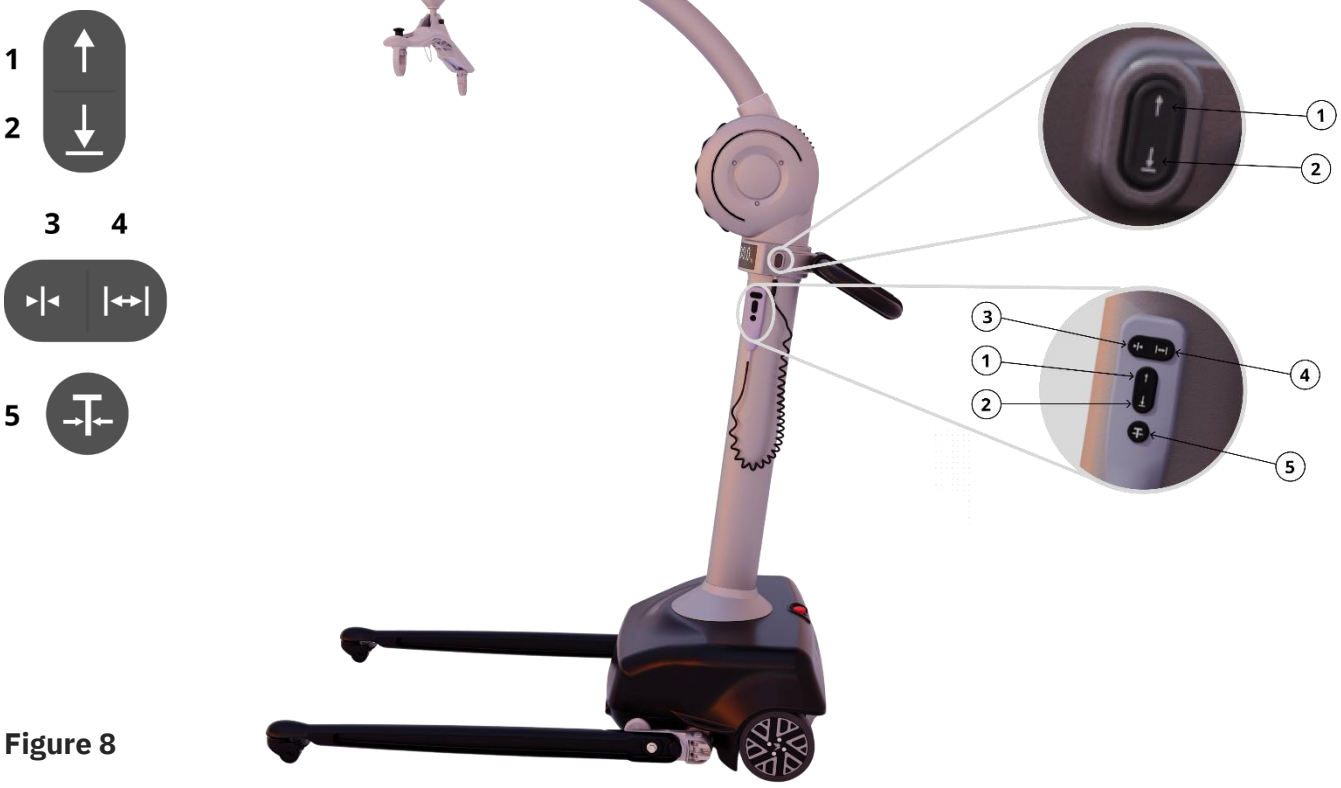


Figure 8

1. Lift Up Button:

Activate the lifting mechanism by pressing this button to raise the patient smoothly from a bed, wheelchair, or other surface to the desired height for transportation or medical procedures.

2. Lift Down Button:

Lower the lift gently by pressing this button, ensuring a safe and controlled descent of the patient to the desired level for transfer or placement onto another surface.

3. Leg Spread Inside Button:

Press this button to spread the legs of the lift, accommodating the patient's position for safe and comfortable lifting. Use this function to adjust the width of the lift’s base to match the patient’s needs and ensure stability during transfers.
Minimum base width: 70 cm.

4. Leg Spread Outside Button:

Use this button to retract the legs of the lift, allowing for easier maneuverability in tight spaces or around obstacles. Adjusting the width of the lift's base ensures optimal positioning and stability when lifting and transferring patients within hospital environments.
Maximum base width: 120 ±2 cm.

5. Tera Button:

Pressing the tare button resets the weight display to zero, even if weight is currently showing on the screen. When the patient is lifted, the scale calculates the total and automatically subtracts the weight of the sling and any other lifting accessories. This ensures that only the patient's actual weight is shown on the display.

Folding position

Preparing the Lift for Transport

1. **Unscrew the Red-Marked Screws:**
   Loosen the red-marked screws located on both sides of the hoist.
2. **Lift the Legs:**
   Carefully lift the legs of the hoist. Repeat the process on the opposite side.
3. Bring the lifting arm down to its lowest position.
4. **Fold the Lift:**
   The lift is now in its folded/transport position.
5. **Move the Lift:**
   Use the handle to steer the lift and move it to the designated storage area or transport vehicle.
6. **Use of Auto-Drive Mode (Optional):**
   The auto-drive mode can be activated even when the lift is in its folded position, making transport easier and more efficient.

Figure 9

Emergency Stop System (EMS) Usage

When the **Emergency Stop Button (EMS)** is activated (pushed down), the main power source is immediately shut off, causing the lift to stop and freeze in its current position.

To resume operation, the EMS must be **reset to normal mode** by pulling the button back up. This action restores power to the lift.

⚠ **Caution:**
Ensure that no buttons are pressed by the patient or caregiver **while resetting the emergency stop button**, as this may cause unexpected movement once power is restored.

Figure 10

Lights/Illumination

Front Illumination (LED Lighting)

The patient lift is equipped with two front-facing LED lights to enhance visibility in dark or low-light environments, such as patient rooms or hallways. These lights are easily adjustable via the **main display** located on the lift's handle.

For detailed instructions on how to adjust the front illumination, please refer to the **Display Settings** section.

Note:

- Ensure that the front lights are activated and properly adjusted to provide adequate illumination for safe navigation in dimly lit areas.
- Regularly inspect the lights and display to maintain optimal functionality.

Using the front illumination helps improve visibility during patient transfers in darker settings, promoting both safety and comfort for the patient and caregiver.

Figure 11

Build in Storage box

The **Levo 450** is equipped with a built-in storage compartment designed to hold essential items such as the **charger**, **emergency lowering tools**, and the **user manual**. This feature ensures that important accessories are always easily accessible and securely stored.

Figure 12

Waterproof Description: IP55 Rating

The **Levo 450V lift** is built with an **IP55 rating**, offering robust protection against both dust and water. Here's what that means for you:

- **Dust Protection:**
  The lift is shielded against dust ingress, maintaining consistent performance even in dusty environments. While minimal dust may enter, it will not affect functionality, ensuring long-term reliability.
- **Water Protection:**
  Protected against water jets from any direction, the Levo 450V can be safely cleaned with water and used in wet areas such as bathrooms and shower rooms, without risk of damage.
- **Hygienic Maintenance:**
  Designed for cleaning with hot water, the lift supports high hygiene standards — especially important in healthcare environments where sanitation is critical.

Additionally, the lift is **compatible with hospital washing machines at 90°C**, making maintenance simple and efficient.

Safety precautions

Intended Use

- The Levo 450V is designed for use in healthcare environments where it is operated by trained caregivers.
- This product is not intended for use by the patient alone. Always have at least one assistant when lifting and moving a patient.
- The Levo 450V is designed for lifting only one person at a time.

Environment and Conditions

- Ensure the lift is used on flat and level surfaces for optimal performance. It can handle slopes up to a certain degree. Contact us for more detailed advice if you're unsure whether your environment meets the requirements.
- Avoid using the lift on thresholds, uneven floor surfaces, or with extra thick floor mats, as these may limit its proper use.

Usage Guidelines

- Do not modify the product in any way.
- Never stand on the lift. Always walk behind it while moving.
- When a patient is in the lift, always use the low-speed setting.
- Use only the Levo 450V's designated lifting bracket.
- Only use the battery and cables intended for the Levo 450V.
- Avoid oblique lifts to prevent the risk of tipping and damaging the equipment.
- Never leave a patient unattended during a lift.
- Do not manually lift the lifting arm.
- The lift is not designed to run oversteps and thresholds.

Before Use

- Ensure the lift is assembled according to the installation instructions.
- Verify that the lifting attachment is securely connected to the lift.
- Charge the batteries for the recommended number of hours before first use.
- Read the user manual for the lift and lift accessories thoroughly.
- Ensure all personnel using the lift are properly trained in its operation.

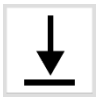
Technical Specifications

Max Load Capacity: 204 kg (450 lb)
Note: May vary depending on components used (e.g., lifting bracket, sling). Always follow specified load limits.
Total Weight: 75 kg
Lifting Range: 1700 mm
IP Rating: IP55
Emergency Lowering: Automatic safety feature included
Intermittent Operation: Yes
End-of-Life (EoL): 10 years
Service Interval: Every 6 months
Intended Use: Indoor/outdoor on solid, level ground

Power & Electrical
Power Supply: 24 VDC battery
Battery: 1x Li-ion (24V, 7S7P, 35Ah, 750W)
Charger:
• Input: 198–264 VAC / Max 6 A
• Output: 29.4 VDC
• Connector: XLR
External Charger Input: XLR

Operating Environment
Ambient Conditions:
• Temp: 5°C to 35°C (41°F to 95°F)
• Humidity: 20–90% (non-condensing)
• Pressure: 530–780 hPa
• Altitude: Up to 2000 m (operational), 5000 m (non-operational)
Transport & Storage:
• Temp: -10°C to +50°C (14°F to 122°F)
• Humidity: 20–90% @ 30°C

Hand control operation and indication

Emergency stop		**Lift – up (The hoist operating- Emergency is OFF)**
Emergency		**Press – down (The hoist STOP- Emergency is ON)**

Lift Positioning

Proper positioning of the lift is crucial for both user safety and optimal equipment performance. Before each lift, carefully check the following:

- **Lifting Loops Alignment:** Ensure the lifting loops on each side of the sling are aligned correctly.
- **Secure Fastening:** Double-check that all lifting loops are securely fastened to the hooks of the lifting bracket to prevent any risk of slippage.
- **Horizontal Positioning:** Ensure the lifting bracket is positioned horizontally under the patient's body. If the bracket is not horizontal or if the lifting loops are incorrectly connected, gently lower the lift to a stable surface and make the necessary adjustments as outlined in the lifting guide.

Locking the Wheels

Locking the wheels of the Levo 450V lift is an essential safety measure that can be activated and released using your foot. Follow these guidelines for proper wheel locking:

- **Activation:** Engage the wheel locks by pressing down on the locking mechanism with your foot.
- **Unlocking During Lifting:** Ensure the wheels are unlocked when lifting a patient to allow the lift to be maneuvered smoothly and positioned at the patient's center of gravity. This ensures safe and precise placement of the lifting bracket.
- **Locking During Risk of Movement:** Lock the wheels if there is a risk of the lift rolling into the patient, especially when lifting from the floor. However, be cautious — locked wheels during lifting may increase the risk of tipping.

Figure 13

Positioning During Lifting

To and From Bed

- **Unbraked Movement:** The lift should remain unbraked and able to move freely under the bed during lifting. This allows for precise positioning of the lifting bracket directly above the patient, enabling a straight and stable upward lift.
- **Avoid Oblique Lifts:** To reduce the risk of tipping, always avoid oblique (angled) lifts. Maintaining vertical lifting movement ensures greater stability and safety during transfers.

Figure 14

To and From Toilet/Chair

When lifting to and from a wheelchair, toilet, shower chair, or hygiene chair, it's essential to follow these guidelines for safe and effective handling:

- **Unbraked Movement:** Keep the lift unbraked during the lifting process. This allows for smooth maneuverability and accurate positioning of the sling bar or lifting bracket directly above the patient.
- **Straight Upward Lift:** Always position the sling bar or lifting bracket directly above the patient to ensure a straight vertical lift. This minimizes the risk of instability and ensures a safe, controlled transfer.
- **Avoid Oblique Lifts:** Never lift at an angle. Oblique lifts can increase the risk of tipping. Keeping the movement strictly vertical ensures greater safety for both the patient and caregiver.

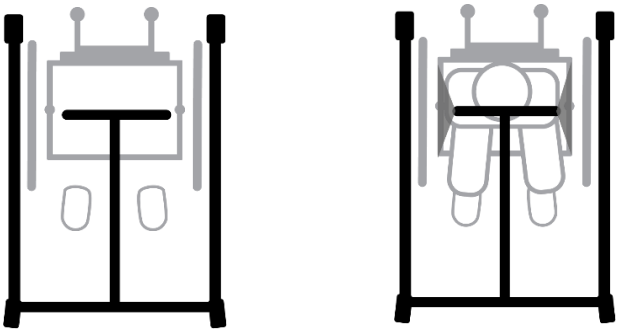


Figure 15

Lifting From the Floor

Lifting a patient from the floor requires extra care. Follow these steps to ensure safety and comfort:

- **Positioning the Lift:** Place the lift so that the lifting arm is directly above the patient's upper body. This helps ensure an even, stable lift and prevents the patient from swinging or tipping.
- **Use Slow, Controlled Movements:** Always use the **low-speed setting** when lifting from the floor. This provides better control and comfort for the patient during the lift.
- **Wheel Brakes:** Before beginning the lift, **lock the wheels** of the lift to keep it stable. This is especially important when lifting from the floor to prevent the lift from moving unintentionally.
- **Sling Placement:** Ensure the sling is properly positioned under the patient before lifting. Use a floor-compatible sling if available, as these are designed for lifting patients from low positions.
- **Caregiver Support:** Always have at least one trained caregiver assisting with the lift to guide the process and provide support to the patient if needed.

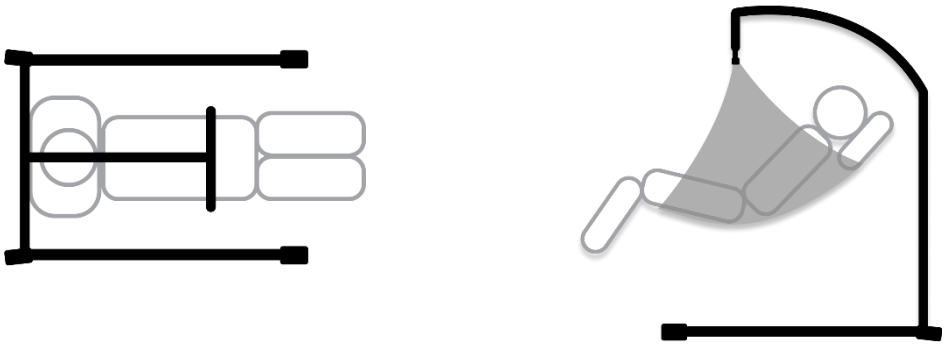


Figure 16

Charging batteries

Initial Charging

Before using the Levo 450V for the first time, make sure to charge the batteries up to 100%. (see figure 17)

Charging Process

1. Ensure Safety: Make sure the lift is turned off before connecting it to the charger.
2. Connect the Charger: Insert the XLR plug from the charger into the XLR input socket on the lift. (see figure 17)
3. Plug into Power Source: Connect the charger to a power outlet (220-240 VAC input).
4. Charging Indicator: The charger will have an indicator light that shows the charging status. Refer to the charger manual for the specific indicator light meanings.
5. Full Charge: Allow the batteries to charge fully. This might take several hours. The indicator light will show when the batteries are fully charged.
6. Unplug Safely: Once fully charged, unplug the charger from the power outlet and then disconnect the XLR plug from the lift.

Battery Maintenance

- Regular Charging: To ensure optimal performance, charge the batteries regularly, especially if the lift is used frequently.
- Avoid Deep Discharge: Do not let the batteries discharge completely. Charge them when they reach around 20% capacity.
- Storage: If the lift will not be used for an extended period, charge the batteries to about 50% before storing it.

Battery Specifications

- Type: 2 x 24Vdc (Li-ion, 24V, 7S7P 35Ah, 700W)
- Charger Model: Mascot Model 3540P LI, with a 6 A max output and XLR output plug.

By following these steps, you can ensure the longevity and optimal performance of your Levo 450V batteries. Regular and proper charging is essential for the safe and efficient operation of the lift.

Charging the Lift

To charge the lift, use the Levomedtech special charger:

1. **Connect the Charger:**

   Plug the cable into the charging port of the lift.

2. **Connect to Power Source:**

   Plug the power source cable into the facility's power outlet.

Ensure proper connection to both the charging port and the power source to effectively charge the lift.

Figure 17

Maximum Lifting Load

The maximum allowed lifting load is 204 kg / 450 lb, which includes the weight of the patient and any equipment such as the sling and sling bar.

Always ensure that all components are compatible and check their individual load limits to determine the overall maximum load for the lifting unit.

Note:

- The hoist is equipped with a safety warning system that prevents lifting more than the recommended maximum load. If the user attempts to exceed this limit, a warning alarm will sound, and an overload warning sign will appear on the screen.
- To resume using the hoist, the user must either reduce the weight being lifted or use the Levomedtech 1000 model, which can lift up to 1000 lb / 450 kg.

Recommended accessories: Slings

Slings are essential for using the lift to safely lift and support patients. There are various types and sizes of slings available.

Levomedtech's slings are specially designed to be versatile. They are four-in-one slings, meaning a single sling can serve multiple purposes. This feature simplifies tasks for caregivers and enhances comfort for patients.

With Levomedtech's slings, there is no need to switch between slings for different uses such as transport, bathroom routines, or rehabilitation. One Levomedtech sling can effectively handle all these tasks, making caregiving more efficient and convenient.

Figure 18

Troubleshooting

The Lift Does Not Work:

1. Check Emergency Stop: Ensure the emergency stop button is not activated (pressed).
2. Battery Capacity: Verify the battery capacity on the display.
3. Charging Cable: Make sure the charging cable is not connected to an electrical outlet.
4. Persistent Issues: If the problem persists, contact Levomedtech.

The Battery Does Not Charge:

1. Connection: Ensure the charging cable is properly connected.
2. Power Outlet: Try connecting to a different power outlet.
3. Persistent Issues: If the problem persists, contact Levomedtech.

The Lift Arm is Stuck:

1. Check Emergency Stop: Ensure the emergency stop button is not activated (pressed).
2. Battery Capacity: Verify the battery capacity on the display.
3. Manual Operation: Try raising or lowering the lift arm using the main control panel.
4. Emergency Lowering: If necessary, use the mechanical emergency lowering device to lower the lift arm, then contact Levomedtech.

Unusual Heat or Noise:

- If the lift becomes unusually hot or you hear any unusual noises, stop using the lift immediately and contact Levomedtech.

By following these troubleshooting steps, you can quickly address common issues with the Levo 450V lift. For any persistent or serious problems, always reach out to Levomedtech for professional assistance.

Recycling and Disposal

When the Levo 450V lift reaches the end of its life cycle, please return it to Levomedtech for proper recycling and disposal. This ensures that the lift is handled in an environmentally responsible manner.

Why Return to Levomedtech?

1. Environmental Responsibility: Levomedtech is committed to reducing environmental impact through proper recycling practices.
2. Safe Disposal: The lift contains electronic components and batteries that require special handling to prevent environmental contamination.
3. Component Reuse: Returning the lift allows for the possibility of reusing or repurposing parts, contributing to resource conservation.

How to Return

1. Contact Levomedtech: Reach out to Levomedtech to arrange the return of your lift.
2. Follow Instructions: Levomedtech will provide detailed instructions on how to prepare the lift for shipment or drop-off.
3. Shipping or Drop-off: Follow the provided instructions for safe packaging and shipping or drop off the lift at the designated location.

Thank you for helping us protect the environment by recycling your Levo 450Vlift responsibly. For any questions or further assistance, please contact Levomedtech customer service.

Cleaning and disinfection

Safety Recommendations for Cleaning and Disinfecting Levomedtech Lifts

- These instructions supplement your facility's cleaning and disinfection procedures.
- Always wear protective equipment as recommended by the manufacturer and per installation protocol, including rubber gloves, goggles, an apron, a face mask, and shoe covers.
- Disconnect the mains plug (power cord) before starting the cleaning and disinfection process.
- Refer to the manufacturer’s recommendations for suitable cleaning and disinfection products.

Equipment Needed

- Protective equipment (rubber gloves, goggles, apron, face mask, and shoe covers)
- Clean buckets
- Cloths for washing and drying
- Soft brush
- Hot water
- Approved neutral detergent

Cleaning and Disinfecting Steps

1. **Preparation**:
    - Ensure the lift is turned off and unplugged from the mains power supply.
    - Gather all necessary cleaning supplies and protective equipment.
2. **Initial Cleaning**:
    - Using a cloth moistened with warm water and an approved neutral detergent, clean the lift’s surfaces.
    - Use a soft brush to remove stains and persistent dirt.
3. **Rinsing**:
    - Wipe the lift with a cloth moistened with clean water. Start from the top and work your way down.
    - Ensure the cloth is damp but not dripping to avoid excess moisture.

4. **Areas of Focus**:
    - Pay special attention to the following areas:
        - Lift the jumper
        - Run handle
        - Hand controls
        - Emergency stop
        - Touch display
        - Wheels
5. **Adjustments**:
    - To clean all areas thoroughly, move the lift to its highest and lowest positions.
    - Adjust the legs fully in and out to access and clean all components.
6. **Drying**:
    - After cleaning, dry the lift with a clean, dry cloth to prevent moisture buildup.

Notes on Cleaning Products

- Approved Detergents: Only use cleaning and disinfectant products that are compatible with Levomedtech products.
- Avoid Incompatible Products: Do not use harsh chemicals or abrasive cleaners that could damage the lift's surfaces or components.

By following these steps, you can ensure the Levo 450Vlift is properly cleaned and disinfected, maintaining a safe and hygienic environment for both patients and caregivers.

Supervision and maintenance

Daily Checks

To ensure trouble-free use, perform the following checks every day the lift is used:

- Visual Inspection: Check the lift for any external damage to the chassis.
- Slingbar/lifting bracket: Ensure the hooking cover on the Slingbar/lifting bracket is functional.
- Lift Arm: Check the lift arm's ability to raise and lower smoothly.
- Leg Width Adjustment: Verify that the legs open and close properly.
- Drive Motor: Confirm that the drive motor operates unhindered in all directions.
- Emergency Lowering: Test the emergency lowering function both electrically and mechanically.
- Battery Charging: Charge the batteries daily and ensure the charger is working.
- Cleaning: If necessary, clean the lift with a damp cloth and ensure the wheels are free of dirt.

Periodic Service

⚠ **Service and Maintenance**:

- Annual Inspection: Have a periodic inspection of the lift conducted at least once a year.
- Certified Personnel: Only personnel certified by Levomedtech should perform periodic inspections, repairs, and maintenance using original spare parts.
- Service Agreements: Levomedtech offers service agreements for maintenance and regular inspections of your lift.

Transport and Storage

- Emergency Stop: Activate the emergency stop during transport or if the lift will not be used for an extended period.
- Environmental Conditions: Ensure the storage environment maintains a temperature between -10°C and +50°C (14°F - 122°F) and a relative humidity of 20% to 90% at 30°C. Air pressure should be between 800 HPa to 1060 HPa, and condensation should be prevented.

Design and Quality

The production and development of the lift are certified by Levomedtech in accordance with ISO 60601 and ISO 13485, the international standards for medical electrical equipment and quality management systems for medical devices.

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LEVO MEDTECH
POWERED BY SWEDISH TECHNOLOGY

Advanced Patient Lifting Device for Safer Medical Mobility

What Is Patient Lifting Technology & Why It Matters?

Patient lifting technology, like the LEVO450V, enhances safety and comfort by reducing injury risks for both patients and caregivers, offering smooth, reliable, and ergonomic support in hospitals, rehab centers, and home care.

Rev No. 2026-01
Product: Levomedtech Patient Lift
Model: Levo 450 V