

Vestil L-270-DP-HD

Vestil L-270-DP-HD Steel Dual Power Tote Lifter Charger User Manual

Model: L-270-DP-HD

Brand: Vestil

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of the Vestil L-270-DP-HD Steel Dual Power Tote Lifter Charger. Please read this manual thoroughly before operating the equipment to ensure proper usage and to prevent injury or damage.

The Vestil L-270-DP-HD is designed to lift open-bottom skids, boxes, and baskets. It features DC power for lifting and lowering, an on-board battery charger, and automatic side stabilizers for enhanced safety when loads are raised.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always operate the lifter on a flat, level, and stable surface.
- Do not exceed the maximum rated capacity of 2200 Lb.
- Ensure the load is centered and stable on the forks before lifting or moving.
- Keep hands and feet clear of moving parts, especially during lifting and lowering operations.
- Do not use the lifter to transport personnel.
- Inspect the unit for damage or wear before each use. Do not operate if damaged.
- Wear appropriate personal protective equipment (PPE) such as safety shoes and gloves.
- Disconnect power before performing any maintenance or repairs.
- Ensure the battery charger is used in a well-ventilated area and away from flammable materials.
- The automatic stabilizers engage when the forks reach a specific height. Do not attempt to move the unit when stabilizers are engaged.

3. SETUP AND INITIAL CHARGING

3.1 Unpacking and Inspection

1. Carefully remove the lifter from its packaging.
2. Inspect the unit for any visible damage that may have occurred during shipping. Report any damage to the carrier and supplier immediately.
3. Ensure all components are present as per the packing list (if provided).

3.2 Initial Battery Charging

The Vestil L-270-DP-HD includes an on-board battery charger. For optimal performance and battery life, fully charge the battery before first use.

- Locate the charging port on the unit.
- Connect the charger to a standard electrical outlet.
- Allow the battery to charge until the indicator light (if present) shows a full charge. This may take several hours.
- Do not interrupt the charging cycle unnecessarily.



Figure 1: Vestil L-270-DP-HD Tote Lifter in its lowered, transport-ready position. This view highlights the forks and the main body of the unit.

4. OPERATING INSTRUCTIONS

4.1 Moving the Lifter

The lifter is equipped with front rollers and two rear swivel casters for easy portability. Ensure the forks are in the lowest position before attempting to move the unit.

- Grasp the handle firmly.
- Push or pull the unit to the desired location.
- Avoid sudden movements or excessive speed, especially when navigating turns or uneven surfaces.

4.2 Loading and Lifting

1. Position the lifter squarely in front of the open-bottom skid, box, or basket.
2. Carefully insert the forks completely under the load. Ensure the load is centered and stable on the forks.
3. To raise the load, locate the rocker switch on the control panel. Press the "UP" side of the rocker switch. The forks will begin to ascend.
4. Observe the load as it rises. The automatic side stabilizers will engage when the forks reach a specific height, preventing further movement of the unit. Do not attempt to move the lifter once stabilizers are engaged.
5. Raise the load only to the necessary height for transfer or placement.



Figure 2: An operator demonstrating the use of the Vestil L-270-DP-HD Tote Lifter with a red pallet. This image illustrates proper

4.3 Lowering and Unloading

1. Ensure the area below the load is clear before lowering.
2. To lower the load, press the "DOWN" side of the rocker switch. The forks will descend.
3. Once the load is fully supported by the ground or its destination, carefully retract the forks from underneath.
4. Return the forks to the lowest position when the unit is not in use or when moving it.



Figure 3: Vestil L-270-DP-HD Tote Lifter with its forks in a raised position, demonstrating the lifting capability and the engagement of the automatic stabilizers.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Vestil L-270-DP-HD Tote Lifter.

5.1 Daily/Pre-Operation Checks

- Inspect for any visible damage, loose fasteners, or leaks.
- Check the condition of the wheels and casters for wear or obstructions.
- Verify that the rocker switch operates smoothly and the lifting/lowering functions respond correctly.
- Ensure the automatic stabilizers engage and disengage properly.

5.2 Battery Care

- Recharge the battery after each shift or when the battery indicator shows low charge.
- Avoid completely discharging the battery, as this can reduce its lifespan.
- Keep battery terminals clean and free of corrosion.
- Store the unit in a dry, temperate environment when not in use. If storing for extended periods, ensure the battery is fully charged and periodically recharged.

5.3 Cleaning

Clean the exterior of the unit with a damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the finish or electrical components.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lifter does not raise.	Low battery charge. Overload. Electrical connection issue.	Charge the battery. Reduce the load to within capacity. Check all electrical connections.
Lifter does not lower.	Obstruction. Hydraulic issue.	Check for obstructions under the forks. Contact qualified service personnel for hydraulic inspection.
Unit difficult to move.	Stabilizers engaged. Damaged wheels/casters.	Ensure forks are fully lowered. Inspect and replace damaged wheels/casters.
Battery not charging.	Charger not plugged in. Faulty charger or battery.	Verify charger is securely plugged into outlet and unit. Contact support for charger/battery testing.

For issues not listed above or if solutions do not resolve the problem, contact Vestil customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Detail
Model Number	L-270-DP-HD
Brand	Vestil
Capacity	2200 Lb.

Feature	Detail
Power Type	DC Power (Dual Power)
Charger	On-board battery charger included
Stabilizers	Automatic side stabilizers engage when forks reach specific height
Construction	Solid steel
Product Dimensions	67 x 26.75 x 50.5 inches
Item Weight	332 Pounds
Batteries	1 Lithium Ion battery (included)



8. WARRANTY AND SUPPORT





For warranty information, technical support, or to order replacement parts, please contact Vestil Manufacturing Corp. directly. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: Vestil
Website: www.vestil.com

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Related Documents - L-270-DP-HD

	<p>Vestil L-220-HD & L-270-HD High Lift Hand Truck Instruction Manual</p> <p>Comprehensive instruction manual for Vestil L-220-HD and L-270-HD High Lift Hand Trucks (Tote Lifters), covering specifications, safety, installation, adjustment, troubleshooting, and parts lists.</p>
	<p>Vestil DRUM-55S Portable Drum Jack Operation and Service Manual</p> <p>This manual provides comprehensive operational, service, and maintenance guidelines for the Vestil DRUM-55S Portable Drum Jack. It includes detailed specifications, safety warnings, operating procedures, troubleshooting tips, a complete parts list, and warranty information.</p>

	<p>Vestil DRUM-LUG Drum Lifter: Operation and Safety Manual</p> <p>Comprehensive manual for the Vestil DRUM-LUG drum lifter, covering safe operation, maintenance, specifications, and usage as a forklift attachment or below-the-hook device. Includes safety warnings and part details.</p>
	<p>Vestil SST-45 Self-Leveling Scissor Table Owner's Manual</p> <p>This manual provides comprehensive information for the Vestil SST-45 Self-Leveling Scissor Table, including specifications, assembly instructions, operating procedures, maintenance guidelines, troubleshooting tips, and warranty details.</p>
	<p>Vestil WL-100 Truck Scissor Dock Lift Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for the Vestil WL-100 Truck Scissor Dock Lift, covering installation, safety, operation, troubleshooting, and warranty information. Includes detailed diagrams and parts lists.</p>
	<p>Vestil ALL-T-2 All Terrain Pallet Truck Instruction Manual</p> <p>Comprehensive instruction manual for the Vestil ALL-T-2 All Terrain Pallet Truck, covering safety warnings, introduction, specifications, operating procedures, lubrication, troubleshooting, spare parts, and instructions for attaching an optional tow bar.</p>

