

VOLTSTAIR

POWERED HAND TRUCK

USER MANUAL



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1. Introduction

Thank you for purchasing a Voltstair Dolly! We aim to provide the safest and most adaptable mobility equipment on the market. Please read this manual in its entirety before operating or maintaining this product. To ensure safe use, all operators of this device should be properly trained.



CAUTION

Improper usage of this device can cause injury. The Stairlift Dolly must only be operated as described in this manual. Do not modify the Stairlift Dolly or any of its components unless you are a Certified Voltstair Dolly Technician, as modifications can result in unpredictable performance and result in injury or damage to cargo.

NOTE: This manual should remain with the Voltstair at all times.

For Customer Service Or Technical Assistance, Please Contact us
via Email at Info@MobileStairLift.com or call 1(212)-366-5483

1.1 Indications for Use

The Voltstair Dolly is a manual transport device which transports cargo up or down a flight of stairs. The Dolly is capable of moving cargo up to 500 lbs, and is for residential or commercial use with proper training. The Stairlift Dolly's six wheels also allow the operator to transport the load on flat surfaces when the tracks are in an upright and locked position.

1.2 General Description / Intended Use

The Voltstair Dolly is intended as a transport device for transporting a load up or down flights of stairs. The operator must read this manual and be properly trained on this product before use. The operator must practice with the Dolly alone before using it to transport a load.

1.3 Disclaimer

This user manual contains general instructions and guidelines for the use, operation and care of this product. These instructions are not all-inclusive. The safe and proper use of this product is solely at the discretion of the user. Safety information is included as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations. It is recommended that complete training on the proper use of this product be provided before using this product in an actual situation.

1.4 Unpacking the Device

You will receive your device in a Large Box with Foam Protection, as photographed below. Unpack your Voltstair Dolly, removing all shipping and packing materials, and check all items for proper operation. If anything is missing or noted to not be correct or any type of damage is present due to shipping, please contact Voltstair.

Items Included:

- Dolly
- Battery
- Charging Cord
- User Manual
- Product Label
- 2 Keys

2.0 Symbols and Definitions Used in this Manual



Consult instructions for use.



General Warning of any possible damages, bodily injury or even death resulting from incorrect use or carelessness. (See Section 2.1 for more information)



Caution to alert reader to hazardous situations and if instructions are not properly followed could result in minor or moderate injury to the user or occupant. (See Section 2.1 for more information)



Serial Number of the device.



Date of Manufacture



Product should not be disposed of with your other household waste.



Check sign explains the items that you should comply with upon operation, repair and maintenance of this device.



Do not lubricate the belts or tracks of this device.

2.1 Warning / Caution / Note: Definitions

These words carry special meanings and should be carefully reviewed.



This symbol alerts the reader about a situation which, if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.



This symbol alerts the reader of a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage the product or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

NOTE: This provides special information to make maintenance easier or important instructions clearer.

2.2 Safety Precautions

1. Read this entire manual before using the Voltstair Dolly, and use the Dolly only as described in this manual.
2. Always make sure the black wheel platform is securely screwed on before use.
3. Do not push the Dolly with the upper control handle in the fully extended position. Pushing the chair with the handle extended may cause the Dolly to tip when you encounter obstacles.
4. DO NOT OPEN MOTOR. Contact Voltstair for service.
5. Avoid getting dirt inside the tracks.
6. Do not attach any additional items to this Dolly.
7. The Stairlift Dolly will not work the same on all surfaces and in all environments and conditions.
8. Never lubricate the belts or tracks of this product. Lubricating the track system can result in injury to the operator.
9. Always lock the handlebar in position before you use the extended handlebar to tip the Dolly back.
10. To clean the Voltstair Dolly, wipe with a towel and clean water. Dry after cleaning. Please note that cleaning products may cause corrosion and damage to the Dolly.
11. Use only parts that are specifically made for this Stairlift Dolly. If replacement parts are needed, please contact Voltstair for assistance.
12. Maintain and operate the Dolly only as described in this manual.
13. Voltstair can be reached for all service, maintenance and questions regarding this Dolly and its operation.

3.0 Warranty

Lifetime warranty of the frame + 6 months on parts. Rendering any parts of the machine, and/or using not as described in this manual will result in cancellation of the warranty policy. Please visit Voltstair.com for full warranty. For warranty issues, please contact Voltstair at 1-212-366-5483 or info@climbingsteps.com. Please see end of manual for full warranty.

4.0 Stairlift Dolly Features

1. This Stairlift Dolly is used for carrying a load up or down stairs.
2. The Stairlift Dolly's black wheel platform can be removed for transportation or storage.
3. The Stairlift Dolly has six wheels for easy ground movement.
4. The Stairlift Dolly is made of high-strength aluminum alloy materials.
5. The Stairlift Dolly is designed to be lightweight, compact, easy to carry, easy to use safely, and easy to clean and sterilize.

5.0 Technical Specifications

Load Unit: 5 lbs. / Operator must consider the weight of the total load.

Climbing Speed: 0.8 mph

Climbing Distance: Up and down 100 floors on a single charge

Platform/Landing Requirement: Operator 38" for bottom landing. 40" for top landing.
44" x 44" for between flights.

Safe Brake System: Electromagnetic Brakes

Authorized Operation Chip: Lithium Core

Power Indication: Yes

Support Wheel Size: Front wheel 4 inch diameter, Rear Wheel 5 inch diameter

Noise: < 50db

Net weight: 66 lbs.

Gross Package Weight: 90 lbs.

Unfolded Size: 48.5" x 20" x 62.5"

Packing Size: Operator 43.3" x 22.4" x 13.4"

6.0 Diagram of Dolly



6.2 Handlebar Controls

The **RED** switch turns on and off (the motor must be engaged with the key)

The **GREEN** buttons move the Dolly UP and DOWN the stairs.

The **BLUE** button turns the utility light ON and OFF.

Control Switch



NOTE: If neither button is being pressed, the Dolly will be locked in brake mode.

Height Adjustment Knob



The **RED** knob on the back of the seat can be rotated to release the lock in order to extend or retract the handlebar.

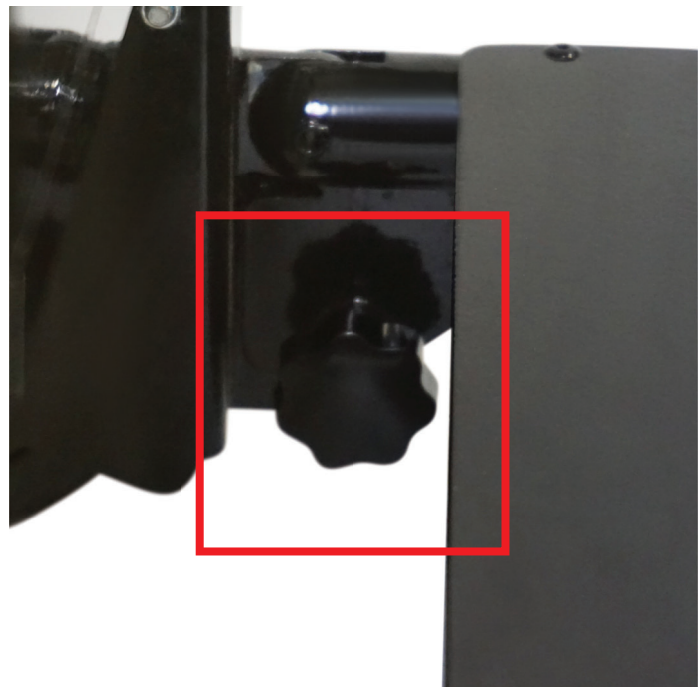
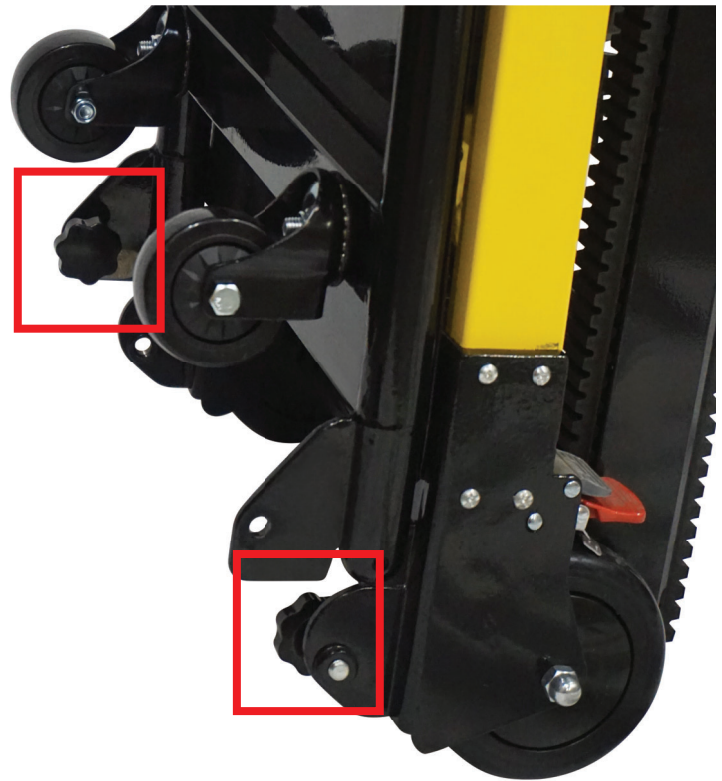


7.0 Wheel Installation

1. Insert wheel mounting bolt through the dolly frame and slide the wheel over it.
2. Place nut over the mounting bolt and screw to secure the wheel in place.
3. Proceed to tighten the nut onto the wheel by using the included wrench around the nut, and the hex key wrench to hold the screw in place from underneath.

7.1 Unfolding the Platform

1. Locate the following two locks on either side of the unit.
2. Unscrew both sides, and proceed to lower the platform.
3. After platform is level, rescrew in the platform locks to prevent folding.
4. To fold the platform, simply reverse these steps by removing the locks, folding the platform upwards, and replacing the locks in the starting position show to the right.



7.2 Battery and Indicator

The red indicator light ("A") will illuminate when the power button is in the "on" position. The four diamonds next to the red light ("B") are the battery power level lights.

7.3 Charging The Battery

Please note that the Voltstair Dolly ships with the battery partially charged, so when it is first opened, it must be charged for an additional 2 hours to ensure that it is fully charged.

NOTE: The battery can take 4-6 hours to fully charge.

The battery is located on the upright component of the Dolly (See Section 6.0). Charge the battery by inserting the wire on the right side of the Stairlift into the charging port. It is normal for the charger to make a noise while charging the battery.



Portable Battery



Charging Port

7.4 Testing and Removing The Battery

Battery System: Lithium-Ion (li-ion) manufactured by Samsung

Nominal Voltage: 3.6V

Rated Capacity: 2.05Ah

Wh Rating: 7.38Wh

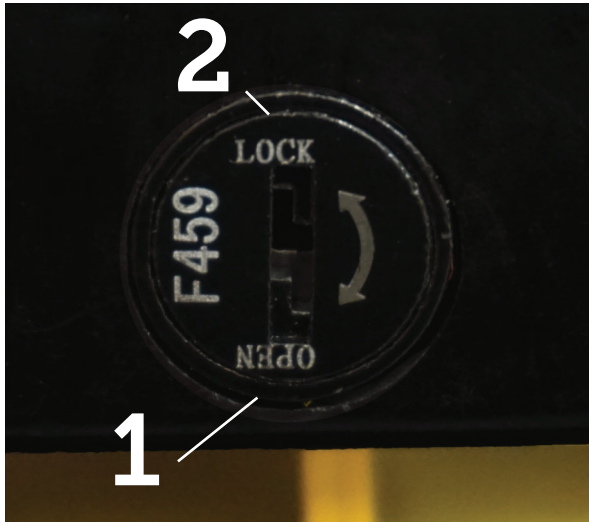
The green lights will illuminate according to how much power is left:

- 1 light means 25% battery remaining,
- 2 lights means 50%,
- 3 lights means 75%, and
- 4 lights means 100% battery power remaining.



To remove the battery from the unit, push the key inward and turn it to release the interlocking system. Then slide the battery to remove.

7.5 Key and Ignitions Positions



BATTERY MOUNT POSITIONS

1. **Un-Locked** : Battery power is off, and battery can be removed.
2. **LOCKED** : Battery power is off, and battery is locked into place and cannot be removed.

8.0 Learning to Use the Voltstair Dolly - Quick Start Steps

1. Turn the key to the ON position (Item 3 in Section 7.2).
2. Extend the upper handlebar to its fullest height by turning the red knob and pulling up the handle.
3. Release and open the rubber tracks so that they are slanted away from the Dolly, and lock them into place.
4. Press the red switch on the handlebar to the on position to turn the Dolly on. The Dolly is now ready for use.

9.0 Operation Details



Before each use of the Dolly, make a visual check to see that all parts are in place and that there are no loose or moving parts. If you see any out of ordinary issues with the Dolly, do not use it until you verify with our customer service representative that it is safe to use.

9.1 Ascending a Staircase With The Stairlift Dolly

STEP 1

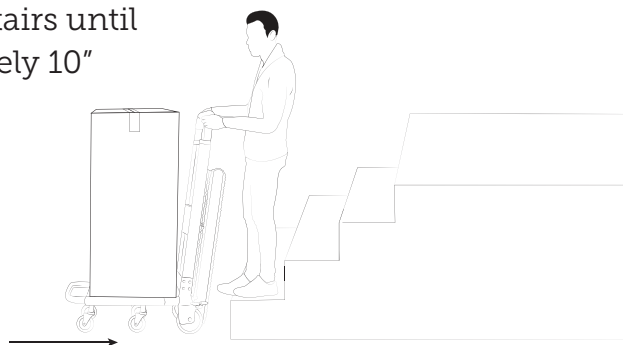
Move the load onto the Dolly and ensure that it sits against the upright component.

STEP 2

Engage the battery by inserting the key and rotating clockwise to the red symbol. (See Section 7.2)

STEP 3

Back the Dolly up to the stairs until the treads are approximately 10" from the bottom stair.



STEP 4

Lock the Rear Wheels by stepping on the red "on" lever behind the back wheels.

STEP 5

Push the red track handle towards the arrow, and pull the tracks away from the Dolly to extend the tracks.

STEP 6

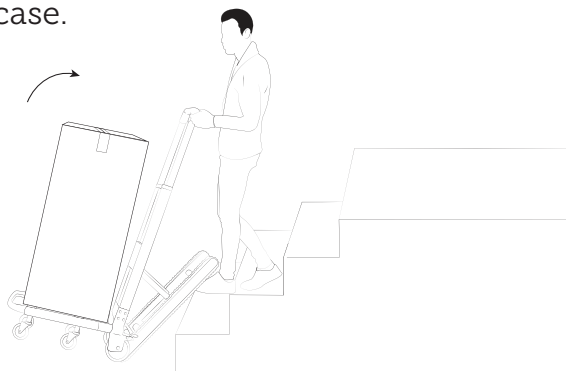
Turn **RED** handlebar switch on. (See Section 6.2)

STEP 7

Rotate the Red knob and pull the handlebar up to extend it until it locks into place. (See Section 6.2)

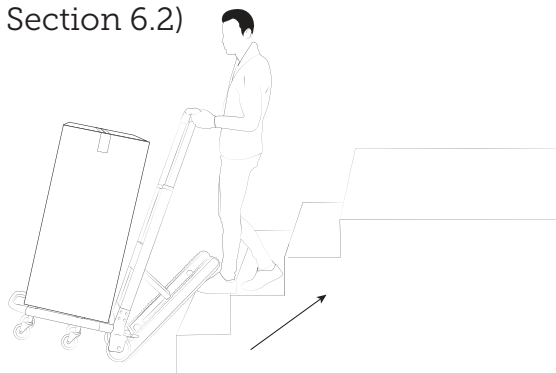
STEP 8

Lean the handlebar backward until the treads are resting on the staircase.

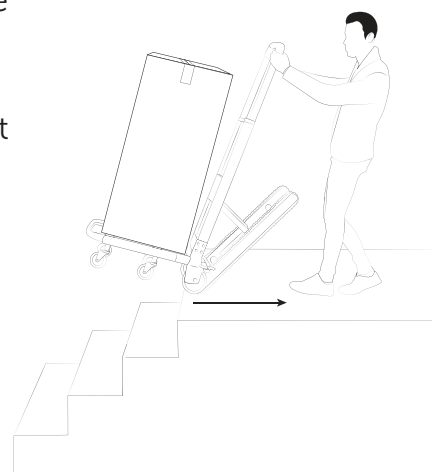


STEP 9

When you are ready to begin your ascent, press the **GREEN** button. (See Section 6.2)

**STEP 10**

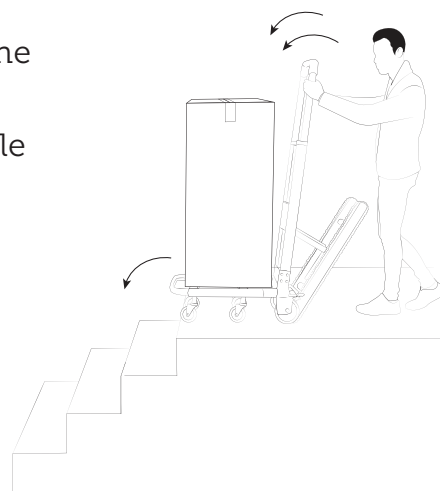
When you reach the top landing of the stairs, continue moving the Dolly well onto the platform while balancing the chair in a tilted position, until the front wheels have completely cleared the edge of the top step and are above the landing.

**STEP 11**

When the front wheels have cleared the edge of the landing, tilt the Dolly into the upright position and roll the Mobile Stairlift Dolly to the desired location.

⚠ CAUTION

Do NOT tip the Dolly forward until the front wheels are past the edge of the landing.



9.2 Descending a Staircase With The Stairlift Dolly

STEP 1

Move the load onto the Dolly and ensure that it sits against the upright component.

STEP 2

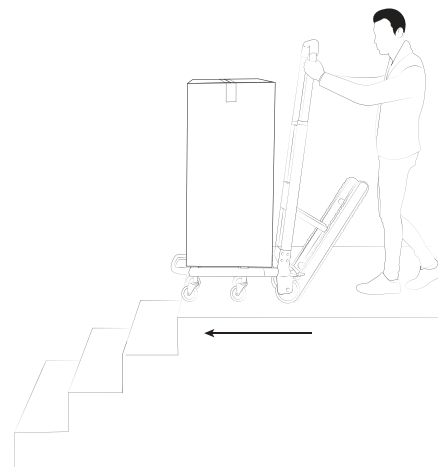
Engage the battery by inserting the key and rotating clockwise to the red symbol. (See Section 7.1)

STEP 3

Roll the Stairlift Dolly towards the stairs with the treads facing away from the staircase, making sure to stop well before the front wheels reach the stairs.

⚠ CAUTION

Do NOT roll the Dolly's front wheels over the top of the landing onto the stairs before following the next steps.



STEP 4

Lock the rear wheels by stepping on the red "on" lever behind the back wheels.

STEP 5

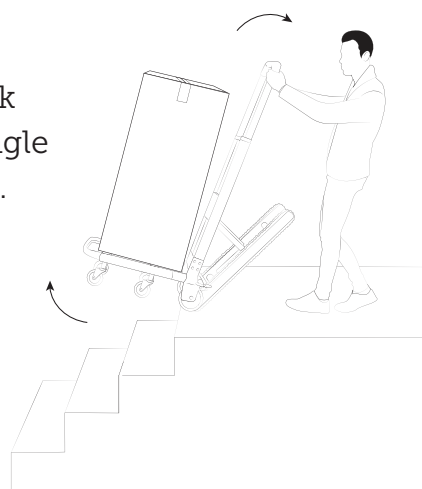
Turn **RED** handlebar switch on. (See Section 6.2)

STEP 6

Rotate the red knob and pull the handlebar up to extend it until it locks into place. (See Section 6.2) We recommend vextending the handlebar as hihgh as comfortably possible.

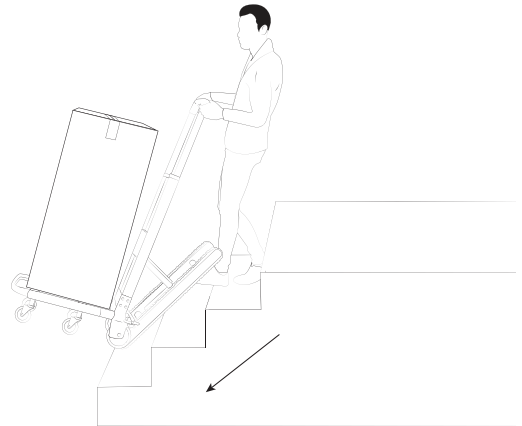
STEP 7

Tilt the Stairlift Dolly back to rest on the bottoms of the tracks. Lean the Dolly back until the tracks are at the approximate angle of the stairs you are planning to descend.

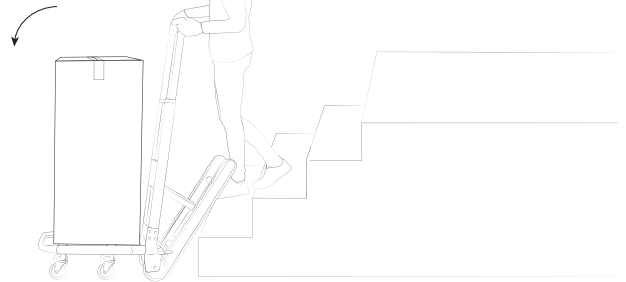


STEP 8

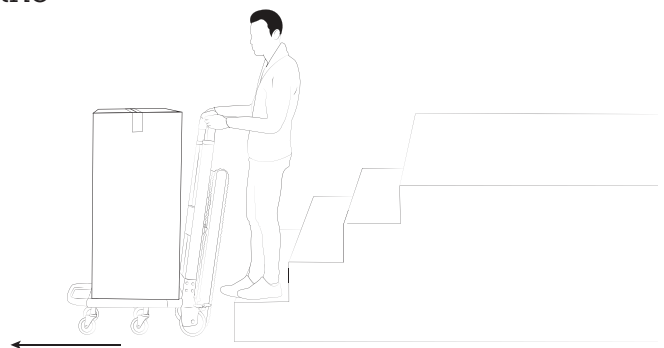
Grip the handlebar firmly and use the **YELLOW** button (See Section X.X) to move the Dolly forward and down the stairs. Hold the Dolly balanced in a slanted/angled position until you have descended 2-3 stairs, at which point the treads will make contact flush against the slant of the stairs.

**STEP 9**

When the back wheels reach the bottom landing, release the **YELLOW** button and lean the Dolly forward into the upright position.

**STEP 10**

Unlock the wheels and roll the Voltstair Dolly to the desired location.



10.0 Maintenance

To obtain parts and service call Voltstair Dolly information in the front of this manual. If any replacement parts are needed, please refer to the list below:

001 - Front Swivel Wheels

002 - Back Large Wheels

003 - Rubber Tracks

004 - Safety Belt - Buckle

005 - Lift Bar Handle

006 - Handlebar Knob

007 - Wheel Breaks

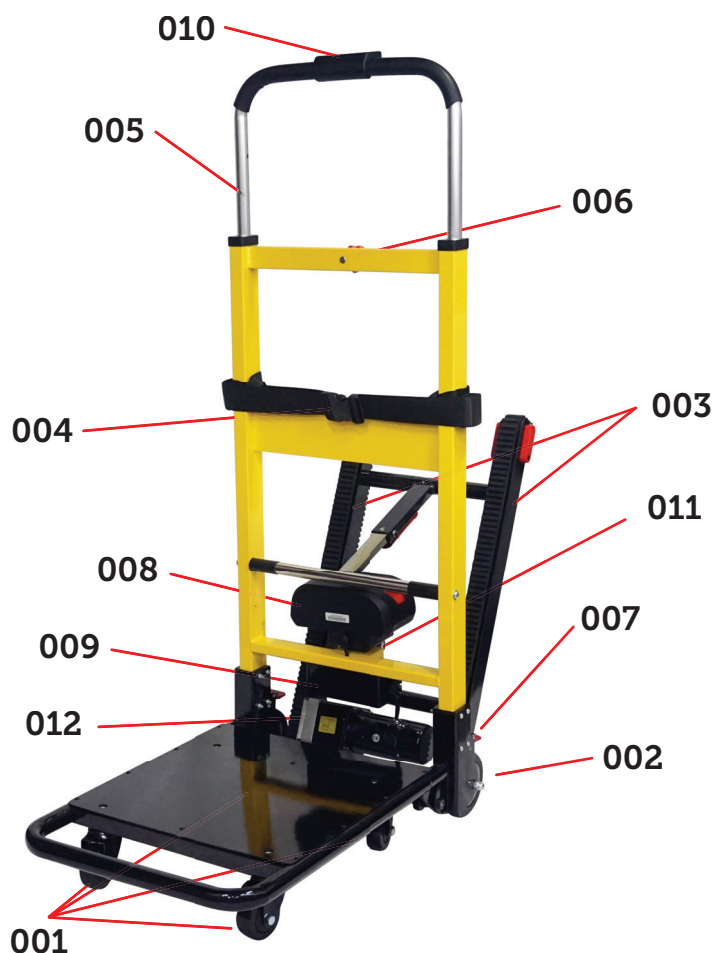
008 - Battery

009 - Fuse

010 - Control Buttons

011 - Battery Lock

012 - Motor



11.0 Proper Disposal



This device contains a battery, and must be disposed of properly. Please contact your dealer or supplier for further information about product disposal at the end of the product's lifetime.

12.0 Care and Cleaning Instructions

- To clean the Dolly, use a clean cloth or soft brush with warm clean water.
- Dry completely before use.
- Do not use products that have bleach or phenolic cleaners.
- Avoid over saturation or leaving the chair wet for any amount of time.
- To clean the track casing, use SD-20 All Purpose Cleaner and a cloth to remove any grease or other substance.
- Thoroughly dry before use.

13.0 Troubleshooting

If you have any questions about the Stairlift Dolly, please call 1(212)366-5483 for customer service assistance. You will be asked for the serial number of your Stairlift Dolly, which can be found on the motor. The device label will also show the serial number and date manufactured.

14.0 Device Label



Indications for Use: The Voltstair is a manual transport device. The Voltstair transports a load up or down a set of stairs. The Voltstair is for home or commercial use with proper training. The front and rear wheels allow the operator to transport the load on flat surfaces.



SN



8 50031 39201 4

Manufactured by: Climbing Steps 1661 N Dixie Hwy Bay 12, Pompano Beach, FL 33060

Distributed by:

Voltstair

1661 N. Dixie Highway Pompano Beach, FL 33060 • 1-212-366-5483

Warranty

Thank you for your interest in the products and services of Climbing Steps, Inc. This Limited Warranty applies to physical goods, and only for physical goods, purchased from www.voltstair.com

What does this limited warranty cover?

This Limited Warranty covers any defects in material or workmanship under normal use during the Warranty Period.

During the Warranty Period, Climbing Steps, Inc will repair or replace, at no charge, products or parts of a product that proves defective because of improper material or workmanship, under normal use and maintenance.

What will we do to correct problems?

Climbing Steps, Inc will either repair or replace the Product at no charge, using new or refurbished replacement parts or products.

How long does the coverage last?

The Warranty Period for products purchased from Climbing Steps, Inc is Lifetime on the Frames Welds and 180 days on all parts from the date of purchase. A replacement product or part assumes the remaining warranty of the original product or 180 days from the date of replacement or repair, whichever is longer.

What does this limited warranty not cover?

This Limited Warranty does not cover any problem that is caused by:

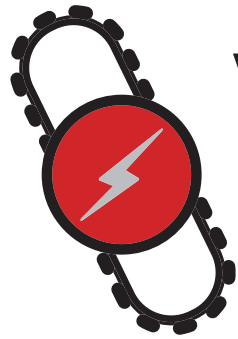
- conditions, malfunctions, misuse, accidents, physical damage, modifications, or damage not resulting from defects in material or workmanship

What do you have to do?

To obtain warranty service, you must contact us to determine the problem and the most appropriate solution for you.

For further information regarding this limited warranty, please contact Climbing Steps, Inc by calling (212) 366-5483, emailing at info@climbingsteps.com, or writing Climbing Steps, Inc. at the following address:

**Climbing Steps Inc.
Attn Climbing Steps Warranty Department
1661 N. Dixie Highway
Pompano Beach, FL 33060**



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POWERED HAND TRUCK

www.Voltstair.com