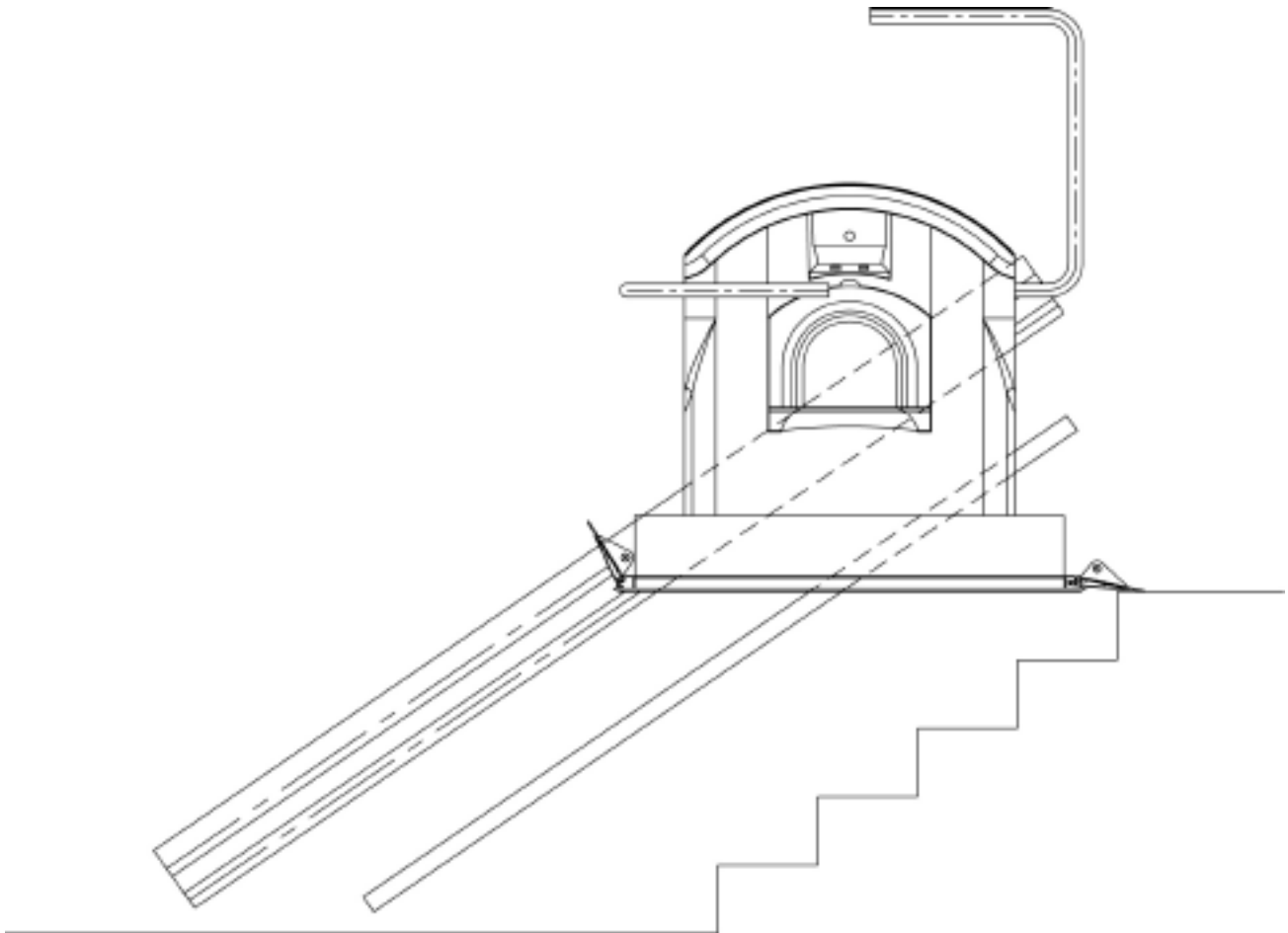




# **OWNER'S MANUAL**

## **Xpress II Inclined Platform Lift**



## **The Garaventa Xpress II Inclined Platform Lift**

Congratulations on the purchase of your new Xpress II inclined platform lift. This manual describes the many features of the Xpress II, how to operate it properly and how to perform simple safety and maintenance checks. Please make sure that you read this Manual before operating the lift.

The serial number will be required when discussing service issues with the local Garaventa Lift dealer or Garaventa Lift factory technicians. Please make a note of the serial number in this Manual. It is printed on a label affixed to the conveyance cover, behind the fold-down seat, if so equipped. Also, please record the date on which your Xpress II was installed. This is important for warranty reference.

**Serial Number** \_\_\_\_\_

**Installation Date** \_\_\_\_\_

Your Xpress II has been designed to provide years of reliable performance. However, it will require maintenance and service. Your Garaventa dealer is knowledgeable about the maintenance and service requirements of your lift. Please make note below for future contact.

### **Authorized Garaventa Lift Dealer:**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

If you have any questions, consult your local dealer or contact Garaventa Lift by telephone at 1 (800) 663-6556 toll-free in North America or (604) 594-0422. We are available by email at [customerrelations@garaventallift.com](mailto:customerrelations@garaventallift.com) or you can submit an inquiry at our website, [www.garaventallift.com](http://www.garaventallift.com).



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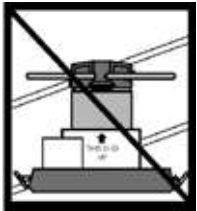
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## 1. Safety First



The warning symbol to the left is used throughout this Owner's Manual to draw your attention to procedures that must be followed to avoid possible danger and injury.

The following procedures are very important to ensure the safe operation of your Xpress II.



### **Do Not Transport Freight**

The lift must never be used for anything but its intended use. Do not use the lift to transport goods or freight.



### **Do Not Stand on Platform**

If you are not using a wheelchair or scooter and want to use the lift, use the optional fold-down seat for ambulatory passengers. Never stand on the platform while it is moving. Passengers must remain seated at all times.



### **Do Not Place Hands behind Platform**

Do not place hands or fingers behind platform  
Do not touch any moving parts.



### **Passenger Must Always Face Direction of Travel**

For proper viewing of the stairway the passenger must always face in the direction of travel. This is essential when traveling downward.



### **Do Not Overload the Lift**

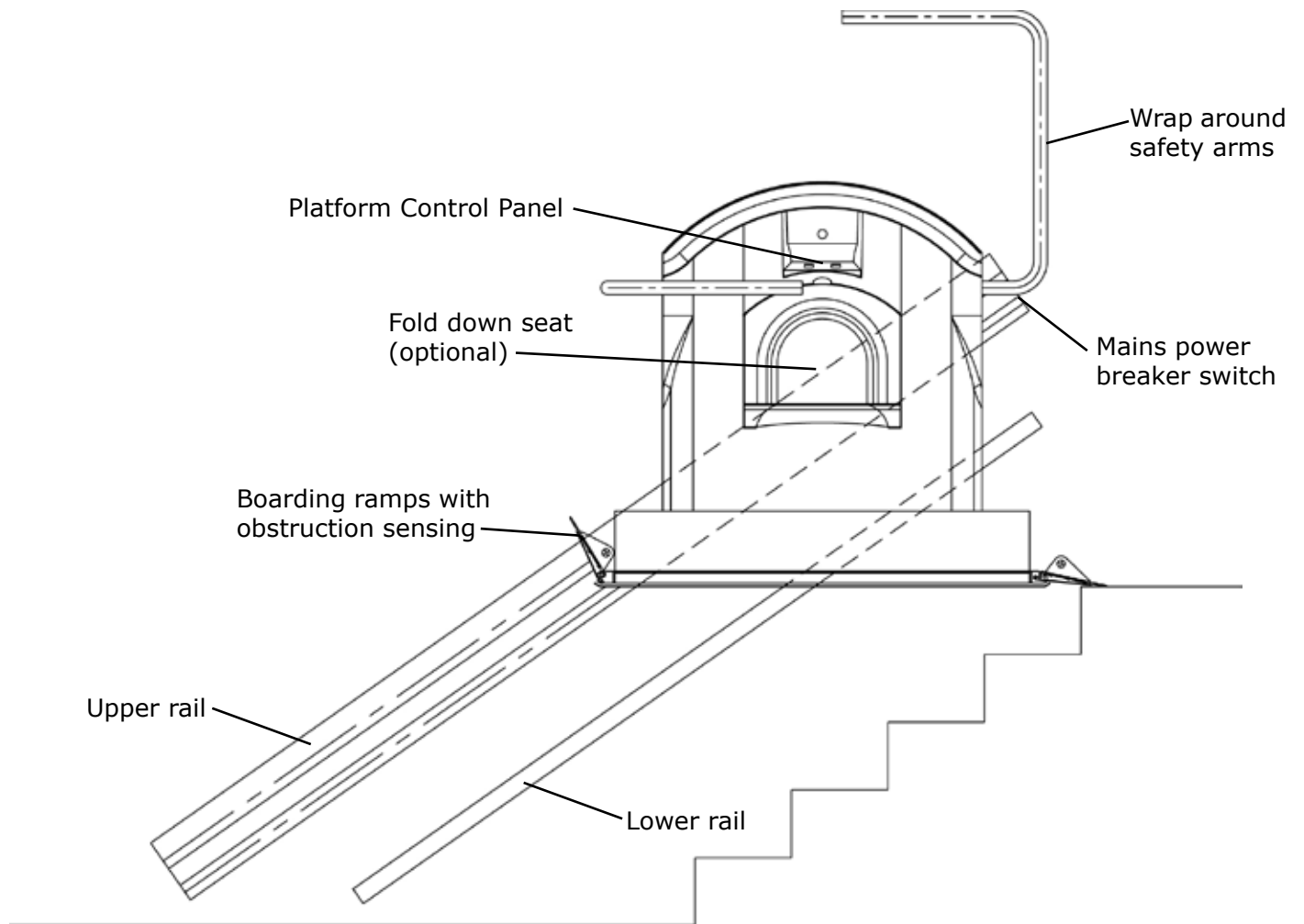
Rated load is 225 kgs. (495 lbs) Do not exceed this limit. Only one passenger may ride on the platform. An attendant must walk beside the platform and use the pendant control.



### **Prevent Pedestrian Contact with Moving Platform**

Use caution when operating the lift to prevent accidental contact between stairway pedestrians and moving platform.

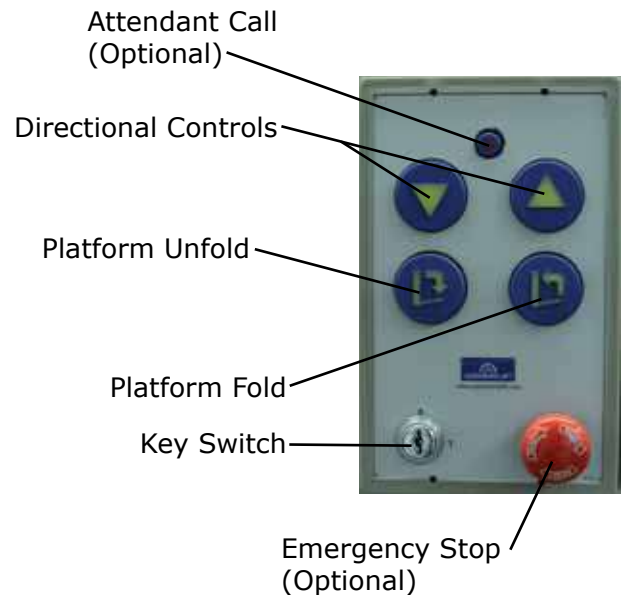
## 2. Component Identification



### 3. Basic Operating Instructions

#### Call Station

1. Check to make sure no one else is using the lift. If the lift is already at your landing, proceed to step 4.
2. If the platform is at the other station, insert your key into the key switch and turn to the "On" position. Press and hold the call button.
3. Once the lift reaches your landing, release the button. To unfold the platform press the unfold button. Remove your key from the station and take it with you.
4. Once you have boarded the lift, lock your wheelchair brakes. If you are using the fold-down seat, fasten your seat belt before operating the lift.

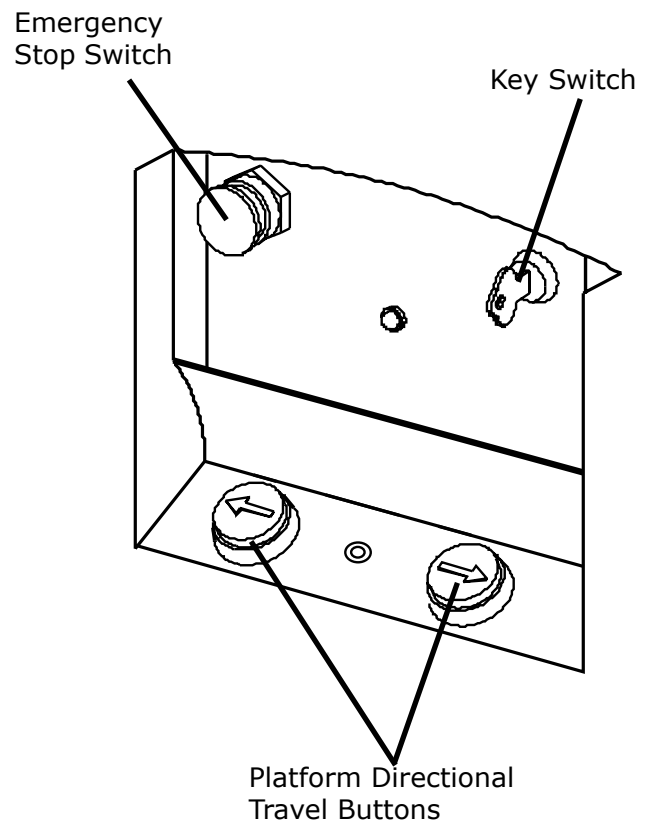


#### Platform Controls

5. Insert your key in the key switch (if equipped) located above the directional buttons. Turn your key to the "On" position. This should illuminate the directional buttons.
6. Press and hold the appropriate directional button to travel to your desired landing.
7. Once you reach your desired landing, release the directional button. The wrap-around safety arms and ramps will open automatically to allow you to exit the platform.
8. Turn your key to the "Off" position and remove it before leaving the platform.

#### Call Station

9. Insert your key into the key switch and turn to the "On" position. Press the fold button to fold the platform up. Remove your key.
10. The directional buttons may also be used to send the platform to the other landing.



## 4. Additional Instructions for Optional Features



### Fold-down Seat for Ambulatory Passengers

- To use, fold the seat down and fasten the seat belt before operating the lift.
- When exiting the platform, tuck the seat belt back into the holder provided.
- Fold the seat back up and secure with Velcro strap.
- Caution: Ensure that the seat is folded up before attempting to fold the platform

### Emergency Stop

- An Emergency stop button is located on the platform control panel.
- The emergency stop button must be manually reset by turning the button clockwise.

### Attendant Remote Control

- To use, attach the remote control to the jack located between the two directional buttons on the platform.

Note: Once the remote control is attached, the remote control buttons override the platform control buttons.



### Manual Platform Safety Stop

- In the case of an emergency, manually lift the platform into the folded up position. Secure the platform using the strap located on the back of the lift. The strap has a hook or snap to be attached to the outside of the kick plate.

## 5. Instructions for Emergency Manual Lowering



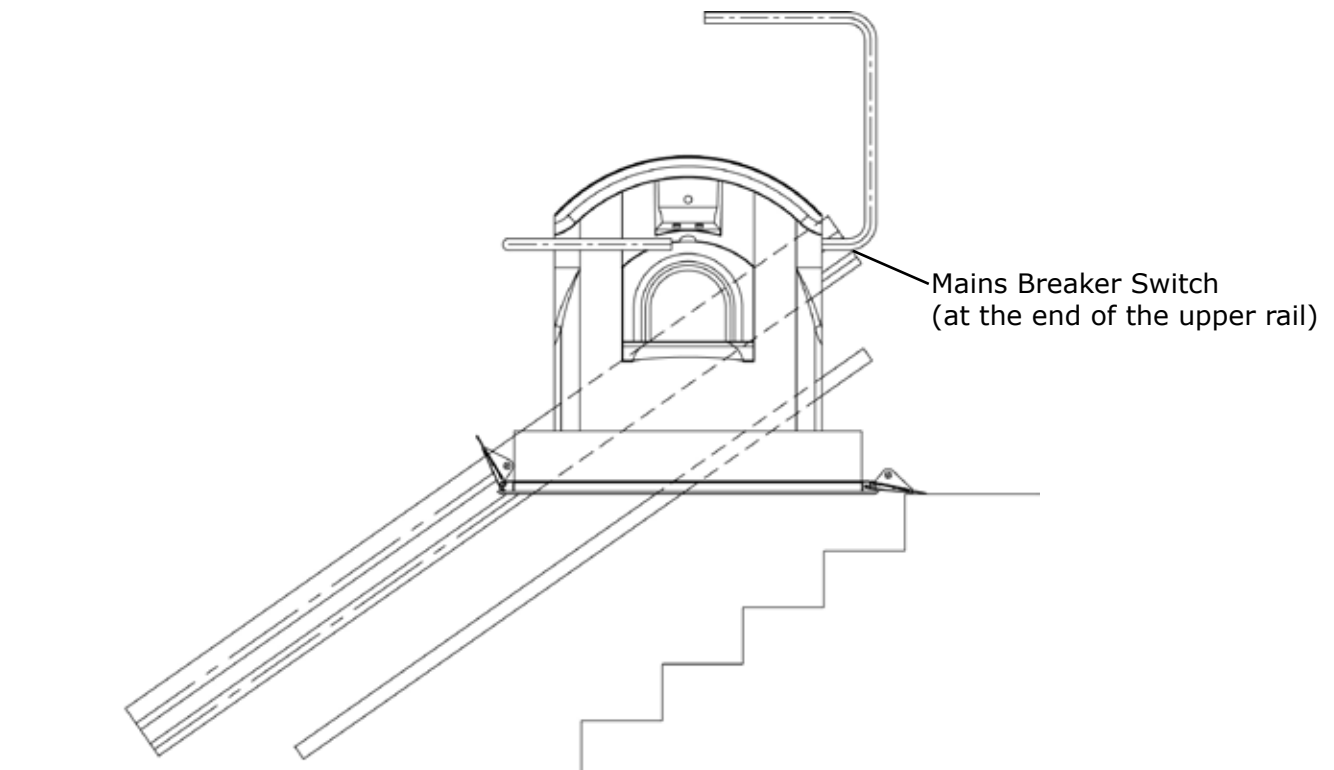
If the lift stops while occupied, the emergency hand wheel should be used to move the platform to the desired location.

To operate the emergency manual lowering system, you may wish to refer to the following illustrations while proceeding with these steps:

1. Turn off the mains breaker switch at the end of the upper rail (Warning: We do not recommend that you lock the switch in the "ON" position with a padlock when the lift is in normal use. If you do so, you must ensure that the padlock key is accessible).
2. Locate the manual lowering hand wheel on the left hand side behind the platform. The hand wheel must be engaged in the motor drive before it will move the lift.
3. To engage the drive hand wheel, gently push and turn the hand wheel to the right until the lowering gears mesh (you may need to turn the wheel slightly while pushing to fully engage the two wheels. Be careful not to force this wheel while turning).

Refer to page 7 for Manual lowering hand wheel location.

4. By turning the hand wheel clockwise or counterclockwise, the lift will move up and down the stairs.

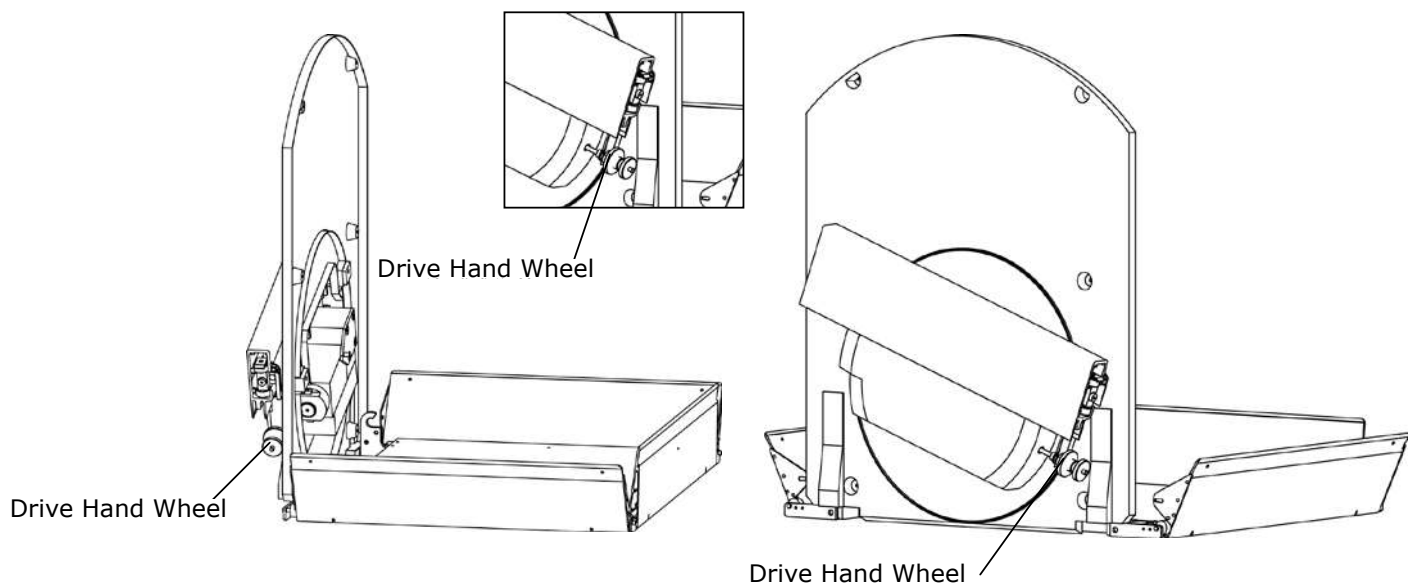


## 5. Instructions for Emergency Manual Lowering

5. Continue turning the hand wheel until you have moved the platform to the desired landing. Be careful not to go past the landing position. At the top landing, the platform will be level with the upper floor. At the bottom landing, the underside of the platform will touch the lower floor.
6. Once the platform reaches the landing, disconnect the ramp linkages by opening the clips at the end of the ramp operating cables. The ramp will then lower to the floor.
7. To raise the optional safety arm, push the safety arm inwards towards the hanger and pivot it into an upright position. It will stay in the raised position once you release the inward pressure. The passenger will then be able to exit the platform.
8. Manually raise the platform into an upright position and hold it in place using the strap on the back of the platform. To do this, bring the strap over the top of the platform and clip it to the ring on the side ramp kick plate.

Note: This strap is to be used only in the event of an emergency!

9. Ensure the mains breaker switch is in the 'Off' position.
10. Phone your authorized Garaventa representative for assistance.



## **6. Scheduled Maintenance**

Regular checks and routine maintenance are essential to keep your Xpress II in proper working order and should save you money over the long term.

It is the responsibility of the lift owner to ensure that maintenance is performed on a regular basis. It is recommended that a thorough servicing be carried out by your authorized Garaventa Lift representative every three months or twenty-five hours of use, whichever comes first.

Your Garaventa Lift representative has the training, expertise and parts to keep your Xpress II operating properly for many years. Ask your local representative about a Scheduled Maintenance Agreement. This agreement will ensure that your lift will be properly maintained, and that the life of your Xpress II will be extended. Depending on the length of this agreement, your warranty could be extended up to five years.

Remember to report any significant problems, such as unusual noises or vibrations, to your representative or Garaventa Lift. Do not operate the lift under these conditions. Between your representative's service calls, the owner can assist with the maintenance of the lift by checking the following points:

- Ensure that the extrusions, platform and other elements of the system are kept free of dirt, grease, wax and water.
- Contact your representative immediately if structural bolts and anchors appear to be loose.
- Check the safety features described in this manual. For example, ensure that the touch-sensitive ramps and plates (under the platform) stop the lift when met by an obstruction.
- Ensure the lift is operated periodically – it should be run at least once a week.

## 8. Specifications

### Platform:

|                    |                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Platform Size:     | 800mm x 1250mm (31 ½" x 49 ¼")<br>800mm x 1220mm (31 ½" x 48")<br>800mm x 1000mm (31 ½" x 39 ¾")<br>750mm x 900mm (29 ½" x 35 ½")                                                    |
| Rated load:        | 225 kg (495 lbs), with a five times safety factor.                                                                                                                                   |
| Speed:             | Up: 4 meters (13 ft) per minute,<br>Down: 4.9 meters (16 ft) per minute, with a soft-start/stop transition to / from rated speed.                                                    |
| Equipped with:     | Non-slip surfaces on the deck and ramps.<br>Power fold mechanism for the arms, ramps and platform.<br>Platform protects the conveyance control switches when in the folded position. |
| Conveyance Option: | Ambulatory fold-down seat, complete with safety belt.                                                                                                                                |

### Operating Controls:

Constant pressure switches for direction; momentary switches for platform fold and unfold, 24 VDC.

### Drive System:

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Motor:              | 0.75 H.P., 208-240 VAC, controlled by a frequency inverter and positioned within the conveyance.                |
| Power Transmission: | Worm gear reduction to a pinion moving on a fixed gear rack.                                                    |
| Emergency Use:      | A hand wheel is provided, so that the platform may be moved to the nearest landing, in case of a power failure. |

### Rail System:

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| Main Upper Rail: | Champagne anodized aluminum extrusion weighing 8lbs per foot, with integrally mounted zinc-plated gear rack. |
| Lower Rail:      | 1.5" x 2.5" champagne anodized aluminum extrusion.<br>The system can accommodate slopes from 10° to 50°.     |

## 8. Specifications

### Over speed Safety:

Located on the upper carriage of the platform, containing mechanical over speed sensor and lock, with electrical drive cut-out protection.

### Finish:

Upper and Lower Rail: Champagne anodized aluminum.

Hanger: Zinc plated frame within a vacuum formed ABS cover.

Platform: Zinc plated frame with mono color powder coated surfaces and champagne anodized ramps and side kick plates.

Note: The United States ADA Accessibility Guidelines specify a minimum platform size of 48 x 30 inches (1220 x 760mm), unless technically infeasible.

***Specifications are subject to change without notice.***

Authorized Garaventa Lift Representative



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© Garaventa Lift. As we are continuously improving our products, specifications outlined in this brochure are subject to change without notice.

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