

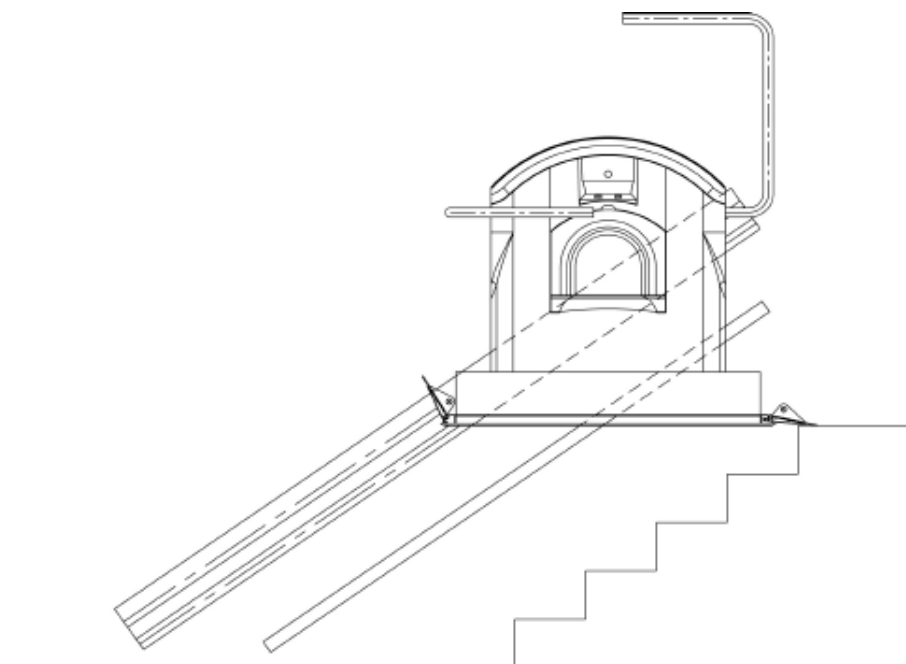
# Garaventa Xpress II

Inclined Wheelchair Platform Lift

for straight stairways

---

## Owner's Manual





# The Garaventa Xpress II

---

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 dealer or Garaventa factory technicians. Please make a note of the serial number in this Manual. It is printed on a label on the inside of the drive box or control box. Also, please record the date on which your Xpress II was installed. This is important for warranty reference.

**Lift Serial Number:** \_\_\_\_\_

**Date of Installation:** \_\_\_\_\_

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.

**Local Authorized Garaventa Dealer:**

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

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

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

If you have any questions consult your local dealer, or contact Garaventa Technical Support by phoning 800-663-6556 or 604-594-0422, fax us at 604-594-9915, email us at [productinfo@garaventa.ca](mailto:productinfo@garaventa.ca), or write to us at:

**In Canada:** Garaventa Lift  
7505-134A St.  
Surrey, BC  
V3W 7B3

**In USA:** Garaventa Lift  
PO Box 1769  
Blaine, WA  
98231-1769



# Table of Contents

---

<b>1. SAFETY FIRST!</b> .....	<b>1</b>
DO NOT TRANSPORT FREIGHT .....	1
DO NOT STAND ON PLATFORM .....	1
DO NOT PLACE HANDS BEHIND PLATFORM .....	1
PASSENGER MUST ALWAYS FACE DIRECTION OF TRAVEL .....	1
DO NOT OVERLOAD THE LIFT.....	1
PREVENT PEDESTRIAN CONTACT WITH MOVING PLATFORM.....	1
EMERGENCY STOP .....	2
DO NOT TAMPER WITH SAFETY FEATURES .....	2
OPERATE AND MAINTAIN THE LIFT REGULARLY .....	2
OPERATING ELECTRICALLY FOLDED COMPONENTS .....	2
<b>2. COMPONENT IDENTIFICATION</b> .....	<b>3</b>
<b>3. BASIC OPERATING INSTRUCTIONS</b> .....	<b>4</b>
<b>4. ADDITIONAL INSTRUCTIONS FOR OPTIONAL FEATURES</b> .....	<b>5</b>
FOLD-DOWN SEAT FOR AMBULATORY PASSENGERS.....	5
EMERGENCY STOP .....	5
REMOTE CONTROL.....	5
MANUAL PLATFORM SAFETY STOP .....	5
GARAVENTA XPRESS II PLATFORM.....	6
<b>5. INSTRUCTIONS FOR EMERGENCY MANUAL LOWERING</b> .....	<b>7</b>
<b>6. PREVENTIVE MAINTENANCE</b> .....	<b>8</b>
<b>7. WARRANTY INFORMATION</b> .....	<b>9</b>
WARRANTY REGISTRATION.....	9
EXTENDED WARRANTY PROTECTION .....	9
<b>8. SPECIFICATIONS</b> .....	<b>10</b>

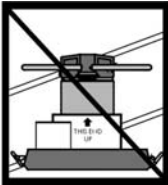
# 1. Safety First!

---



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 Garaventa 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.

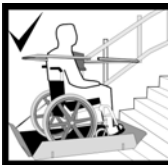
Never stand on the platform while it is moving. Passengers must remain seated at all times



## 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

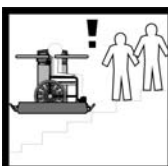
For proper viewing of the stairway the passenger must always face in the direction of travel. This is essential when traveling downward.



## 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.



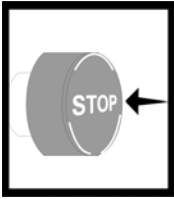
## Prevent Pedestrian Contact with Moving Platform

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

# 1. Safety First!

---

## Emergency Stop



The Xpress II is equipped with a red emergency stop button on the platform and on the pendant control. To stop the lift in an emergency, press either stop button.

Stop buttons may also be located on the call stations (optional).

## Do Not Tamper With Safety Features

The Xpress II is equipped with many advanced safety features. Some of these are:

Obstruction sensing edges and under platform area

Touch-sensitive components, such as safety arms

Automatic slowing at landings



Do not override or tamper with these or other safety features.

Do not attempt electrical or mechanical repairs yourself. Contact your Garaventa dealer when service is required.

## Operate and Maintain the Lift Regularly



Operate the lift on a regular basis and check that everything is working normally.

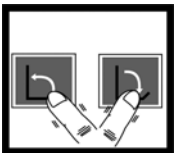
Routine preventive maintenance will ensure the lift is running properly and help avoid expensive breakdowns and repairs.



Do not operate the lift if it has been damaged. If you hear unusual noises or feel vibrations, contact your Garaventa dealer immediately.

Follow any recommendations of local elevator safety authorities that inspect the lift for potential safety issues.

## Operating Electrically Folded Components



Any fold or unfold function may be reversed by pressing the opposite button once.

Circuit overload sensors protect all fold functions. If they detect an obstruction they will automatically stop folding. Remove the obstacle and restart the fold function.

The application of chemical anti-freeze or cleaning products is not recommended. Failures occurring due to the usage of chemical products will not be covered by the Garaventa Warranty. Before using the lift make sure:



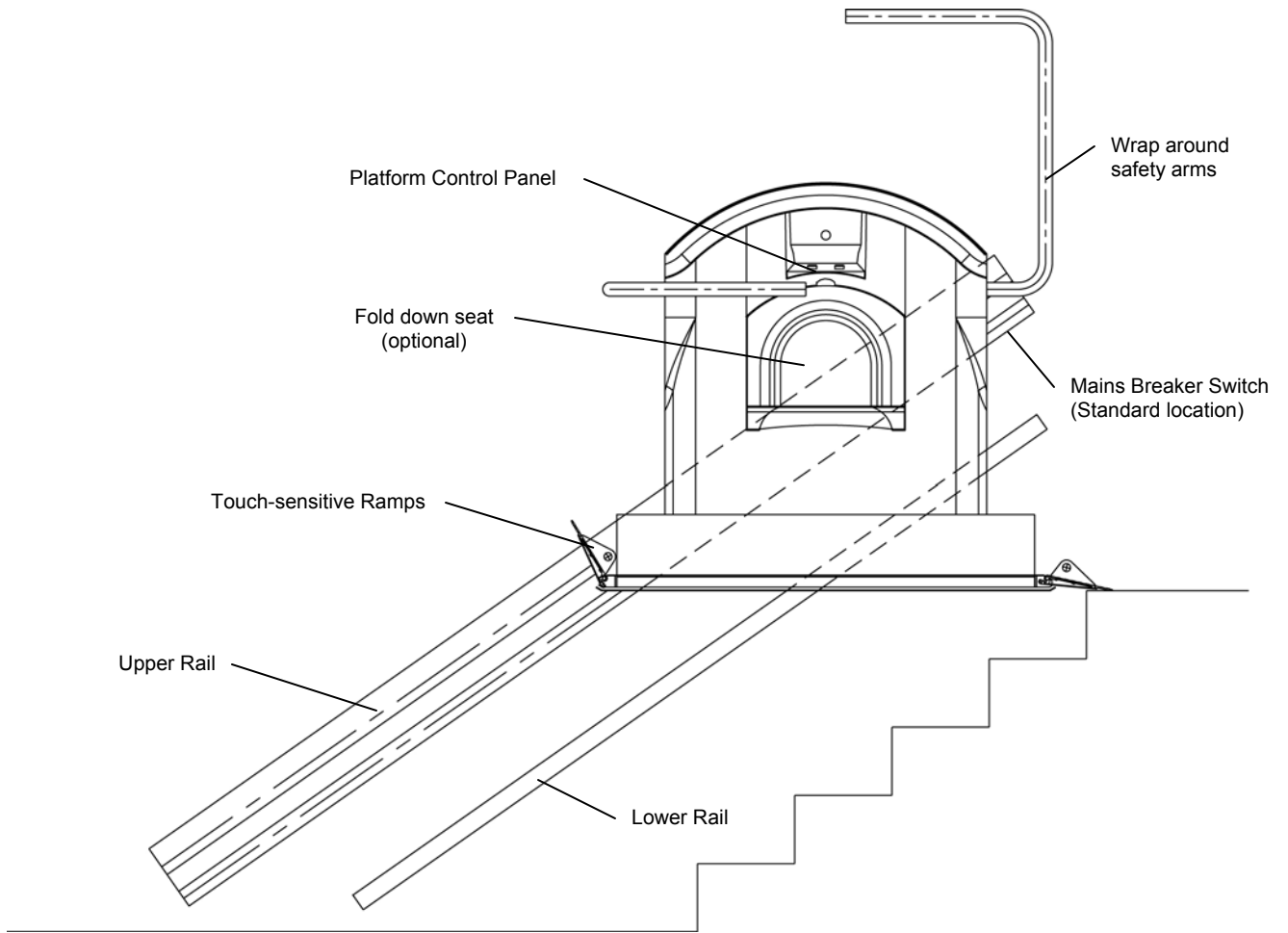
Tower and tube fasteners are not loose

No obstacles impede the way of travel

Tubes are free of snow and ice

## 2. Component Identification

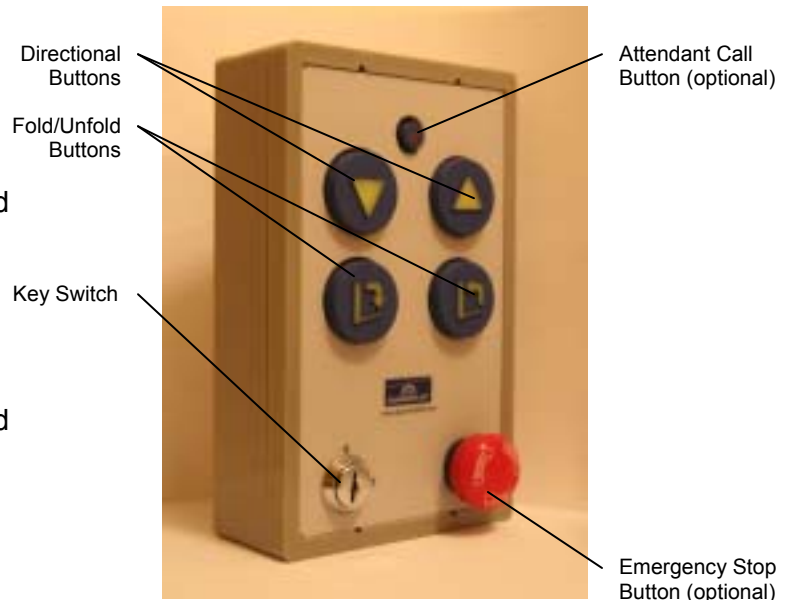
---



# 3. Basic Operating Instructions

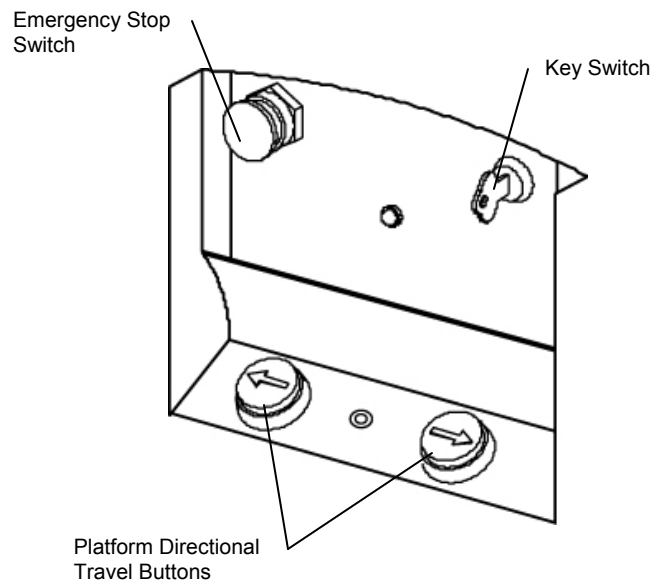
## Call Station

- 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.

### 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.

### Platform Overload Sensing (EU Models only)

If the rated platform capacity is exceeded by 75kg's the lift will not operate. Platform must be exited and then reloaded to reset normal operation.

# 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:

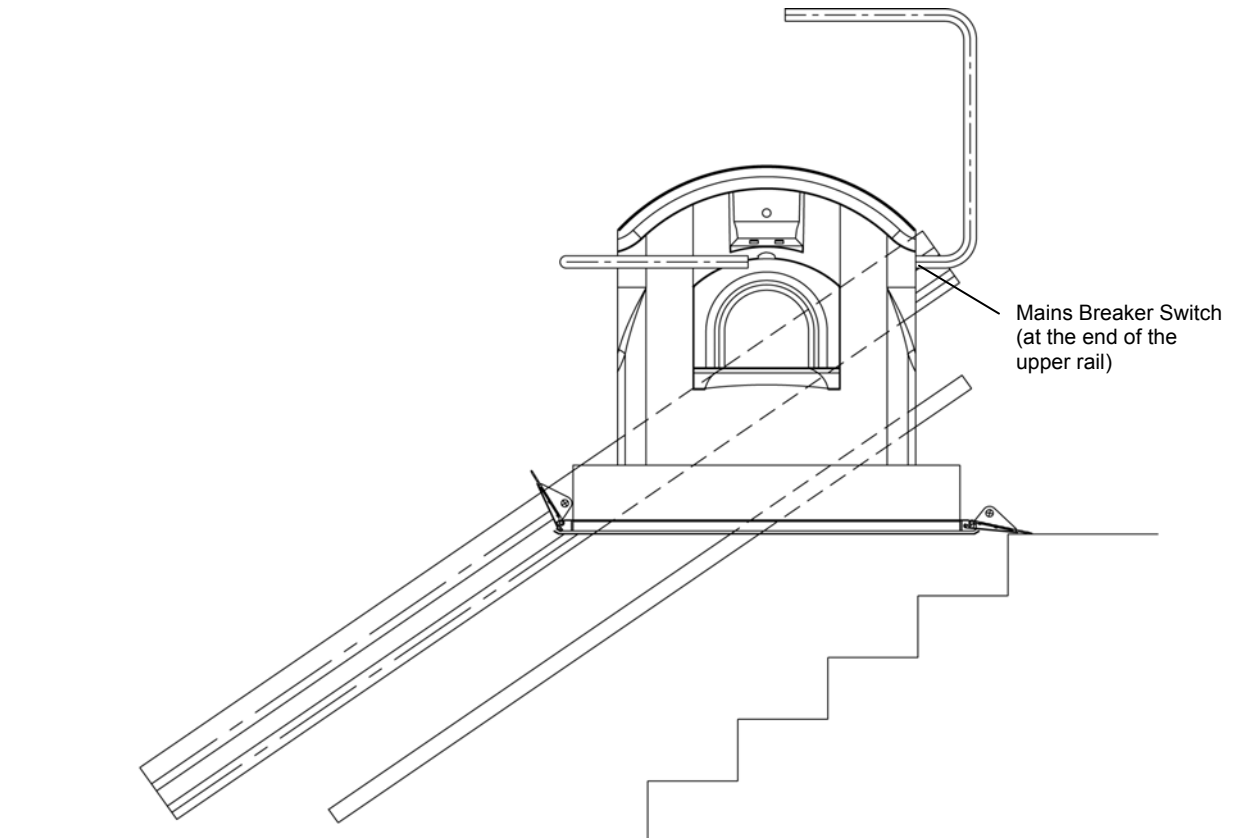


- 1 Turn off the mains breaker switch at the end of the upper rail (Warning: We do not recommend that you lock the switch in the “ON” position with a padlock when the lift is in normal use. If you do so, you must ensure that the padlock key is accessible).
- 2 Locate the manual lowering hand wheel on 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.

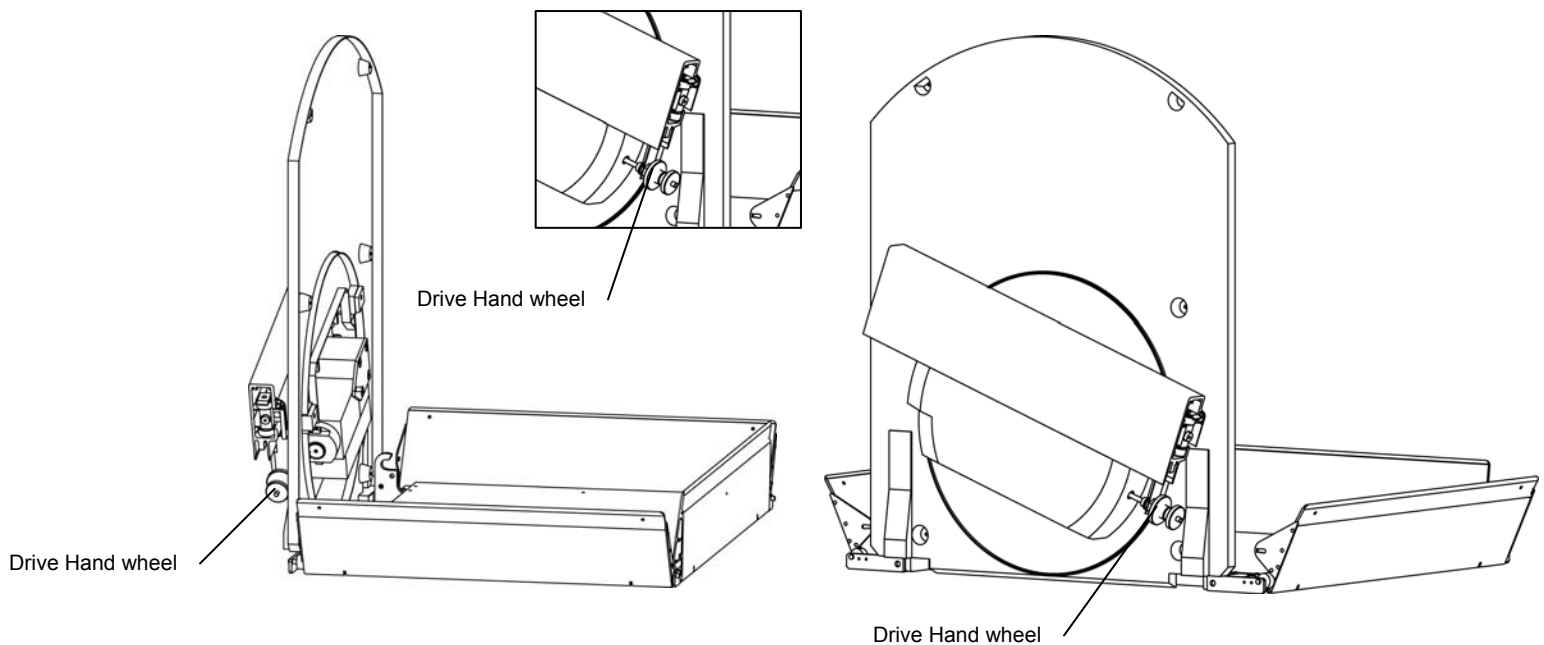
- 4 By turning the hand wheel clockwise or counterclockwise, the lift will move up and down the stairs.

## Garaventa Xpress II Platform



## 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. Preventive Maintenance

---

A Preventive Maintenance Program provided by your authorized Garaventa Dealer is required to maintain your Manufacturer's Warranty and to ensure safe and reliable operation of your lift.

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 representative every three months or twenty-five hours of use, whichever comes first.

Your Garaventa representative has the training, expertise and parts to keep your Garaventa Xpress II operating properly for many years. Ask your local representative about our Preventive Maintenance Agreement. This agreement will ensure that your lift will be properly maintained, and that the life of your Garaventa 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.

# 7. Warranty Information

---

Garaventa warrants this lift to be free from defects in materials and workmanship under normal use and service for a period of two years from the date of installation, reasonable wear and tear excluded. Proof of the date of installation is required to determine the warranty period. See the warranty registration package for information on how to complete the warranty registration form.

This warranty does not extend to any Garaventa lift which has been subjected to misuse, neglect, accident, modification, or damage from fire, lightning, or water, or used in violation of the instructions furnished, nor units repaired or altered by other than an authorized Garaventa dealer. This warranty does not cover service work, oiling, cleaning and minor adjustments that are required from time to time. Consult your local authorized Garaventa Lift Dealer.

Garaventa's liability hereunder is limited to repair or replacement only. Transportation and labor charges are not covered. Garaventa accepts no liability for any loss or damage resulting from the use or misuse of the Garaventa Xpress II, whether such loss or damage is direct, indirect or consequential. All other express or implied warranties, statutory or otherwise, are excluded.

## Warranty Registration

A postage – paid warranty registration card is enclosed with this Owner's Manual. Please complete this card and return it to Garaventa within 10 days of purchase.

## Optional Extended Warranty Protection (Canada & USA only)

As an option you can purchase extended warranty protection for you Garaventa Xpress II (Preventive Maintenance Agreement required). This will extend your warranty from two years to 7 years (warranty details available). The extended warranty covers all major components.

**Important note:** The extended warranty protection plan (Preventive Maintenance Agreement required) is available for purchase for up to 30 days after lift installation. An extended purchase availability of up to 90 days after installation is available for an additional cost.

Protect your investment. Contact your local Garaventa dealer or Garaventa Lift for more information.

# 8. Specifications

---

## Platform:

Platform Size:	800mm x 1250mm (31 1/2" x 49 1/4") 800mm x 1000mm (31 1/2" x 39 3/8") 750mm x 900mm (29 1/2" x 35 1/2")
Rated load:	225 kg (495 lbs), with a five times safety factor.
Speed:	Up: 4 meters (13 ft) per minute, 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. Power fold mechanism for the arms, ramps and platform. 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. The system can accommodate slopes from 10° to 50°.

## 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.*