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## **GARAVENTA GENESIS STAGE VERTICAL LIFT PORTABLE MODEL DESIGN SPECIFICATIONS**

**IMPORTANT: PLEASE CONTACT GARAVENTA FOR DEALER ASSISTANCE IN  
DEVELOPING CURRENT AND LOCATION SPECIFIC DESIGN SPECIFICATIONS**

### **VERTICAL LIFT DESIGN SPECIFICATIONS**

#### **PART 1 GENERAL**

##### **1.01 DESCRIPTION OF PRODUCT**

- A. The Genesis STAGE – manufactured by Garaventa Lift – is a portable vertical platform lift for indoor/outdoor use consisting of a machine tower with a lifting platform, selected and dimensioned to provide building access for mobility impaired persons.

##### **1.02 MANUFACTURER**

Supplier with not less than ten (10) years experience in design, fabrication, and installation of specialized equipment for mobility impaired persons.

##### **DEALER/DISTRIBUTOR**

- A. Must be a contractor licensed to provide equipment of this scope, with evidence of experience with this equipment. The authorized Garaventa dealer/distributor must also employ competent personnel, maintain an adequate stock of replacement parts, have qualified people available to ensure fulfillment of maintenance and call-back service without unreasonable loss of time in reaching the site.

##### **1.03 WARRANTY**

- A. Warranty: Manufacturer shall warrant the Genesis STAAGE vertical lift materials and workmanship for one year.
- B. Extended Warranty (optional): Manufacturer shall warrant the Genesis STAAGE vertical lift materials and workmanship for up to five (5) additional years following completion of the installation and execution of a Preventive Maintenance Agreement.

**1.04 MAINTENANCE**

- A. The cost of renewals or repairs caused by reason of negligence, misuse, or accidents beyond the control of the lift contractor shall not be the responsibility of the contractor.
- B. If call-back service is required between regular inspections, and is necessitated by defects, which are not covered by the warranty, this contractor will be reimbursed by the owner. Call-back service necessitated by defects, which are covered by the warranty, shall be provided without charge.

**PART 2 PRODUCT**

**This section covers the supply and installation of one vertical platform lift system. (Optional equipment and selection items are underlined and are usually an extra cost.)**

**2.01 MANUFACTURER/EQUIPMENT**

Lift manufactured by Garaventa Lift distributed by \_\_\_\_\_ configured as follows:

Model Type:	STAAGE
Platform Size:	864mm x 1385mm (34" x 54 1/2") Standard <i>864mm x 1334mm (34" x 52 1/2") If optional lower landing platform gate selected</i>
Machine Tower:	Custom aluminum extrusion – anodized champagne finish.
Portable Base Frame:	Structural steel tubing frame with 3 heavy-duty castor wheels. Front castor wheel is to be mounted on a jack.
Platform Side Wall Panels:	16 gauge galvanized steel sheet panels.
Platform and Access Ramp:	12 gauge formed, galvanized steel plates; slip resistant surfaces. The access ramp is an automatic folding ramp design.
Coatings/Surfacing:	Finished in process consisting of alkaline detergent wash, clear water rinse, iron phosphate coating, clear water rinse, non-chromate rinse, and baked polyester electrostatically applied for indoor/outdoor use.
Capacity:	Maximum 340kg. (750lbs) Operating load.
Drive Style:	Self-lubricating acme drive nut and screw gear belt pulley
Emergency Operation:	Manual lowering device capable of raising or lowering platform in event of power failure.



Lifting Height:	Externally adjustable up to a maximum of 44”
Travel Speed:	3 meters/minute (10 feet per minute)
Motor:	2 H.P Motor:
Power:	120VAC mains power input. 10’ power cord and wall plug included by manufacturer.
Panel Color:	Satin Grey (fine texture) <u>(Optional RAL colors are available from Manufacturer)</u>
Platform Gates:	Upper Landing Gate 1220mm (48”) high, equipped with self closer and interlock. <u>Lower landing platform gate 1100mm (43”) high, equipped with self closer and interlock.</u>
Side Wall Panels:	1100mm (43”) on platform.
Safety Devices:	<ul style="list-style-type: none"> <li>a) Grounded electrical system with upper, lower, and final limit switches and 24VDC operating controls.</li> <li>b) Non-slip platform and access ramp surfaces.</li> <li>c) Operation lock out key switch on lower landing call station</li> <li>d) Mechanical interlock with electrical switch monitors the door in the closed position to ensure that the latch is engaged</li> <li>e) Integral safety nut assembly with safety switch.</li> <li>f) Emergency stop switch shuts off power to lift and activates audio alarm.</li> </ul>

## 2.02 APPLICABLE STANDARDS

- A. All electrical circuits, structural components and safety devices shall be designed and manufactured in accordance with the following standards:
- 1) ASME A18.1 “Safety Standard for Platform Lifts and Stairway Chairlifts.”  
*\* If equipped with lower landing platform gate.*
  - 2) ANSI A117.1 “Providing Accessibility and Usability for Physically Handicapped People.”
  - 3) CAN/CSA-B44.1-96/ASME A17.5 Electrical Code for Elevating Devices.

**GENESIS DATA LABEL:**

The data label is typically found inside the mast on the backside of the electrical box cover.

<b>GENESIS</b>	<b>VERTICAL LIFT</b>
<b>MODEL: GENESIS STAAGE</b>	 Built in accordance to: ASME A17.5 ASME A8.1b
<b>SERIAL #:</b>	
<b>RATED SPEED: 3M (10FT)/MIN</b>	 GARAVENTA LIFT Creating An Accessible World
<b>RATED LOAD: 750 LBS (340 KG)</b>	
<b>WEIGHT OF CAR: 160 LBS (73 KG)</b>	
<b>SUSPENSION &amp; SUPPORT MEANS: LEADSCREW</b>	
<b>DATE OF MANUFACTURE: SEPT 12, 2006</b>	
<b>MANUFACTURED BY: GARAVENTA LIFT</b>	
<b>VOLTAGE: 120 VOLTS AC SINGLE PHASE</b>	
<b>FULL LOAD CURRENT: 8 AMPS</b>	
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