



GENESIS VERTICAL LIFT

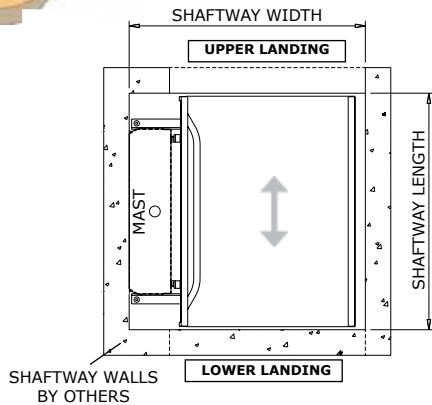
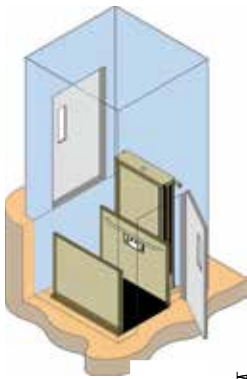
ENCLOSURE AND SHAFTWAY MODELS



The Garaventa Genesis is a vertical platform lift which provides access into or within commercial or residential buildings. It travels inside a complete, self-contained enclosure, as shown, or can be located in a shaftway constructed by others. Our unique, anodized aluminum design is strong, durable and attractive.

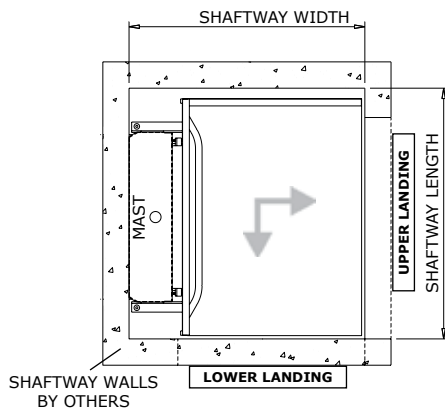
SHAFTWAY MODEL

The Genesis Shaftway model fits inside a vertical runway that is built by others in accordance to Garaventa Lift specifications. The system consists of a drive mast, passenger platform and doors or gates. The shaftway can be completely enclosed, much like an elevator shaftway, or it can be open at the upper landing. A variety of doors and gates are available.



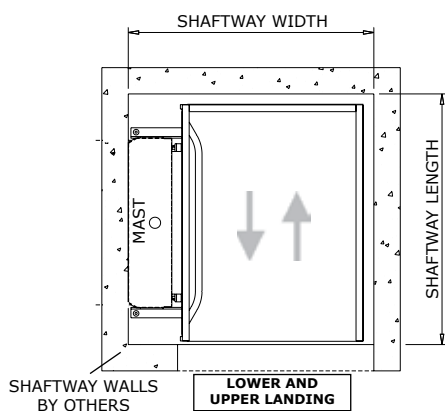
Shaftway Straight Through

Platform Size	Shaftway Width	Shaftway Length	Platform Width	Platform Length
Compact	1317mm [51 7/8"]	1295mm [51"]	914mm [36"]	1257mm [49 1/2"]
Standard	1394mm [54 7/8"]	1407mm [55 3/8"]	992mm [39"]	1370mm [53 7/8"]
Mid-Size	1394mm [54 7/8"]	1558mm [61 3/8"]	992mm [39"]	1520mm [59 7/8"]
Large	1546mm [60 7/8"]	1558mm [61 3/8"]	1146mm [45"]	1520mm [59 7/8"]



Shaftway 90° Entry / Exit

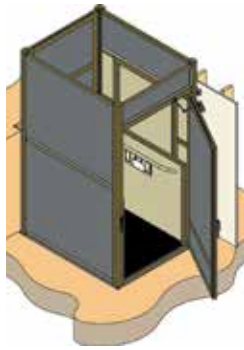
Platform Size	Shaftway Width	Shaftway Length	Platform Width	Platform Length
Compact	1272mm [50 1/8"]	1316mm [51 3/4"]	940mm [37"]	1208mm [47 1/2"]
Standard	1350mm [53 1/8"]	1428mm [56 1/4"]	1017mm [40"]	1320mm [52"]
Mid-Size	1350mm [53 1/8"]	1579mm [62 1/8"]	1017mm [40"]	1471mm [57 7/8"]
Large	1502mm [59 1/8"]	1579mm [62 1/8"]	1169mm [46"]	1471mm [57 7/8"]



Shaftway On/Off Same Side

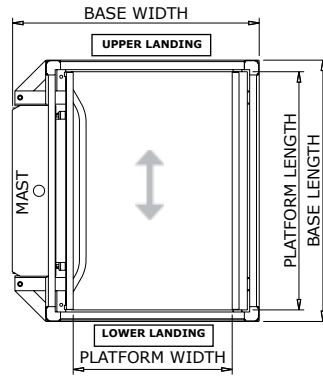
Platform Size	Shaftway Width	Shaftway Length	Platform Width	Platform Length
Compact	1317mm [51 7/8"]	1316mm [51 3/4"]	914mm [36"]	1208mm [47 1/2"]
Standard	1394mm [54 7/8"]	1428mm [56 1/4"]	992mm [39"]	1320mm [52"]
Mid-Size	1394mm [54 7/8"]	1579mm [62 1/8"]	992mm [39"]	1471mm [57 7/8"]
Large	1546mm [60 7/8"]	1579mm [62 1/8"]	1144mm [45"]	1471mm [57 7/8"]

- Platform dimensions are clear inside dimensions.
- Ramp required for floor mount
- Mast-to-wall attachment required
- [Shaftway Only] If the tie back rail (spreader bar) is to be used to attach the mast to the shaftway wall, the shaftway width dimension will increase by 38 mm [1 1/2"]



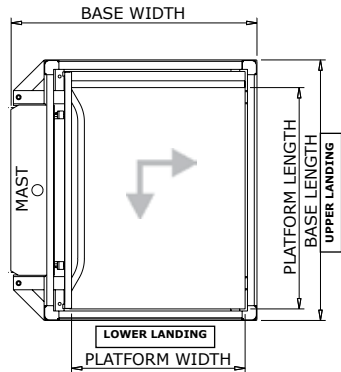
ENCLOSURE MODEL

The Genesis Enclosure model is a complete, self-contained vertical access solution. It is similar to the Shaftway Model except it includes a pre-fabricated enclosure and integrated doors or gates. The enclosure can be built full height and fitted with a Plexiglas dome for weather protection, or can be left open at the top.



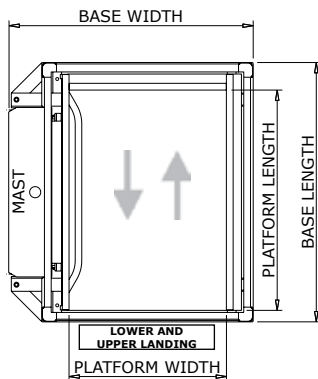
Enclosure Straight Through

Platform Size	Base Width	Base Length	Platform Width	Platform Length
Standard	1399mm [55 1/8"]	1505mm [59 1/4"]	947mm [37 1/4"]	1370mm [53 7/8"]
Mid-Size	1399mm [55 1/8"]	1656mm [65 1/8"]	947mm [37 1/4"]	1520mm [59 7/8"]
Large	1551mm [61 1/8"]	1656mm [65 1/8"]	1099mm [43 1/4"]	1520mm [59 7/8"]



Enclosure 90° Entry / Exit

Platform Size	Base Width	Base Length	Platform Width	Platform Length
Standard	1399mm [55 1/8"]	1505mm [59 1/4"]	1017mm [40"]	1295mm [51"]
Mid-Size	1399mm [55 1/8"]	1656mm [65 1/8"]	1017mm [40"]	1446mm [56 7/8"]
Large	1551mm [61 1/8"]	1656mm [65 1/8"]	1155mm [45 1/2"]	1446mm [56 7/8"]



Enclosure On/Off Same Side

Platform Size	Base Width	Base Length	Platform Width	Platform Length
Standard	1399mm [55 1/8"]	1505mm [59 1/4"]	947mm [37 1/4"]	1295mm [51"]
Mid-Size	1399mm [55 1/8"]	1656mm [65 1/8"]	947mm [37 1/4"]	1446mm [56 7/8"]
Large	1551mm [61 1/8"]	1656mm [65 1/8"]	1099mm [43 1/4"]	1446mm [56 7/8"]

*For more detailed information refer to the Genesis Design and Planning Guide



GENESIS VERTICAL LIFT

Need Design Assistance?

Call your local Garaventa Lift representative or our Design Hotline at 1.800.663.6556

TECHNICAL INFORMATION

Rated Load: Standard 750 lbs (340 kg) with a safety factor of 5

Speed: Leadscrew - 3 meters (10 ft) per minute at full load | Hydraulic - 5.2 meters (17 ft) per minute at full load

Travel Range: Leadscrew - up to 12 feet | Hydraulic - up to 14 feet

Safety Features: Garaventa doors and gates equipped with Garaventa interlocks and internal closers for doors and gates | Sturdy 16 gauge galvanized steel platform side walls 1070mm (42 1/8") | Constant pressure directional control switches and illuminated and audible emergency stop switch | Full length grab rail on platform side wall panel

Leadscrew Drive System: Motor: 2 HP (1750 RPM) | Motor Drive Type: ACME screw (1" diameter) | Mains Supply: North American Models: 120 VAC on a dedicated 20 amp circuit, International Models: 208-240 VAC on a dedicated 16 amp circuit

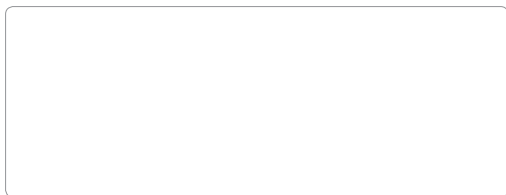
Hydraulic Drive System: Motor: 3 HP (2.2 KW) complete with auxiliary power system | Motor Drive Type: Chained Hydraulic (Dual 5/8" ANSI 50 chains) | Mains Supply: North American Models 120 VAC on a dedicated 15 amp circuit, International Models 208-240 VAC on a dedicated 16 amp circuit

Controls: Keyless Controls (No key required for call stations and platform controls) | Directional Controls - Constant pressure switches | Control Voltage: 24 VDC

Power Requirements: 120 VAC single phase | Optional 208-240 VAC single phase

Popular Options: Power Door Operators (ANSI/ BHMA A156.19 compliant) | Custom platform sizes available | Illuminated and tactile constant pressure directional buttons | Arrival gong and digital floor display | Steel or Plexiglas enclosure panels (Enclosure only) | Choice of RAL colors | Autodialer phone (ADA compliant) | Keyed operation | Custom applications (Consult Garaventa Lift) | Battery powered emergency lowering (Leadscrew drive only) | Full time battery operation *****suitable for low use applications ONLY** (Hydraulic drive) | Fan and Ventilation System with thermostatic controls - requires Continuous Mains Power (Enclosure only)

Warranty: 2 year standard warranty | Optional additional 5 year extended warranty (7 years)



Authorized Garaventa Lift Representative

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GENESIS OPAL

UNENCLOSED VERTICAL PLATFORM LIFT



The Garaventa Genesis OPAL model is a reliable, cost effective accessibility solution. This ADA compliant lift is for indoor or outdoor use, and for public or private buildings with lifting heights up to 5 feet (commercially). This lift is a short rise vertical elevating system that can be installed directly on the floor or in a pit. The OPAL consists of a platform with 1100mm (43") high side walls, an upper gate, a platform mounted lower landing gate, a drive system and easy-to-use operating controls. The platform walls and the lower platform gate travel with the platform creating a barrier around the passenger.

Note: The installation of unenclosed platform lifts for public building use varies depending on local codes and the type of application. Contact your local Garaventa Lift dealer for information regarding the use of this product in your area.

GENESIS OPAL



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TECHNICAL INFORMATION

Rated Load of 340 kg (750 lbs)

	Standard	Optional
Platform size	914mm x 1242mm (36" x 48 7/8")	Mid-Size Platform: 914mm x 1394mm (36" x 54 7/8")* Large Platform: 1100mm x 1546mm (43 1/4" x 60 7/8")*
Configuration	Straight through entry/exit	90° entry/exit
Warranty	2 years	Five additional years (*Contact Garaventa)
Accessories	Keyless operation Grabrail on platform side wall Audible Illuminated Emergency Stop/ Alarm Switch	Autodialer phone Emergency battery lowering (Leadscrew drive only) Illuminated and tactile directional buttons Power gate operator Keyed call station and platform controls Stationary loading ramp or platform mounted automatic folding ramp for installations without a pit Electrical disconnect
Drive System	Leadscrew: 2 HP motor, travel speed at 3 meters (10 ft) per minute. Hydraulic: 3 HP motor Continuous Mains Powered with an auxiliary power system. Lift travels at 5.2 meters (17 ft) per minute.	Hydraulic (full time battery operation): 3 HP 24VDC hydraulic motor lifts the platform at 5.2 meters (17 ft) per minute.

Power Requirements

Leadscrew:

(Limited to residential use in Canada)
North America: 120 VAC single phase on a dedicated 20 amp circuit
International: 208-240 VAC single phase on a dedicated 16 amp circuit

Hydraulic:

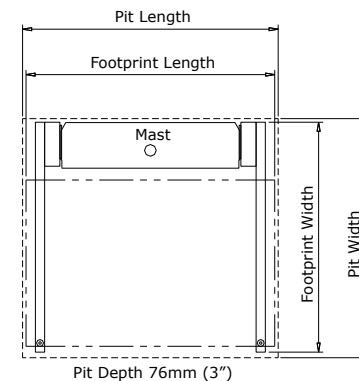
North America: 120 VAC single phase on a dedicated 15 amp circuit
International: 208-240 VAC single phase on a dedicated 15 amp circuit

Finishes:

Steel panels and framework are finished with electrostatically applied baked fine textured satin grey paint. The panels, gates and mast are framed with champagne anodized aluminum extrusions.

Footprint/ Clearance Dimensions

Straight Through Entry / Exit				
Platform Size	Footprint Width	Footprint Length	Pit Width	Pit Length
Standard	1258mm 49 1/2"	1296mm (51")	1319mm (52")	1334mm (52 1/2")
Mid-Size	1258mm 49 1/2"	1448mm (57")	1319mm (52")	1493mm (58 1/2")
Large	1445mm 56 7/8"	1600mm (63")	1508mm (59 3/8")	1645mm (64 1/2")
90° Entry / Exit				
Large	1445mm (56 7/8")	1600mm (63")	1464mm (57 5/8")	1683mm (66 1/4")



*If a pit is used, recommended depth is 76mm (3"). Pit width and length include running clearances.

Contact us today

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