



Elvoron LULA

Limited Use Limited Application Elevator

Why choose an Elvoron LULA

Benefits of LULA

- Fully automatic controls
- Two-speed sliding doors
- Choose from two smooth and reliable drive types
- Commercial grade fixtures
- Braille markings on all controls
- Audio/visual car direction indicator
- Full-height photo electric obstruction sensors
- Automatic bi-directional floor leveling



Choose convenience and style



Enlightened engineering

The Garaventa Lift LULA product range provides you with the perfect solution combining great design and functional features. It comes with two smooth and reliable drive options: geared traction machine Room-Less (MRL) drive, or traditional precision roped hydraulic drive.

Smart and cost-effective space management

With the high-quality design elements of a high-rise elevator but optimized for a commercial low-rise building, the Garaventa Lift LULA is your ideal solution for small commercial spaces and public buildings up to three stories such as professional offices, restaurants, schools, and places of worship. The LULA is a reliable option offering performance and comfort, with an elegant touch of high-tech.

Quality design and aesthetic options

Along with an amazingly smooth performance and drastic cost efficiency, it offers design and aesthetic palettes to suit any style or building décor. Select from a variety of cab styles to suit any low-rise project.

Our LULA Range

Electric LULA

With no need for a machine room, the LULA MRL is designed to minimize the space required for technical equipment, while optimizing the building space. Thanks to an easy to install geared traction and to a control panel distributed throughout the system, it offers more space and eliminates unsightly structures on building roofs.

It seamlessly integrates smooth, quiet operation, an ultra-reliable performance, and a stylish interior.

Its energy-efficient features, and efficient installation eliminates the need for hydraulic fluid and a costly oil separator in the floor drain. This makes the LULA MRL an eco-friendly choice.

Along with an amazingly smooth performance and drastic cost efficiency, it offers a design and aesthetic palette to suit any style or building décor.

Highlights

- Machine room-less design for more usable space
- Eco-friendly operating features
- Ideal for applications with more frequent trips
- Smooth and quiet operation
- Design and aesthetic palettes to suit any style

Our LULA Range

Classic LULA

The traditional hydraulic LULA is equipped with many premium features, offering a variety of advantages. This elevator is an elegant, safe, and functional choice with a comfortable start and stop thanks to a two-speed hydraulic control valve.

The hydraulic drive system ensures a smooth ride with automatic leveling, emergency manual lowering and an instantaneous emergency safety brake system.

The machine room protects the hydraulic pump unit and can be easily installed, ideally at the lowest level of the building. Thanks to the submersed hydraulic pump and motor, the LULA offers quiet and smooth operation.

An eco-friendly alternative is available by opting for biodegradable hydraulic oil.

Highlights

- Fully automatic operation
- Cost effective
- Customization available
- Smooth ride, start and stop
- 1,400 lbs capacity



Electric Drive System



- 1:1 counterweight traction with direct drive gearbox and safety gear.
- Computerized (PLC) controller has an emergency backup power system for lowering in the event of power failure.
- Drive unit provides smooth, comfortable starting and stopping.
- 6 pole/3 phase motor coupled to a 13:1 product specific gearbox ensures quiet operation.
- Sturdy 8 lbs per foot elevator guide and counterweight rail system, cab sling and guide shoes on counterweight ensure a smooth, quiet ride.
- Heavy duty cantilevered car support sling provides capacity of 1400 lbs (635 kg).
- Minimum pit depth is 17" (432 mm).
(Contact Garaventa Lift for lower pit depth options)

Specifications

Related Load	1400 lbs (635 kg)
Speed	Standard 30 fpm (0.15 m/s) nominal speed. Option 40 fpm (0.2 m/s), contact Garaventa Lift
Travel Range	Standard: 25 ft (7.6 meters). For greater travel distances, contact Garaventa Lift
Overhead Clearance	138" (3505mm), 111" (2819mm) with car top prop. Lifting Beam required.
Controls	Fully automatic push button operation. Garaventa-Design PLC Controller. Integrated self-diagnostics. Digital floor indicator in car. Automatic car lighting upon entry. Illuminated push buttons
Power Supply	Elevator: Standard 208 VAC three phase. Option 230 VAC single phase. Lighting: 110 VAC single phase.
Doors	36" x 80" (914mm x 2032mm) two-speed horizontal sliding hoistway and car doors
Safety Features	Emergency battery lowering system. Emergency manual lowering system. Bi-directional safety brake system. Automatic bi-directional floor levelling. Stop keyswitch and alarm button in car. Final limit switch. Overspeed governor. Pit prop.
Unique Standard Features	Braille markings. Car direction lantern comes with audio and visual signals. Full height photo-electric door sensors, Integrated hands free telephone.
Code Compliance	ASME A17.1/CSA B-44. Section 5.2 LU/LA Elevators. ADA (Americans with Disabilities Act)
Popular Options	Phone Monitoring. Custom car finishes. Additional handrails, Fireman service (Phase 1). Buffer springs (increases your pit depth), Keyed hoistway access. Counterweight safeties.
Warranty	2 year standard warranty. Optional additional 5 year extended warranty (7 years)

Warning about LULA Elevators:

Local code authorities may have a limit on travel, capacity, car sizes and speed. Contact your local Garaventa Lift representatives before starting your project.

Hydraulic Drive System



- 1:2 Cable hydraulic drive with automatic leveling, emergency manual lowering and instantaneous safety brake system.
- Computerized (PLC) controller has an emergency backup power system for lowering in the event of power failure.
- Two-speed hydraulic control valve provides smooth, comfortable starting and stopping.
- Submersed hydraulic pump and motor ensures quiet operation.
- Sturdy 8 lbs per foot elevator guide rail system ensures a smooth, quiet ride.
- Heavy duty cantilevered car support sling provides capacity of 1400 lbs (635 kg).
- Minimum pit depth is 14" (356 mm).

Specifications

Related Load	1400 lbs (635 kg)
Speed	Standard 30 fpm (0.15 m/s) nominal speed. Option 40 fpm (0.2 m/s), contact Garaventa Lift
Travel Range	Standard: 25 ft (7.6 meters). For greater travel distances, contact Garaventa Lift
Overhead Clearance	135" (3429mm), 108" (2743mm) with car top prop
Controls	Fully automatic push button operation. Garaventa-Design PLC Controller. Integrated self-diagnostics. Digital floor indicator in car. Automatic car lighting upon entry. Illuminated push buttons
Power Supply	Elevator: Standard 208 VAC three phase. Option 230 VAC single phase. Lighting: 110 VAC single phase.
Doors	36" x 80" (914mm x 2032mm) two-speed horizontal sliding hoistway and car doors
Safety Features	Emergency battery lowering system. Emergency manual lowering valve. Safety brake system. Automatic bi-directional floor levelling. Stop keyswitch and alarm button in car. Final limit switch. Overspeed valve. Pit Prop
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Finishes & Dimensions

Laminate Wall Finishes



Wall Trim Finishes



Car Sizes and Configurations

The Elvoron LULA is available in 5 different configurations to suit your building. Each configuration has specific car sizes. Limited custom car sizes are available - please contact Garaventa Lift.

Style 1L	Style 1R	Style 2
Car Sizes:		
48" x 54" (1220 x 1372 mm)		48" x 54" (1220 x 1372 mm)
42" x 54" (1067 x 1372 mm)		42" x 54" (1067 x 1372 mm)
42" x 60" (1067 x 1524 mm)		42" x 60" (1067 x 1524 mm)
Style 3	Style 4	
Car Sizes:		
51" x 51" (1295 x 1295 mm)	51" x 51" (1295 x 1295 mm)	

Hoistway Dimensions

Electric Drive:

	Style 1R & 1L		Style 2		Style 3		Style 4	
	mm	in	mm	in	mm	in	mm	in
Car Size – 48" x 54" (1220 x 1372)								
Hoistway Width	1905	75	1905	75				
Hoistway Length	1854	73	2070	81 1/2				
Car Size – 42" x 54" (1067 x 1372)								
Hoistway Width	1778	70	1778	70				
Hoistway Length	1854	73	2070	81 1/2				
Car Size – 42" x 60" (1067 x 1524)								
Hoistway Width	1778	70	1778	70				
Hoistway Length	2007	79	2223	87 1/2				
Car Size – 51" x 51" (1295 x 1295)								
Hoistway Width			2149	84 5/8	2149	84 5/8		
Hoistway Length			1829	72	1829	72		

Hydraulic Drive:

	Style 1R & 1L		Style 2		Style 3		Style 4	
	mm	in	mm	in	mm	in	mm	in
Car Size – 48" x 54" (1220 x 1372)								
Hoistway Width	1753	69*	1753	69*				
Hoistway Length	1854	73	2070	81 1/2				
Car Size – 42" x 54" (1067 x 1372)								
Hoistway Width	1753	69*	1753	69*				
Hoistway Length	1854	73	2070	81 1/2				
Car Size – 42" x 60" (1067 x 1524)								
Hoistway Width	1753	69*	1753	69*				
Hoistway Length	2007	79	2223	87 1/2				
Car Size – 51" x 51" (1295 x 1295)								
Hoistway Width			1975	78 3/4	1975	78 3/4		
Hoistway Length			1829	72	1829	72		

*66" (1676 mm) hoistway width may be feasible. Consult with your local Garaventa Lift Representatives.

Why Garaventa Lift

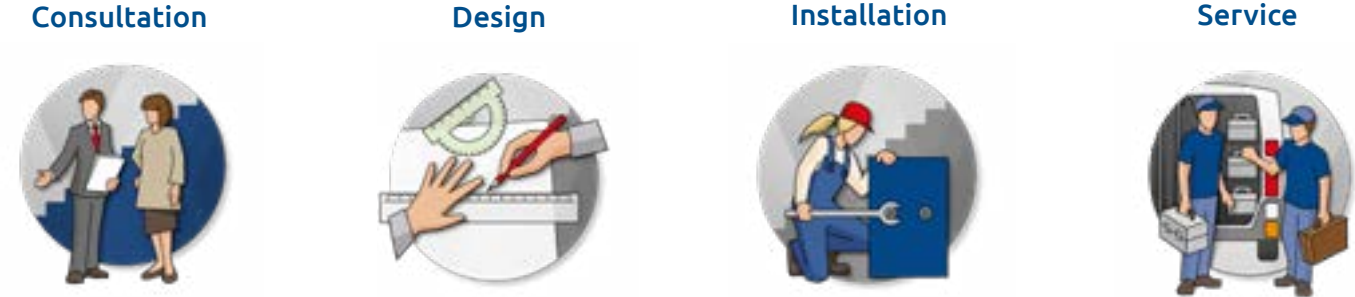


Garaventa Lift has been moving people since 1928. Our products have always stood the test of time.

We began by building ropeways in the Swiss Alps. Garaventa Lift has since become a global organization, representing reliability, safety, and innovation. For over 90 years we have been designing the best mobility solutions for people to make every move comfortable and safe.

Our secret?

Customer proximity all the way, from the choice of the LULA to after installation.



Applications





Garaventa Lift

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Authorized Garaventa Lift Representative

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