stylish
commercial
low-rise

Orion®
LU/LA elevators by
savaria®

orion

High-rise features

Appointed with quality design elements you would expect in a high-rise elevator, but built for commercial low-rise buildings, the Savaria® Orion® is well suited for limited use/limited application (LU/LA) projects.

The Savaria Orion delivers a professional appearance and comes value-packed with fully automatic operation, two-speed sliding doors and commercial-grade fixtures. Select from a variety of cab styles to suit the project, and choose from two smooth and reliable drive options: geared traction machine roomless (MRL) drive, or traditional precision hydraulic drive.

Low-rise affordability

For small commercial spaces and public buildings up to three stories – such as professional offices, restaurants, schools and places of worship – the Orion is ideal. With a pit requirement of only 14-17" and minimal overhead space needed, the lower construction costs associated with installing an Orion can add up to significant savings.

The Orion is a cost-effective solution to ADA-compliant accessibility that meets state and national codes for LU/LA elevators. It is also suitable for some residential applications where a larger cab or fire-rated automatic doors are desired – ask your dealer for details.

Orion17 cab shown with gray panels

Traditional

The Orion® traditional cab comes fitted with a fire-rated architectural white steel panel interior, or with optional raised panels in a variety of colors on a black or architectural white steel cab. Other features include attractive stainless steel handrail, call stations and car operating panel (COP) with digital floor indicators, and a white ceiling with four silver color trimmed pot lights.

Traditional cab shown with custom color panels

two drive systems

Orion® MRL geared traction drive

Requiring no machine room[1] and minimal overhead space, the Orion MRL drive is well suited for buildings where space is at a premium. It is also ideal for applications where more frequent trips are expected, providing up to 200 trips per day. The Orion MRL installs quickly and provides a smooth and stable ride with whisper-quiet operation.

The Orion MRL is also an environmentally-friendly choice. The geared traction counterweight system reduces motor effort, and therefore power consumption. No hydraulic fluid is required, eliminating the need for a costly oil separator in the floor drain.

Orion hydraulic drive

Our reliable hydraulic package has made the Savaria Orion North America's best-selling LU/LA elevator, and an industry mainstay for nearly 20 years. The high-efficiency system is compatible with the use of LEED-qualified Hydro Safe hydraulic vegetable oil.

With a flexible machine room location, the components can be located where best suited to the building. In the unlikely event of an emergency, simply pull a valve located in the machine room and the cab gently descends to the lowest landing.

[1] code may require controller in a separate machine room, consult dealer

Orion®17

Modern cab

The Orion17 modern cab is clad in fire-rated laminate overlay panels in one of three contemporary colors, framed in stainless steel. Stainless steel cab doors, fixtures and dropped ceiling add elegance while six silver pot lights and additional ambient lighting complete the look. The Orion17 modern package is available in two standard sizes for type 1 and 2 configurations.

installation by Advantage Elevator

Orion17 cab shown with gray panels

Orion®

Orion stainless cab

The Savaria Orion is also available with an all stainless steel package that includes cab doors, walls, fixtures and ceiling. This popular option is perfect for applications such as restaurants or commercial spaces where a low-maintenance, on-trend style is desired.

High gloss stainless steel wall and COP

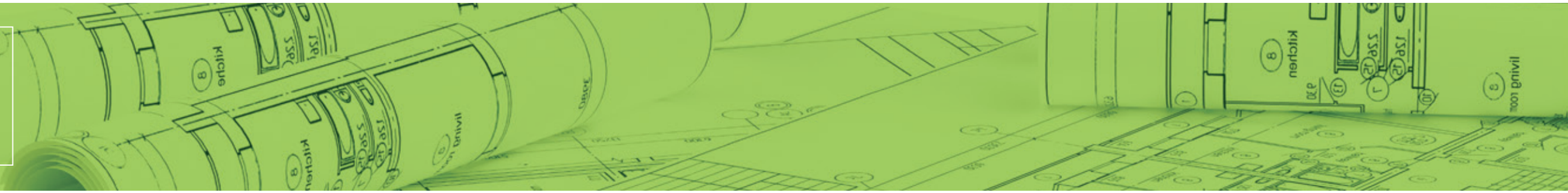
custom glass installation by Mobility South

Custom Orion®

When it comes to cab design, with the Savaria Orion you are limited only by your imagination. From high-end restaurants to designer retail, tranquil spas or even luxury residences, the Orion can be styled to reflect any project's aesthetic. Customize the elevator with glass[2], high gloss stainless steel or virtually any other finish. Custom sizes[2] are also available.

[2] code variance required, consult your local dealer

specifications



Standard specifications

- For commercial limited use/limited application (LU/LA), or residential use (where code permits[3])
- Capacity: 1400 lb (635 kg)
- Standard 2 stop operation can be increased to 6 stops[2] over a maximum of 25 ft (7620 mm); higher travel available where code permits
- Running speed: 30 ft/min (0.15 m/s)
- Commercial-grade stainless steel hall calls, COP and handrail
- Illuminated indicators for the cab operating panel and hall call stations
- Automatic cab on/off lighting
- Traditional cab design with architectural white fire-rated steel panel cab interior and ceiling
- Two-speed steel cab doors with infrared closing sensors in black, architectural white or stainless steel (upgrade on classic cab); automatic landing doors are finished with primer
- Power supply: 208 volt, three phase, 30 amps, 60 Hz; or 240 volt, single phase, 40 amps, 60 Hz
- Lighting supply: 120 Volt, 15 Amps, 60 Hz
- Pit depth of 14" (355 mm)
- Minimum overhead:

  Existing buildings
  Hydraulic: 108" (2743 mm), or 110" (2794 mm) for Orion17 cab
  MRL: 111" (2820 mm), or 113" (2870 mm) for Orion17 cab

  New build
  134" (3404 mm) per code
- 36 month limited parts warranty

Safety features

- Emergency battery back-up for floor-specific lowering and interior lighting
- Alarm button and emergency stop key
- Manual lowering
- Slack rope safety switch
- Safety brakes
- Overspeed valve (hydraulic) or overspeed governor (MRL)

Drive systems

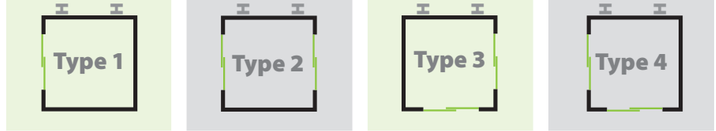
- Orion: 1:2 cable hydraulic, 5 hp submersed motor using aircraft cable, rope wedge sockets
- Orion MRL: counterweight traction, geared motor 1:1 sheave using elevator traction cables, rope wedge sockets

Optional features

- Traditional cab: fire-rated plastic laminate raised panels in a variety of colors on architectural white or black steel cab
- Full stainless steel cab (304 brushed number 4)
- Orion17 modern cab package: fire-rated laminate overlay panels in choice of color, framed in stainless steel; stainless steel cab doors and dropped ceiling
- Optional landing door finishes: architectural white, black, custom color, or stainless steel
- Brushed brass fixtures
- Hands-free phone
- Fire recall service
- Package for 2010 code and above: phone line detection, sheave guard, oil tank temperature sensor (hydraulic)

Cab sizes and configurations[3]

Cab size	Type 1	Type 2	Type 3	Type 4
TRADITIONAL CAB				
42" x 54" (1067 mm x 1372 mm)	●	●		
42" x 60" (1067 mm x 1524 mm)	●	●		
48" x 54" (1219 mm x 1372 mm)	●	●		
51" x 51" (1295 mm x 1295 mm)			●	●
ORION17 MODERN CAB				
48" x 54" (1219 mm x 1372 mm)	●	●		
42" x 60" (1067 mm x 1524 mm)	●	●		



[3] code restrictions may apply, consult your local Savaria dealer for details

Your local authorized Savaria dealer can ensure that your Orion elevator is installed to comply with local and national codes.

Savaria makes every effort to publish accurate information. Specifications and options are subject to change without notice. ©2023 Savaria Corporation.

better
mobility
for life

In business for over 30 years,
Savaria is a global leader in the accessibility industry. Savaria designs, manufactures and distributes products to help people gain mobility at home and in public spaces, and has one of the most comprehensive product portfolios on the market.

In addition to LU/LA elevators, we also offer home elevators and a complete range of accessibility equipment – such as wheelchair lifts and stairlifts – for demanding commercial environments and residential use. Our large network of authorized Savaria dealers provide expert installation and service. Call us to locate a dealer near you.

savaria

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Authorized Savaria Dealer