Experience the exceptional
Set your building apart

Whether helping busy commuters get to work or delighting people as they shop, your building should be a unique experience for anyone who steps inside. The Gen2 elevator system has the style, comfort and speed needed to ensure passengers experience your building to the fullest. With space-saving architectural features that maximize design freedom, Otis helps your building stand out.

<table>
<thead>
<tr>
<th>Description</th>
<th>Machine room-less gearless</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>150 – 500 fpm</td>
</tr>
<tr>
<td>Capacity</td>
<td>2100 – 5000 lbs</td>
</tr>
<tr>
<td>Maximum stops</td>
<td>32</td>
</tr>
<tr>
<td>Maximum travel</td>
<td>300’</td>
</tr>
</tbody>
</table>
Design without limits

Gen2 technology is sized to fit inside the wall of the top elevator landing – eliminating the need for a control room. So whether you want to impress visitors with an expansive lobby or offer tenants a larger space, Gen2 gives you the room to bring your vision to life.

COMPACT DESIGN
Gen2 technology eliminates machine room space and cost for greater architectural design freedom.

COMPACT CONTROLLER
Sized to fit inside the wall of the top elevator landing, the controller can be accessed by an attractive, concealed test panel.

MAXIMIZED SPACE SAVINGS
Flexible coated steel belts allow a smaller machine sheave, reducing machine size by 80 percent and raising efficiency up to 50 percent.
Your elevator, your style

From modern aesthetics to classic interiors, Gen2 can be tailored to fit your style. Our robust design has the ability to carry luxury aesthetic materials, allowing you to create a cab interior to match your design style. And if you’re faced with architectural challenges such as moving large loads or dimensional constraints, our team will work with you to create a design solution for your project.

ARCHITECT’S ASSISTANT
Helps you select the right elevator solution and create drawings and specifications tailored to your project.

CABCREATE™
Offers choices of finishes and materials, so you can create a memorable, individual elevator with every detail.

BIMCREATE
Creates customizable, configured 3D Revit® files for integration into overall building plans versus selecting from pre-existing files.

Access these time-saving design tools and more at www.otis.com.
A smarter way to move throughout your day

Even short moments of waiting can feel like a lifetime. Otis reimagined how to navigate seamlessly through your building. With CompassPlus destination dispatch, we put personalized technology at your passengers’ fingertips. CompassPlus creates an upscale, concierge-like experience that keeps everyone on the move.

**IMPROVED TRAFFIC**
SmartGrouping organizes people to get them to their destinations up to 50 percent faster than conventional dispatching, while making minimal stops. This system adjusts dynamically based on your building’s needs throughout the day.

**INTUITIVE DESIGN**
Our CompassCreate™ software provides an array of eye-catching screen options that intuitively navigate people throughout the building.

**SMARTPHONE ACCESS**
Call your elevator even before you get to the elevator bank with the eCall™ smartphone app.

**SECURITY**
eCall can be integrated with any third-party building security system and accommodates both external and built-in security ID readers.

**CUSTOMIZATION**
Personalize your passenger experience with custom messages – shown hourly, daily, weekly or for special occasions. And complement your building’s style with buttons, colors, fonts and imagery of your choice.
Your comfort is our focus

We sharpened our focus on speed and performance without compromising comfort. We reduced metal-on-metal contact and dampened vibrations to ensure the Gen2 ride is smooth and quiet.

**SWIFT MOVEMENT**
High-performance door operators and superior car acceleration allow passengers to enter and exit elevators more quickly.

**SMOOTH COATED STEEL BELTS**
The steel belts eliminate the noise created by the metal-on-metal contact from conventional steel ropes.

**LOW-NOISE GEARLESS MACHINE**
Mounted on isolation rubber pads, the low-noise gearless machine reduces vibration and minimizes noise in adjacent rooms.
Some of the world’s most distinguished buildings trust in Gen2 technology. Manufactured exclusively at our ISO-certified factories, the Gen2 system is the result of our most advanced thinking, global experience and deep engineering expertise. You can be sure you’re getting exceptional Otis performance day after day.

**PULSE**
The Pulse System continuously monitors the elevator’s coated steel belts to safeguard their integrity, ensuring safe, efficient operation and reduced inspection downtime.

**AUTOMATIC RESCUE OPERATION**
Battery-powered systems deliver passengers safely to the nearest floor during a power failure.

**ENHANCED SEISMIC PROTECTION**
Coated steel belts and a uniquely designed machine sheave work together to provide greater stability during seismic activity.

‘MADE IN OTIS’
From taking travelers to their next adventure to helping commuters move about their day, Otis moves billions of people to their destinations. Our facility in Florence, South Carolina, is one of our global manufacturing centers of excellence, serving customers across North America. From this state-of-the-art facility we innovate, test and improve the Otis equipment you’ll find in some of the world’s most iconic buildings.
Create a lasting experience

Whatever your sustainability goals – from designing net-zero buildings to managing your energy efficiency – Gen2 is engineered to meet your needs.

**REGEN™ DRIVE**
75%
more efficient than conventional geared systems with non-regenerative drives, while providing clean power to help run other building systems.

**LED LIGHTING**
10x
longer lifespan of Gen2 LED lighting compared to conventional fluorescent lamp.

**LUBRICATION**
ZERO
coated steel belt and machine lubrication needed, providing for a cleaner hoistway and elevator environment.

**SLEEP MODE**
75%
more efficient LED energy usage with sleep mode – lights and fans shut down when not in use and are automatically restarted with the touch of a button.
We’re with you from concept to completion

Creating a unique experience for tenants and customers takes a lot of thought, planning and coordination. Thankfully you don’t have to do it alone. For over 160 years, we’ve helped customers all around the world reach new heights while helping billions of passengers arrive at their destinations every day. So from detailed project planning to ongoing service, we’re here to help you every step of the way.

**PROJECT DESIGN**
We consider architectural solutions, traffic analysis, product specifications and value engineering to help craft and deliver on your vision.

**SPECIALIZED INSTALLATION PLANNING**
Our team helps at every step of the installation process, from coordinating contractors to monitoring specialized safety reviews to delivering a smooth handover when the project is complete.
A commitment to exceptional service

We know what it takes to keep people moving safely and smoothly. Our founders were dedicated to delivering extraordinary service, and today we’re continuing that promise with personalized and imaginative ways to meet our customers’ every need.

Benefit from the industry’s leading service offering, featuring 24/7 dedicated customer support through OTISLINE®, more intuitive access to information with the eService customer portal and our personal commitment to always put your needs first.

WE EARN YOUR TRUST — EVERY DAY
Our mechanics see your building as their own. With a global team of more than 30,000, we work around the clock to keep your equipment operating like new. The result is truly personalized service that ensures we build your trust over the lifetime of your equipment.

TURNING DATA INTO ACTION
As one of the first elevator companies to use big data and predictive analytics to improve performance, we’re experts at getting the most out of emerging technology. Our digital ecosystem uses the “internet of things” and mobility tools to predict and diagnose issues before they occur. All this to stay ahead of your needs and to deliver a personalized passenger experience.
**Underslung systems**

### Passenger

<table>
<thead>
<tr>
<th>Speed (fpm)</th>
<th>150</th>
<th>200</th>
<th>350</th>
</tr>
</thead>
<tbody>
<tr>
<td>(24 in)</td>
<td>(32 in)</td>
<td>(51 in)</td>
<td></td>
</tr>
</tbody>
</table>

### Service

<table>
<thead>
<tr>
<th>Speed (fpm)</th>
<th>150</th>
<th>200</th>
<th>350</th>
</tr>
</thead>
<tbody>
<tr>
<td>(24 in)</td>
<td>(32 in)</td>
<td>(51 in)</td>
<td></td>
</tr>
</tbody>
</table>

**Rated duty**

- 2100 lbs (953 kg)
- 2500 lbs (1134 kg)
- 3000 lbs (1361 kg)
- 3500 lbs (1588 kg)
- 4000 lbs (1814 kg)
- 4500 lbs (2041 kg)
- 5000 lbs (2268 kg)
- 5500 lbs (2507 kg)
- 6000 lbs (2747 kg)
- 6500 lbs (2986 kg)

**Hoistway depth for front & rear openings**

- 9'-10 1/2 (2972 mm) 3
  - 7'-9 (2362 mm) 3
  - 9'-11 (2972 mm) 3

**Clear overhead to hoist beam**

- 7'-5 1/2 (2273 mm) 3
  - 7'-6 (2286 mm) 4
  - 7'-7 1/2 (2299 mm) 4

**Clear car depth for front & rear openings**

- 9'-10 1/2 (2972 mm) 3
  - 7'-9 (2362 mm) 3
  - 9'-11 (2972 mm) 3

**Clear cab height for front & rear openings**

- 14'-7 (4445 mm) 5
  - 14'-8 (4471 mm) 5
  - 15'-7 (4750 mm) 5

**Hoistway depth for front & rear openings**

- 6'-0 (1829 mm) 5
  - 6'-1 (1839 mm) 5
  - 6'-2 (1850 mm) 5

**Control closet**

- Hoistway depth x 3'-10" (1198 mm)

**Control room**

- Hoistway depth x 5'-9" (1780 mm)

**Control room-duplex**

- Hoistway depth x 7'-7" (2273 mm)

**Hoisting beam**

- 5'-0 3/4 (1665 mm) 6
  - 5'-5 3/4 (1680 mm) 6
  - 5'-10 3/4 (1780 mm) 6

**Hoistway depth for front & rear openings**

- 7'-6 (2286 mm) 7
  - 7'-9 1/2 (2373 mm) 7

**Clear cab height**

- 12'-10 (3710 mm) 8

**Door type**

- Two-Speed

**Clear overhead to hoist beam**

- 6'-0 (1829 mm) 9

**Clear car depth for front & rear openings**

- 8'-0 (2438 mm) 10

**Hoistway depth for front & rear openings**

- 6'-0 (1829 mm) 11

**Minimum pit depth**

- 4'-0 (1219 mm) 12

**K**

**Optional control closet or room**

- Control closet
- Hoistway depth x 3'-10" (1198 mm)
- Control room
- Hoistway depth x 5'-9" (1780 mm)
- Control room-duplex
- Hoistway depth x 7'-7" (2273 mm)

**IMPORTANT**

To assist in your planning, we recommend that you call your Otis representative at the beginning of the project.

1. Clear car dimensions may vary depending on interior finishes.
2. 4000f/s and service elevators 8350 fpm require different dimensions.
3. Clear cab height varies by ceiling type and floor recess.
4. Allow a minimum of 4" (102 mm) between top of safety beam and top of hoistway.
5. For seismic areas, multi-car groups, or pre 2008 ASME A17.1 Safety Code for Elevators, please contact your Otis representative for clear overhead dimensions.
6. Contact your Otis sales representative for details.
7. Please consult your local Otis representative for details.
8. A pit ladder pocket may be required. Please contact your Otis sales representative for details.
9. Hoistway widths for rises above 80'-0" (2438 mm) should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm). To allow for tolerances, 80'-0" (2438 mm) hoistway width should be increased by 5'-0" (1524 mm).
Overslugged systems

### Passenger

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<thead>
<tr>
<th>Rated duty</th>
<th>2500 lbs (1134 kg)</th>
<th>3000 lbs (1361 kg)</th>
<th>3500 lbs (1588 kg)</th>
<th>4000 lbs (1814 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Clear car width</td>
<td>4'-5 1/2&quot; (1342 mm)</td>
<td>5'-0&quot; (1524 mm)</td>
<td>5'-5&quot; (1651 mm)</td>
<td></td>
</tr>
<tr>
<td>B Clear car depth for front openings</td>
<td>8'-0&quot; (2438 mm)</td>
<td>9'-0&quot; (2744 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Clear car depth for front &amp; rear openings</td>
<td>8'-0&quot; (2438 mm)</td>
<td>9'-0&quot; (2744 mm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Door width       | 3'-5 1/4" (1070 mm) | 4'-0" (1219 mm)    |                    |                   |
| Door type        | Center Opening or Single Slide | Center Opening |                    |                   |
| Door height      | No limit            | 9'-0" (2745 mm)    |                    |                   |
| Hoistway single width non-seismic | 8'-4" (2539 mm) | 9'-0" (2745 mm)    |                    |                   |
| Hoistway single width seismic | 8'-8" (2641 mm) | 9'-2" (2791 mm)    |                    |                   |
| Hoistway double width non-seismic | 10'-0" (3048 mm) | 15'-0" (4572 mm)   |                    |                   |
| Hoistway double width seismic | 10'-4" (3149 mm) | 15'-4" (4675 mm)   |                    |                   |

| E Hoistway depth for front openings | 6'-2 1/2" (1893 mm) | 7'-0" (2134 mm)    | 7'-8 1/2" (2346 mm) |                   |
| F Hoistway depth for front & rear openings | 6'-2 1/2" (1893 mm) | 7'-0" (2134 mm)    | 7'-8 1/2" (2346 mm) |                   |

### Service

<table>
<thead>
<tr>
<th>Rated duty</th>
<th>4000 lbs (1814 kg)</th>
<th>4500 lbs (2041 kg)</th>
<th>5000 lbs (2268 kg)</th>
<th>5000 lbs AGA (2268 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Clear car width</td>
<td>5'-8 1/2&quot; (1737 mm)</td>
<td>5'-11&quot; (1753 mm)</td>
<td>5'-8 1/2&quot; (1737 mm)</td>
<td>5'-11&quot; (1753 mm)</td>
</tr>
<tr>
<td>B Clear car depth for front openings</td>
<td>7'-5&quot; (2259 mm)</td>
<td>7'-11&quot; (2213 mm)</td>
<td>8'-0&quot; (2438 mm)</td>
<td>9'-0&quot; (2744 mm)</td>
</tr>
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<td>C Clear car depth for front &amp; rear openings</td>
<td>7'-5&quot; (2259 mm)</td>
<td>7'-11&quot; (2213 mm)</td>
<td>8'-0&quot; (2438 mm)</td>
<td>9'-0&quot; (2744 mm)</td>
</tr>
</tbody>
</table>

| Door width       | 4'-0" (1219 mm)    | 4'-5" (1371 mm)    |                    |                   |
| Door type        | Two-Speed           |                    |                    |                   |
| Door height      | No limit            | 9'-0" (2745 mm)    |                    |                   |
| Hoistway single width non-seismic | 8'-2" (2489 mm) | 8'-2" (2489 mm)    |                    |                   |
| Hoistway single width seismic | 8'-8" (2641 mm) | 8'-8" (2641 mm)    |                    |                   |
| Hoistway double width non-seismic | 16'-8" (5080 mm) | 17'-2" (5184 mm)   |                    |                   |
| Hoistway double width seismic | 16'-8" (5080 mm) | 17'-2" (5184 mm)   |                    |                   |

| E Hoistway depth for front openings | 9'-0" (2745 mm) | 9'-5" (2869 mm)    | 10'-1" (3072 mm)   | 10'-6 1/2" (3165 mm) |
| F Hoistway depth for front & rear openings | 9'-10 1/2" (2903 mm) | 10'-4 1/2" (3159 mm) | 10'-11 1/2" (3192 mm) | 11'-5" (3483 mm) |

### Technical Details

- **Max stops:** 28
- **Speed (fpm):** 200, 350, 400, 450, 500

### Control closet or room

- **Control closet:** Hoistway depth x 3'-10" (1168 mm)
- **Control room:** Hoistway depth x 5'-0" (1524 mm)
- **Control room–duo:** Hoistway depth x 6'-6" (1981 mm)

### IMPORTANT:

To assist in your planning, we recommend that you call your Otis representative at the beginning of the project.

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1. Clear cab dimensions may vary depending on interior finishes.
2. Clear cab height varies by ceiling type.
3. Please consult your local Otis representative regarding multi-car groups or smaller dimensions.
4. For seismic areas, multi-car groups, or pre 2008 ASME A17.1 Safety Code for Elevators, please contact your Otis representative for clear overhead dimensions.
5. Overhead machine rooms are also available. Please contact your Otis representative.
As the largest office development in Arizona history, Marina Heights offers amenities for tenants of the building as well as the surrounding community.

The LEED Silver building covers an area of approximately 20 acres and includes five office towers of varying heights, three to four retail areas and two below-grade parking garage levels holding 8,600 parking spaces.

Challenges inherent to the project, such as the need to carry out construction while people were working and operating within the space, as well as the customer’s compressed timeline, required a savvy approach to construction.

As the key vertical transportation partner, Otis helped the development team meet the project need on time and on budget.

Credit: Davis Architecture, Interiors and Urban Design
Our elevators and escalators blend convenience, style and performance to deliver a new passenger experience that adds value to any residential, commercial, hospitality, medical or industrial building.

**OUR FAMILY OF ELEVATORS AND ESCALATORS**

**HYDROFIT**
We designed our machine room-less, holeless hydraulic elevator to save you plenty of valuable floor space. The result is a design that sets your creative vision free, helps your construction teams and inspires your passengers.

**SKYRISE®**
Our most advanced high-rise elevator yet. We’ve taken everything we know and pushed it further, combining cutting-edge science and precision engineering to deliver the solutions you need.

**SKYBUILD**
Complete your building faster with our SkyBuild elevator. Years of high-rise experience and innovative engineering come together in our high-speed, self-climbing construction elevator.

**ESCALATORS & MOVING WALKS**
Ultimately safe, incredibly reliable and designed to smoothly integrate with your building, our escalators and moving walks are engineered to be whisper quiet and smooth.
Otis Elevator Company is the world’s leading manufacturer and maintainer of people-moving products including elevators, escalators and moving walkways. With headquarters in Farmington, Connecticut, Otis employs 68,000 people globally. Founded 165 years ago by the inventor of the safety elevator, Otis offers products and services in approximately 200 countries and territories and maintains two million elevators and escalators worldwide. Otis is a unit of United Technologies Corp., a diversified company providing high technology products and services to the building and aerospace industries. For more information, visit www.otis.com or follow Otis on LinkedIn, YouTube and as @OtisElevatorCo on Twitter, Facebook and Instagram.