

NEW EQUIPMENT

New Standard for living

Gen2 Prime

OTIS



Safety that offers peace of mind

Wherever you look, whatever the setting, people are in motion. And our goal is for passengers to move and be moved — to enjoy an exceptional experience that supports their daily routines.



AUTOMATIC DOORS FOR MORE SAFETY

Automatic doors allow for contactless entry into the elevator, allowing you to do more. It also ensures better safety and maximum use of space.



AUTOMATIC RESCUE OPERATION

Battery powered systems deliver passengers safely to the nearest floor during a power failure.



FLAT BELT WITH PULSE MONITORING

The flat belt replaces traditional steel ropes, allowing it to be constantly monitored for integrity with the help of the Pulse Monitor system. This makes the elevator efficient and reduces inspection downtime.



REALIABLE SAFETY FOR EVERY SITUATION

A screen of infrared beams on the doors reopens them immediately when an obstacle breaks the screen. Additionally, if the elevator stops between floors, the doors cannot be opened from the inside preventing unauthorized and unsafe passenger rescue.



UP TO 10 STOPS



320 – 630 KG



4–8 PASSENGERS



1 M/S

GEN2 PRIME MAIN TECHNICAL SPECIFICATIONS

Machine roomless	Yes
Motor type	Gearless with permanent magnets
Energy regeneration	Regen drive comes standard
Traction system	Flat polyurethane-coated steel belts (2:1 roping)
Energy savings / standby mode	Standard
LED lighting	Standard



Puristic design for better experience

The Gen2 Prime allows with its simplified cab decorations to focus on the most important: mobility. Thanks to its concept Gen2 Prime brings all benefits from our wide range of high class elevators to social living and offers uncompromising comfort with maximum reliability

+ SIMPLIFIED DESIGN

Choose between different surfaces and colours to personalize the cab. The materials are high quality and ensure a design that will be remembered.

+ INTUITIVE OPERATION

Thanks to the fixtures and indicators you will always know where the cab is and how to call it. We also offer solutions for disabled persons in case of need.

+ FIXED CAR DIMENSIONS


Our shaft installation offers a variety of car types and allows you to adapt the elevator to your building's needs. By choosing the desired number of passengers the car dimensions will be adjusted right to your requirements.

+ MINIMUM SPACE NEEDED


With thousands of installed elevators every year we know about the issue with space in new but also existing buildings. Thanks to its concept Gen2 Prime only needs minimal dimensions for the hoistway installation.




CAR PANELS



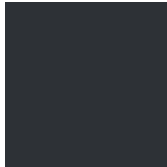
Prepainted




Brushed Stainless Steel



Electrozinc



Dark Grey



Natural Silver

CEILING



Electro



Steel



White

HALL POSITION INDICATOR





HALL FIXTURES



OTIS



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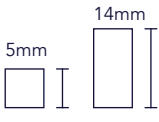


O2000 (Button only)

FLOORING



Deep Black



Recess Options



Exploring mobility from the next level

There are many ways to start a new journey. With your first step into our elevator system you are welcomed to a new era of mobility and transportation. Having in mind the different needs and requirements of today’s buildings around the world we are meeting your expectations and allow a very own personalization of your car.



TRF DOOR PORTAL (TOTAL FRAME)

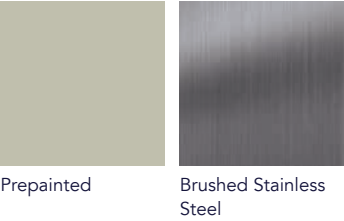
The elimination of the visible frame makes this solution particularly elegant and timeless. The elevator can thus blend in even better with the surrounding building.



NF DOOR PORTAL (NO FRAME)

With these flexible, telescopic landing door portals, the shaft front wall can be closed quickly and cost-effectively.

PORTALS FOR PRIMAP



Prepainted
Brushed Stainless Steel

PORTALS FOR R2



RAL 7038
Stainless Steel A443

PrimaP & R2



The PrimaP doors stand for proven reliability thanks to its build quality and precise door mechanisms. The latest, regulated DC drives ensure smooth and reliable door operation.

R2 doors are seamless solutions that highlight your elevator and its environment. Thanks to the design and the missing frame the door opening interacts perfectly with the building’s design and allows outstanding scenes.

DOOR FACADES



Prepainted
Brushed Stainless Steel
Electrozinc
Dark Grey
Natural Silver

TECHNICAL SPECIFICATIONS

Specification	PrimaP	R2
Door opening	Side opening door (TLD)	Central opening door (CLD)
Installation	On the floor / in the shaft	On the floor / in the shaft
Door leaves	2	2
Opening width	700 / 800 / 900 mm	700 / 800 / 900 mm
Opening height	2000 mm	2000 mm
Fire resistance class	E120	NO
Door frames (portals)	MRF100 / MRF150 / TRF	NF

USE



Apartment buildings
Office buildings



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 lamps.



LUBRICATION

ZERO

Lubrication needed with coated steel belt and machine, providing for a cleaner hoistway and elevator environment.



LOW-VOLTAGE ARCHITECTURE

50%

less energy consumed when employing standby mode — which also helps protect mechanics during maintenance.



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.



LONGER LIFESPAN

3x

longer lifespan of the belts compared to conventional steel ropes. Together with zero lubrication this makes Gen2 to the most reliant technology ever used by Otis.

*All shown figures are dependent on the existing equipment and may vary due to technical regulations or construction requirements in countries.

Leading-edge technology comes standard

+ COMFORT AND SILENCE

Flexible belts make Otis machine up to 80 % smaller and up to 50 % more efficient than conventional geared machines.

+ PERFORMANCE

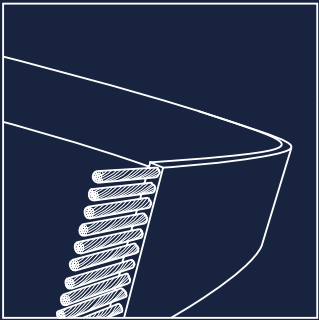
Our patented coated steel belts allow a smooth and quiet ride like never before. No metal-on-metal contacts reduce building vibration and unwanted noises.

+ SAFETY AND RELIABILITY

Pulse from Otis provides 24x7 analysis of the belts to identify wear and repair needs proactively, meaning less inspection downtime and more safety and efficiency.

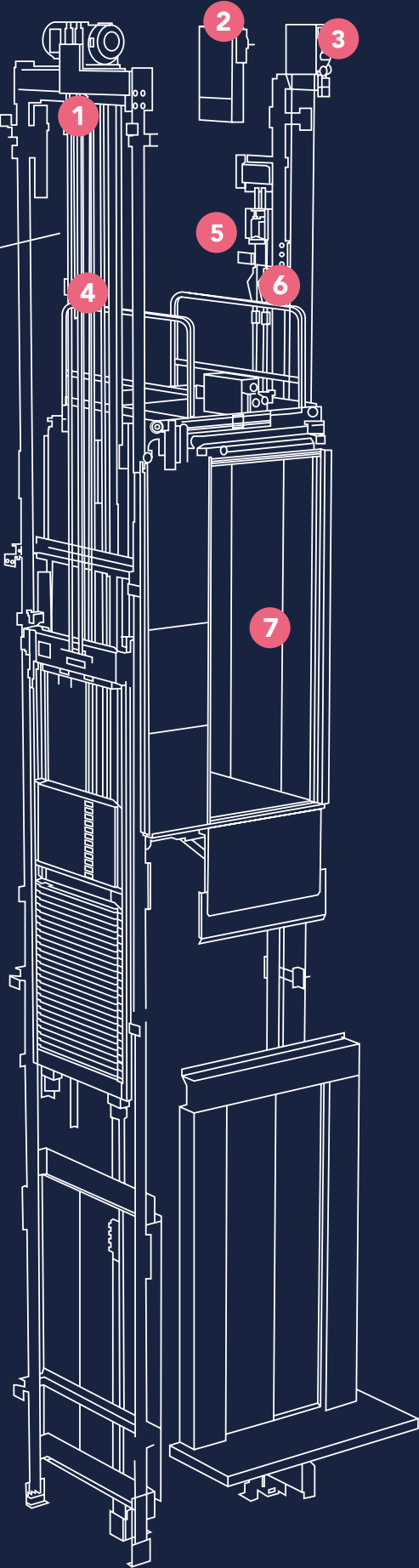
+ MONITORING

REM™ (Remote Elevator Monitoring) accumulates real-time information and supports to accurately identify and correct most issues quickly. This optional, internet-based system can take the guesswork out of repairs and can significantly reduce service interruptions.



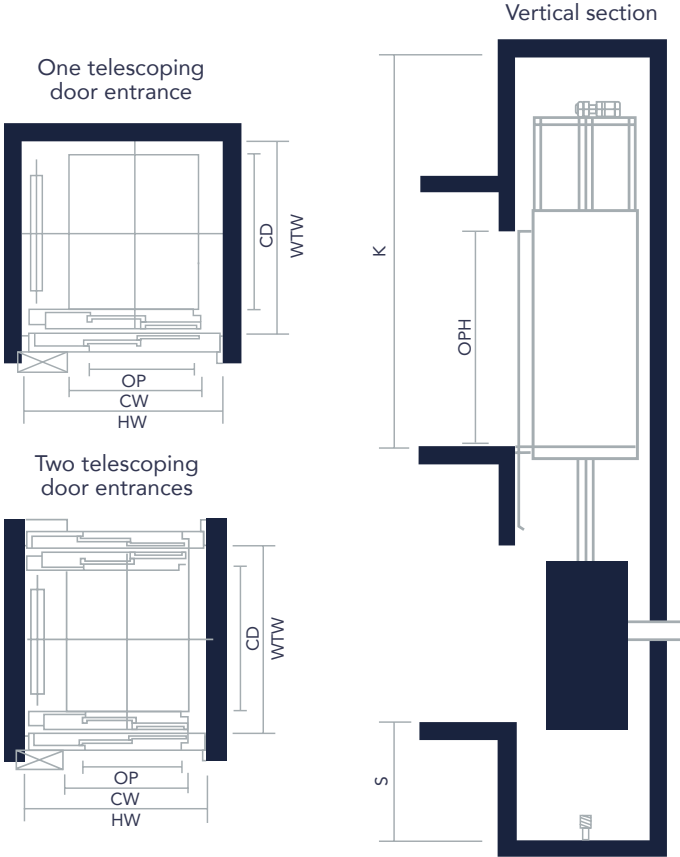
Patented Otis Gen2 belts replace conventional ropes

- 1 MACHINE ROOMLESS**
All equipment in the hoistway
- 2 GEARLESS MACHINE**
up to 50 % smaller / more efficient
- 3 BELTS**
up to 20% lighter than ropes, lubricant free and up to 3 times longer lifetime
- 4 PULSE**
24/7 belts monitoring
- 5 REGEN DRIVE**
Up to 75 % more efficient than non-regenerative drives
- 6 LED LIGHTING**
Up to 80 % savings when combined with standby features
- 7 STANDBY MODE**
Up to 50% savings on Gen2 elevator standby power



*depending on building and hoistway

Technical specifications



Duty Load (Kg)			320 kg	400 kg	450 kg	480 kg	525 kg	630 kg
Passenger capacity			4	5	6	6	7	8
Speed (in m/s)			1					
Car dimension (mm)	Width (CW)		840		1000			1100
	Depth (CD)		1050	1200	1250	1300	1350	1400
	Height (CH)		OPH + 200					
Door dimension (mm)	Opening height (OPH)		TLD / CLD					
	Opening width (OP)		700		800 / 900			
Hoistway dimension (mm)	Width (HW)		1350		1480 (TLD) OP800: 1460 MIN. OP900: 1600 MIN.	1550 / 1650		1570 (TLD 800) / 1600 (TLD 900)
	Depth (WTW)	1 entrance	1300	1450	1500	1550	1600	1650
		2 entrances	1400	1550	1610 OP800/900: 1600	1650	1700	1760
Standard overhead			3400					
Standard pit			1000					
Top of car balustrade (mm)*			900 or 1100 depending on configurations - Possible impact on K dimension					
Maximum number of stops			10					
Maximum rise (m)			30					
Cars in group			1					
Car entrances			1 or 2 (opposite)					
Frequency (Hz)			50 to 60					

A TRUSTED GLOBAL PARTNER

SALES SERVICES
For every project, you have a dedicated sales representative taking care of your project. Our team will be here to answer your questions from the start of your project until final hand-off.

FIELD SERVICES
Every project is unique. That's why you'll have a single field contact at Otis throughout the entirety of your project. They will help with coordination to make your project faster and more efficient.

A COMMITMENT TO EXCEPTIONAL SERVICE

OTIS GENUINE PARTS
Our national service parts center is supported by the world-wide Otis supply chain and stocks a comprehensive range of thoroughly tested genuine spare parts.

CUSTOMER SUPPORT
Service comes first with OTISLINE® – our 24 hour call center – a network of over 80 service locations, covering more than 300 cities and towns. We pride ourselves in providing 24/7 dedicated customer support and prompt professional service.



Otis gives people freedom to connect and thrive in a taller, faster, smarter world. The global leader in the manufacture, installation and servicing of elevators and escalators, we move 2 billion people a day and maintain more than 2 million customer units worldwide – the industry's largest Service portfolio. You'll find us in the world's most iconic structures, as well as residential and commercial buildings, transportation hubs and everywhere people are on the move. Headquartered in Connecticut, USA, Otis is 69,000 people strong, including 40,000 field professionals, all committed to meeting the diverse needs of our customers and passengers in more than 200 countries and territories. To learn more, visit www.otis.com and follow us on LinkedIn, Instagram, Facebook and Twitter @OtisElevatorCo.