

GEN2 HOME PLATFORM LIFT

# A dream home

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**OTIS**



# Comfort

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The Gen2 Home is the ideal platform lift for any type of single family home or building with moderate traffic, in new construction projects and the renovation of existing buildings.

A platform lift in symbiosis with the environment but adapted to the needs of the building and minimal space requirements.

Single family homes  
Schools  
Residential homes  
Small hotels & businesses

# A value proposition



## SUSTAINABILITY

The first platform lift for buildings with low traffic that incorporates the Gen2 traction system patented by Otis and replaces traditional steel ropes with flexible steel belts coated in polyurethane.

The compact machine, with a weight of 53 kg, is housed in the hoistway which means a machine room is no longer necessary, thus offering considerable construction savings.

Its exclusive technology provides energy savings of up to 70% compared with hydraulic lifts.



## GLOBAL SERVICE

Otis offers you a complete Service, providing advice right from the start of the project: preliminary study, installation, legal information, auxiliary works, final completion of the work, startup of the platform lift and maintenance of the equipment.

The specific maintenance program created by Otis for this platform lift guarantees top performance. Where necessary, and in unforeseeable situations, Otis has a 24-hour telephone service for breakdowns. We also offer an optional, exclusive Elite Service which allows possible malfunctions to be detected before they occur and resolved using online monitoring.



## SAFETY

The flat belts are 20% lighter and last up to 3 times longer than conventional wire ropes.

For your peace of mind, as an option, the Gen2 Home is equipped with an independent power system that, in case of a sudden cut, can make up to 10 trips without connection to the grid.



## COMFORT

The Gen2 Home provides an exceptionally smooth, quiet ride thanks to the polyurethane-coated steel belts that eliminate metal to metal noise.

The smooth startup and deceleration as well as the outstanding stopping accuracy, provided by the variable frequency drive, make the Gen2 Home the perfect platform lift for the home.





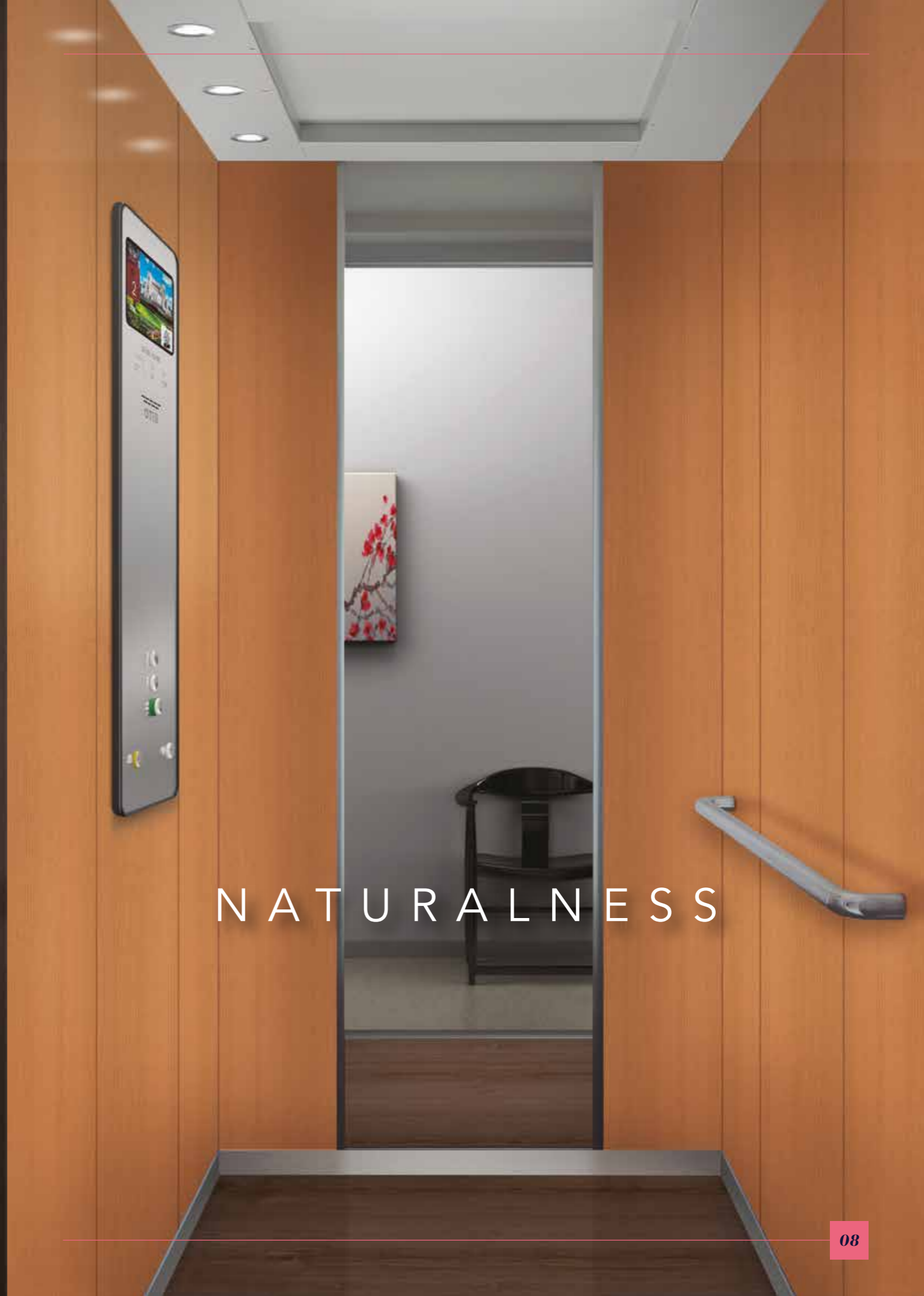
H A R M O N Y



C H A R M



DISTINCTION



NATURALNESS

**FIXTURES & INDICATORS**

Choose between surface mounted devices or partially embedded (flat or flush). The main difference lies in the thickness. Nevertheless, the surface mounted versions allow for a faster, easier installation.



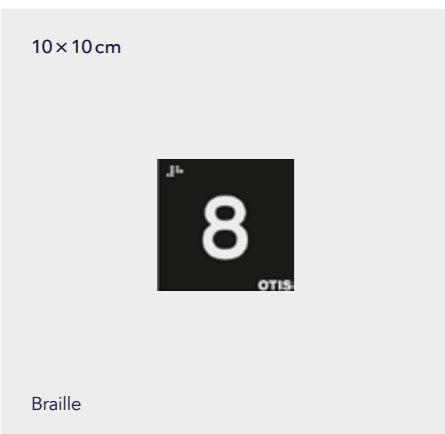
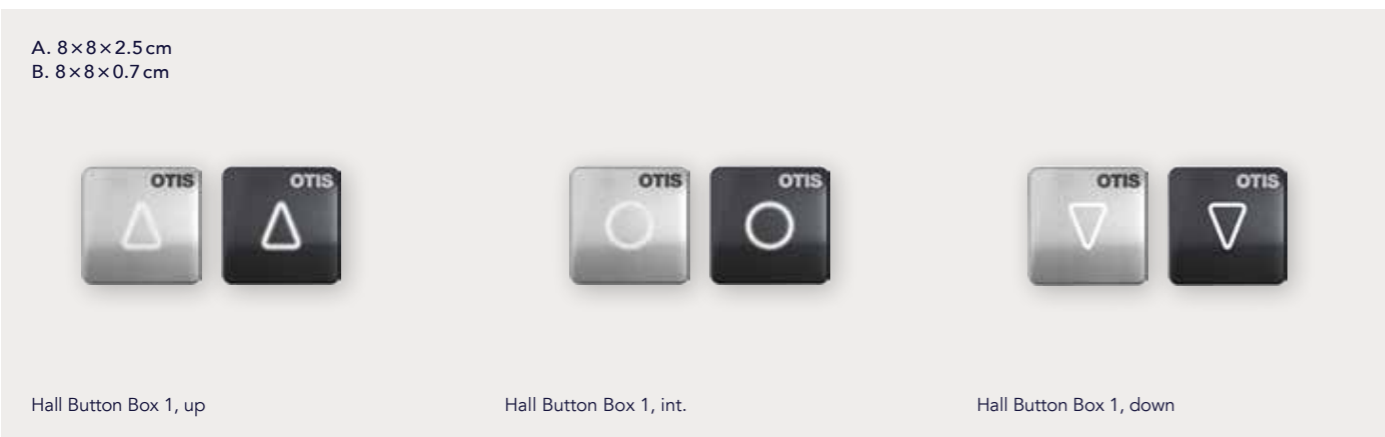
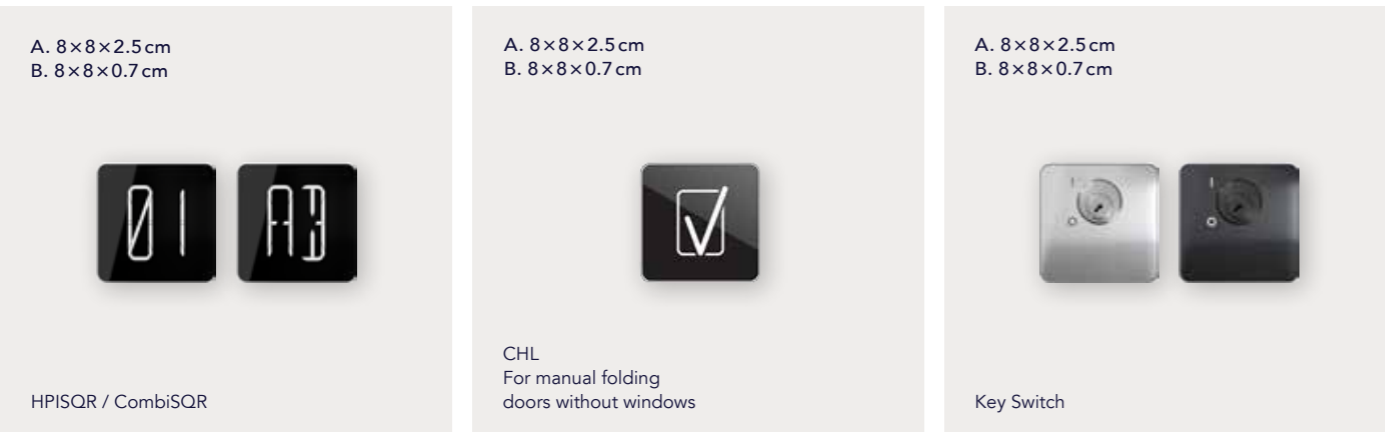
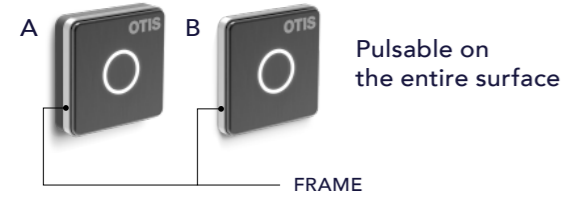
**reddot winner 2021**

The Otis square button boxes were awarded with the reddot design award 2021.

- A. FLAT
- B. FLUSH

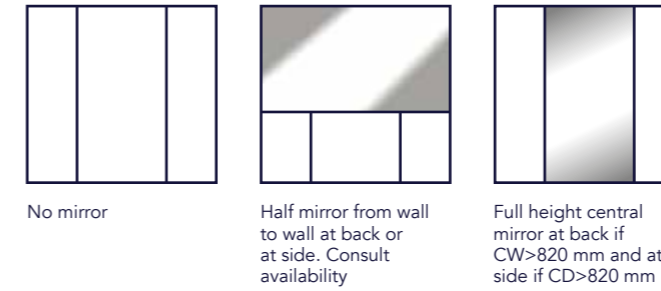
The fixtures and indicators offer the possibility of combining the frame in the following colours:

- Frame colour:
- Silver
  - Black
  - Gold



- A. Flat, surface mounted without needing box for embedding, thickness 25 mm (2.5 cm).
- B. Flush, partially embedded in a mechanism box. Protrudes only 7 mm (0.7 cm).

**MIRRORS**

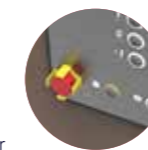


**CAR OPERATING PANELS**



Mirror/brushed black      Stainless Steel

- Buttons finish: Chrome or black and brushed or mirror
- Key switch option
- Button pressed, illuminated in white
- Stop button without car door



**POSITION INDICATOR INSIDE CAR**

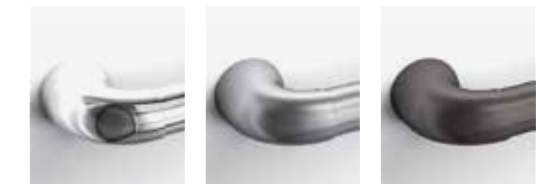


The car operating panel may not have either the position indicator screen or eView

**eVIEW (OPTIONAL)**



**HANDRAILS**

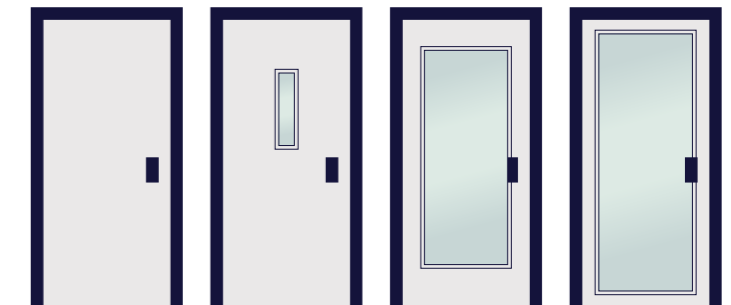


Rounded Bar and Support finish, mirror chrome      Rounded Bar and Support finish, brushed chrome      Rounded Bar and Support finish, mirror & brushed chrome black

**KICKPLATE**

- Brushed chrome aluminium
- Black aluminium
- PVC grey

**MANUAL FOLDING DOORS ON LANDING**



No window      Window\*      Panoramic\*      Maxi-Panoramic\*

\* With clear, smoked or reflective glass

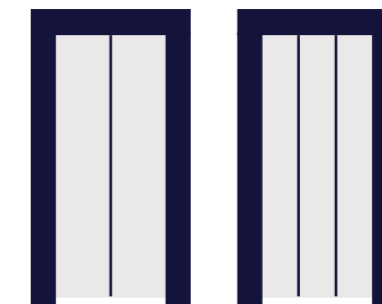
**AUTOMATIC BUS TYPE CAR DOORS**



No window      Window\*      Panoramic\*      Maxi-Panoramic\*

\* With clear or smoked glass

**AUTOMATIC DOORS**



2 Panels      3 Panels

Consult our technical department about available door colours as well as possible measurements of the frames

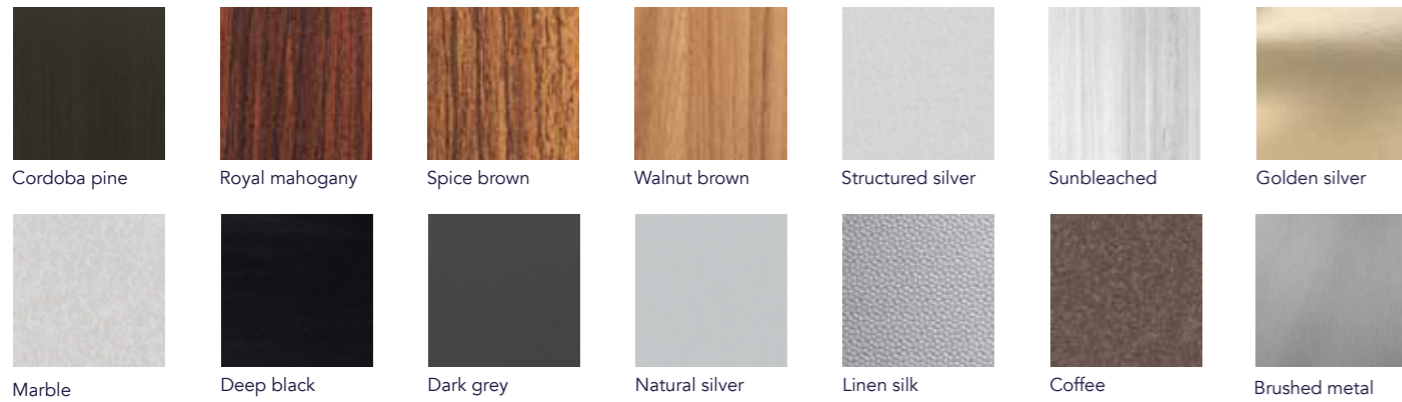
**CEILING**



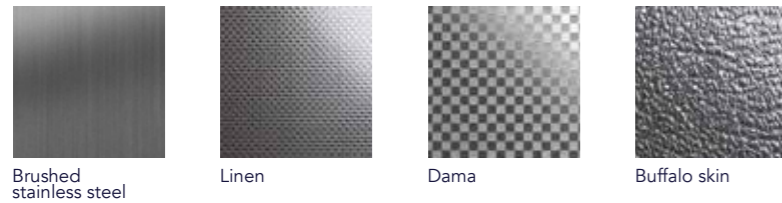
Stainless Steel      White

# Materials for every ambience

## SKINPLATE PANELS



## STAINLESS STEEL PANELS



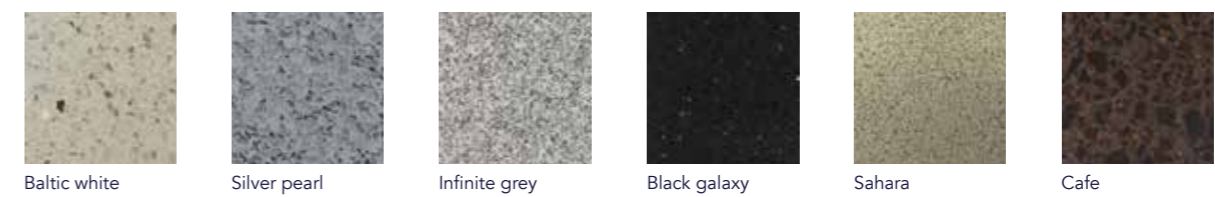
## RUBBER FLOORINGS



## LAMINATED PANELS



## STONE FLOORINGS



# Gen2 Home specifications

## SPEED

- 0,15 m/s.

## LOAD CAPACITY

- From 250 to 385 kg.

	Width (CW) x Depth (CD)
1 Person +1 Wheelchair or 3 persons	1100 x 1400 ≥ Dimensions ≥ 900 x 1400
1 Wheelchair or 2/3 persons	900 x 1400 > Dimensions ≥ 800 x 1250
2/3 persons	Dimensions < 800 x 1250

## ENTRANCES

- With one entrance or two entrances at 90° and 180°.
- Maximum rise of 6 stops, 15 metres.

## TRACTION

- Compact traction machine using flat belts.

## MINIMUM PIT

- Pit of 100 mm for vinyl floorings.
- Pit of 120 mm for granite floorings.

## CLEARANCE

- Minimum overhead clearance 2500 mm. In case of automatic telescopic door with 3 panels 2600 mm.

## CONTROLLER

- Silent.
- Located in the door column on the top floor.
- It can be moved up to 15 m.
- Measurements:  
330 mm wide x 95 mm deep x 2100 mm high.
- Available in different finishes.

## HOISTWAY OPTIONS

- Traditional hoistways with masonry or concrete and also steel and glass structures.
- Possibility for installing inside or outside the building.

## TYPES OF DOORS

- Car door entrance in stainless steel.
- Manual folding landing doors, no window, with window, panoramic or maxi panoramic, all of them with the possibility of bus type car doors or without car doors. (Consult other colours).
- Automatic, telescopic landing doors and car doors with 2 or 3 panels.

## DOOR OPENING MEASUREMENTS

- Manual folding doors on landing ... From 600 to 900 (OP)
- Bus type car doors ..... From 600 to 900 (OP)
- Doors with 2 panels ..... From 700 to 900 (OP)
- Doors with 3 panels ..... From 600 to 900 (OP)

## REGULATIONS AND STANDARDS

- Machinery Directive 2006/42/EC
- RD 1644/2008
- Standard ISO 25745 Class A

## BASIC CONFIGURATION

- In the event of an electrical power cut, the EAR device (Automatic Rescue System) moves the car to a landing thus avoiding the possibility of trapped passengers.
- Stop button in the car operating panel panel (only without car door).
- External communication system.
- Access protection. In the absence of car doors, an invisible screen of infrared beams acts as a safety net.
- Automatic car lighting shut down. When the platform lift is not in use, after a certain period of time the car lighting switches off and remains off until it is put into operation again.

## OPTIONAL CONFIGURATION

- With automatic car doors (not for BUS type doors), curtain of infrared beams.
- Light in corridor automatically switches on.
- Position indicator on landing.
- Hoistway lighting.
- Panoramic car.
- In case of a sudden power cut, the Gen2 Home has an independent power system that can make up to 10 trips without connection to the grid.
- The car is equipped with a communication system that:
  - Operates through videoconference and allows contact with OtisLine, where the passenger can see the person they are talking to.
  - Acts as a position and direction indicator.
  - Allows messages that appear on the screen to be customized.
  - Monitors the elevator 24 hours a day.
- Decorative exterior car finish for glass hoistways

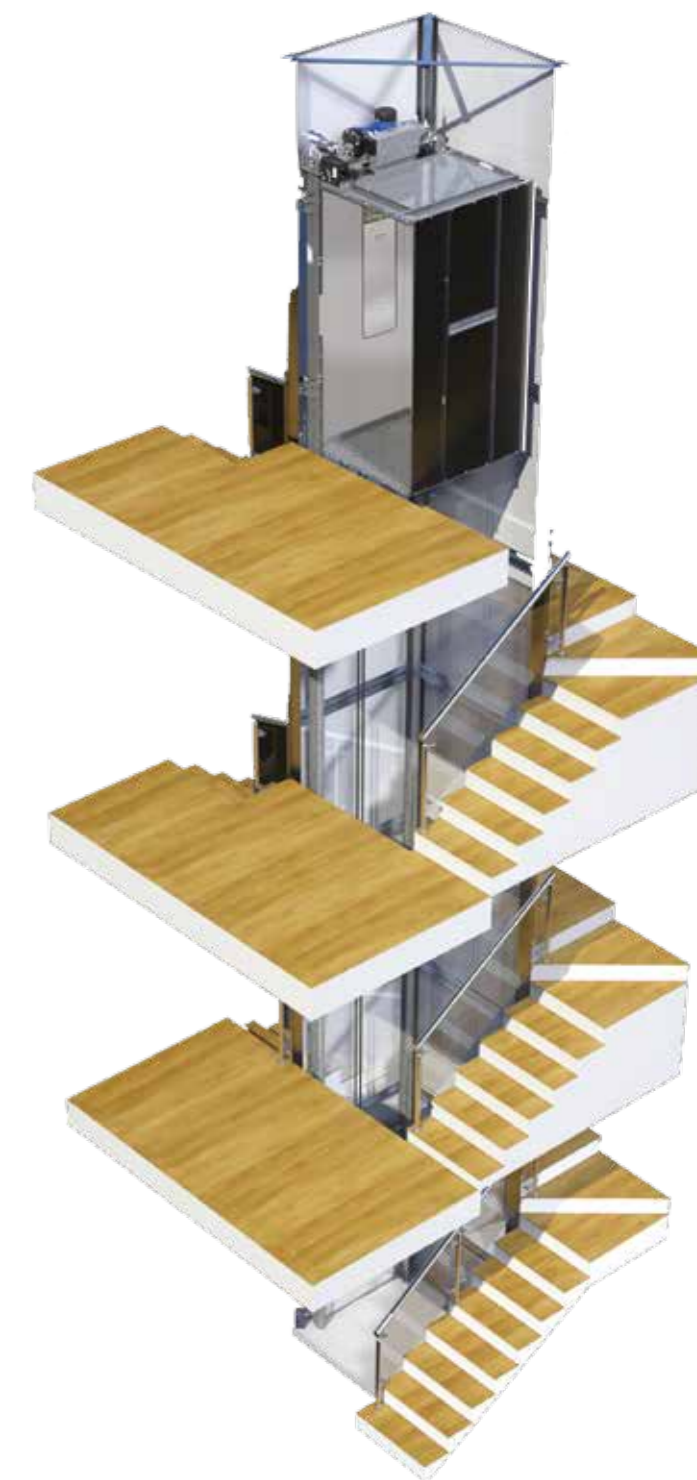
*\*Consult about available colours*

## CAR DIMENSIONS (MM)

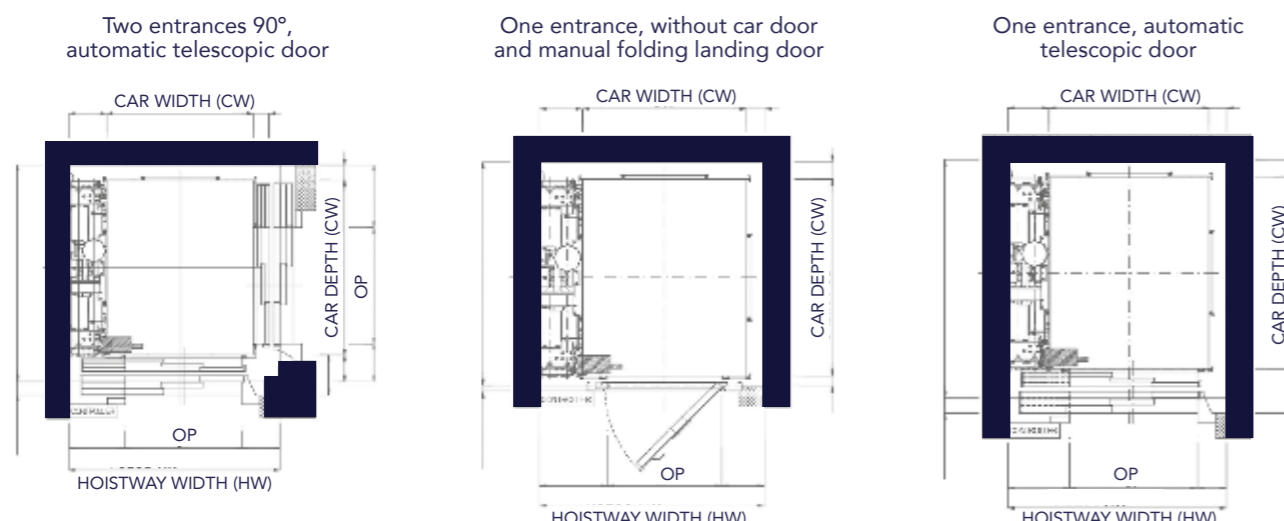
Dimensions	Millimeters	
Width (CW)	Minimum	630
	Maximum	1200
Depth (CD)	Minimum	780
	Maximum	1400
Height (Car)	2100	
Height (Door)	2000	

- Maximum car dimensions, 1100 x 1400  
(Consult possibility of other dimensions)

OPERATES WITH SINGLE PHASE 230 V CURRENT



LOW PIT 100 mm



Consult different options of types of doors.



— 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](http://www.otis.com) and follow us on LinkedIn, Instagram, Facebook and Twitter @OtisElevatorCo.

# OTIS

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