

GEN2® LIFE

# Routine made exceptional

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**OTIS**



# Set your building apart

Whether helping busy citizens get to work or getting people back home, your building should be a unique experience for anyone who steps inside. The Gen2<sup>®</sup> 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.

## OVERVIEW

Configuration	Available in MR & MRL	
Duty load	8 - 15 P	8 - 15 P
Maximum speed	1.5 m/s	1.75 m/s
Maximum stops	20	32
Maximum rise	63 m	96 m

Suited for residential and commercial applications



# 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.



## COMFORT

Our systems minimize noise and vibration and render the elevator's movement barely perceptible, giving passengers what they're looking for—a quiet, comfortable ride. The elevator's sleek modern design enhances the experience while complimenting your building's interior.



## SMOOTH LANDINGS

The gearless machine, sophisticated load weighing and closed-loop variable frequency drive ensure that the Gen2 Life delivers outstanding speed, acceleration monitoring and stopping accuracy within  $\pm 3$  mm at every landing.



## SMOOTH DECELERATION

The Gen2 Life product is offered with an option for smooth deceleration in the event of power outages to enhance passenger comfort.



# Reliable, as expected

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.



## **AUTOMATIC RESCUE OPERATION**

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



## **SAFETY SYSTEMS**

The Gen2 Life system uses a screen of infrared beams to reopen the doors immediately when an obstacle breaks the screen. If the cab stops between floors, the doors cannot be opened from the inside, preventing unauthorized and unsafe passenger rescue.



## **PULSE**

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





# 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.

# 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.



**AN INDUSTRY BENCHMARK**

Otis is committed to ensuring optimal equipment performance for the lifetime of the elevator. Our innovative technologies let Otis engineers precisely identify or anticipate possible issues. And when our skilled mechanics arrive at customer sites, they are prepared to make repairs quickly and efficiently.



**OTIS GENUINE PARTS**

Our national service parts center is supported by the worldwide Otis supply chain and stocks a comprehensive range of thoroughly tested genuine spare parts.



**CUSTOMER SUPPORT**

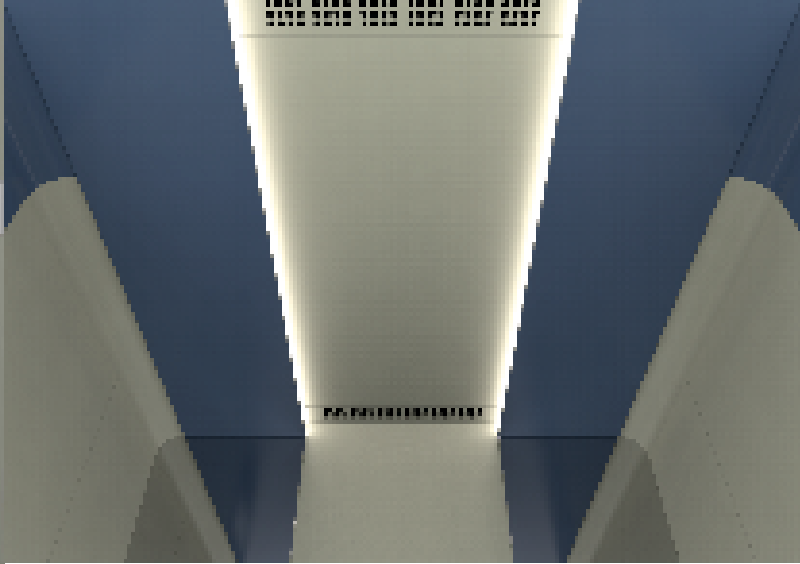
Service comes first with OTISLINE® - our 24-hour call center - and a network of over 80 service locations, covering more than 300 cities and towns. We pride ourselves in providing 24/7 dedicated customer support and prompt professional service.



Tame Teal  
with skyblue



Green with  
lime green



Ceiling

Back Panel



Tame teal with lime green



HALL OPERATING PANELS

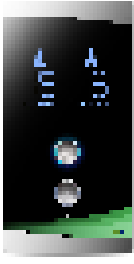
Intermediate



Terminal



Duplex HOP - intermediate



Duplex HOP - terminal



Hall Lantern (Vertical)



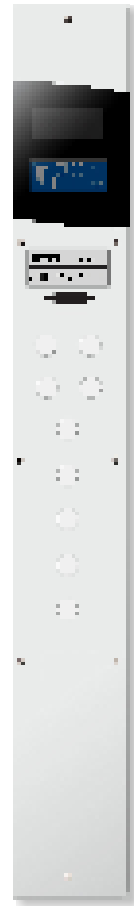
Fireman Switch



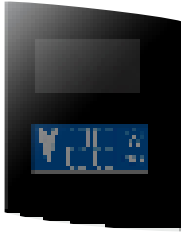
Emergency Alarm Switch



CAR OPERATING PANEL



Car Position Indicator

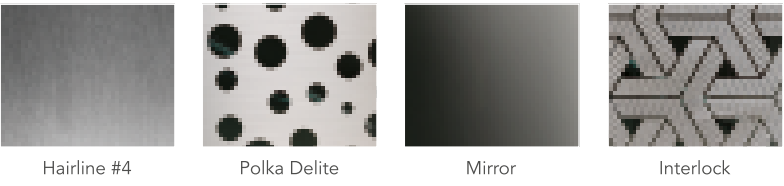


Fixtures shown are representative. Actual design may vary according to elevator cab size.

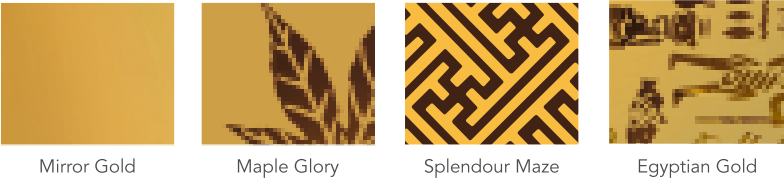


Metallic Finishes

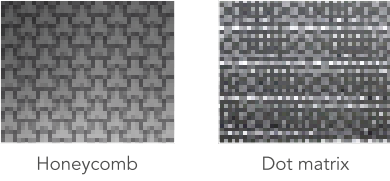
STAINLESS STEEL



GOLD FINISHES



VANDAL PROOF



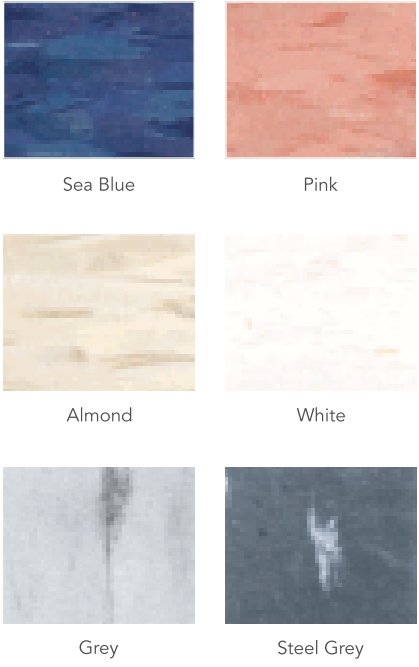
Powder Painted Finishes

STANDARD  
Base Colours



ADVANCED  
Textured Colours

FLOORING

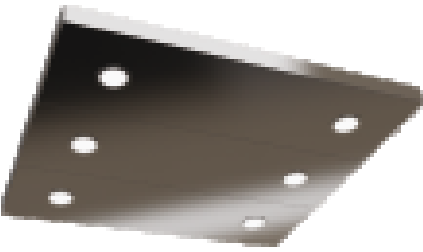


Colours and finishes shown are indicative. Please allow for minor variations.

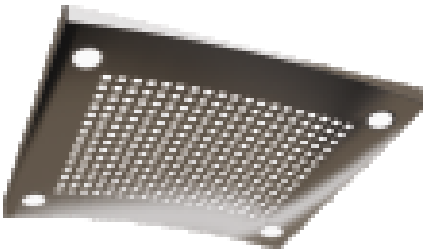
Fixtures

CEILING

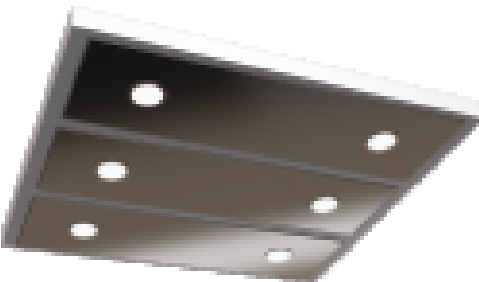
Available in powder painted, stainless steel hairline and stainless steel mirror finishes.



CD-41 (Base)



CD-42 (Option)

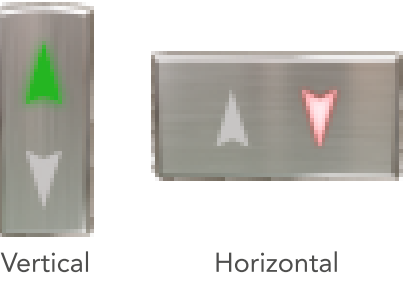


CD-35 (Option)

HANDRAILS



HALL LANTERNS



HALL OPERATING PANELS

Two different display options. Pan type monochrome HOP as base



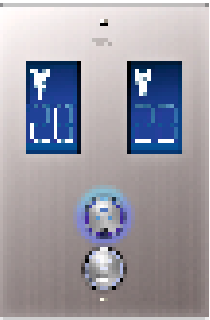
Pan



Flat

Monochrome    Colour LCD

Flat duplex with colour LCD



CAR OPERATING PANELS

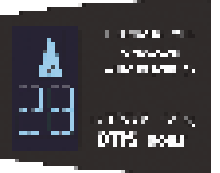
Two different display options.



CAR POSITION INDICATOR



TFT-LCD Display  
(Base)

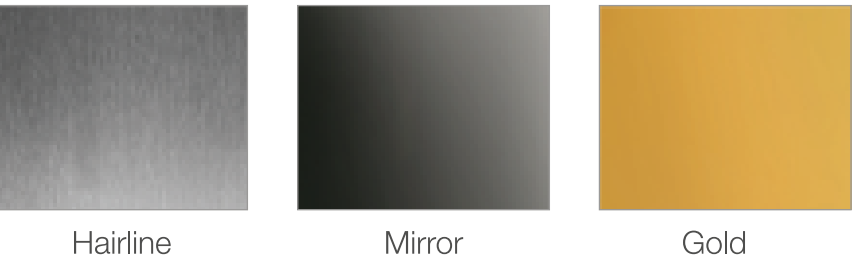


TFT-LCD Display  
(Option)



LCD Display  
(Color LCD - Option)

All fixtures are available in stainless steel hairline, stainless steel mirror and stainless steel gold. However, pan hall fixtures are not available in stainless steel gold.



Hairline    Mirror    Gold

Fixtures shown are representative. Actual design may vary according to elevator cab size.



Standard features

Parameter	Feature details	Parameter	Feature details
ACCB	Audible car call button for 1.75	ECU	Emergency car light
ADO	Advance door opening (1.5 mps > 45m rise, 1.75 mps-all rises)	EFS/GSW	Emergency fireman service/grounding switch
ALARB	Alarm button and acoustic alarm device	ERO	Electrical recall operation
ANS-C	Anti-nuisance car call	ESB	Emergency stop switch
ARD-1	Automatic return destination (Home landing)	FAN	Forced car ventilation with auto fan cut-off
ARO	Automatic rescue operation (Battery Operated)	FCO	Full collective operation
BID	Belt inspection device for coated steel belt	HAD	Hoistway access detection
BSM	Basement service	HDI	Hall direction indicator (In hall button box)
CDD	Car door detector (Infra-red curtain)	HPI	Monochrome LCD hall position indicator (All floors)
CHCS	Cut-off hall call switch	HTTL	Hall tell tale light
CPI	Monochrome LCD position indicator in car	ISC	Independent service (Start with constant pressure on car button)
CTTL	Car tell tale lights (Call registration illumination)	LED	Car light ( Automatic on/off)
DCB	Door close button	LNS-C	Load non-stop device (In car)
DOB	Door open button	LW	Load weighting device
DTP	Door time protection	MRO	Manual rescue operation
DXT	Extra door time (Lobby and parking)	NGD	Door nudging
DZI	Door zone indicator	RELEV	Relevelling feature (1.5 mps > 45m rise, 1.75 mps-all rises)

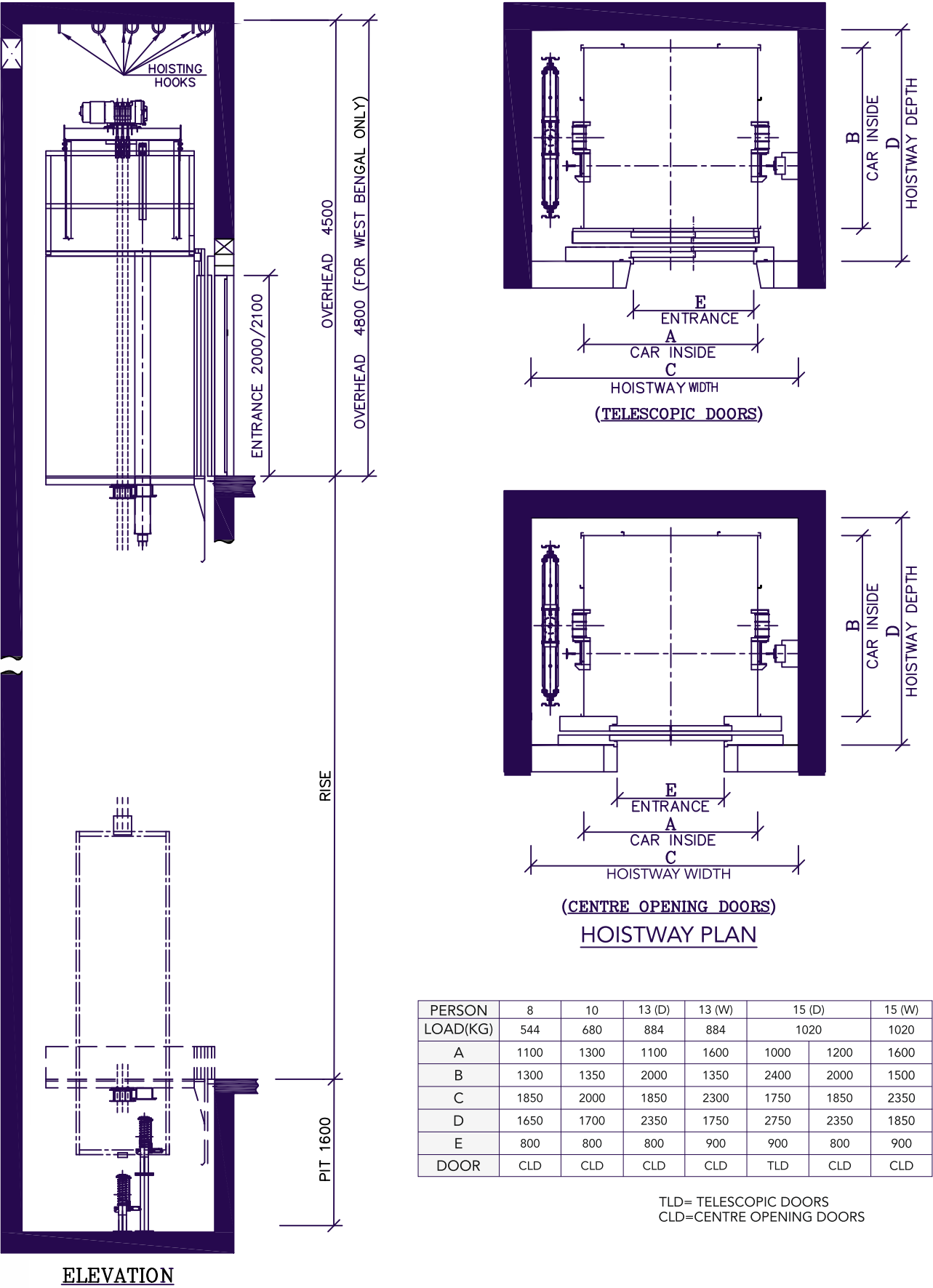
Optional features

Parameter	Feature details	Parameter	Feature details
ACCB	Audible car call button for 1.5	EPO	Emergency power operation
ATT	Attendant operation	GC4	Car group operation
BIO	Provision for Biometric access	HL	Hall lantern
CCM	Chime in car	ICU	Intercommunication car - lobby - machine room
CCTV	Closed circuit TV cable	PKS	Parking key switch
CPI	Color LCD display position indicator in car	RGC	Rear glass car
CRO	Provision for car reader access	SAO	Security access
DCO	Down collective operation	SD	Smooth deceleration
EFO	Emergency fireman operation	SSM	Speech synthesis module

Duty load (in Kgs)			544	680	884	884	1020	1020		
Passenger capacity			8P	10P	13P (Deep)	13P (Wide)	15P (Deep)	15P (Wide)		
Speed (in m/s)			**1.5 / 1.75							
Car dimensions	Width (CW) ... (in mm)		1100	1300	1100	1600	1000	1200	1600	
	Depth (CD) ... (in mm)		1300	1350	2000	1350	2400	2000	1500	
	Height (CH) ... (in mm)		2200/2300							2300/2400
Door dimensions	Opening height (OPH) ... (in mm)		2000/2100							
	Opening width (in mm)	Telescopic (TLD)	–	–	–	–	900	–	–	–
		Center (CLD)	800	800	800	900	–	800	900	1000*
Number of entrances in car			Only same side opening							
Cars in group			Up to 4-car group (max.)							
Aesthetics (car, car door & landing doors)			Standard: Painted finish; Optional: Hairline finish, SS mirror, SS Etched finish, Aura & Atmos							
Power 3 phases + neutral (in volts)			400/415V(+/-10%)							
Frequency (in Hz)			50Hz(+/-5%)							

\*1000 mm door opening only for MR - 15 P. For MRL on request  
\*\* 1.5mps serves upto 20 stops, and a maximum rise of 63m. 1.75mps serves upto 32 stops, and a maximum rise of 96m.

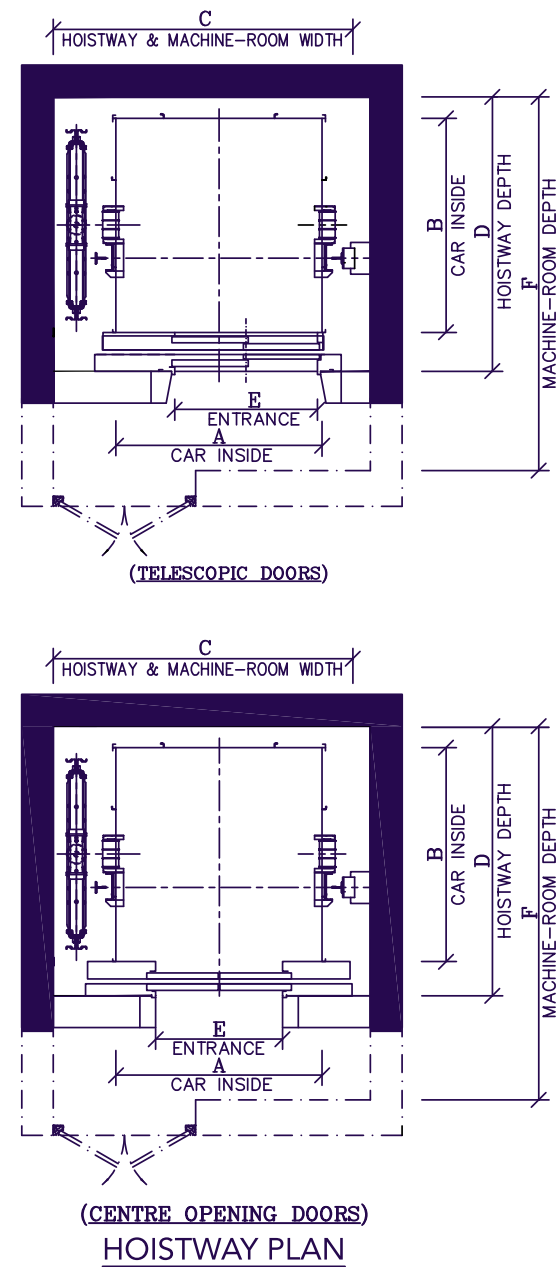
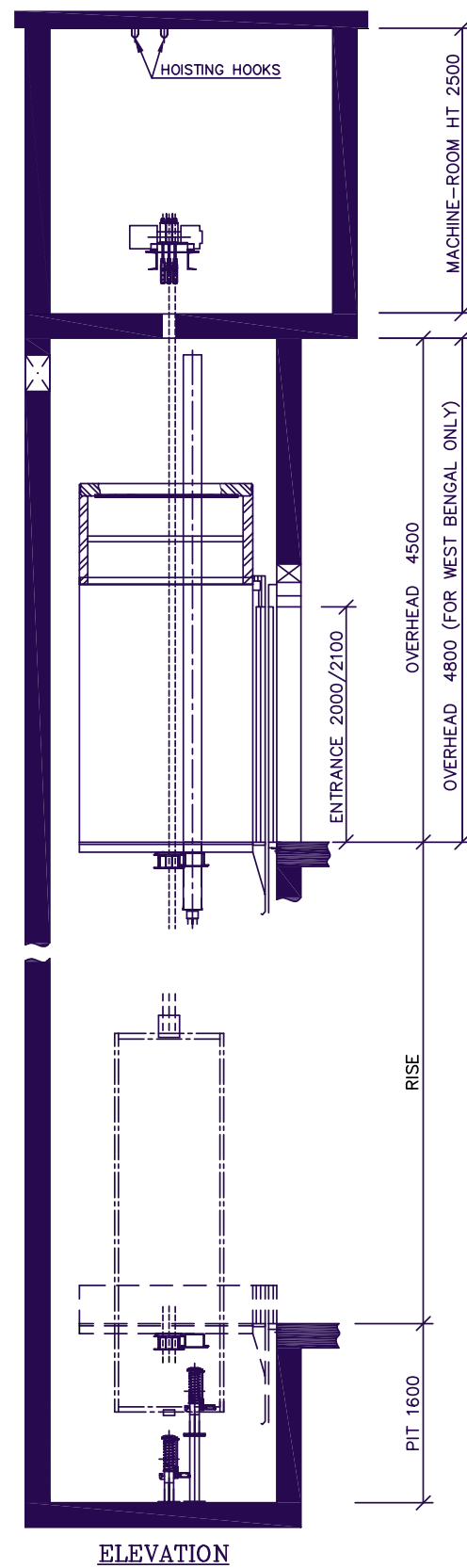
GEARLESS: (MACHINE ROOMLESS): SPEED 1.50/1.75mps



REFER OTIS DETAILED DRAWING FOR ADDITIONAL INFORMATION

ALL DIMENSIONS ARE IN mm.

**GEARLESS: (WITH MACHINE ROOM): SPEED 1.50/1.75mps**



PERSON	8	10	13 (D)	13 (W)	15 (D)		15 (W)	
LOAD(KG)	544	680	884	884	1020		1020	
A	1100	1300	1100	1600	1000	1200	1600	1600
B	1300	1350	2000	1350	2400	2000	1500	1500
C	1850	2000	1850	2250	1750	1850	2250	2350
D	1650	1700	2350	1700	2750	2350	1850	1875
E	800	800	800	900	900	800	900	1000
F	2150	2200	2850	2200	3250	2850	2350	2375
DOOR	CLD	CLD	CLD	CLD	TLD	CLD	CLD	CLD

TLD= TELESCOPIC DOORS  
CLD=CENTRE OPENING DOORS

## Notes

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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](http://www.otis.com) or follow Otis on LinkedIn, YouTube and as @OtisElevatorCo on Twitter, Facebook and Instagram.

## OFFICES:

Head Office & Western Region  
(Mumbai Operations):  
Otis Elevator Company (India) Ltd.,  
9th Floor, Magnus Tower,  
MindSPACE, Link Road,  
Malad (West), Mumbai - 400 064.  
Tel.: 022 - 2844 9700 / 6679 5151,

Eastern Region:  
Bengal Intelligent Park,  
Building-Delta, 4th floor,  
Block EP & GP, Sector V, Salt Lake  
Electronics Complex,  
Kolkata - 700091.  
Tel.: 033 - 40524343 / 40524300 /  
40524301

Northern Region:  
271 & 272, Aggarwal Cyber Plaza-II,  
C-7, Netaji Subash Place,  
Pitampura, New Delhi - 110034.  
Tel.: 011 - 46069000 / 46069211 /  
46069100

Southern Region:  
Otis House, MK Towers,  
# 27, Langford Road, Shanti Nagar,  
Bangalore - 560025.  
Tel.: 080 - 2211 1190, 40314500

Western Region - Area Operations:  
1st Floor, Amar Synergy Building,  
Next to Vijay Sales & Sadhu Vaswani  
Chowk, Near Pune Railway Station,  
Pune - 411001.  
Tel.: 020 - 67045100

## MANUFACTURING:

Bengaluru:  
No.92, Kiadb Industrial Estate,  
Phase II, Jigani Industrial Area,  
Anekal Taluk, Bangalore - 560105.  
Tel.: 080 - 782 5401 / 5402 / 5403

## SERVICE CENTRES:

Western Region:  
Mumbai, Navi Mumbai,  
Thane, Nashik.

Eastern Region:  
Agartala, Angul, Bhubaneswar,  
Bokaro, Dhanbad, Durgapur,  
Guwahati, Jamshedpur,  
Jhadsuguda, Kahalagaon, Kolkata,  
Patna, Ranchi, Shillong, Siliguri.

Northern Region:  
Agra, Aligarh, Allahabad, Amritsar,  
Bareilly, Chandigarh, Dehradun,  
Ghaziabad, Gurgaon, Gwalior,  
Haridwar, Jalandhar, Jaipur, Jodhpur,  
Jammu, Kanpur, Kota, Ludhiana,  
Lucknow, Meerut, Moradabad,  
New Delhi, Noida, Rohtak, Shimla,  
Shaktinagar, Sonbhadra, Srinagar,  
Udaipur, Varanasi.

Southern Region:  
Bengaluru, Calicut, Chennai,  
Coimbatore, Ernakulam, Erode,  
Hubli, Hyderabad, Kaiga, Kottayam,  
Madurai, Mangalore, Mysore,  
Ootakamund, Pondicherry,  
Quilon, Ramagundam, Salem,  
Thiruvananthapuram, Thirunelveli,  
Trichy, Trichur, Vellore, Vijaywada,  
Vishakapatnam.

Western Region - Area Operations:  
Ahmedabad, Ankleshwar,  
Aurangabad, Bhopal, Goa, Indore,  
Jabalpur, Kolhapur, Korba, Nagpur,  
Pune, Rajkot, Raipur, Solapur, Surat,  
Vadodara, Valsad.