

GEN2<sup>®</sup> PRIME

# Protecting what is important to you

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OTIS



# Experience the world-class safety, comfort and reliability of Gen2<sup>®</sup>

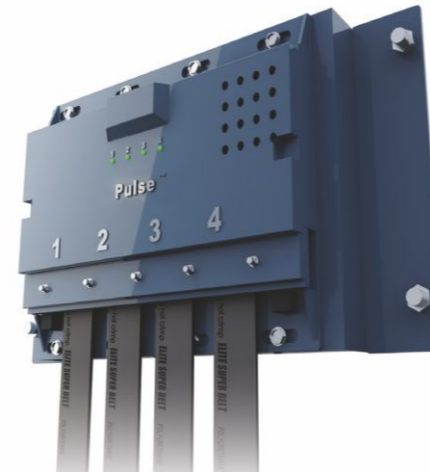
Whether it is people heading to work, the elderly strolling in their neighbourhood or the kids running to the playground – you want an elevator that will be a pleasant experience for all. The revolutionary Gen2<sup>®</sup> Prime is everything you need in an elevator - safety, comfort and reliability to ensure your building occupants have an exceptionally peaceful ride.

## GEN2<sup>®</sup> PRIME OVERVIEW

Passenger capacity	5 & 6
Speed	0.7 meter per second
Maximum stops	6
Maximum rise	20 meter
Application	Machine room-less
Control system	Full collective (Standard)

## SMART ENGINEERING

The Gen2<sup>®</sup> Prime consists of components designed to offer outstanding performance and best-in-class energy efficiency.

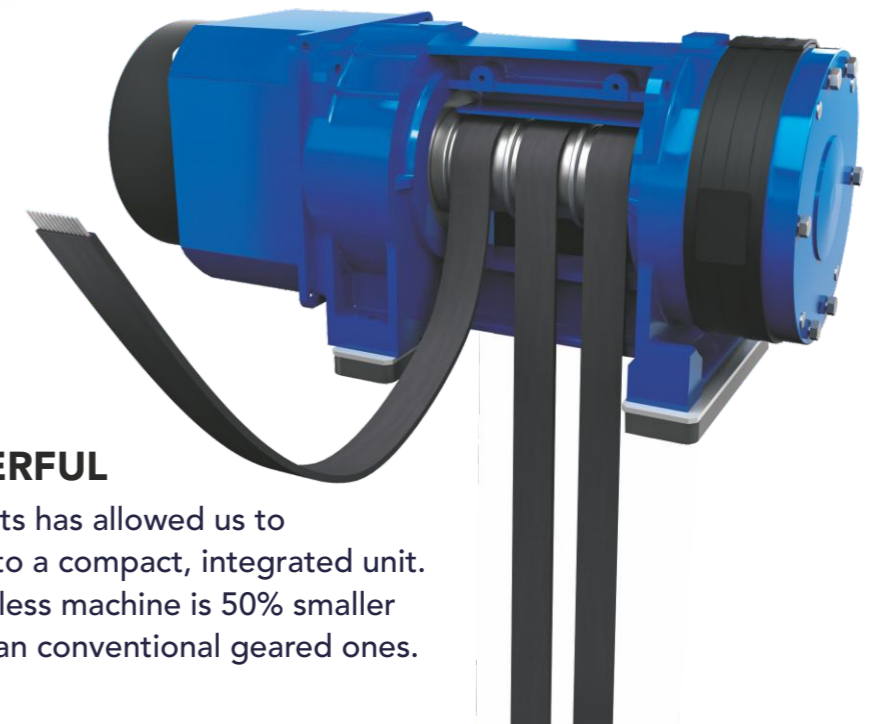


# 20%

lighter than ropes

## PURE STRENGTH

Lightweight belts eliminate the need for lubricants and hazardous waste disposal. Our Pulse™ system ensures belt integrity and eliminates inspection downtime.



# 50%

smaller machine

## COMPACT BUT POWERFUL

The use of innovative flat belts has allowed us to engineer key components into a compact, integrated unit. The permanent magnet gearless machine is 50% smaller and more energy efficient than conventional geared ones.



Up to

# 75%

energy savings

## POWER REGENERATION

Redirect excess energy into the building's electric grid using regenerative technology. Our ReGen™ drive delivers up to 75% energy savings and produces clean power that minimizes impact on the building's electrical system.

# Safety that offers peace of mind

The Gen2® factors safety from all angles. Passengers probably won't even notice – and that is how it is meant to be. What you will however feel is a sense of calm knowing that this is truly a safe elevator.

## + AUTO DOORS

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

## + DOOR SAFETIES

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.

## + FLAT BELT WITH PULSE MONITOR

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

## + AUTOMATIC RESCUE OPERATION

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

## + MANUFACTURED AT A WORLD-CLASS FACILITY

Made at one of our global Otis and ISO certified factories - Bengaluru factory, the Gen2® Prime elevator has been put through rigorous tests that surpass safety code standards. We created our set of even more demanding guidelines that surpass global standards – the Otis Worldwide E3 policy. The parts and components undergo a battery of performance, safety and lifetime qualification testing that includes more than 50 critical tests during the manufacturing process.

## + GOVERNOR TRIPPING TEST

**25%**  
MORE

\*Exceed application code

## + BUFFER STRIKE TESTS

**16x**  
MORE

\*Exceed application code

## + SAFETY GEAR TESTS

**6x**

# World class comfort and efficiency

The Gen2<sup>®</sup> focuses on performance without compromising on comfort. With the revolutionary belt technology, we reduced metal-on-metal contact and dampened vibrations to ensure the Gen2<sup>®</sup> 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.



## SMOOTH LANDINGS

The gearless machine, sophisticated load weighing and closed – loop variable frequency drive ensures that the Gen2<sup>®</sup> Prime delivers outstanding acceleration monitoring and stopping accuracy within +/- 3 mm at every landing so that moving in and out of the elevator is a smooth transition.



## ENERGY SAVINGS UP TO 75%

Fitted with the ReGen<sup>™</sup> drive, the Gen2<sup>®</sup> Prime uses up to 75% lesser energy than conventional geared systems with non-regenerative drives, while providing clean power to help run other building systems.



## SLEEP MODE

Lights and fans are shut down when not in use and are automatically restarted with the touch of a button making the LED lighting up to 75% more efficient than conventional lighting.



## ZERO LUBRICATION

The coated steel belt and Gen2<sup>®</sup> machine require no additional lubrication, providing for a cleaner hoistway and environment.



# Reliable as expected

We know what it takes to keep people moving safely and smoothly. Our founders were dedicated to delivering extraordinary service, and our teams today are committed to exceptional service that you can depend on day after day.

## + AN INDUSTRY BENCHMARK

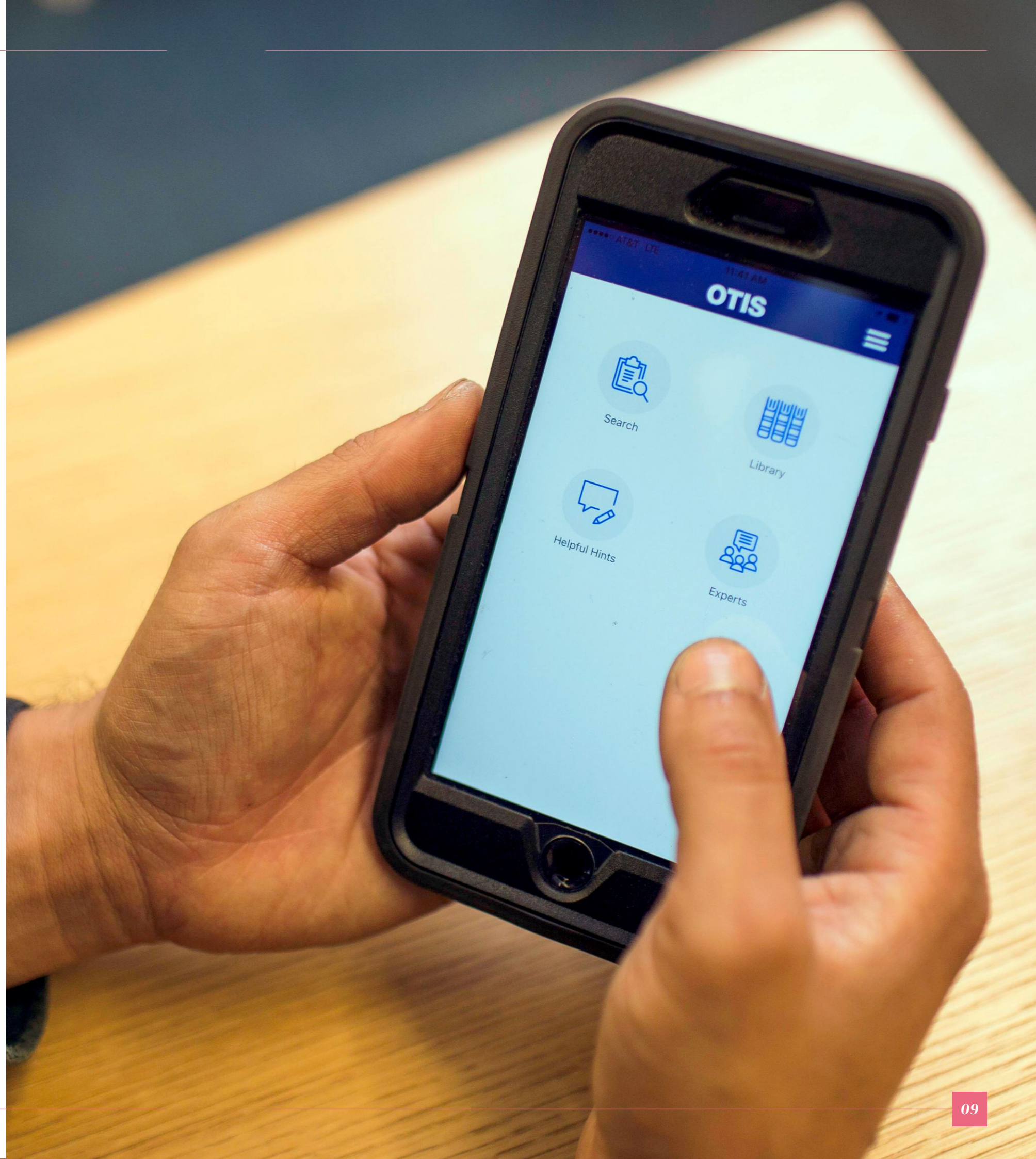
Otis is committed to ensuring optimal equipment performance for the lifetime of the elevator. Our innovative technologies let Otis engineers precisely identify or anticipate possible issue. And when our skilled mechanics arrive at customer sites they are prepared to make repairs quickly and efficiently.

## + OTIS GENUINE PARTS

Our national service parts center is supported by the 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.



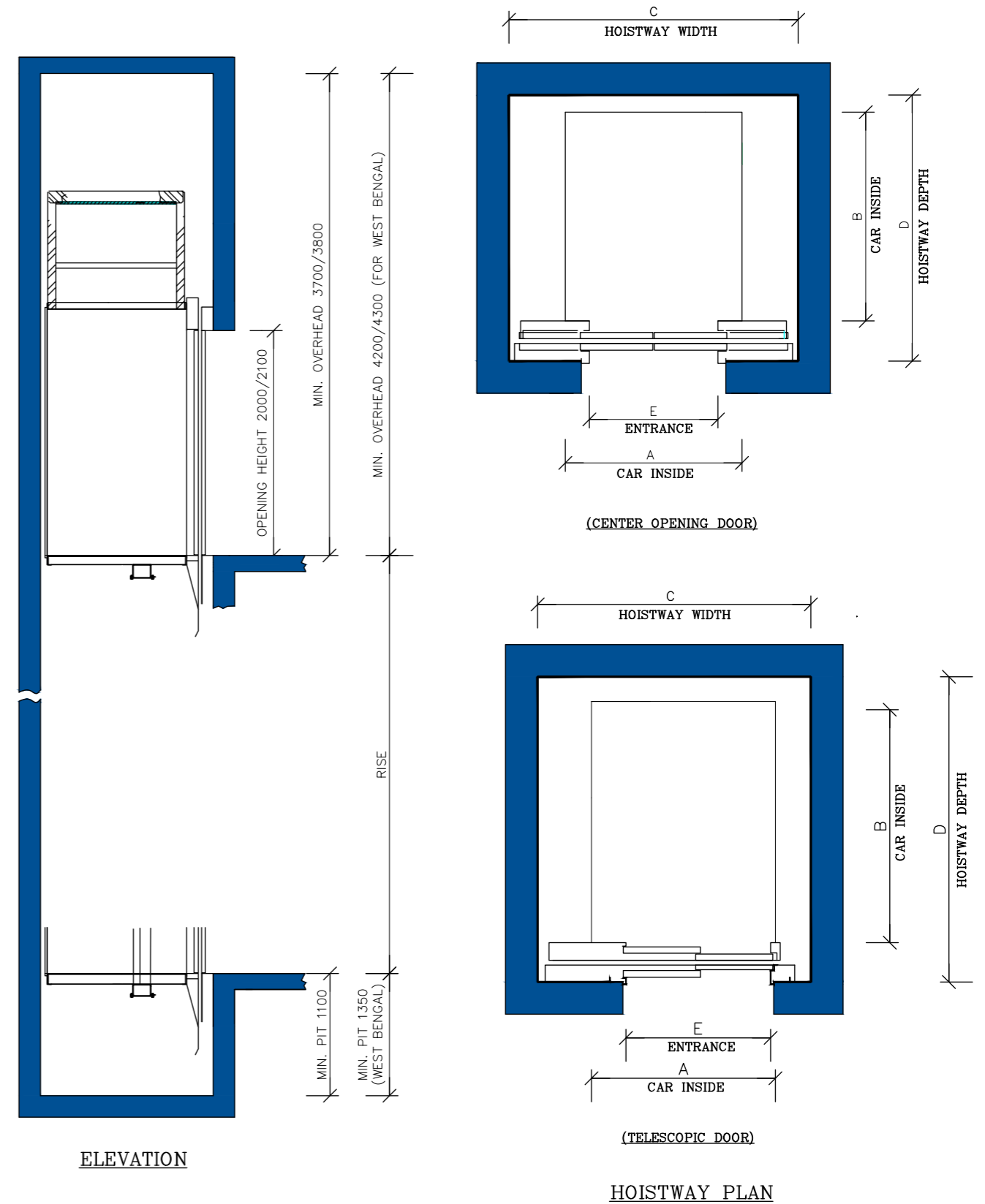
# Gen2<sup>®</sup> Prime specifications

HOISTWAY DIMENSIONS (mm)						
Person	5P	5P	5P	6P	6P	6P
Load (kg)	340	340	340	408	408	408
A	1000	950	950	1000	950	950
B	950	1000	1000	1100	1150	1150
C	1600	1500	1550	1600	1500	1550
D	1325	1350	1350	1450	1500	1500
E	700	700	800	700	700	800
Door Type	CLD	TLD	TLD	CLD	TLD	TLD

Note:  
Hoistway plumbness should be within +/- 20mm

Duty Load (kg)		340		408		
Passenger capacity		5P		6P		
Speed (in meter per second)		0.7				
Car dimension	Width (CW) (in mm)	1000	950	1000	950	
	Depth (CD) (in mm)	950	1000	1100	1150	
	Height (CH) (in mm)	2100/2200				
Door dimension	Opening height (OPH) (in mm)		2000/2100			
	Opening width (in mm)	Telescopic (TLD)		-	700	800
		Center (CLD)		700	-	700
Number of entrance in car		Only same side opening				
Power 3 phase+neutral (in volt)		400/415V (+/- 10%)				
Frequency (in Hz)		50Hz (+/- 5%)				

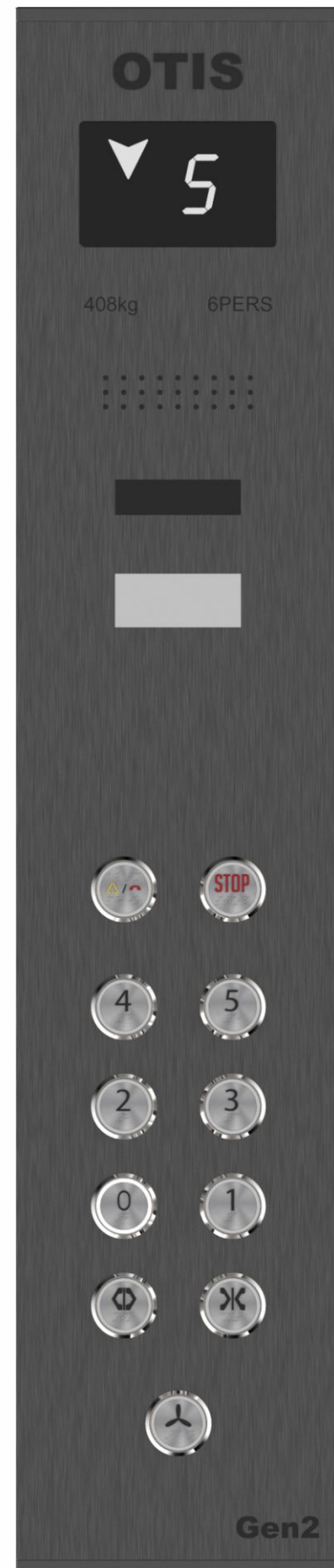
Gearless: (With Machine Room-less) Speed=0.7 mps



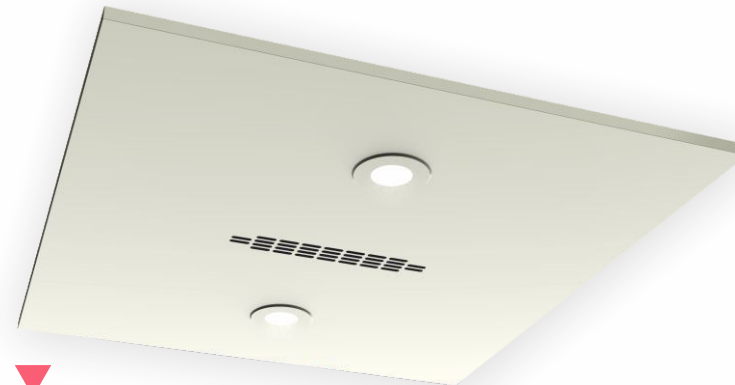
REFER OTIS DETAILED DRAWING FOR ADDITIONAL INFORMATION

ALL DIMENSIONS ARE IN mm

# Finishes



- ▶ **COP**
- SS Hairline Black Titanium finish pan-type faceplate
- White LED display
- White illumination buttons with Braille dots
- Integrated Emergency Light



- ▼ **False Ceiling**
- Sleek false ceiling
- Cream coloured ceiling for powder-coated cabs
- SS finish ceiling for stainless steel cabs
- Centrally located fan with LED downlights on either side



- ▼ **Hand Rail**
- SS Mirror finish hand rail - Optional

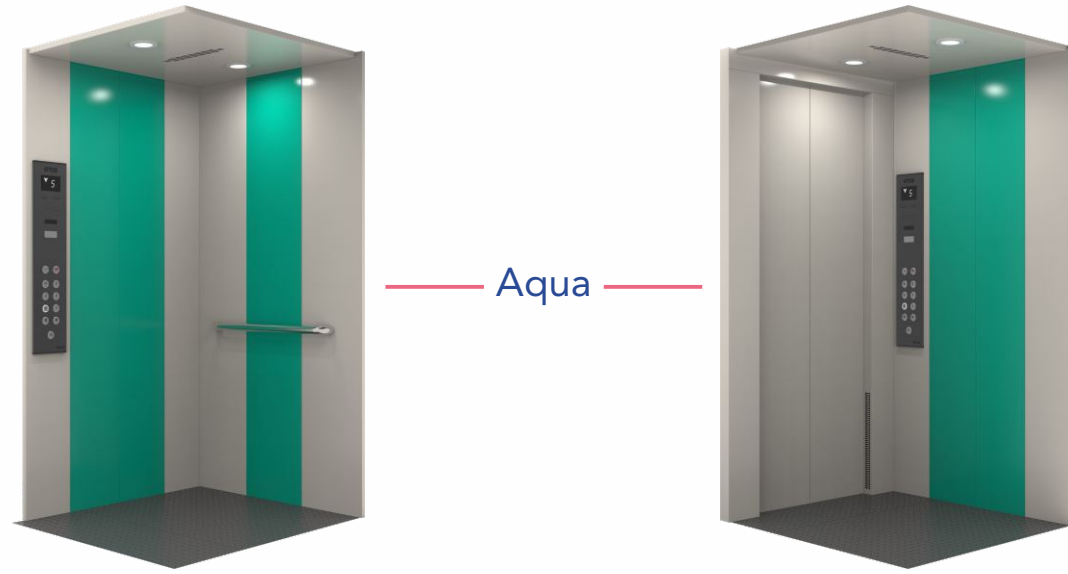


- ▶ **HOP**
- SS Hairline finish pan-type faceplate
- White LED display
- White illumination buttons with Braille dots

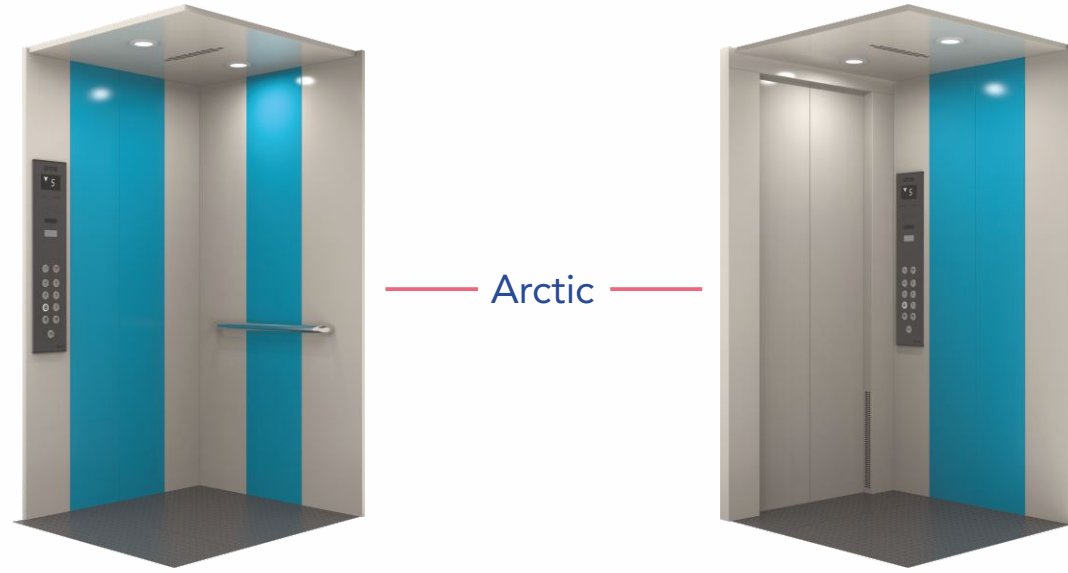


\*Handrail is optional  
 \*Fixtures shown are representative. Actual design may vary according to cab size.

Premium powder coated-dual tone



Aqua



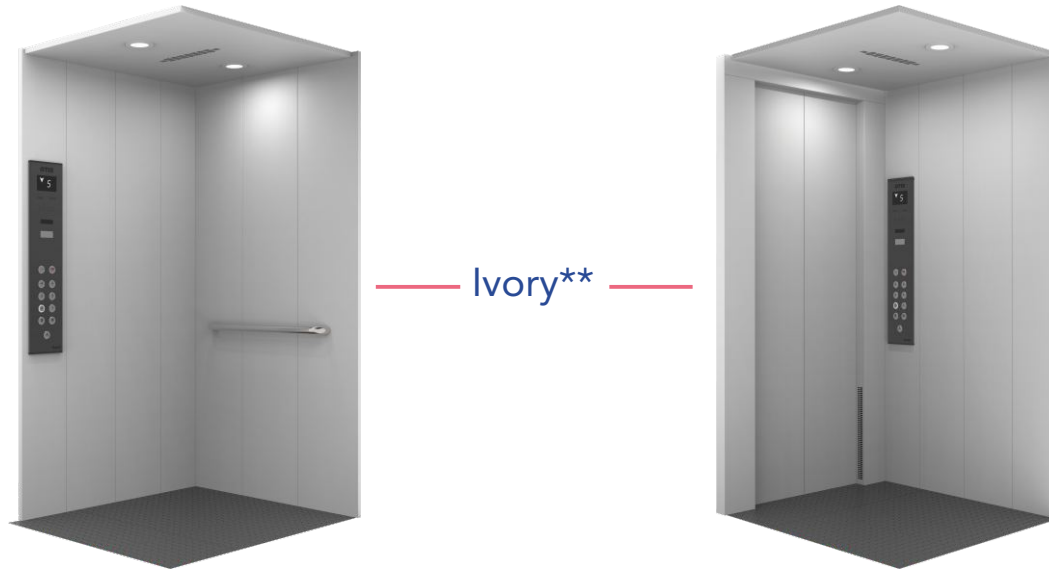
Arctic



Brickstone\*\*

\*Colours and finishes shown are indicative. Please allow for minor variations.  
\*\* Textured finish

Powder coated-single tone



Ivory\*\*



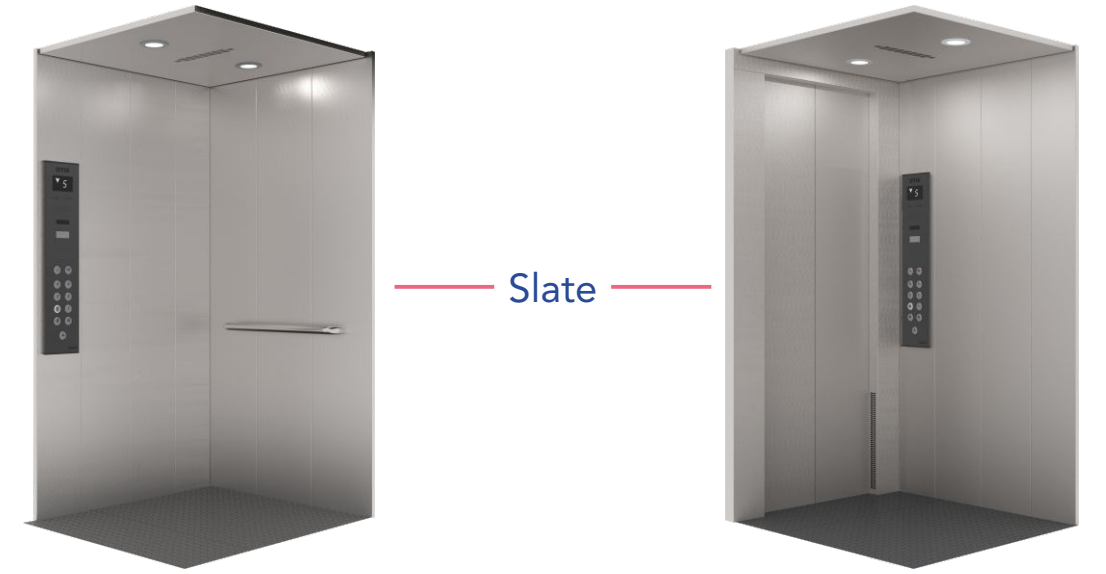
Pebble\*\*



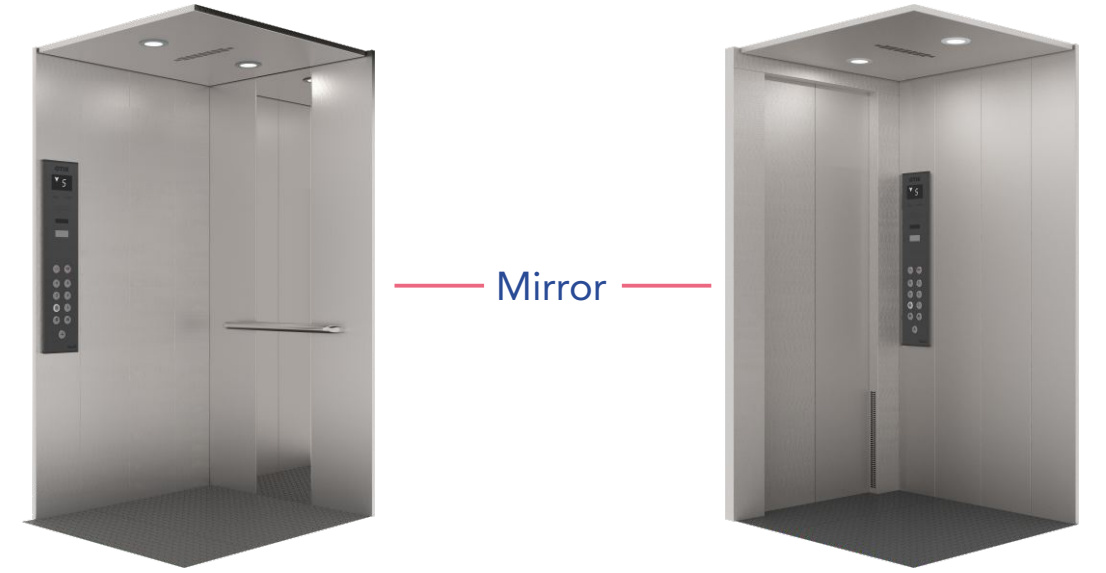
Pearl

\*Colours and finishes shown are indicative. Please allow for minor variations.  
\*\* Textured finish

Stainless steel



Slate



Mirror

\*Colours and finishes shown are indicative. Please allow for minor variations.  
\*\* Textured finish



Built on a legacy of innovation, Otis was founded in 1853 after Elisha Otis invented the elevator safety brake, giving rise to the modern city, transforming how people live and work, and revolutionizing architecture itself. Today, we are the world's leading company for elevator and escalator manufacturing, installation and service. We move 2 billion people a day and maintain more than 2 million customer units worldwide, the industry's largest maintenance portfolio. We can be found in many of the world's most recognizable buildings, as well as the busiest transportation hubs and retail centers – we are 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 worldwide. To learn more, visit [www.otis.com](http://www.otis.com) and follow us on LinkedIn, Instagram, Facebook and Twitter @OtisElevatorCo.

## 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:  
Victoria Park, Block : GN, Level - 2  
Plot No. 37/2, Sector V,  
Salt Lake City,  
Kolkata - 700091  
Tel: (91-33) 4052 4300

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, Sonebhadra, 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.