



GLIDE TO YOUR DESTINATION



ABOUT LEVITATE

Levitator Elevators, an Indian Elevator company, is quickly becoming a trusted brand amongst customers in the field of construction.

We offer a wide range of products under five segments which are Passenger Lifts, Home Lifts, Car Lifts, Hospital Lifts and Freight Lifts.

The elevators are available in different types such as Traction or Hydraulic, Geared or Gearless, Machine room or Machine less with variable frequency, variable voltage and safety functions like Automatic Rescue Device.

Aesthetics are designed as per project requirement or tailored to customers specifications. Our Design and Quality Policy is drafted meticulously to offer only the best in the market to our end users and customers.

With Head Office and Manufacturing facility Situated in Pune, we also have our service offers in cities like Mumbai, Pune, Satara, Kolhapur and Nasik.



VISION

Our vision is to be the first selection of our customers and producers and to be the leading name in lift transportation, innovation and safety standards. We persevere to go above and beyond our customer's expectations and provide them with premier solutions for their everyday needs and envision the efficient use of resources to promote sustainability.



MISSION

Our mission is to design lift solutions for people and goods in buildings and other urban spaces that are innovative in their design, premier in their quality and do not compromise on safety. We aim to make use of contemporary technology while maintaining efficient use of our resources and ensuring that our products are cost-effective to our customers.

CORE VALUES

Excellence

We go beyond expectations, meeting commitments and excelling by seeking extraordinarily good quality.

Innovation

We have the creativity to create new ideas that improve the lives of our customers and are able to turn them into products and services that give them a distinct value.

Safety

We value the health and safety of people above all else and take action to maintain safety in our factories and in our products and services.

Integrity

We know our goals, value commitment and maintain a consistent rapport with our customers and partners.

Closeness

We take the opportunity provided by the customer to create experiences that provide distinctive value and generate empathy.



HOME ELEVATOR

Levitare Home elevator Systems are comfortable, reliable and stylishly designed to give your home an additional aesthetic appeal. The elevators are machine-room less and single phase gearless and hydraulic.

Safety Features

Safety features include overload protection, terminal landing protection and oil temperature protection. The automatic emergency descent system is always on and ensures that the passengers are able to get off at the nearest floor in emergency situations.

Auto re-levelling and anti-descent mechanisms are applied in case of any malfunctioning. Other safety features are: Running time protection, Fireman's service, door lock jump-out and safety gear protection, emergency lighting, and feedback protection when frequency converter is not running.

Main Advantages

- Reliability: Automatic descending on power failure, emergency self-rescue
- Energy saving
- Easy installation

Enhances aesthetic appeal, usability

The home elevator system is a great addition to your home in terms of usability, reliability, aesthetics and as an added value for real estate.





PASSENGER ELEVATOR

The Passenger elevator systems are designed based on advanced technology that ensures comfort, reliability and most importantly, safety. Brand new noise control technology reduces the running noise of the elevator effectively; it implements permanent magnet synchronous traction system which reduces noise and guarantees stable performance. German ultra-silence brakes avoid air gap adjustment and makes low noise in actuation and release.

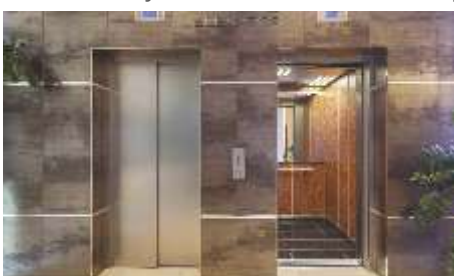
Control System

The elevator, equipped with advanced sensors, transfers accurate and instant signal feedback of the motor's running status to locate the car and enables passengers to ride securely. It uses high-performance micro-processing chip that facilitates network control and improves data processing time.

The machine-room less structure of the elevator reduces the area covered by the elevator and makes the system more beautiful and concise. The main engine is placed in such a way that there is a short space between the control cabinet and the main engine - this guarantees convenience for overhaul and maintenance.

Comfortable and Pleasant Ride

Advanced VVVF control technology applied to the door-motor system makes door-starting, speeding and braking curves smooth, efficient and fluent. Levitate ensures that you have a comfortable and pleasant ride.





HOSPITAL ELEVATOR

Levitate Elevators hospital bed elevators are designed to provide safe, convenient transportation for everyone. An optimum mix of features ensures efficient elevator operation to meet every hospital need, from transporting patients in beds to moving medical equipment.



A mechanical safety device with a micro-switch reverses closing doors if there is physical contact with a passenger or an object.

Hospital Elevator plays a vital role in hospital operations. It facilitates fast movement of patients, hospital staff, stretchers, bulky equipment's and wheelchairs in mode of emergency. Levitate Elevators provides a wide range of hospital elevators for all types of healthcare facilities. Elevators add value to the facility with a smooth and safe ride.

The design and manufacturing is done according to the requirements of the customers. Levitate Hospital elevators are highly efficient with features like accurate stoppage, overload detectors; Automatic Rescue Device (ARD) and V3F drive which ensures jerk less travelling. It eases vertical transportation. We ensure trouble free service because it's about saving a life!





CAR ELEVATOR

In the modern infrastructure design car parking has been given special attention so that you cars get a safer and better space to stand. Levitate Elevators provides a range of car parking solutions so that it is easy to park your car, be it a basement garage or any floor of your apartment. It makes parking your car less cumbersome.



The lifts are designed and manufactured according to the inputs and requirements of customers to accommodate different types of cars like hatchback, sedan and SUVs. Our car lifts are steady and give jerk less experience while lifting your car. We make it special because we understand your love for your car.

Backed by our technicians and innovation, our vehicle lifts are at par with global standards. We use the best-quality materials and latest technologies to deliver quick and durable vehicle lifts for our clients. These are best known for their unique design and range of technical specifications. The key features of these lifts include a high load bearing capacity, longer service life and excellent performance.





GOODS ELEVATOR

Levitate's freight/goods elevator systems are designed to handle efficiently and rigorously the material handling requirement of industry, building, hotel, car workshops, etc. Freight elevators are the back bone of every modern industry and find their place across a wide variety of applications.

The choice of elevator model requires consideration of various factors: volume and weight of material to be transported and the method of handling like manual or trolley driven. Where floor levelling accuracy is of

utmost importance, ACVVF control can be installed in the Freight elevator. The development of Flameproof Limit Switches has helped us design elevator models that are suitable for hazardous areas.

Levitate's elevators consist of unique models from a wide variety of capacities and sizes. We realise that different applications have different requirements and thus always attempt to customize our systems according to the customer's requirement.

Today an efficient material handling system is a necessity for any industry since it would directly cut down the overall cost including costs such as labour cost, standing inventory, storage cost, etc.



LOAD KG	CAR INSIDE		LIFT WELL		ENTRANCES	MACHINE ROOM		PIT DEPTH	OVER HEAD
500	1100	1200	1900	1500	1100	3900	4500	1600	4500
1000	1400	1800	2300	2100	1400	4300	4600		
1500	1700	2000	2600	2300	1700	4600	4800		
2000	1700	2500	2600	2800	1700	4600	5300		
2500	2000	2500	2900	2800	2000	4900	5300		
3000	2000	3000	2900	3300	2000	4900	5800		
4000	2500	3000	3400	3300	2500	5400	5800		
5000	2500	3000	3400	3300	2500	5400	6400		



Enhanced Mobility with Levitate

With the specially designed App for mobile, you can access your lift even before you leave for your elevator - just press the floor number, and the elevator is signalled to reach the floor. This enhanced mobility helps tenants move quicker to their destination.



HYDRAULIC ELEVATOR

An eco-friendly design completely eliminates the below grade jackhole, which makes construction less costly and far less complex.

All the same time, precision engineering offers you the smooth, reliable performance which you can expect from a Levitate Elevators.

Exceptional performance, with the innovative holeless hydraulic elevator, you have a smarter, more efficient solution for a wide range of low-rise applications, including office buildings, apartments, condominiums, retail locations, hotels, hospital and much more.

Best of all, the broad choice of configurations, finishes and options lets you take advantages of this efficient holeless solution with almost any décor, style or specialized site requirement.

Less Complex, more efficient:

- Eco-friendly holeless design
- Precision engineering for quiet, smooth, reliable performance
- Simpler site preparation, fewer building interfaces, easier installation
- Jamb-mounted fixtures to reduces installation time
- Versatile style

MACHINE ROOM LESS ELEVATOR

Energy Saving:

- The Gearless traction MRL uses PM gearless, synchronize AC machine technology. Typically a power of 1 is achieved, which means that 100% of the electrical energy to the machine is converted and output as mechanical energy.
- Highly efficient permanent magnet (PM) machine use rare earth magnets to generate magnetic field flux, so no external power is consumed by field windings. GT MRL power saving Vs a traditional holed hydraulic elevator is over 60% Power saving Vs a traditional geared traction elevator is over 25%.

Silent and Odor-free:

- Unlike hydraulic system utilizing pressurized hydraulic fluid, a pump reservoir and liquid control valve, GT MRL systems are elegant in their simplicity. The MRL PM gearless machine is all about noiseless and it produces no hot hydraulic oil odor.

Reduced Construction Costs:

- The GT MRL system incorporates a small control closet which replace the traditional machine room. Placed inside the insulated building envelope, the control system closet requires no cooling.
- Reactive structural loads for a GT MRL elevator system are conveyed through the guide rails to the pit floor and through the hoist way wall. Unlike traditional traction elevator system, no special building construction or expensive additional structure elements are required.



ELEVATOR WITH MACHINE ROOM

- The machine room helps you to have all the elevator machinery neatly arranged and simplifies maintenance, rescue and lift repairs.
- Elevators with machine room are middle of the road in terms of initial cost, ongoing maintenance costs, and energy consumption.
- Used for mid and high-rise applications and have much higher travel speed than hydraulic elevators.



SAFETY

Emergency Landing device and Emergency Car Lighting

Upon electric power supply failure, a car automatically moves to the nearest lower floor or bottom floor and doors open using a rechargeable battery to facilitate the safe evacuation of passenger and upon electric power supply, an emergency car light automatically turns on immediately providing minimum level of lighting within a car by rechargeable battery.



ENERGY SAVING

Energy-Saving and Eco Functions

Home elevators reduce wasteful electrical usage. In addition to a high-efficiency motor, they are equipped with an automatic illumination shut off function and an energy saving operation mode as a standard feature that dramatically reduces standby power consumption.

LED Car Lighting

Applying LED car lighting which offer longer life and saving energy. They are environment friendly, as they do not need to be replaced frequently.



SPACE SAVING & COMFORT

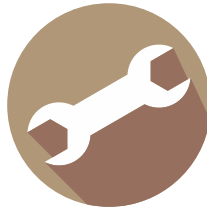
Space Saving Solutions

As required minimum space design, "machine room less concept" is adopted, whereby driving device is located in the shaft well and control panel is installed inside the elevators entrance unit at the bottom floor. Furthermore, required overhead dimension, pit depth and shaft size are designed at minimized dimension for the least building construction interface.

Comfort

For greater usability, the new buttons allow users to easily verify the position of each button by simply pushing them.

WHY LEVITATE ELEVATORS?



Customisation beyond your expectation

- In terms of interiors



Best solution even with the space constraint

- In terms of atomisation



Service Benefits

- Providing prompt services
- Less maintenance cost



Product Benefits

- Smooth and safe ride experience
- Vibration-free and Zero noise level



Cost Benefit

- Feel the international quality without brand premium charges





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