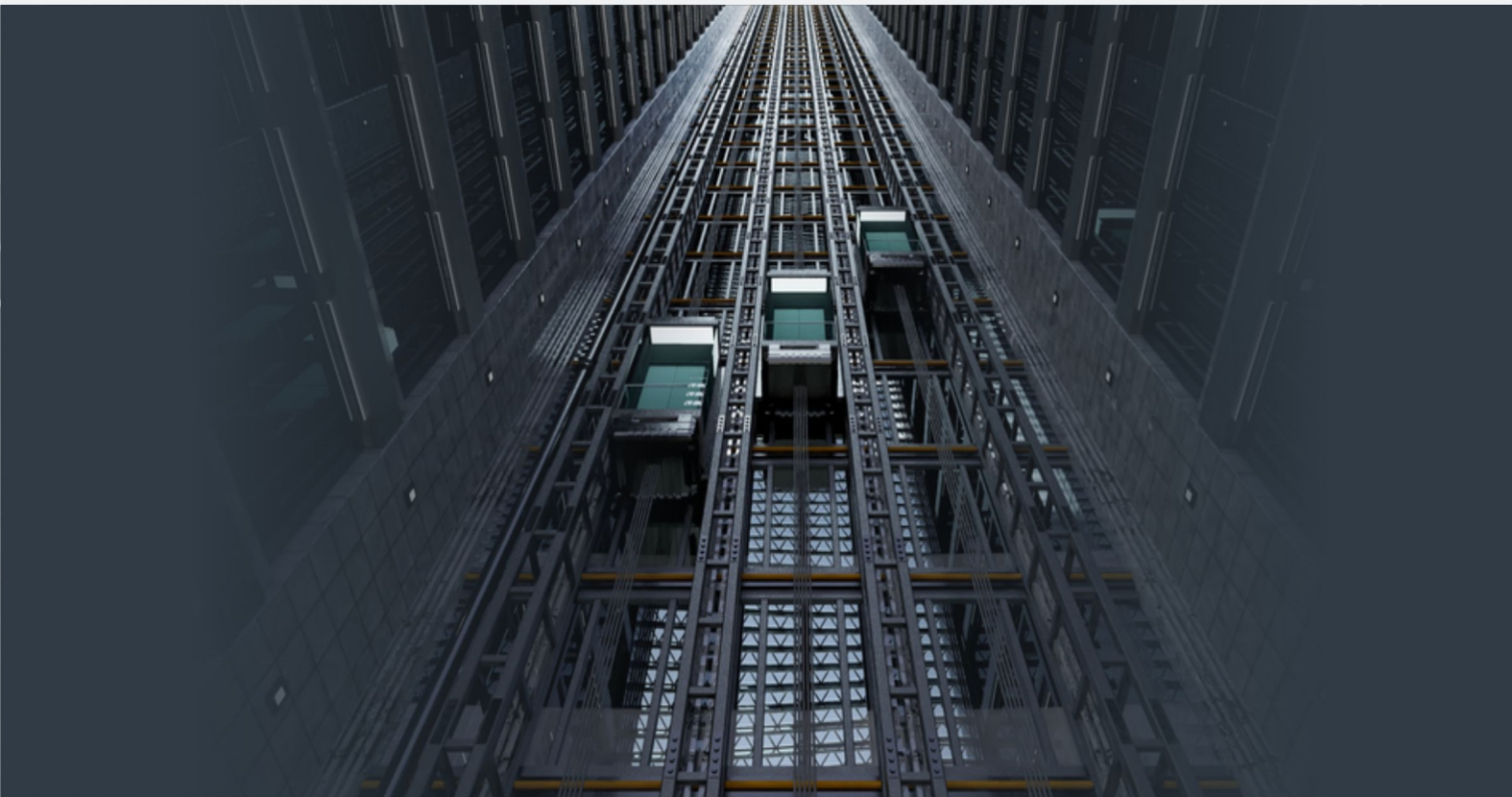




Choose the Right Partner
to **Rise High**



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Company Profile

Firozger Elevator Industries was founded in 1993. We are now a prominent personality in the field of elevator business in Surat. We have varied and rich experience in this field for more than two decades. Having acquired adequate experience in this field, we have spent many years establishing a great reputation in providing excellent lift installations as well as proper and timely maintenance service for existing installations.

Firozger Elevator Industries has its factory and call center in Surat, supported by qualified and technical personnel to provide a complete range of installation and services to its clients. The team remains there right from the initial stage of installation to maintenance. This ensures trust, the effectiveness of the services offered and generates timely adherence to schedule. The result is that 95 % of the orders are repeat orders. In the span of more than 25 years, Firozger Elevator Industries have carved a niche for itself and has succeeded in getting orders of over 7000 elevators; which includes clients like Hospital, Shopping Malls, Shopping Complexes, Jewellers, Retailers, Textile Markets, Home lift and all leading builders of Surat and other cities of South Gujarat like Ankleshwar, Bharuch, Baroda, Navsari, Billimora, Valsad, Vapi, Vyara, etc. are Associated with us.

At present Firozger Elevator Industries provides passenger elevators of capacity ranging from 4 to 26 persons with Automatic and manual doors. It can provide single speed control, two-speed control, and variable speed control with variable frequency attachments called V3F and now with integrated panels. Goods and Hydraulic lifts are also part of Firozger Elevator Industries range. While functional aesthetics do play a prominent part in Firozger Elevator Industries. Our obsession with safety, dependability, and operational convenience that sets them apart! Nothing is left to chance. Every minute details attended to with cross-checks.

With this kind of orientation and priorities that Firozger Elevator Industries has a strong commitment towards achieving greater heights of success.

We have just launch escalator project. For carrying people between floors in large numbers and guide them towards main exits or special exhibits.



Our Vision

Our vision is to be a leading example in our industry and the partner of choice for anyone needing to install, maintain or modernize elevator, escalator, moving walk, or any form of transit management system for building. To create new system and solution to make the world's building and cities safer, more efficient, more sustainable, more comfortable every day, and to be Your First Choice. We will inspire our customer's total confidence through exceptional service that earns us 100 % of their business, 100 % of the time.

"Our Vision to provide freedom to connect and thrive in a taller, faster, smarter world"



Our Mission

To achieve the highest level of quality with a great degree of efficiency in safety, comfort and to exceed customer expectation, to be one among the global leaders. As our slogan is Choose the right partner to rise high we want to accomplish higher-value projects and walk higher with clients.

"Our Mission for world-class, customer-centric, service-oriented company"



The Firozger customer promise

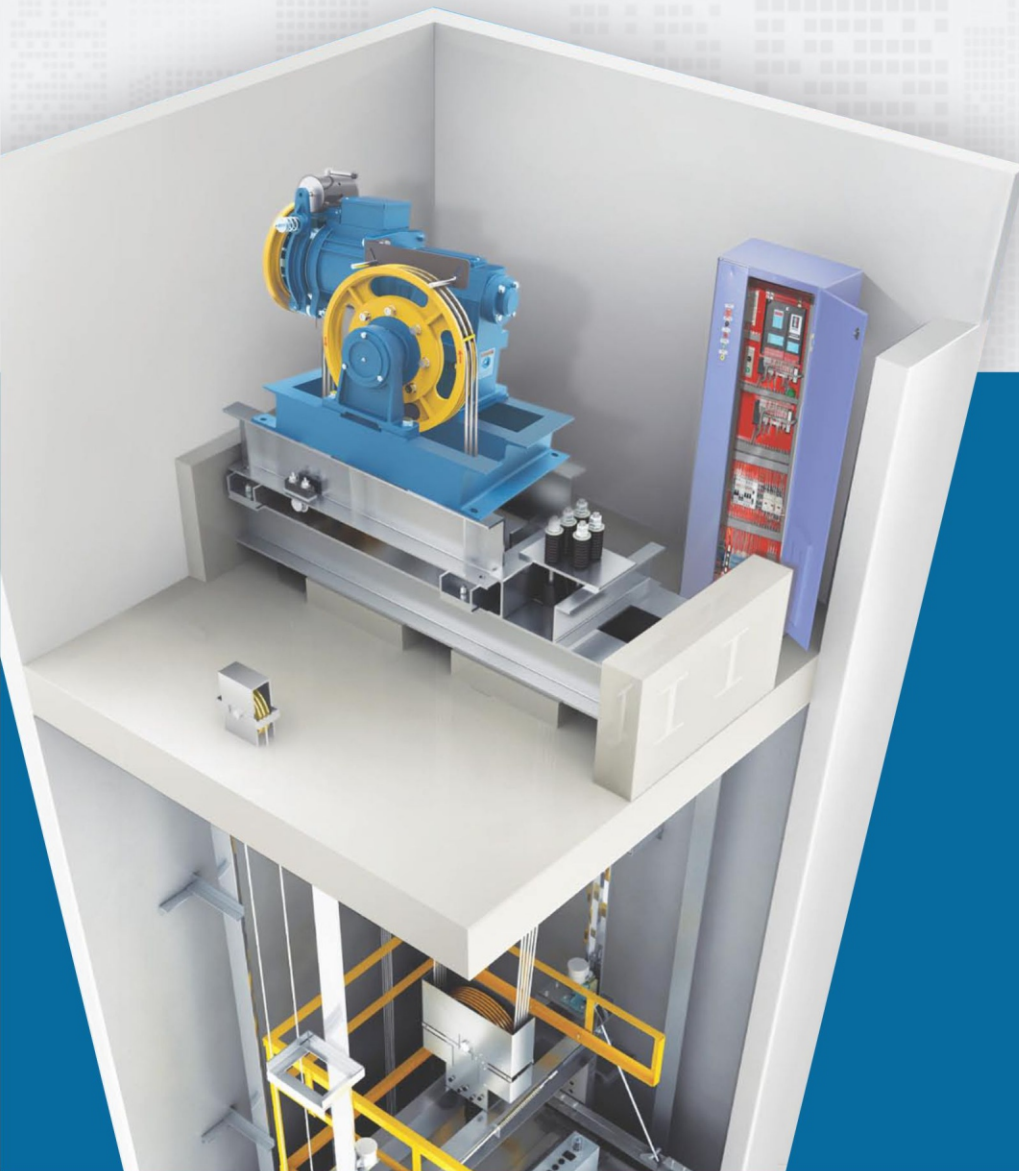
We promise that our product, our service, and our action will at all times be worthy of the description: Professional, Trusted, and Smart. These three words sum up our commitment to adding value to our customers' buildings and businesses through reliability, intelligence and innovation.

Traction Elevator System

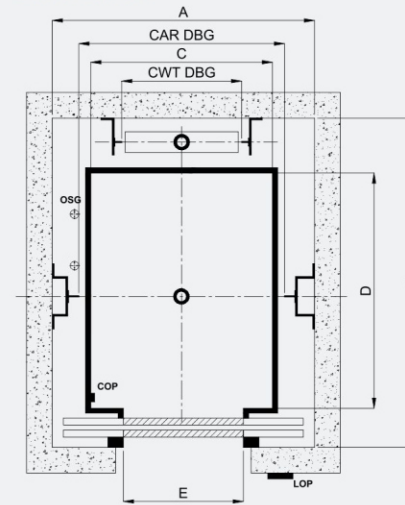
When you need to move a lot of people in a little time - economically, comfortably and reliably - you need a traction elevator.

Ideal for high and medium - rise buildings. Traction elevator delivers smooth, quick acceleration, energy efficiency and attractive cost for high - rise buildings. Especially, these lifts impress with their versatility, power and speed.

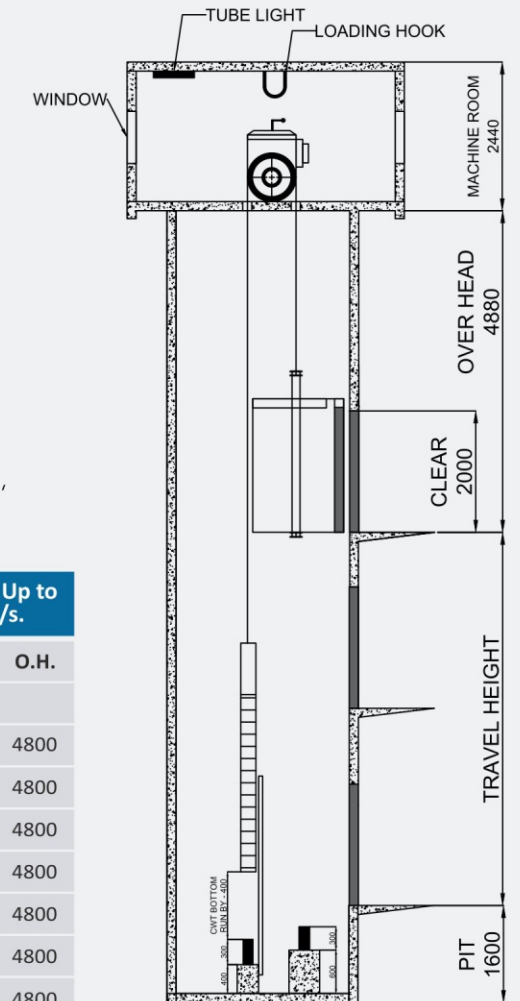
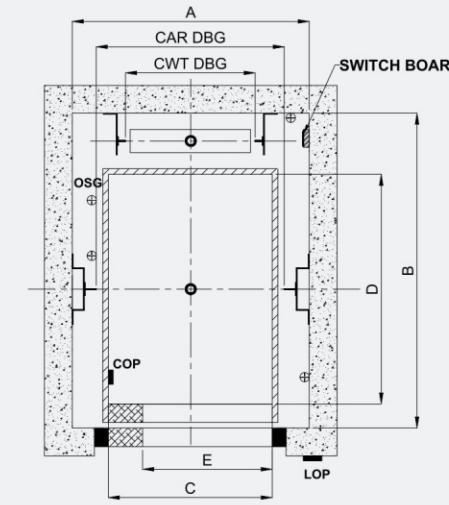
A superior combination of flexibility and performance. To create the highest quality traction elevators, our designers and engineers put their technological creativity to its full potential. Our traction elevators combine the latest digital technology with world - renowned construction to achieve a new level of precision, energy efficiency, safety and reliability .



Option : A



Option : B



Hoist Way Machine Room Size Passenger Elevator with Manually Operated Doors

| Load | | Lift Well | | Car Inside | | Entrance | Machine Room | | | Speed Up to 1m/s. | |
|--------|--------|-----------|-------|------------|-------|----------|--------------|-------|--------|-------------------|------|
| Person | Weight | Width | Depth | Width | Depth | | Width | Depth | Height | PIT | O.H. |
| In Kg. | | A | B | C | D | | G | H | | | |
| 4 | 272 | 1300 | 1300 | 910 | 700 | 700 | 2600 | 3200 | 2500 | 1600 | 4800 |
| 5 | 340 | 1400 | 1300 | 1010 | 850 | 700 | 2600 | 3350 | 2500 | 1600 | 4800 |
| 6 | 408 | 1500 | 1500 | 1100 | 1000 | 700 | 2600 | 3500 | 2500 | 1600 | 4800 |
| 8 | 544 | 1800 | 1800 | 1350 | 1200 | 800 | 2850 | 3800 | 2500 | 1600 | 4800 |
| 10 | 680 | 2300 | 2100 | 1800 | 1300 | 800 | 3500 | 3800 | 2500 | 1600 | 4800 |
| 13 | 884 | 2600 | 2300 | 2000 | 1300 | 900 | 3500 | 3800 | 2500 | 1600 | 4800 |
| 15 | 1020 | 2700 | 2400 | 2000 | 1500 | 900 | 3600 | 3800 | 2500 | 1600 | 4800 |

- The traction elevator system is the most popular due to its flexibility.
- Choose between two types of traction lifts : geared and gearless.
- The geared traction lift is composed of 2 parts : the gear box and the electric motor.
- The machinery may be located at the top of the building, or in the basement.
- If you need a high - speed elevator in high - rise building, a traction elevator is your only choice.
- Capitalizing on advances in motion control technology (Variable Voltage Variable Frequency), a frequency inverter smoothes the starts and stops of the cabin and conserves energy.

Using high quality gear drive machines and v3f drives, these lifts' performance is of the highest standard.



It Purifies the Power grid Environment



It improves the machine room temperature



Above 30% of energy saving

MRL Elevator System

Machine Room Less (MRL) lifts are traction elevators that feature a compact motor drive mounted on the car itself. They don't require to build a separate elevator machine room.

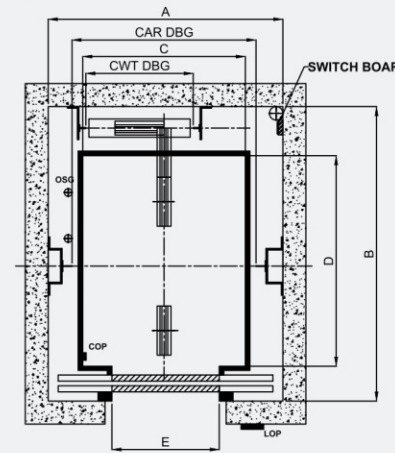
Most of machine room less elevators are used for low to mid rise buildings. Machine room less elevators in mid-rise buildings usually serves up to 20 floors, also depends load capacity of car.

MRL lifts allow you architectural flexibility, but they also provide fast, powerful and energy - efficient transportation. Though traction lifts were originally limited to high-rise, the innovative MRL design has allowed engineers to adapt traction elevators for low - rise buildings and multi - story homes.

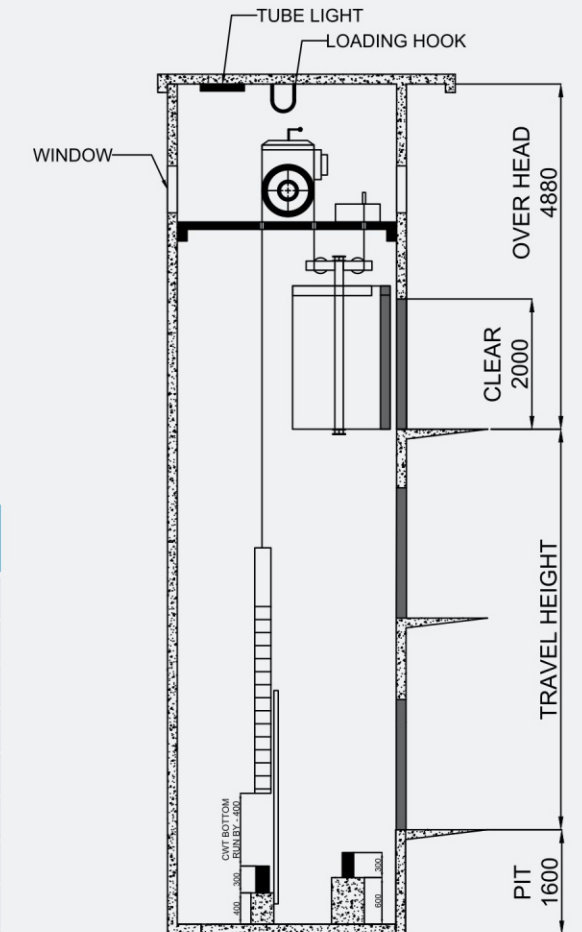
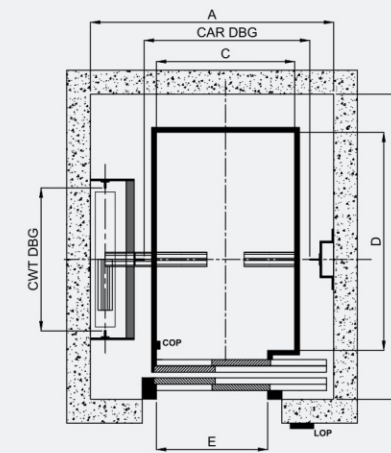


It saves **25%** of total elevator equipment area. it reduces **40%** of space occupation.

Option : A



Option : B



Auto Door Center Opening

| Load | | Lift Well | | Car Inside | | Entrance |
|--------|------|-----------|------|------------|------|----------|
| Person | Kgs. | A | B | C | D | E |
| 5 | 340 | 1500 | 1500 | 920 | 1050 | 700 |
| 6 | 408 | 1650 | 1600 | 1200 | 1000 | 700 |
| 8 | 544 | 1850 | 1700 | 1250 | 1200 | 800 |
| 10 | 680 | 2000 | 1850 | 1500 | 1380 | 800 |
| 13 | 884 | 2100 | 2600 | 1200 | 2100 | 800/900 |
| 15 | 1020 | 2100 | 3000 | 1200 | 2400 | 800/900 |
| 20 | 1360 | 2300 | 3000 | 1320 | 2400 | 900/1000 |
| 26 | 1768 | 2450 | 3000 | 1620 | 2400 | 900/1000 |

Advantages of MRL Elevator

- Smooth ride , due to the first - class roller shoe suspension.
- 1 m/s to 1.75 m/s speed range (180 starts per hour).
- Small control cabinet on the upper level.
- Cost - efficient elevator application, No machine room.
- Time and money - saving benefits : long lifespan, low operating cost, easy installation and service.



Green environmental Protection



Low noise



High efficiency and energy saving

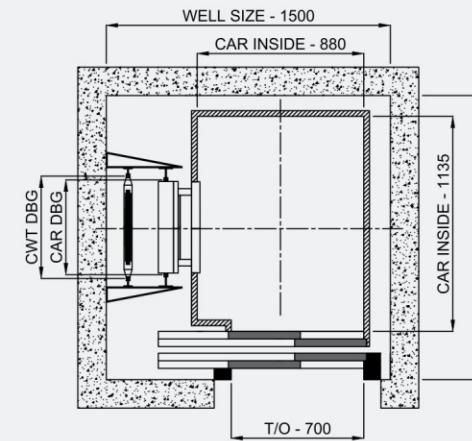
Home Elevator

Today due to modernisation though we have gone nuclear we also have a lot of multistoried homes multiple families living on different floor, yes there are stairs however it becomes very laborious to climb up and down the stairs each & every time and thus it is a brilliant idea to have a home elevator installed.

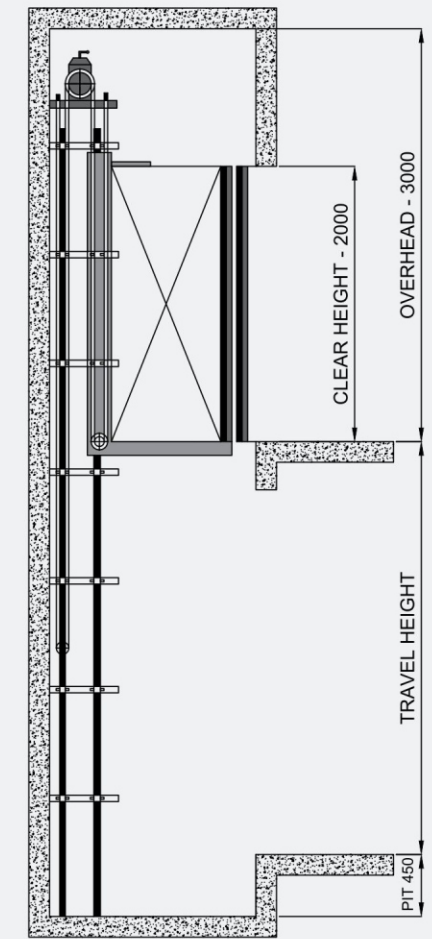
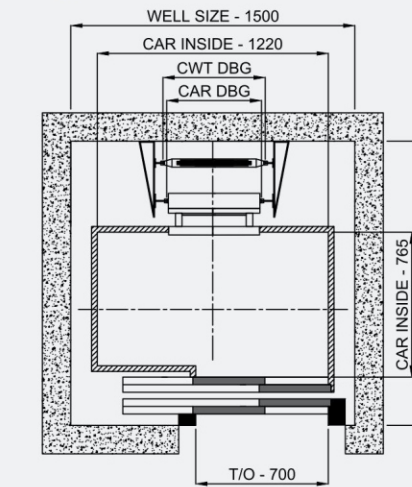
Until recently, home elevators had for a long time been considered an extreme luxury or something most people considered a medical necessity. However, this has drastically changed with the dropping cost of the equipment and installation and changes in people's lifestyle and tastes today.

This has seen many homeowners in India opting to install home elevators for an assortment of reasons.

Option : A



Option : B



HOISTWAY ELEVATION DRAWING

Specifications

| | | | |
|-----------|-------------------|------------------|---------|
| RPM | 76 | Pulley Dia | 200 mm |
| Frequency | 12.7 Hz. | Rope Dia. | 8 mm |
| Voltage | 230 & 380 VAC | No. of Ropes | 4 |
| Kw/Hp | 1.1 / 1 | Lifting Capacity | 350 kg |
| Weight | 105 Kg. | Lift Speed | 0.4 m/s |
| Brake | Pick Up : 220 VDC | Max. Travel | 15 mts |
| Voltage | Holding : 110 VDC | Start/Day | 100 |

Features and Advantages

- ▶ **Car Interior** : Wood patterned wall panels with contrasting steel patterned strips.
- ▶ **Panels** : Corrosion-resistant, pre-coated steel with vision panels for safety.
- ▶ **False Ceiling** : Power saving LED lights and cross flow fan and warm brown Pergo floors.
- ▶ **Installation** : Easy to install, machine room-less gearless and power saving.
- ▶ **Space** : Not required pit space and overhead.
- ▶ **Smoothness and Noiseless** : This technology delivers extremely smooth, noiseless motion.
- ▶ **Safety features** : Your Home elevator comes fully equipped with automatic controls and safety features like an emergency stop button, emergency alarm, intercom that accommodates a standard household phone.



Save Energy



Low noise



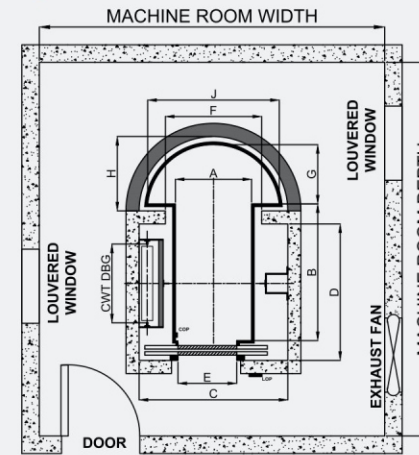
Comfortable

Capsule Elevator

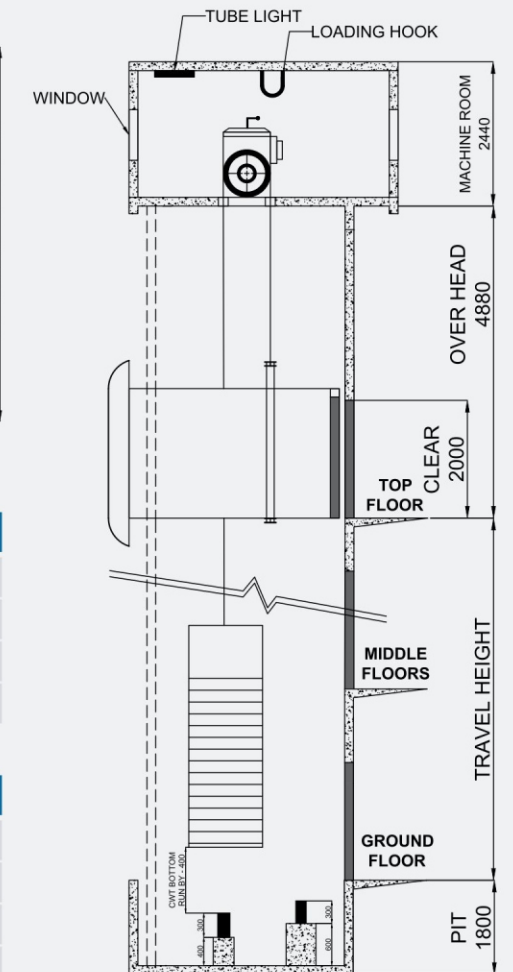
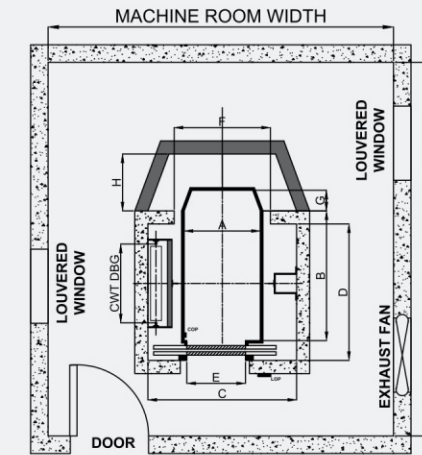
Glass capsule elevators give an upscale, attractive feel to offices, shopping malls, multiplexes and other prestigious buildings . These lifts owe their stunning looks to the large glass viewing panels which provide entertaining ride to passengers.

Capsule elevators work just as well as small personal lifts for private homes as they do in large office and commercial buildings. Installation on the exterior face of the building or in the lobby will totally change the look of a building. And of course, they incorporate state - of - the - art technology .

Option : A



Option : B



Option : A

| Load | | Car Inside | | | | Lift Well | | | | Entrance |
|--------|------|------------|------|------|-----|-----------|------|------|------|----------|
| Person | Kgs | A | B | J | G | C | D | F | H | E |
| 10 | 680 | 1100 | 1300 | 1400 | 650 | 2200 | 1325 | 1330 | 1100 | 800 |
| 13 | 884 | 1200 | 1400 | 1550 | 700 | 2400 | 1425 | 1430 | 1100 | 900 |
| 16 | 1088 | 1300 | 1500 | 1700 | 750 | 2800 | 1530 | 1530 | 1200 | 1000 |

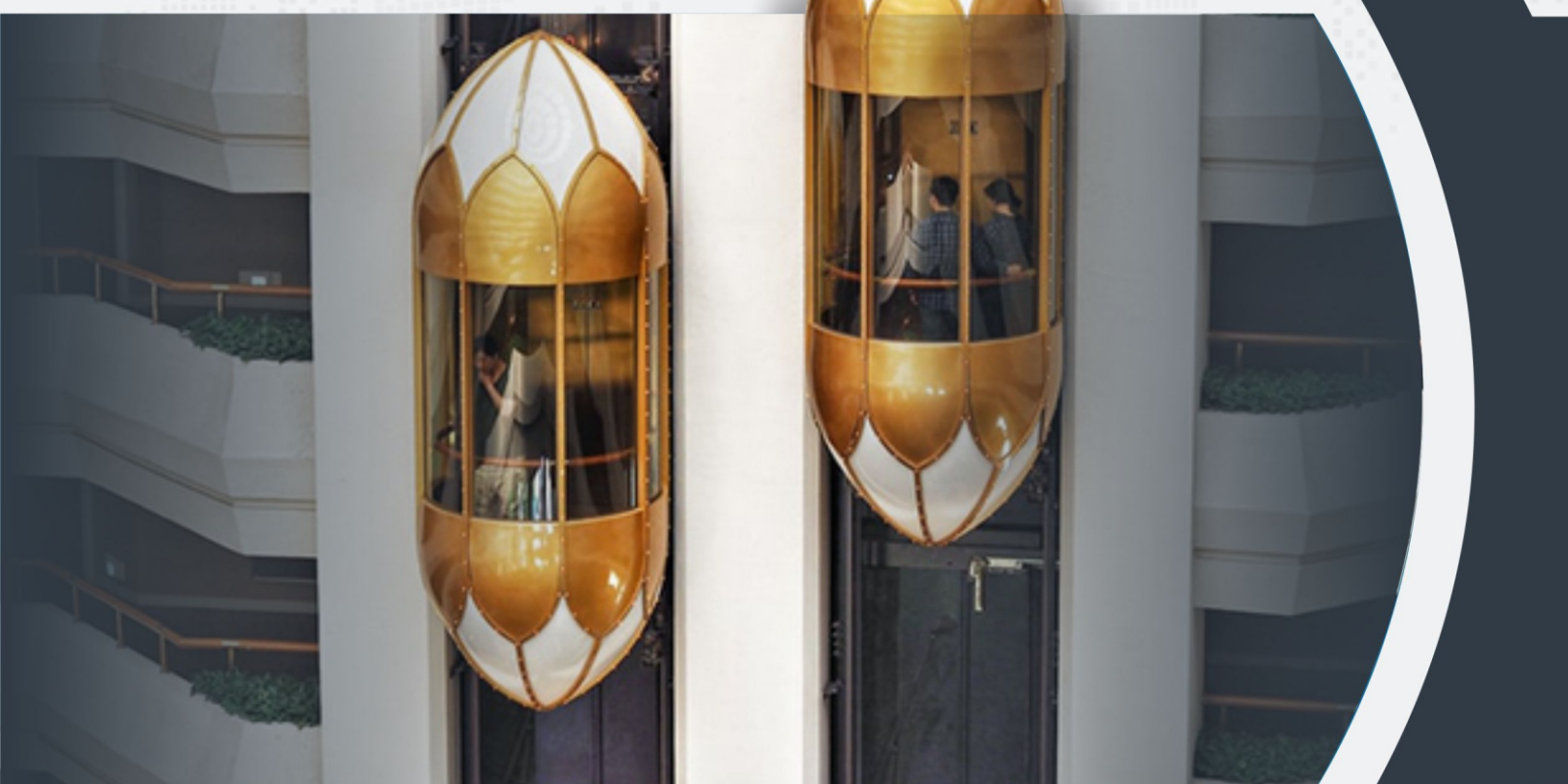
Option : B

| Load | | Car Inside | | | Lift Well | | | | Entrance |
|--------|------|------------|------|-----|-----------|------|------|-----|----------|
| Person | Kgs | A | B | G | C | D | F | H | E |
| 10 | 680 | 1100 | 1300 | 250 | 2200 | 1450 | 1480 | 580 | 800 |
| 13 | 884 | 1200 | 1400 | 300 | 2400 | 1550 | 1630 | 650 | 900 |
| 16 | 1088 | 1300 | 1500 | 350 | 2800 | 1780 | 1650 | 790 | 1000 |

Features of the Capsule Elevators

- Perfect combination of Aesthetics & performance .
- Tailor - made design to suite to your requirement.
- Smooth & noiseless door operation.
- Laminated safety glass rear panel of car.

Application

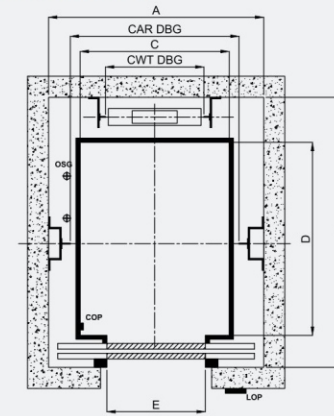


Hospital Elevator

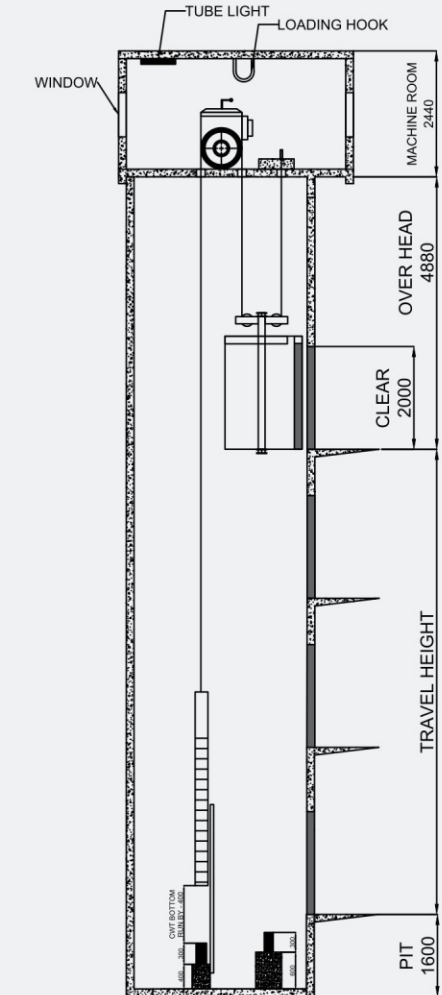
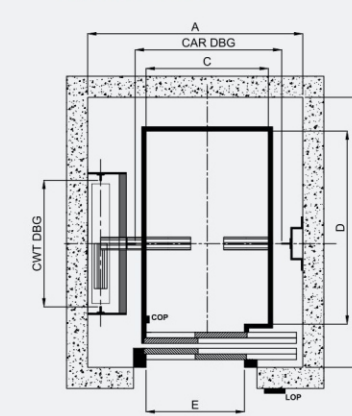
Hospital Lifts for Hospitals for easy transportation of bulky equipment as well as patients. Hospital Lifts are best to carry gurneys, stretchers as well as wheel chairs. Hospital Lifts are usually provided with Centre and Telescopic opening with Power Operated Doors for easy use by patients.

Specifically designed for hospital applications, these products are the efficient carrying of heavy hospital beds and stretchers. These products are widely admired for sturdy construction, excellent resistance to corrosion & wearing and hassle free maintenance. Hospital Lift is designed by the various specifications given by the clients.

Option : A



Option : B



Option : A - Automatic Centre Opening Door Lifts

| Person | Capacity | Shaft-W | Shaft-D | Car-W | Car-D | Entrance |
|--------|----------|---------|---------|-------|-------|----------|
| | Kg | A | B | C | D | E |
| 15 | 1020 | 1900 | 3000 | 1200 | 2400 | 800 |
| 20 | 1360 | 2300 | 3000 | 1500 | 2400 | 900 |
| 26 | 1768 | 2600 | 3000 | 1800 | 2400 | 1000 |

Option : B - Automatic Telescopic Door Lifts

| Person | Capacity | Shaft-W | Shaft-D | Car-W | Car-D | Entrance |
|--------|----------|---------|---------|-------|-------|----------|
| | Kg | A | B | C | D | E |
| 15 | 1020 | 1700 | 3000 | 1200 | 2400 | 800 |
| 20 | 1360 | 1950 | 3000 | 1500 | 2400 | 900 |
| 26 | 1768 | 2100 | 3000 | 1700 | 2400 | 1000 |

Features

- ▶ **Operations** : Operationally efficient for carrying of heavy hospital beds and stretchers.
- ▶ **Door styles** : Centre opening Telescopic Power Operated Doors for easy use by patients.
- ▶ **Sturdy construction** : Excellent resistance to corrosion & wearing and hassle free maintenance.
- ▶ **Safety features** : Hospital elevator comes fully equipped with automatic controls and safety features like an emergency stop button, emergency alarm, intercom that accommodates a standard household phone.
- ▶ **Full collective controller system**



Intellectual Control



Noise Reducing



Smooth & Comfortable

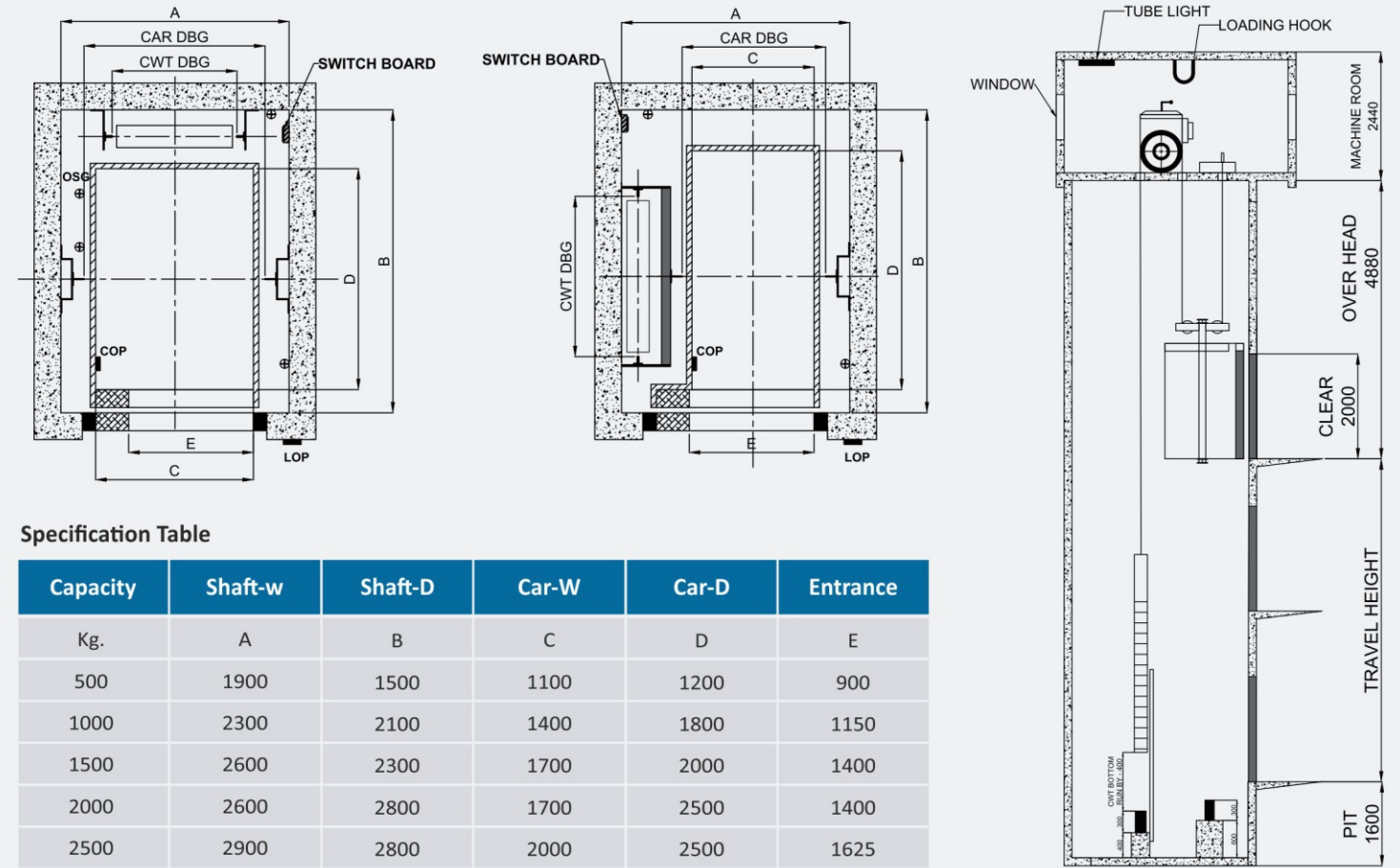


Goods Elevator

Greater accuracy of levelling, adequate speeds and capacity, are advantages of choosing a goods lift with firozger elevator. Goods lifts are for easy transportation of bulky equipment. Goods elevators are known for their high speed and smooth operations. Designed as per the set industry standards. We offer wide range of Goods Elevators for various kinds of applications with a capacity ranging from 500 Kg to 5000 Kg.

The location of lifts in factories, warehouses and similar buildings should be planned to suit the progressive movement of goods throughout the buildings, having regard to the nature of position of the loading platforms, railway sidings, etc.

Manual Door - MRL System



Specification Table

| Capacity | Shaft-w | Shaft-D | Car-W | Car-D | Entrance |
|----------|---------|---------|-------|-------|----------|
| Kg. | A | B | C | D | E |
| 500 | 1900 | 1500 | 1100 | 1200 | 900 |
| 1000 | 2300 | 2100 | 1400 | 1800 | 1150 |
| 1500 | 2600 | 2300 | 1700 | 2000 | 1400 |
| 2000 | 2600 | 2800 | 1700 | 2500 | 1400 |
| 2500 | 2900 | 2800 | 2000 | 2500 | 1625 |
| 3000 | 2900 | 3300 | 2000 | 3000 | 1625 |

Features

- ▶ We offer a wide range of Freight Elevators for various kinds of applications with a capacity ranging from 500 kg to 5000 kg.
- ▶ We recommend and offer different freight elevator styles based on your desired application and specific requirements.
- ▶ Any size of pallets can be easily fitted into our designed cabin sizes.
- ▶ Even automated guided vehicles (AGV) are also added into lift cabins.

100% Quality : We Always provide the Quality products!

Complete Package : We have Complete Solution For All of your Needs

Prompt Service : We are Always On Time For Your Service.

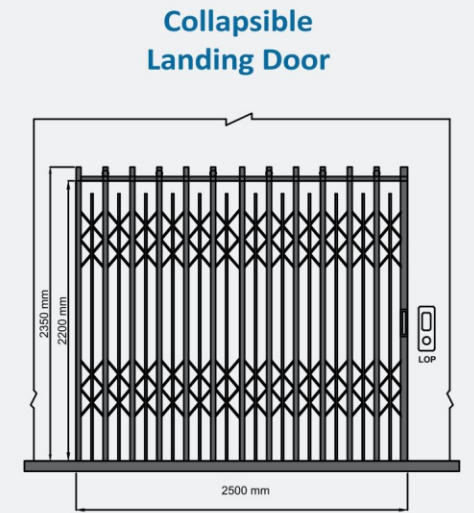
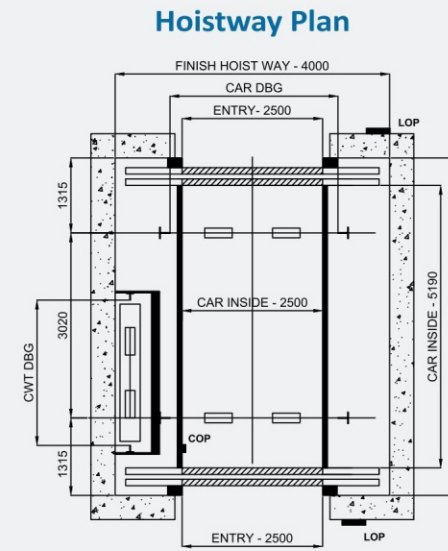


AutoMobile Elevator

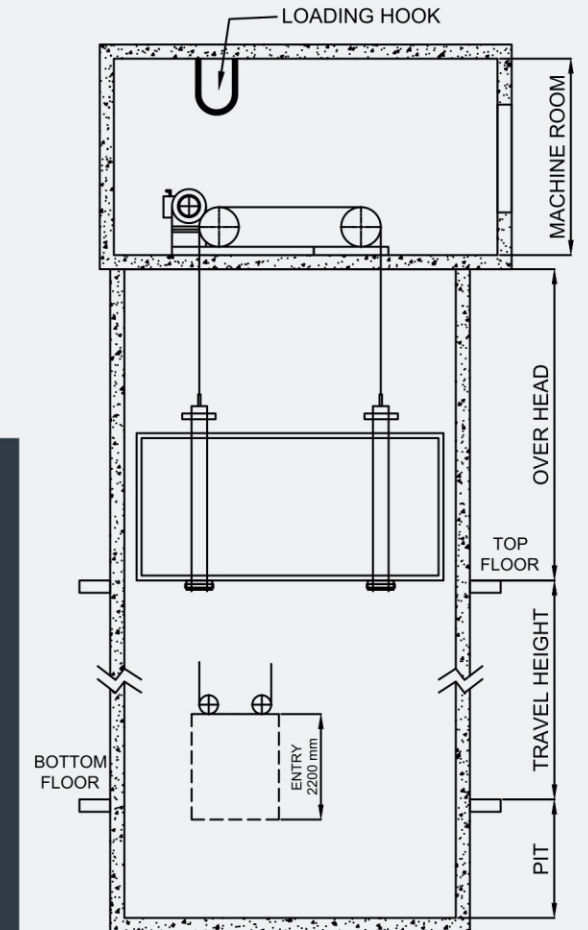
New Level of Parking Freedom

Car elevators help to alleviate the problems of finding sufficient parking space in busy areas, and save on costly land in commercial spaces. These lifts smoothly transport vehicles to the tops of buildings, or to basements and showrooms.

They are carefully engineered for independent access of vehicles in private homes or multi family residences where space is valuable.



| Description | Vertical Transportation for Cars / LMVs |
|------------------|---|
| Segment | Industrial applications & Car Parks |
| Max. travel (M) | 100 (Solutions available for higher travel) |
| Max. Load (Kg.) | 500 - 3000 kg |
| | per persons (Solutions available for higher capacities) |
| Max. Speed (m/s) | 0.5 mps (Solutions available for other speeds) |
| Max. Group Size | Simplex |

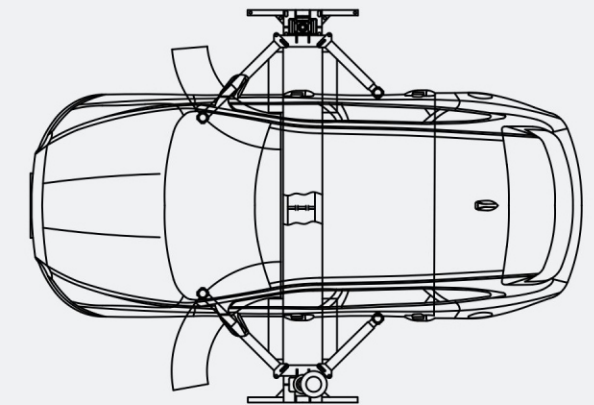
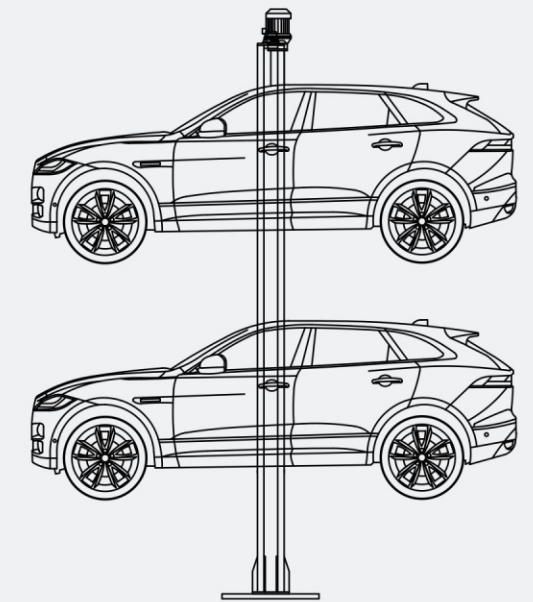
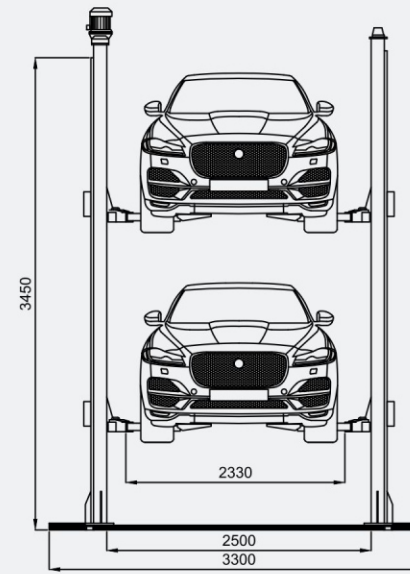


Car Stacker Parking

Two Car Parking System

Salient Features :

This system features a pallet that is lifted up after the car is loaded. Thus additional parking can be made available in the space below the loaded pallet. Both indoor and outdoor Installations are possible, Installation can be done on simply flat area with no additional architectural work. These systems are hydraulically operated. Preferably these systems are valet parking systems.



Technical Specification

| Model | ESR-001 |
|------------------------|---|
| Stall Length | 4.0 Meter |
| Stall Width | 2.2 Meter |
| Pole Height | 3.4 Meter |
| Max Travailing Height | 2.0 Meter |
| Rated Lifting Capacity | 2000 kg |
| Rated Speed | Up 0.04 M/S Down 0.05 M/S |
| Operation | Hydraulic Power Pack with 2HP Motor, One Cylinder with Control Panel (Per Unit) Operated by Key |
| Electrical Requirement | 3 - Phase 415V 50Hz / 1 - Phase 220V |

Advantages of the System

- ▶ Advantages Characteristics of the System : Saves Land area and take full use of the current space to raise the number of parking cars.
- ▶ The structure is simple, united and easy for operation
- ▶ Suitable for Car Models - Sedan for all levels & SUV for only ground level.
- ▶ Adapted Places : Apartments, yards & lower height of basements, IT parks, Hotels. It can be used both indoor & outdoor
- ▶ These are meant for parking two passenger cars one over the other and are standard units for accommodating two cars in the space of one. These can be installed in a series one besides another.

Escalator

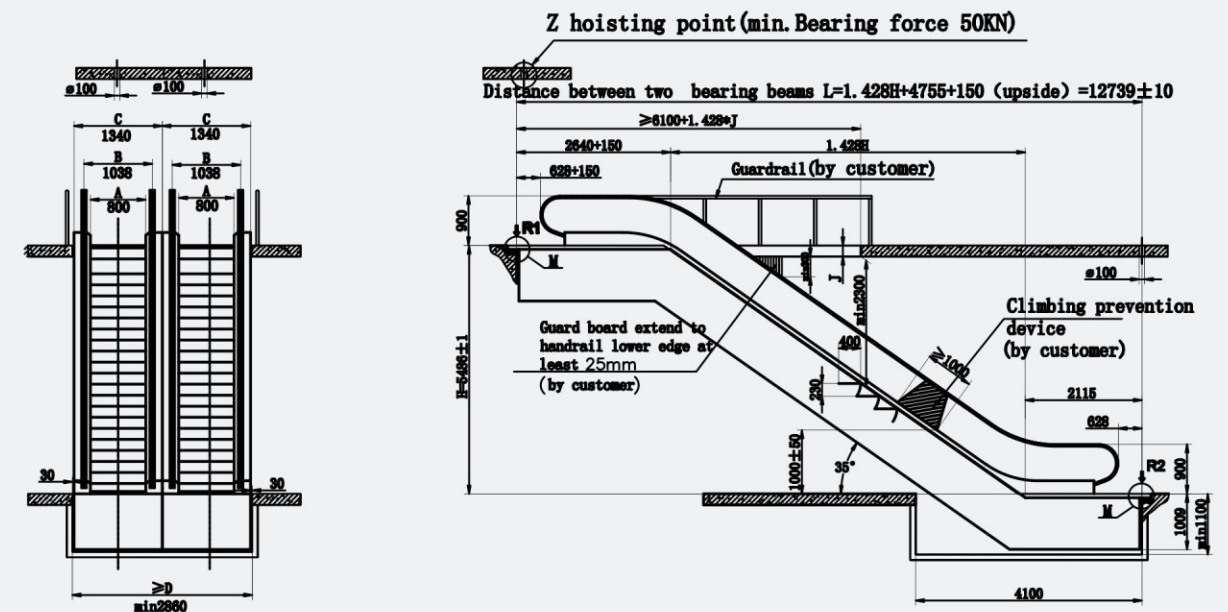
An escalator is a moving staircase that carries people between floors of a building or structure. It consists of a motor-driven chain of individually linked steps on a track that cycles on a pair of tracks that keep them horizontal.

The escalator is often used around the world in places where lifts would be impractical, or they can be used in conjunction with them. The principal areas of usage include department stores, shopping malls, airports, transit systems (railway/railroad stations), convention centers, hotels, arenas, stadiums, and public buildings.

The escalator has the capacity to move large numbers of people. They can be placed in the same physical space as a staircase. They have no waiting interval (except during very heavy traffic). They can be used to guide people toward main exits or special exhibits. They may be weatherproofed for outdoor use.

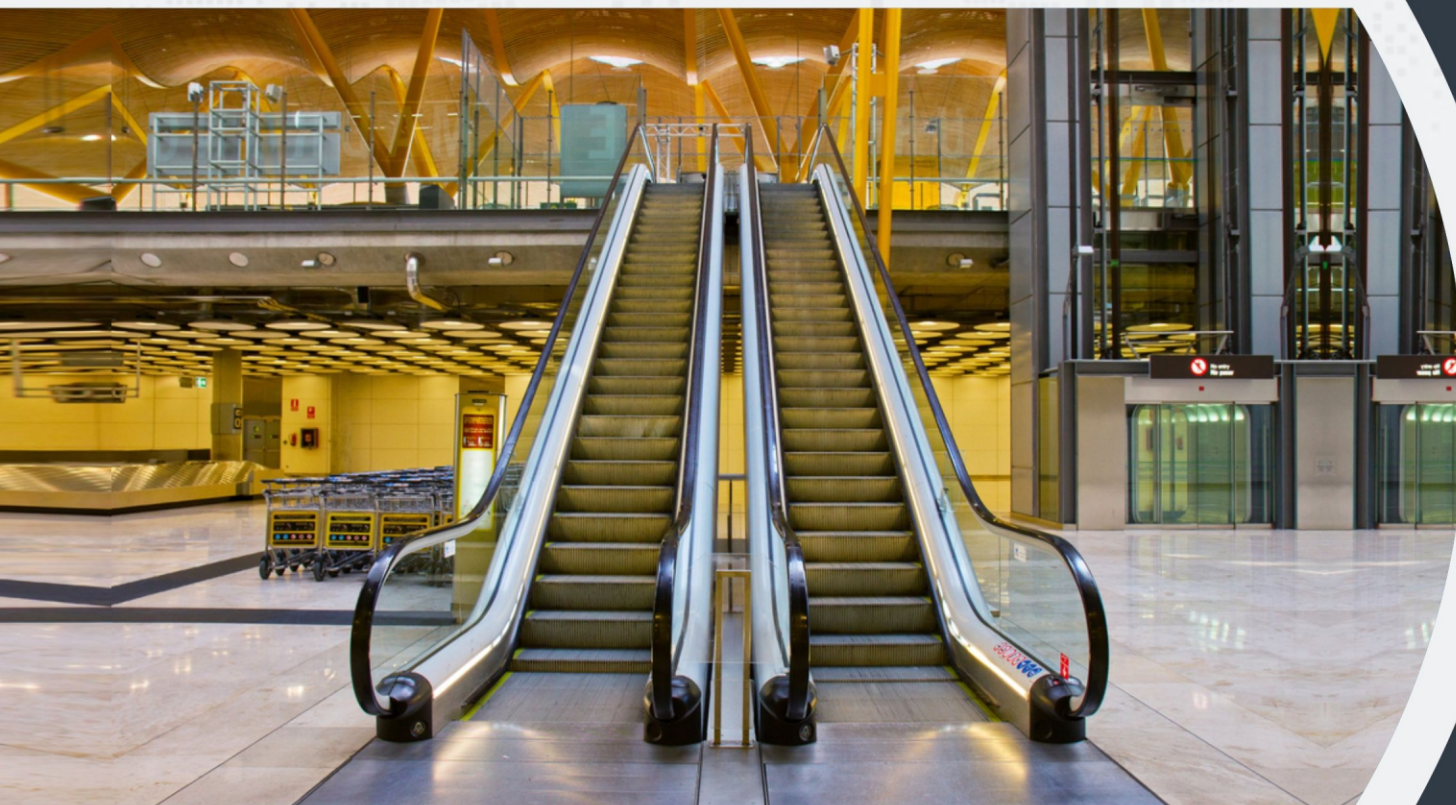
Advantages of Escalators

- ▶ It is more efficient as people don't have to wait as in the case of an elevator.
- ▶ Its speed can be adjusted as per crowd management and can be turned off when not in use.
- ▶ It has more loading capacity and allows a large number of people to move from one place to another at the same time.



| Basic Specifications | |
|----------------------|--|
| Installation | Indoor |
| Inclination | 30°/35° (max. 6m for 35°) |
| Step Width | 600/800/1000 mm |
| Horizontal Step Run | 800/1200 mm |
| Speed | 0.5 m/s |
| Capacity | 3600/4800/6000 pers/hr for step width 600/800/1000 mm Respectively |
| Power Supply | AC 3-phase, 50/60 Hz |
| Lighting Supply | AC Single |

| Finishes | |
|--------------------|---|
| Balustrade Design | Vertical safety glass (10mm safety tempered glass) |
| Balustrade Profile | Hairline ST |
| Handril | Black & Red (optional) |
| Deckings | Hairline ST |
| Skirting Panel | Hairline ST |
| Step | Black Stainless Steel. Die-cast aluminium, painted silver grey optional |
| Landing Plate | Etched St / ST with anti slip pattern |
| Operation Panel | Red emergency stop button , up / down key switches |



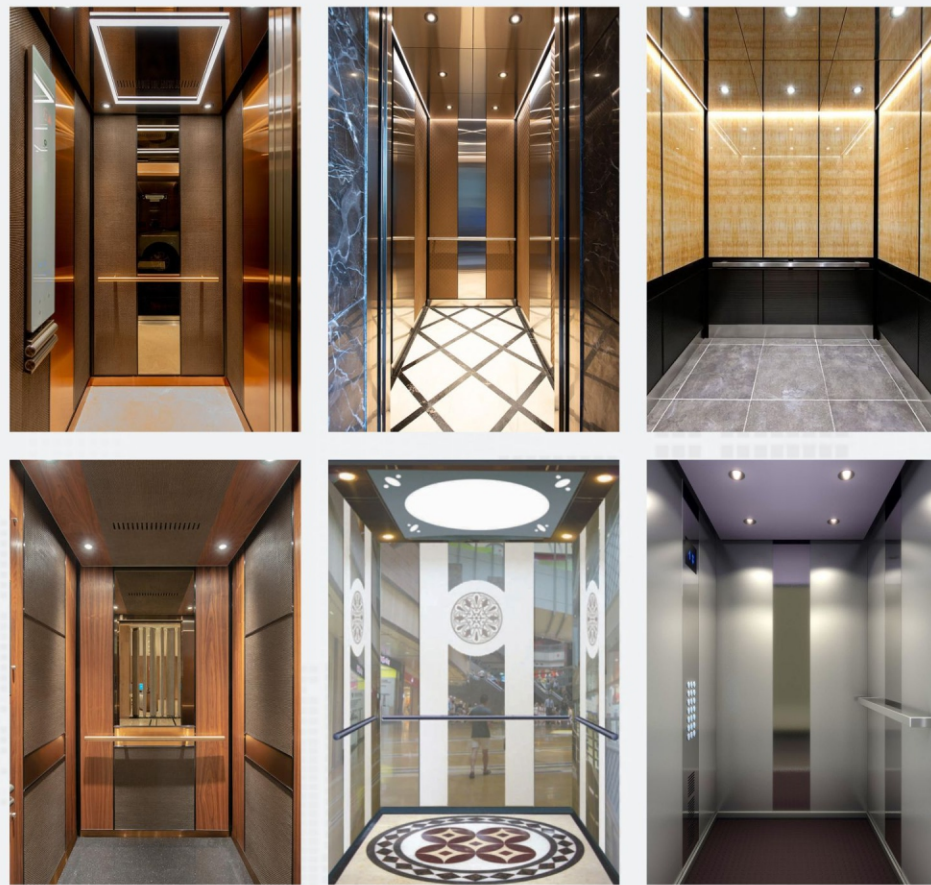
Specification

1. Lightening power : single phase 220VAC, 15A. Customer provide grounding terminal with resistance no bigger than 40.
2. Pit bottom should be smooth and bright, water proof. No need pit if escalator was installed above second floor.
3. The pressure here is for one unit, when two in parallel, the girder bear pressure more than twice of it.
4. If there is middle support, it should be firmly welded with the truss, distance between two adjacent supports should no more than 15m.
5. Three sides decoration of truss is by customer.
6. ' s ' in drawing stands for floor plate thickness. Main power : 380/220V 3 - phase 5 - line.

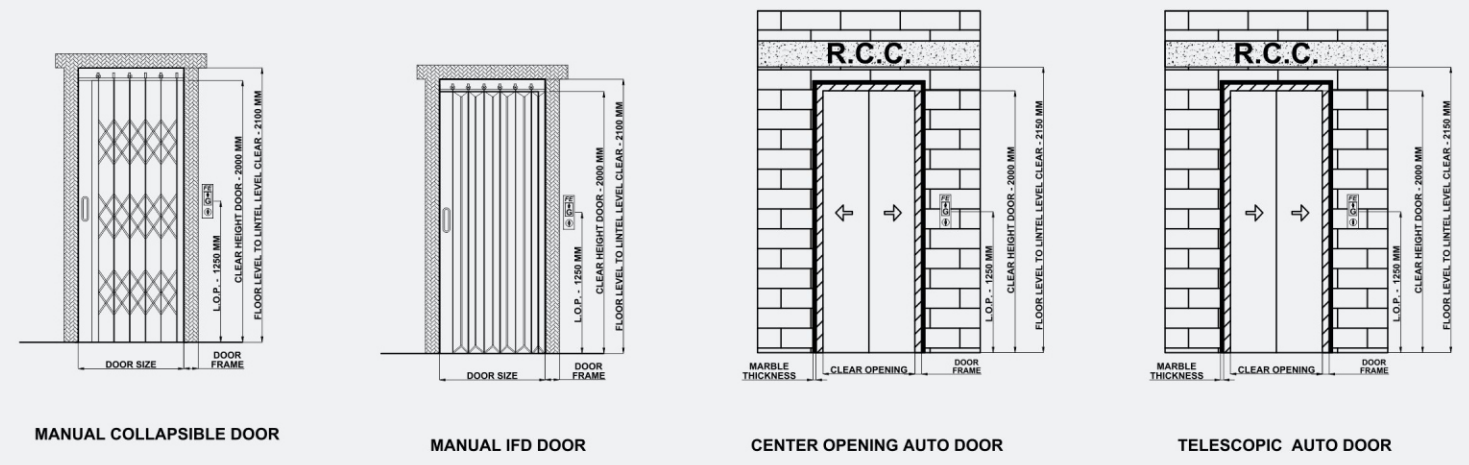
Features And safety devices

- ▶ Overspeed Protection
- ▶ Motor Overload Protection
- ▶ Lack Of Phase, Error Phase Protection
- ▶ Electrical Appliance Loop Protection
- ▶ Broken Drive Chain Safety Device
- ▶ Direction Reversal Protection
- ▶ Emergency Stop Button
- ▶ Brake Protection
- ▶ Safety Inspection Switch
- ▶ Alarm Bell Starting Device
- ▶ Vvfv Inverter Control Technology
- ▶ Automatic Start / Stop

Cabin Design



Types of Door & Door Frame



M.S. Swing Door

Imperforated Door

Manual Sliding Glass Door



Center Opening Auto Door

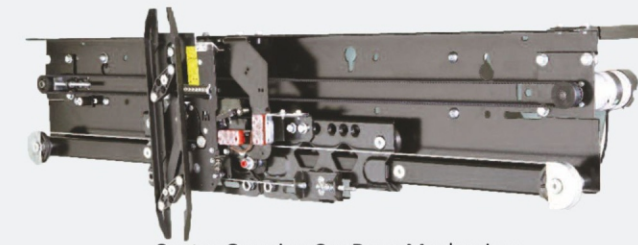
Full Vision Center Opening Auto Door

S.S. Two Fold Telescopic Door

Operating Panels



Elevators Accessories



Center Opening Car Door Mechanism



2-Panel Side Opening Car Door Mechanism



Over Speed Governor



Firozger Control Panel



Control Panel

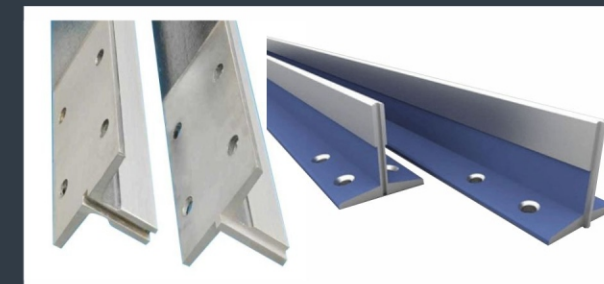
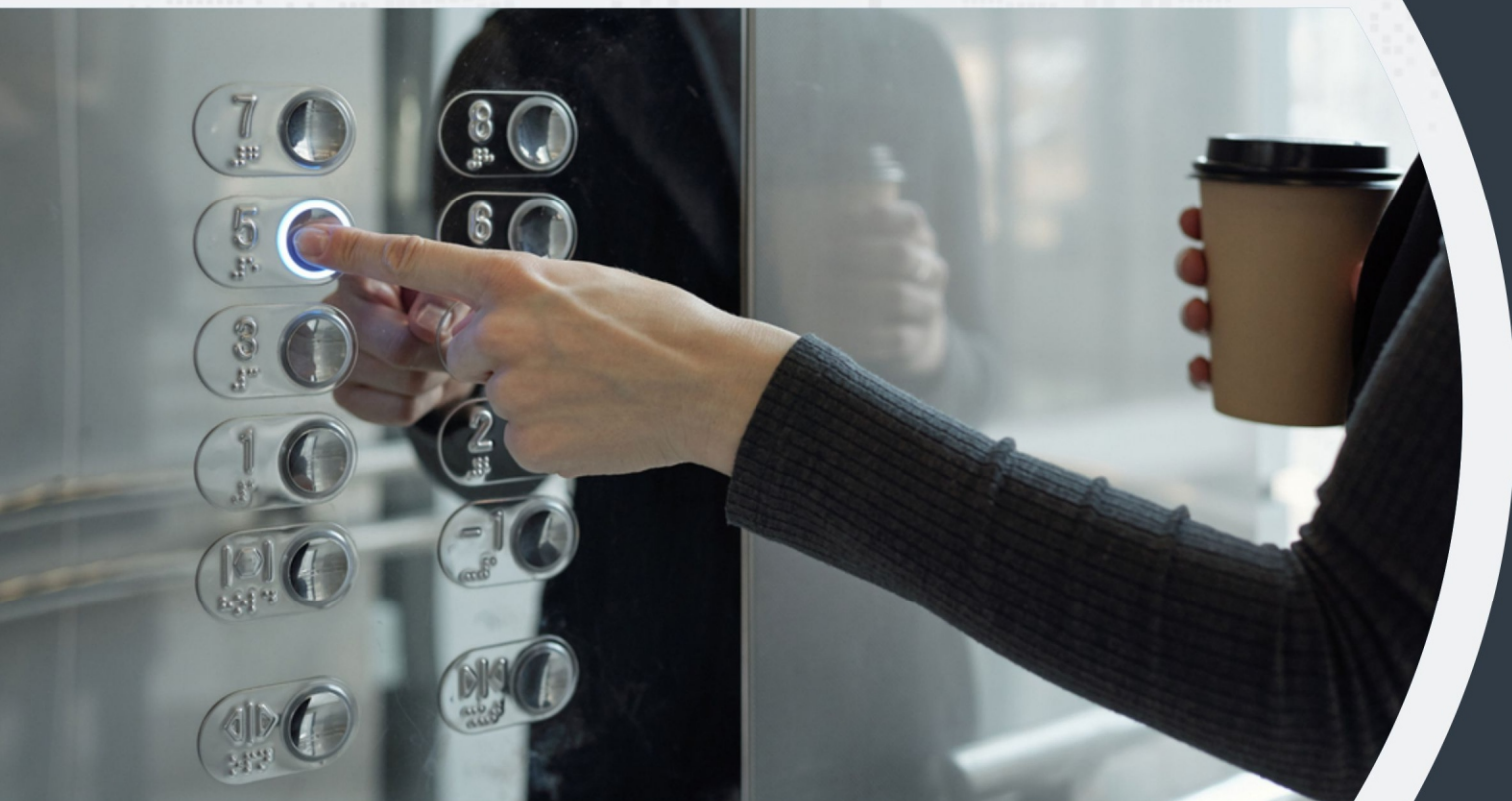


MR Machine



MRL Machine

Elevator Machine



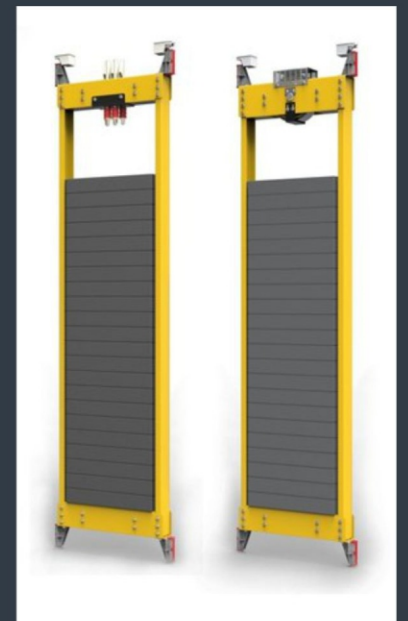
Guide Rail



Car Frame



Wire Rope



Counter Frame

Routine Elevator Maintenance Checklist

To maintain proper elevator operation, check and correct

- › Response time
- › Travel time between floors
- › Levelling
- › Door operation
- › Starting and stopping
- › Landing & Car call lights and floor indicators
- › Proper Lubrication for smooth functioning

To maintain the physical condition of an elevator

- › Maintain cleanliness
- › Check for and repair interior damage
- › Check signage and repair when necessary

To maintain elevator support systems, check and repair

- › Emergency lighting and alarms
- › Communications devices (for example, intercoms or telephones)

Preventative Elevator Maintenance

Our proactive and preventative elevator maintenance plans help customers save money and minimize downtime by avoiding breakdowns, costly repairs and unplanned replacement of parts.

Our elevator maintenance plans are specifically designed to keep systems running consistently by finding, diagnosing and fixing problems before they cause a shutdown.

"Drive-by maintenance" and brief checks by a technician won't do much to prevent issues. That's why our preventative maintenance plans define specific monthly tasks and include the time necessary for our technicians to carefully complete the work.

We are Associated with



Standard Feature

- › Overload System
- › Automatic Bypass
- › Intercom
- › Emergency Car Lighting
- › Car Light
- › Fan Automatic Shut Off
- › Car Call Cancellation
- › Attendant Service
- › Door Photosensor
- › Fireman Operation
- › Next Landing
- › Independent Operation

Our Presence

Head Quarter Surat

Navsari

Valsad

Vapi

Bardoli

Vyara

Songadh

Bharuch

Vadodara

Contact Details

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