

Smooth **RIDE**
Different **EXPERIENCE**



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Company Profile

Speed Elevators was founded in 2009. 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.

Speed Elevators 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 12 years, Speed Elevators have carved a niche for itself and has succeeded in getting orders of over 1500 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 Speed Elevators 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 Speed Elevators range. While functional aesthetics do play a prominent part in Speed Elevators 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 Speed Elevators 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 Speed customer promise

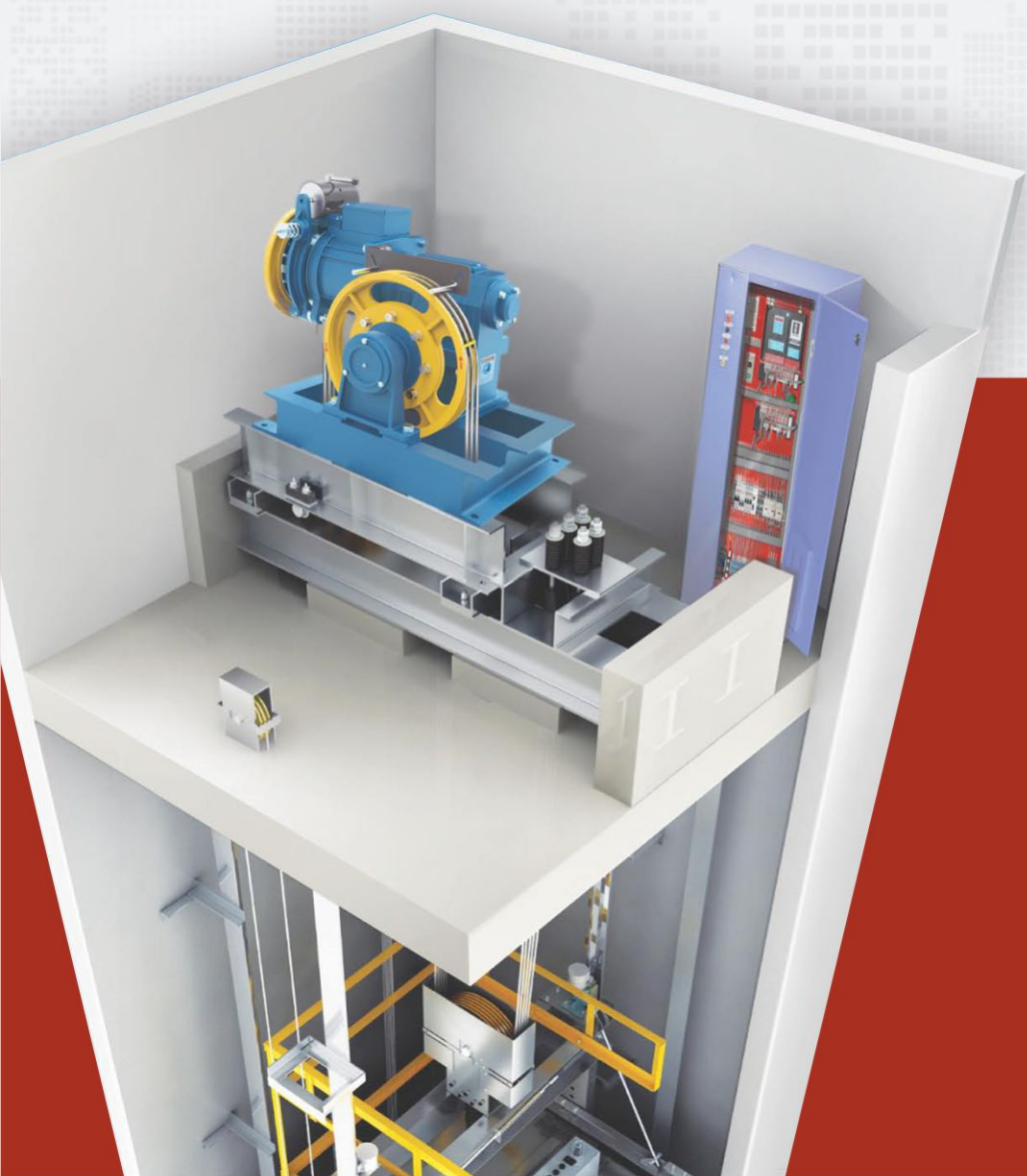
We promise that our product, our service, and our action will at all times be worthy of the description: Professional, Trusted, and Smart. These three words sum up our commitment to adding value to our customers' buildings and businesses through reliability, intelligence and innovation.

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.

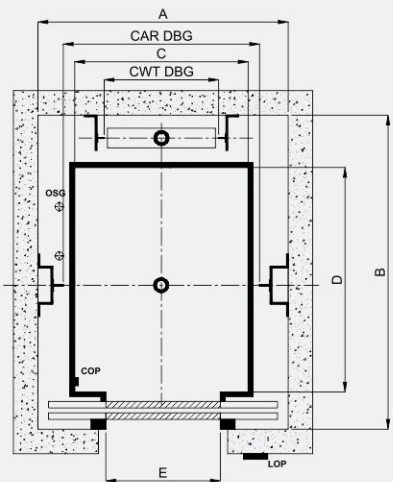
Ideal for high and medium - rise buildings. Traction elevator delivers smooth, quick acceleration, energy efficiency and attractive cost for high - rise buildings. Especially, these lifts impress with their versatility, power and speed.

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 .

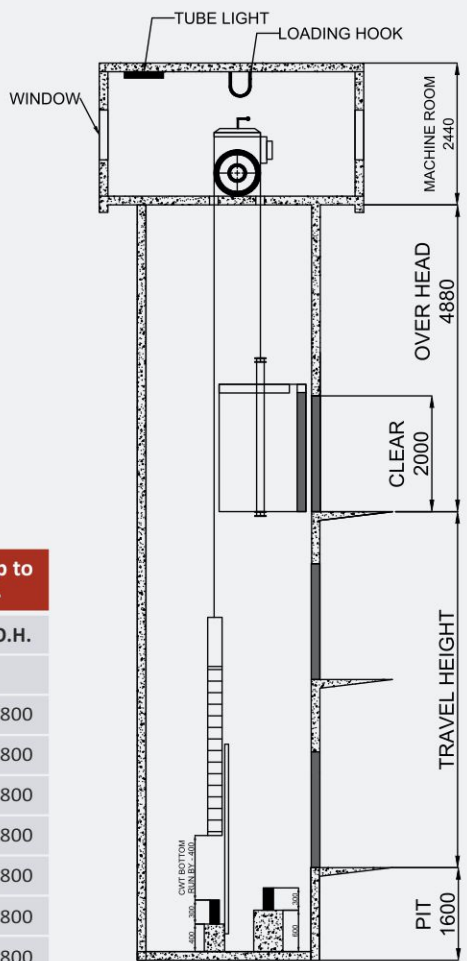
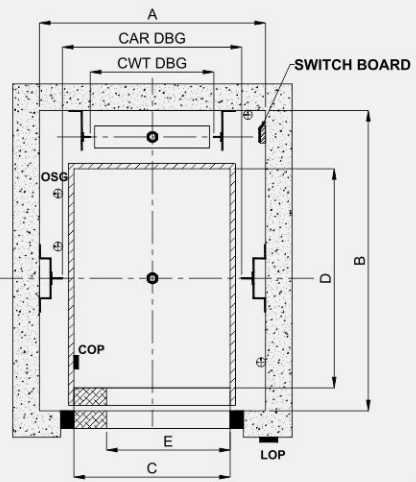


Floor
04

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 smoothness 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

Floor
05

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.

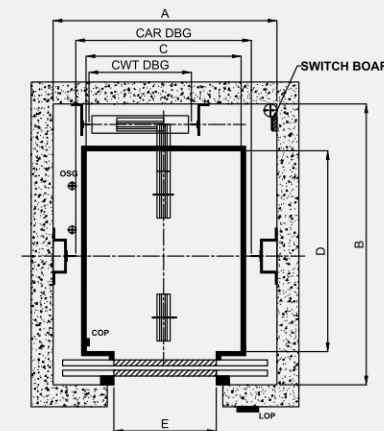
Most of machine room less elevators are used for low to mid rise buildings. Machine room less elevators in mid-rise buildings usually serves up to 20 floors, also depends load capacity of car.

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.

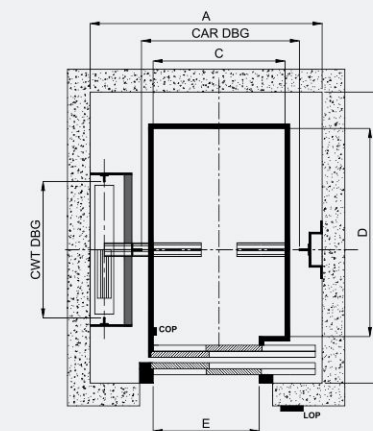


It saves **25%** of total elevator equipment area. it reduces **40%** of space occupation.

Option : A

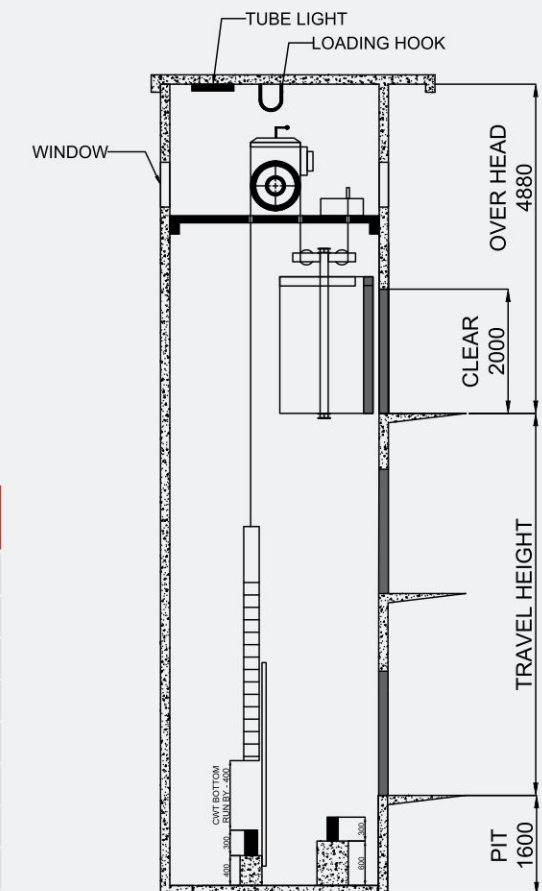


Option : B



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

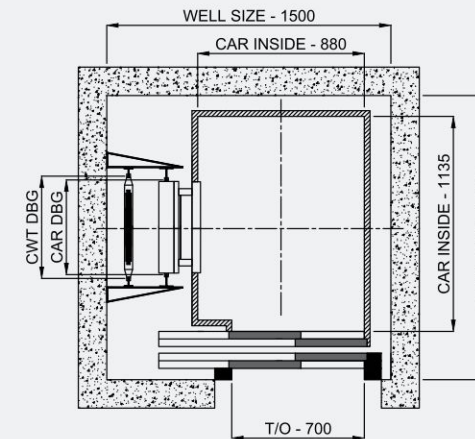
Home Elevator

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.

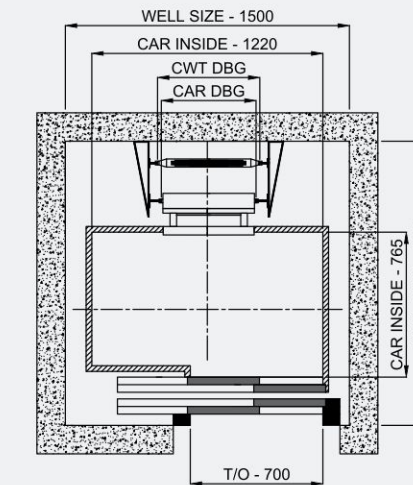
Until recently, home elevators had for a long time been considered an extreme luxury or something most people considered a medical necessity. However, this has drastically changed with the dropping cost of the equipment and installation and changes in people's lifestyle and tastes today.

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

Option : A

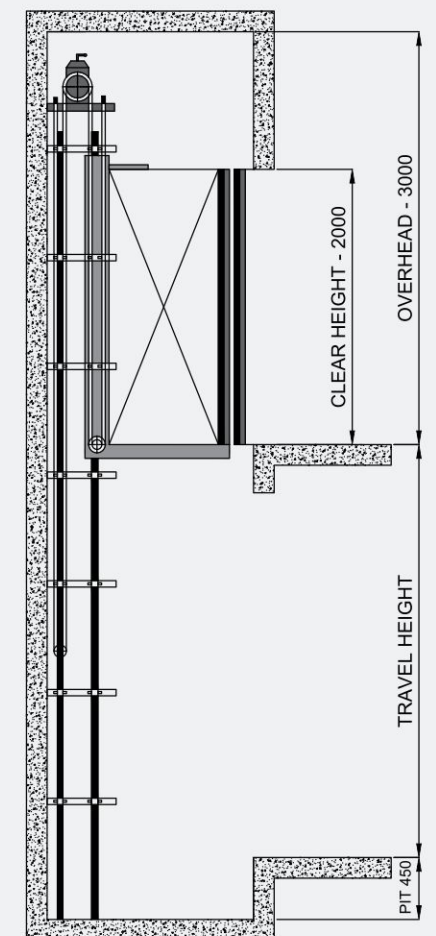


Option : B



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



HOISTWAY ELEVATION DRAWING



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



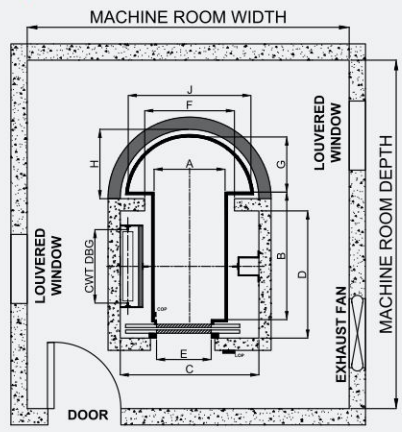
Comfortable

Capsule Elevator

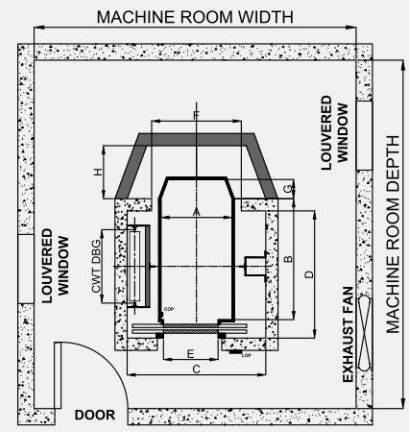
Glass capsule elevators give an upscale, attractive feel to offices, shopping malls, multiplexes and other prestigious buildings . These lifts owe their stunning looks to the large glass viewing panels which provide entertaining ride to passengers.

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

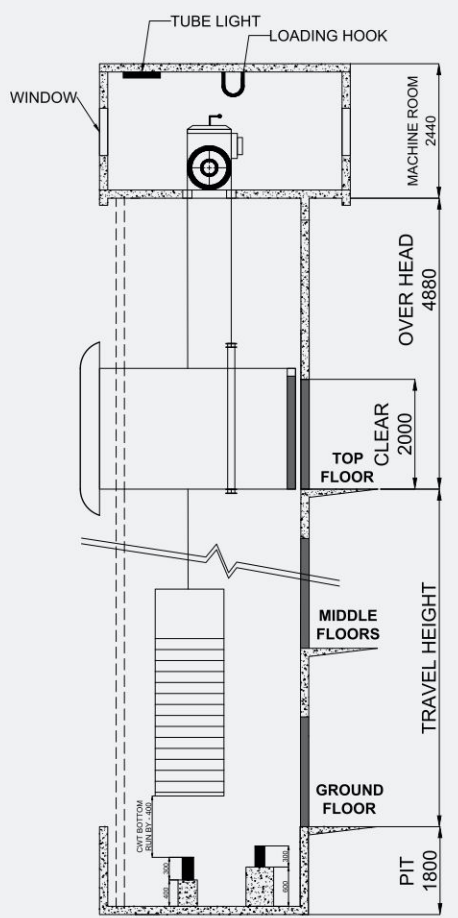


Option : A

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



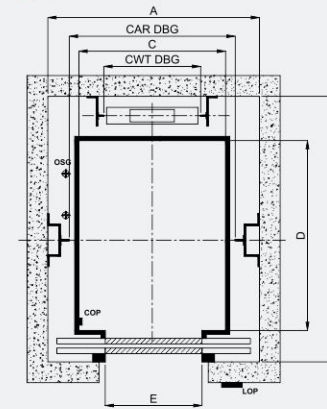
Hospital Elevator

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.

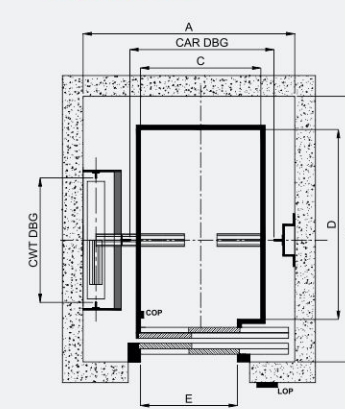
Specifically designed for hospital applications, these products are the efficient carrying of heavy hospital beds and stretchers. These products are widely admired for sturdy construction, excellent resistance to corrosion & wearing and hassle free maintenance. Hospital Lift is designed by the various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



Option : A



Option : B

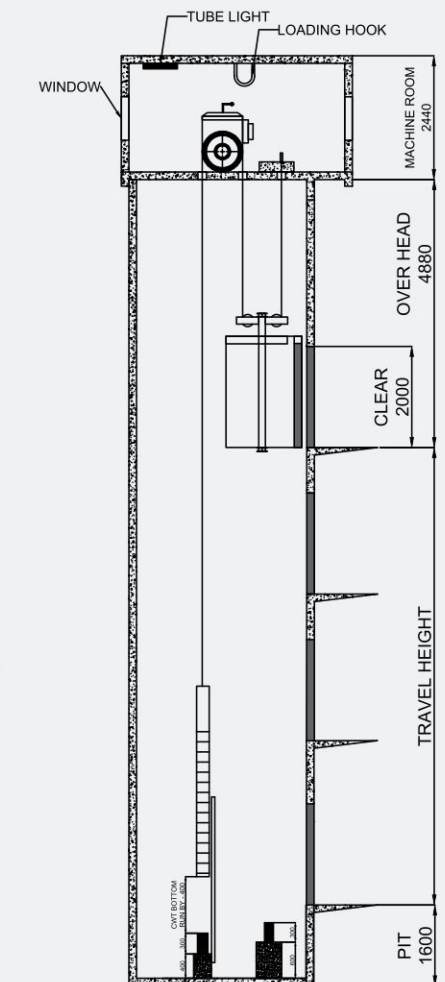


Option : A - Automatic Centre Opening Door Lifts

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

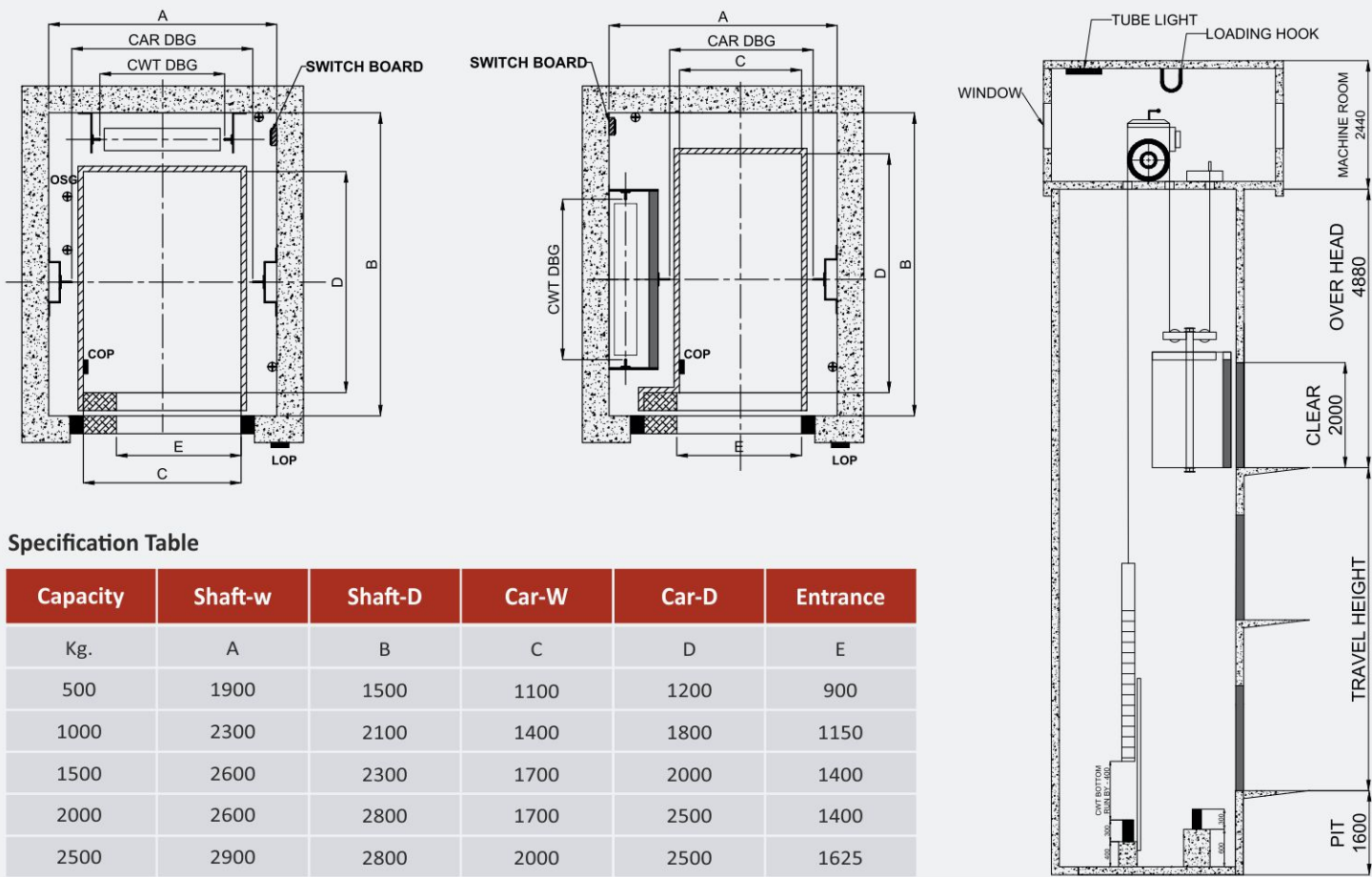
Goods Elevator

Greater accuracy of levelling, adequate speeds and capacity, are advantages of choosing a goods lift with Speed 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.

Hydraulic Elevator

Looking for a low maintenance elevator ? Hydraulic is provide the advantages of being relatively inexpensive, safe and easy to maintain They're very convenient and cost effective solution for low - rise buildings with low traffic Hydraulic elevators have been rated the safest option for home elevators They boast superb user friendliness and easy access machine room located at the basement Once they are put in place hydraulic elevators provide the smoothest rides possible.

Express hydraulic lifts gives you :

- ▶ Safe, secure and powerful vertical transportation.
- ▶ Low installation and maintenance cost compared to a traction lift.
- ▶ A longer operating lifetime.
- ▶ Comfort and low noise.
- ▶ Simple & fast installation.
- ▶ Single-time phase-3 power (for ascending) and phase-1 (for descending)
- ▶ Low unit cost, even with minimal inventory.



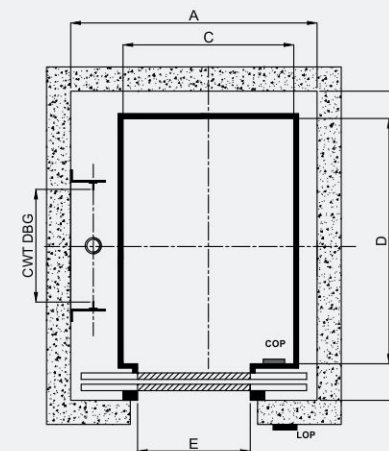
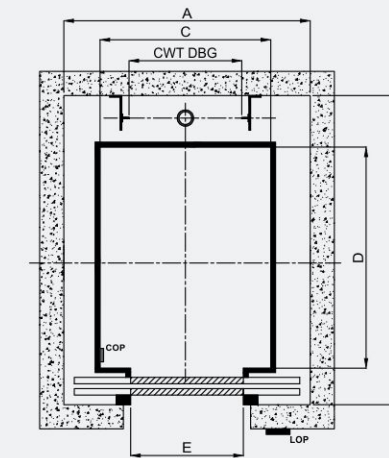
Power Pack Unit



Pulley

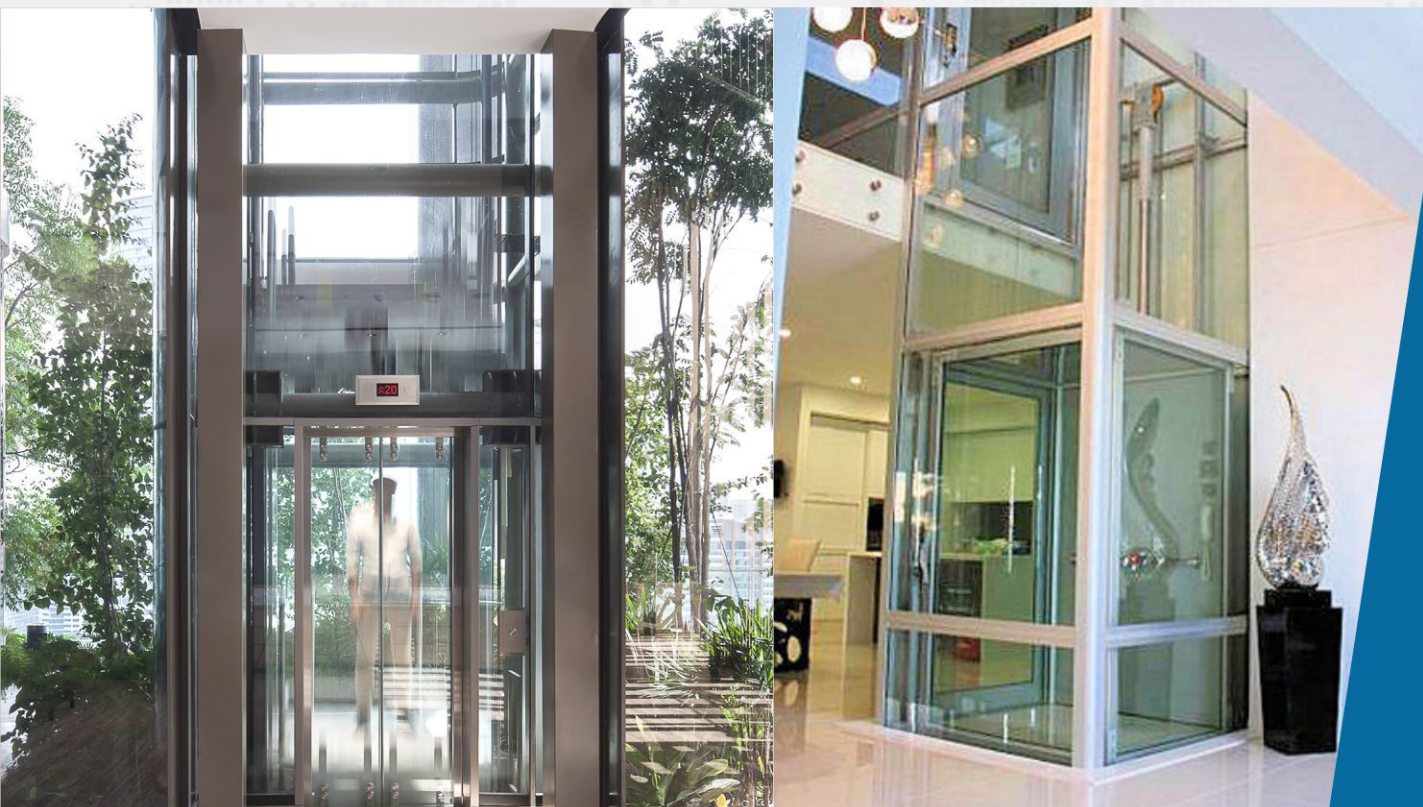


Valve



Person	Capacity Kg.	Shaft-W (A)	Shaft-D (B)	Car-W (C)	Car-D (D)
3	225	1200	1200	800	900
4	300	1250	1350	850	1050
5	375	1400	1400	1000	1100
6	450	1500	1500	1100	1150
8	600	1500	1700	1100	1400
10	750	1600	1850	1200	1550
12	900	1700	1950	1300	1650
15	1125	1700	2300	1300	2000
20	1500	1800	2700	1400	2400
24	1800	1800	2800	1500	2500

Person	Capacity Kg.	Shaft-W (A)	Shaft-D (B)	Car-W (C)	Car-D (D)
3	225	1500	1500	800	900
4	300	1550	1550	850	1050
5	375	1700	1700	1000	1100
6	450	1800	1800	1100	1150
8	600	1800	1800	1100	1400
10	750	1900	1900	1200	1550
12	900	2000	2000	1300	1650
15	1125	2000	2000	1300	2000
20	1600	2100	2100	1400	2400



Advantages & Benefits



40%
Energy Saving

Low
Noise

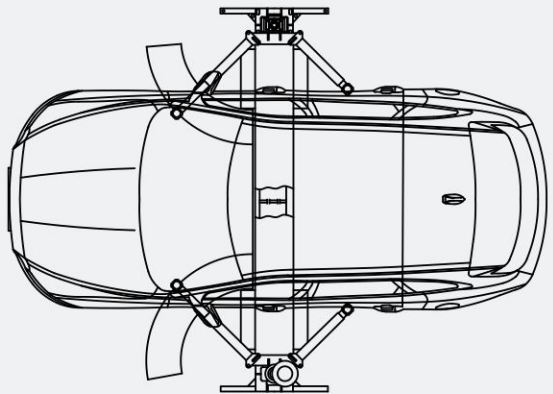
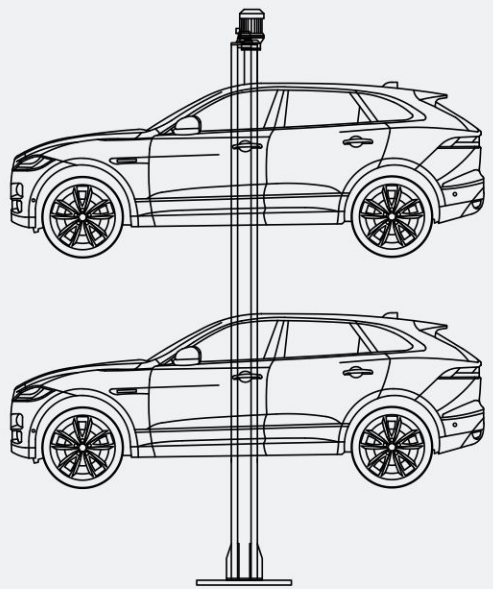
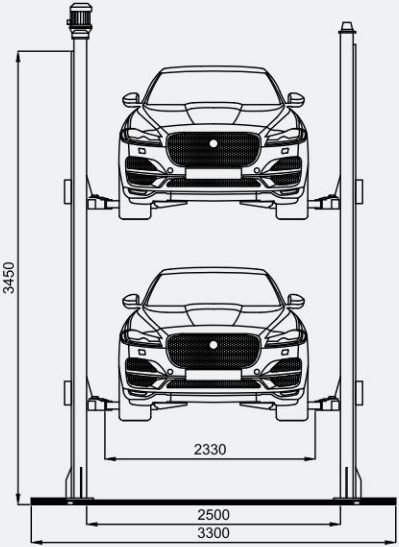
Eco
Fraindly

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

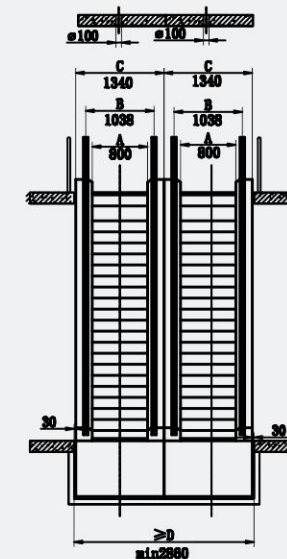
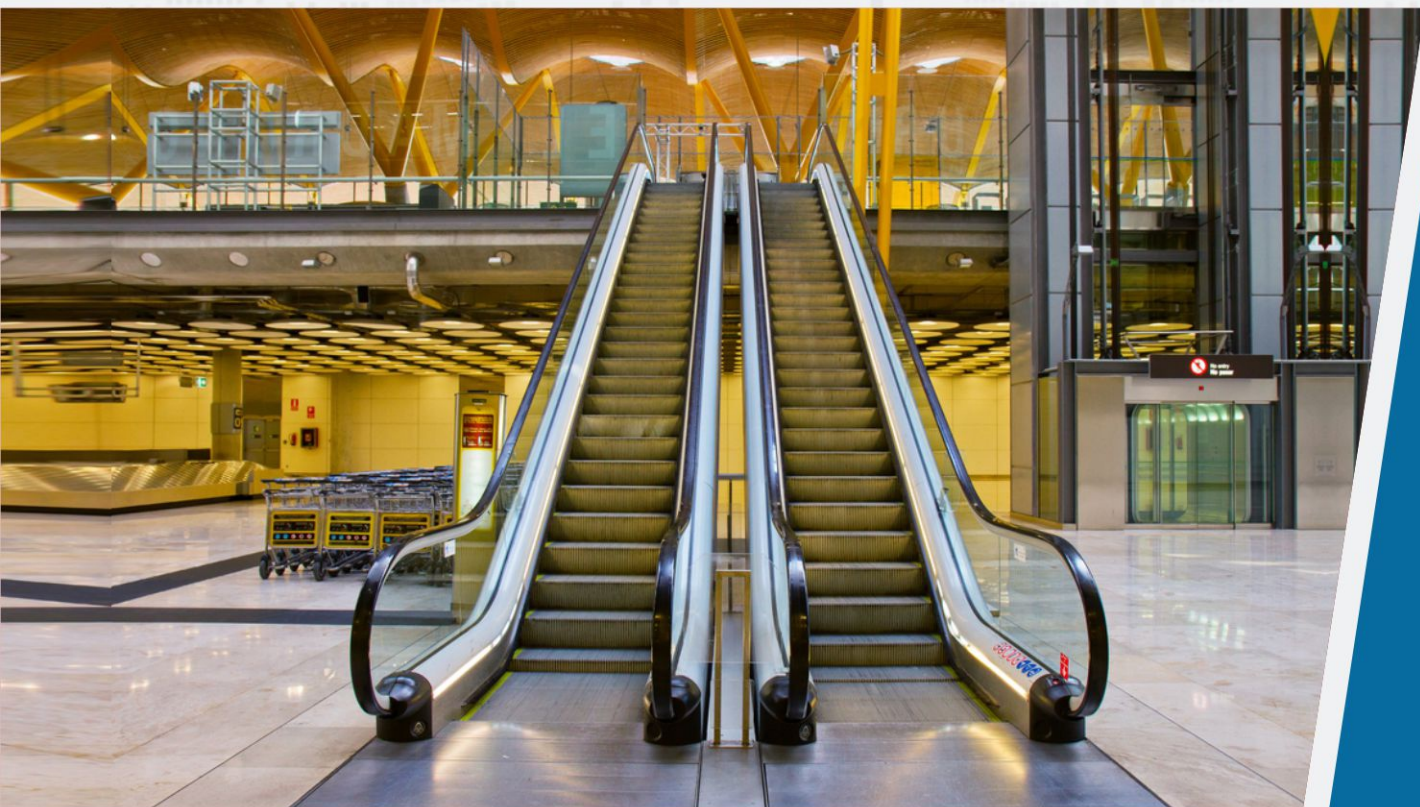
An escalator is a moving staircase that carries people between floors of a building or structure. It consists of a motor-driven chain of individually linked steps on a track that cycles on a pair of tracks that keep them horizontal.

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.

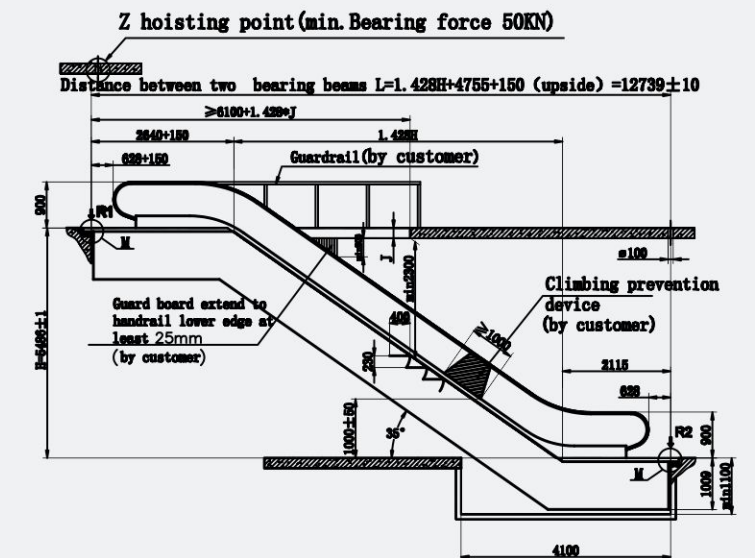
The escalator has the capacity to move large numbers of people. They can be placed in the same physical space as a staircase. They have no waiting interval (except during very heavy traffic). They can be used to guide people toward main exits or special exhibits. They may be weatherproofed for outdoor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

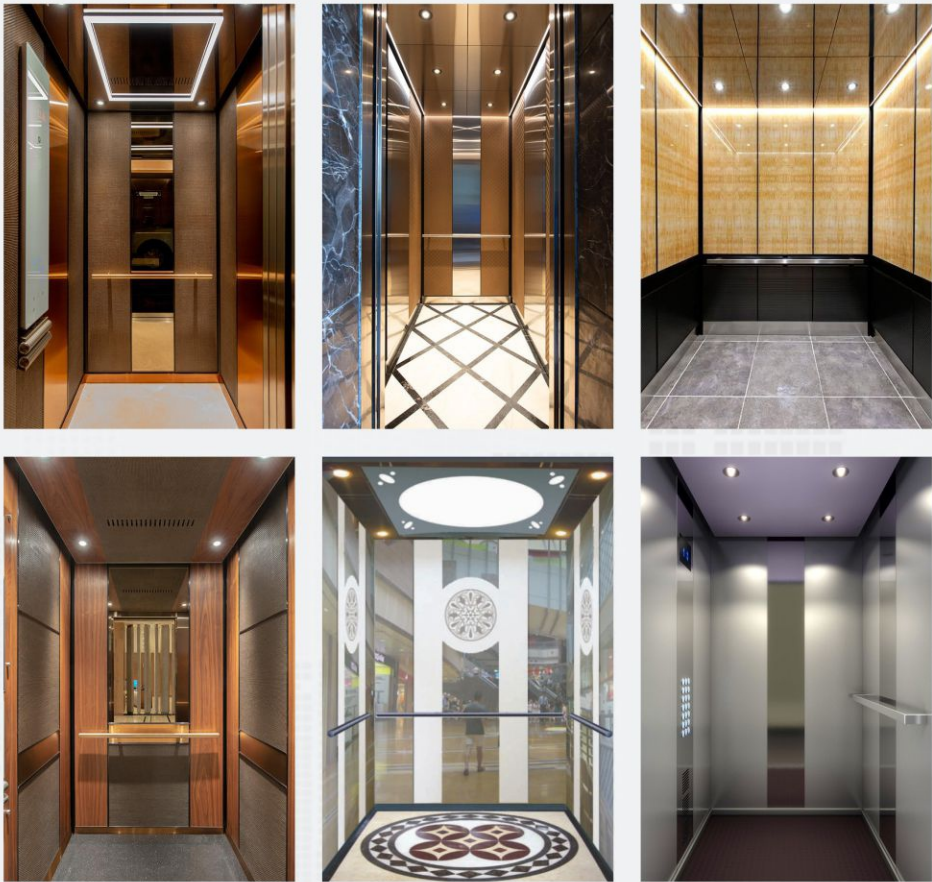
Specification

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

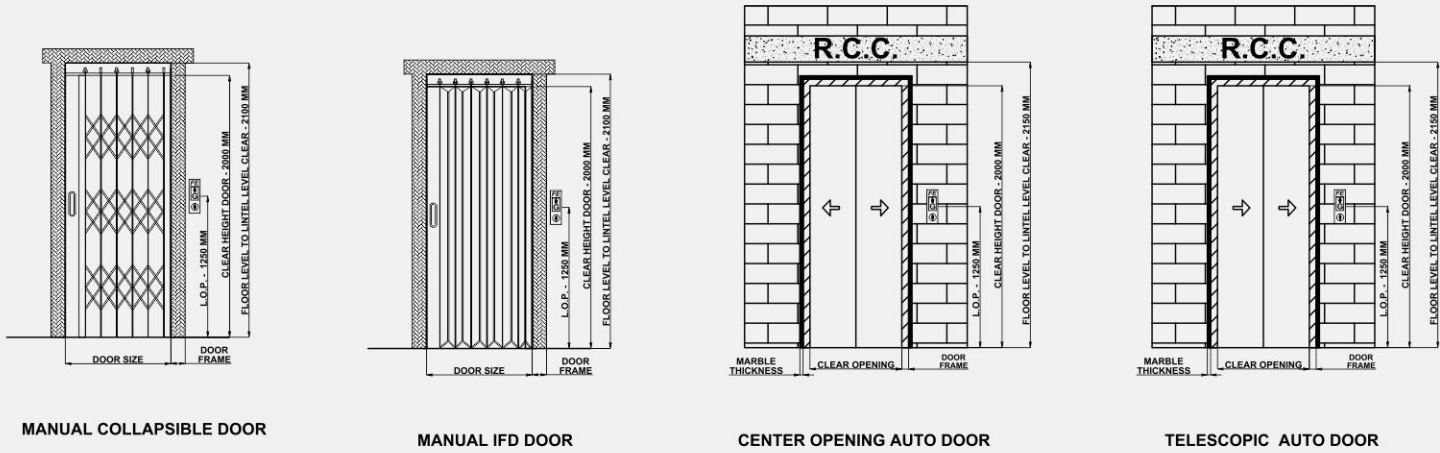
Features And safety devices

- 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



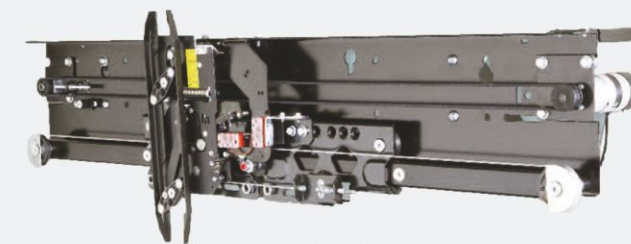
S.S. Two Fold Telescopic Door

Operating Panels



Floor
24

Elevators Accessories



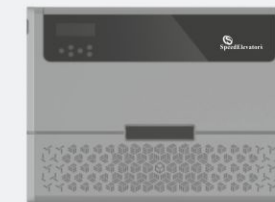
Center Opening Car Door Mechanism



2-Panel Side Opening Car Door Mechanism



Over Speed Governor



Speed Control Panel



MR Machine



MRL Machine

Elevator Machine



Control Panel



Guide Rail



Car Frame



Wire Rope



Counter Frame

Floor
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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.

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

We are Associated with



Our Presence

Head Quarter Surat

Navsari	Valsad	Vapi	Bardoli
Vyara	Songadh	Bharuch	Vadodara

Contact Details

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