



Government approved
lift Manufacturer &
Repair Contractors



Efficiency



Reliability



Comfort



SHIVANI ELEVATORS & ESCALATORS COMPANY

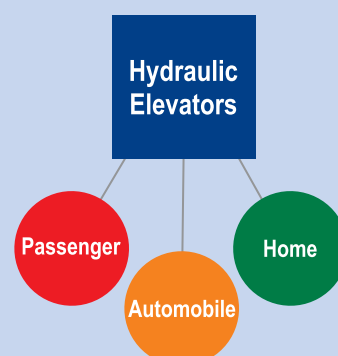
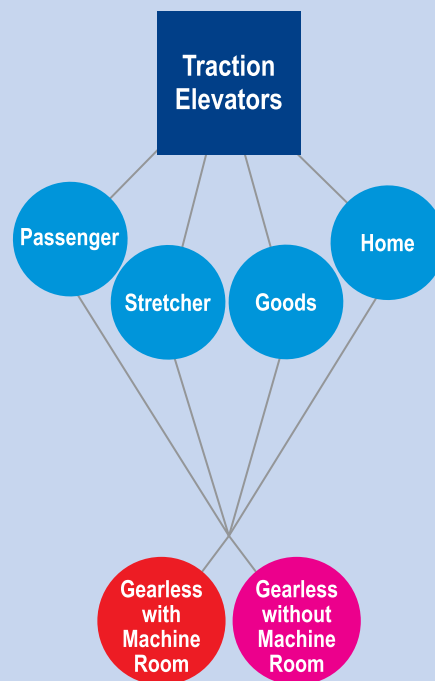


Utilizing its technological prowess and extensive experience, Shivani Elevators & Escalators has remained a leader in the vertical transportation market since entering the business. The Company's creative, innovative spirit, represented by production of the world's Class escalators and elevator technologies, continues to receive high valuations industrywide.

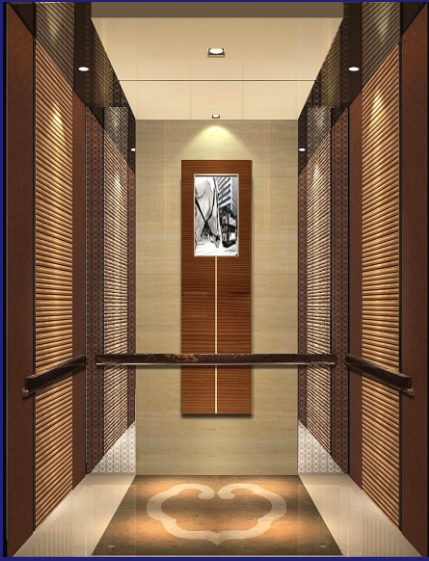
Shivani Elevators are a perfect blend of our global expertise and Indian design sensibilities.



PRODUCT RANGE



SHIVANI CABIN INTERIORS



SHIVANI CABIN INTERIORS





HOME ELEVATORS

Shivani Elevators range of Home Elevators are a highly customizable and scalable. Specially built for installation in homes these lifts are energy efficient. The aesthetics and intricate beauty of these lifts augment the aura of any and all homes. Easy to use and easy to maintain, it is a great value addition embodying both elegance and high end technology. These lifts are easy to use and maintain. **Home Lifts are available in 2 versions : Hydraulic & MRL**



HYDRAULIC

Structure: Can provide steel structures for indoor or outdoor use ,with any possible finish (steel or glass, perfectly matching any new or existing building type.

Landing Doors: Door models available - power operated doors, hinged doors (car bus door and manual at landings), manual doors (without car door). Available finishes - Polimod, Plastic Laminate, Plastic coated sheet (Skinplate) Stainless Steel, Panoramic glass or RAL painted .

Maximum shaft optimization. Less fluid quantity used. Quick and easy to install thanks to its design.

Lift Car: Designed to fit into any furnishing type. Car wall panels available in Skinplate, Plastic Laminate or Stainless Steel. Car lighting available with LED or Fluorescent Neon Tubes. Several ornamental solutions are possible. Very robust floor and roof.

Flexible Hose: Designed with inner synthetic rubber coat, with one or two high resistance spirals. The outer layer of synthetic rubber provides excellent resistance.

Bio-degradable Ecological Fluid: It guarantees the best results and very high performances over the years. It has a very low freezing point.

Car Frame: Traction 2:1. Designed for any kind of building thanks to the reduced pit (150 mm) ideal to transport passengers in single family installations.

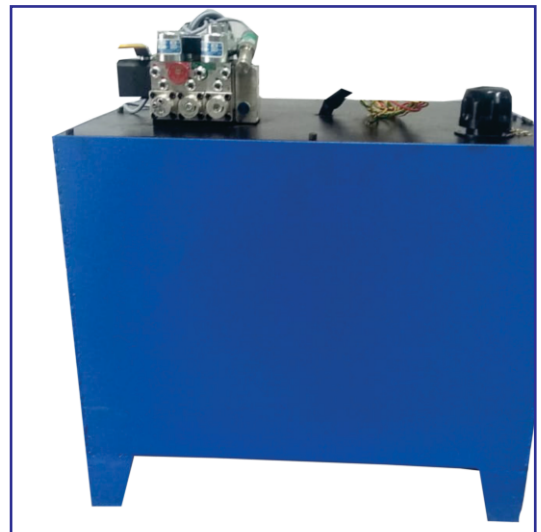
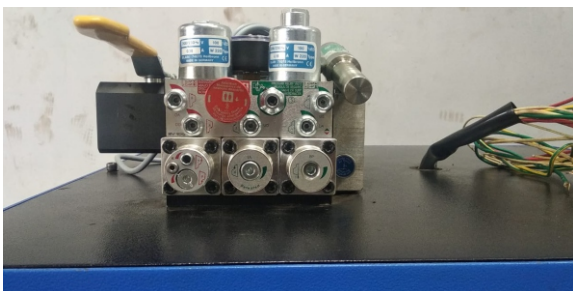
Lift Car Doors: Available door types - Power operated Semi automatic (bus door in car and manual landing door). Without car door (with light curtain technology).

Control Panel: Easy to install, LED signal inputs and output indicators-LCD display. Robust push-buttons. Diagnostic tools provided for installation, parameter settings, repair and maintenance, allowing to find code errors. Furthermore it supplies:

- Emergency lowering device to main floor in case of black-out
- Car light timer
- Automatic re-leveling
- Constant pressure controller

Control Panel: Cabinet of reduced dimensions (1.5m high), that can be located anywhere at home within radius of approximately 15 .

Power Unit: The power unit includes the NGV valve block, incorporating a double safety feature as a standard. Very high comfort and very low consumption thanks to its outer motor (DRY). Power unit is located in a machine room.





HOSPITAL ELEVATORS

Shivani Hospital / Bed Lifts are primarily for moving stretchers with patients up and down in a hospital. This range comes with ergonomic design and appropriate dimensions to accommodate patient's stretcher or wheelchair. They are designed in such a manner that patients will have smooth, jerk-less and safest travel. The capacity of hospital lift ranges from 10 passengers to 26 passengers.

Features:

- Speed ranging from 0.33 mps to 1 mps.
- Jerkless starting and stopping with exact floor leveling which helps free movement for stretchers / wheel chairs.
- Specially designed cabin size to accommodate stretcher / bed & medical equipment of required size with wide cabin opening for free movement.
- Smooth & quite operation to prevent disturbance to patients.
- Hand Rails as per customer requirement which helps patients to stand firm.
- Door & Cabin choice as per customer requirements.
- Low operational Cost.



STACKER PARKING

Stackers are aimed to double the parking space above ground. MD Elevators offer Stacker Parking in various sizes and capacities.



Shivani Elevator's range of Dumbwaiter Elevators are specially designed for the hospitality sector. They are used to transport food, crockery, cutlery etc. from mainly the kitchen to different floors in a hotel. They are designed to meet the requisite levels of hygiene and aesthetics required for the hospitality industry. The various capacities offered can be customized as per customer requirements.



MACHINE-ROOMLESS CONFIGURATION

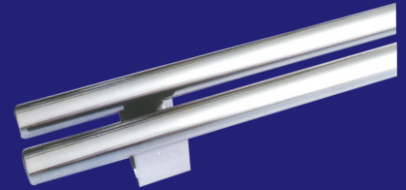
The Machine-Roomless elevator components are so compact, they fit inside the hoistway. This eliminates the need for an extra room on top of your building.



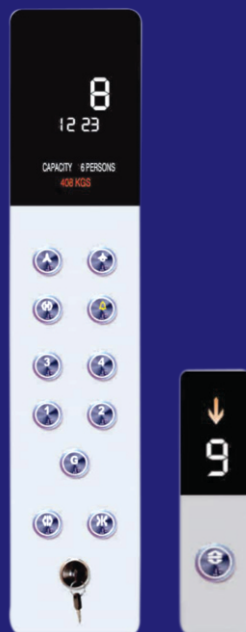
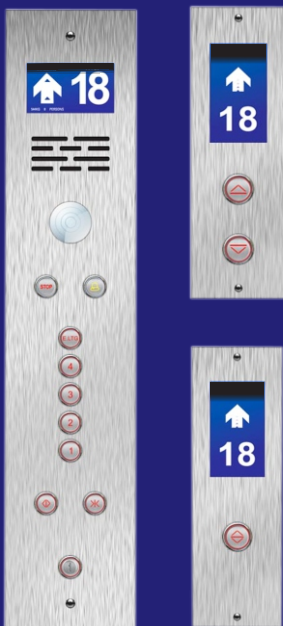
COMPACT MACHINE-ROOM CONFIGURATION

The Compact Machine-Room configuration reduces the space requirements for the system to no larger than the hoistway footprint.

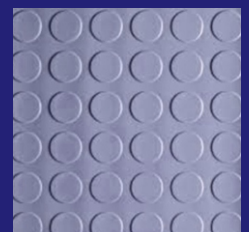
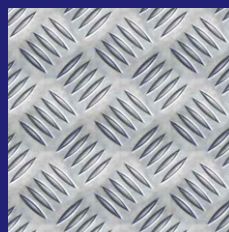
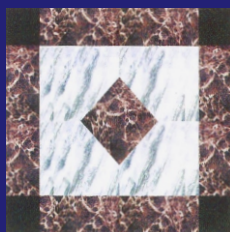
HANDRAILS



PANELS



FLOORINGS



COP & LOP



BUTTON OPTIONS



TOUCH PANELS





AUTOMATIC PASSENGER ELEVATORS

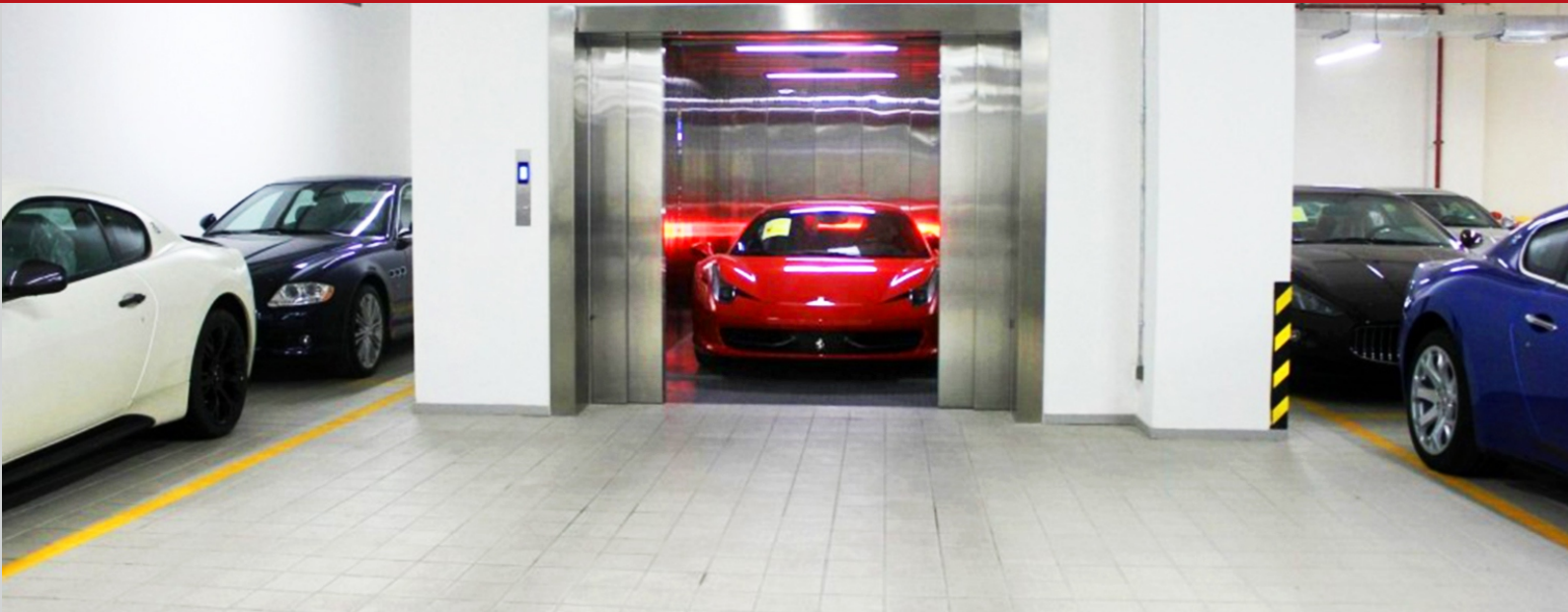
Shivani's range of automatic passenger elevators employ advanced technology in vertical transportation. Empowered by the use of advanced technology, we are presenting a broad assortment of Passenger Lift to our clients.. Our product is precisely tested on well-defined parameters of quality under the guidance of skilled quality controllers to offer a perfect range at the client's end.

We design and develop Passenger Lift with attractive features. We incorporate latest technology and superior quality materials sourced from reliable vendors in the manufacturing process. They provide comfortable and safe mode for up and down people movement in high rises. Centre Openings and Telescopic Openings are available in several stainless steel and precoated finishes to add to the visual appeal of your lobby & hallways.



MANUAL PASSENGER ELEVATORS

Shivani's Manual Elevators are suitable for low rise buildings. Our range of manual elevators employ simplified mechanisms and technology to offer economic vertical transportation solutions. These elevators are cost effective and easy to maintain.



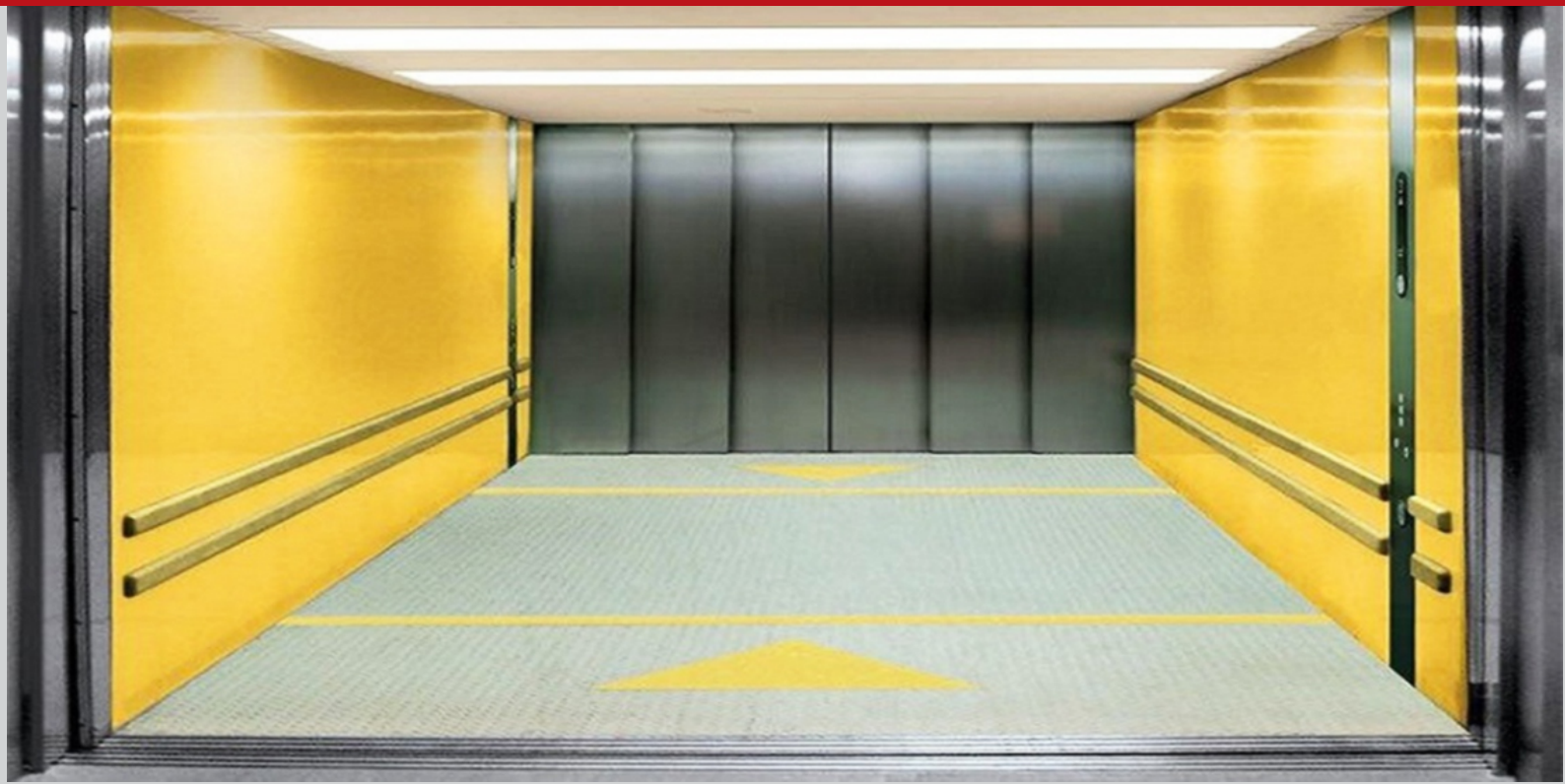
AUTOMOBILE ELEVATORS

Shivani's range of Automobile Elevators are designed with heavy duty and durable components to meet various load capacities above two tonnes. These elevators provide sufficient maneuvering space for passenger automobiles of different sizes and shapes to drive in and out of them with ease. Our elevators can withstand the daily pressure of vertical transportation of heavy automobiles with ease and precision.



CAPSULE ELEVATORS

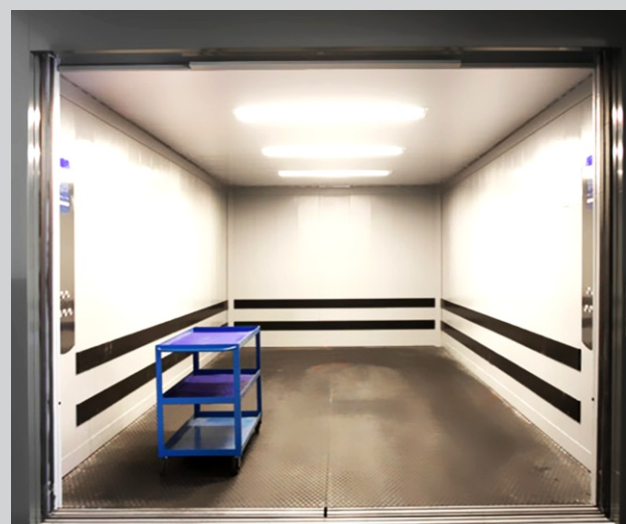
Owing to the vast industrial experience in this domain Shivani Elevators are actively engaged in offering finest quality Capsule Lifts. The offered elevator is designed using top quality components and refined technology, in agreement with set industrial norms. This elevator is obtainable with us in varied sizes and finishes as per the desires of the customers. Capsule Elevators also called Scenic Elevators and are essentially installed at a place where elevation of building is to be enhanced with display of moving lift and passenger is provided with panoramic view of surroundings.



GOODS / FREIGHT ELEVATORS

Shivani Elevators Goods / Freight Elevator range is another example of efficient engineering to meet the rough and tumble of moving heavy goods in industrial setups. State-of-the-art components and technology render enhanced load handling capacity. They are the best elevators to carry the goods. The size or carrying capacity of the elevator can be customized as per individual's needs. These are used in all types of Industrial Buildings, Commercial Complexes, Pharmaceuticals Companies, Chemical Plants etc. Our Goods / Freight lifts are also safe to carry passengers.

- Speed ranging from 0.33 mps to 0.70 mps
- Collapsible Doors (M.S / S.S)
- Cabin Types such as M.S. Powdercoated / S.S.
- Aluminum / M.S. / S.S. Chequerred Plate for flooring
- Exact floor leveling which helps the easy movement of goods without any damages to goods or elevator
- Low operational Cost





Geared Traction Machines

- These are driven by AC electric motors.
- Geared Machines are coupled machines with AC electric motor, electromagnetic brake, worm reduction gear & friction sheave mounted on bed plate. These components are rested on machine room bottom slab by using rubber pads for noiseless and vibrations less operations.
- Normally installed in the machine room above the lift well.

Gearless Machine: The Better Technology.

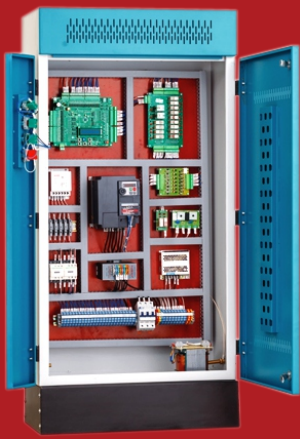
- Considered as future technology in elevator industry also known as Permanent Magnet Synchronous Motors (PMSM).
- Compact size, lighter in weight, simplified construction hence easy to install and maintain.
- PMSM uses a rare earth material with high magnetic flux density.
- Higher mechanical torque, output power per volume. Better dynamic performance than electromagnetic excited motors.
- Gearless machines saves app. 40-60% energy than traditional traction machines, Improved Life Span, thereby, proving more economical to the end users in long term.

Down Collective Memory System Control Panel :

Collective Memory System is best suitable for low rise residential buildings where main requirement is to go from ground floor to any specific floor and vice versa.

This control system registers and retains in memory, the down hall calls and car calls. These are answered in a logical order to ensure minimum necessary car movement, resulting in quick response to passenger traffic and thereby substantial power saving.

If the elevator is moving in upward direction, it will respond to car calls in floor sequence and the highest down hall call only. Once the car reaches the highest registered call it will reserve and collect all hall calls in floor sequence during downward movement.



Full Collective Memory System Control Panel :

Full Collective Memory System registers and retains in memory, the calls of both directions and hence is best suitable for high rise residential buildings and commercial / industrial buildings where in addition to the movement between ground floor and specific floor there is also a need to serve inter-floor traffic.

On every landing there will be two buttons for Hall Calls, one for upward direction and other for downward direction (except for starting and top landings). While elevator is moving in upwards direction, the lift will attend all Car calls and only Up Hall calls and while moving in downward direction it will attend all Car calls and only Down Hall calls in logical sequence and thus results in substantial power saving.

Duplex System

This system is applicable where two lifts are next to each other. Duplex System is available in full Collective Control System and uses logic to dispatch nearest lift in the direction of travel to collect the waiting Passenger thereby reducing power consumption and waiting time. This Control system along with VVVF Drives reduces power consumption by upto 40% and also saves time.

Automatic Rescue Device (ARD) :

In case of power failure this will help to bring the Lift at nearest Floor. This system works on batteries and comes into play only in case of power failure. This helps to bring the lift to the nearest floor thus allowing anyone trapped inside to come out easily. Now ARD is mandatory for every new lift as per circular issued by Inspector of Lift Mumbai.

Salient Features:

- This system is entirely based on Automatic Operation which gets triggered within approximate time of after power failure detection.
- Inbuilt Direction selection feature resulting into quick rescue operation by going to the nearest floor and stands with doors open.
- Compact Device with batteries placed safely inside the system.
- All the operations are Automatic avoiding any Human intervention in rescue operation.

Variable Voltage Variable Frequency Drive (V3F Drive) :

As car air conditioner has become a standard feature in any modern car, V3F drive is an essential feature of modern elevator and it is real value for money. Here are some of the salient features of elevator with V3F Drive

- Smooth Start & Stop
- Better Level accuracy irrespective of Load
- Extra Loading Capacity
- Reduces Breakdowns
- Improves Life of Lift
- Reduces Electricity consumption
- Floor Announcement System
- Soft Music while lift is working
- Better integration with generator or battery backup Inverters

Overload Indicator & Cutt Off Systems :

This device indicates the overloaded condition and prevents lift from operating till load is adjusted. Now even this is mandatory for every new lift as per circular issued by Inspector of Lift, Mumbai.

Door & Drive Headers :

- Low voltage & Noiseless operations with V3F Door Motor.
- Programmable opening / closing speed & time.



AMC

We are one of the reliable and well known service providers for Elevators Maintenance. We offer our clients annual maintenance contract for all types of lifts. Our service Team consists of the highly skilled and experienced technicians. We provide AMC at very reasonable cost without compromising on the quality of services.

MODIFICATION

Every elevator has a life cycle, even after the proper care & service, the lift has to be modified after some years. Elevators eventually need to be replaced or modified for the reduction in energy cost, for greater safety, its reliability and to be updated with the latest technology and designs.

We modify our clients elevators with the latest and updated techniques, technology, design and compact feature to ensure maximum safety, reduce energy cost, and to ensure maximum customer satisfaction.

LOAD		CAR INSIDE		LIFT WELL		ENTRANCE	MACHINE ROOM			PIT	OVERHEAD
PERSONS	KG	W	D	W	D	E	W	D	H	P	C
4	272	1000	800	1600	1400	700	2500	3000	2500	1350	4200
5	340	1100	900	1600	1500	700	2500	3000	2500	1450	4500
6	408	1100	1000	1600	1550	700	3000	3500	2500	1500	4500
8	544	1300	1150	1800	1600	800	3200	3500	2500	1600	4800
10	680	1350	1300	2000	1800	800	3500	4000	2500	1800	4800
13	884	2000	1100	2500	2000	900	4000	4200	2500	2200	5000
16	1088	2000	1300	2500	2200	1000	4500	4800	2500	2500	5200
20	1360	2000	1550	2600	2400	1000	5000	5500	2500	2500	5500



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