



INDIA'S LEADING MANUFACTURERS



UTIS ELEVATORS™

TRAVEL SMOOTH, SAFE & SILENT WITH US

www.utiselevators.com

ISO 9001: 2015 CERTIFIED

UTIS ELEVATORSTM

About Us

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UTIS Elevators are India's leading manufactures, installers and maintainer of Elevators and Moving Walkways Recognized in the year 2009-2010 with the goal of providing an excessive Range of Elevators Service in Delhi/Ncr and all over India. Our range includes Passenger Elevators. Panoramic Elevators. Freight Elevators, Automobile Elevators and dumb waiters. UTIS Elevators believe that our ability to garner long term customer relationships is directly related to the fact that we have never lost sight of the core principles that our company was founded upon. The world has changed a lot, but one thing that has not changed is our commitment to providing our customers with honest service they can rely upon.

UTIS Elevators products are well-known and appreciated among our customers for its design, strength, reliability, technical accuracy, resistance to damage and material durability.

With our vast years of business strategies and visionary technique. we have been able to satisfy the specific requirements of our esteem client. Each of our products is customer-centric and quality-based business. we are extremely focused to words the achievement of our clients by providing them a qualitative and standardized range of flawless products without any adjustment with the high quality.



UTIS ELEVATORSTM

moving upto a new level.

42,000

journeys a week

52

weeks of the year

7

days a week

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Lift Machine Units

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TRACTION MOTOR UNIT

The Traction units are designed with latest technology to minimize Maintenance and noise less units. Fully Aligned free units the two centre coils have been provided for stable brake adjustment. Ball bearing motor for smooth & silent operation in empty and full load conditions.

GEARLESS MOTOR UNIT

The MATRIX on machine - room elevator is applicable for passenger elevator, housing elevators, sight - seeing elevator or other elevator with carrying capacity no more than 2000 kg and running speed on more than outdoor steel - structure shaft frame for rebuild buildings.



verticle Traction M/C Lift



Bottom Traction M/c Lift



Home Lift Gearless Machine



Utis Panel with Advance Technology



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The rise of the modern elevator



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Door Option Designs

A wide choice of durable Interior Materials

Auto Door

- The automatic doors at grocery stores and office building mainly exist for convenience.
- The automatic doors in Elevator, on the other hand, are absolutely essential- they keep people from falling down an open shaft.
- Elevators use two different set of doors: doors on the cars and doors opening into the elevator shaft.
- The doors on the cars are operated by the elevator coputer.

Manual Door

- Elevators use two different set of doors: door on the cars and doors opening into the elevator shaft.
- The doors on the cars are operated by an electric motor, which in turn is operated by the elevator computer.
- In a relativity short period of time, elevators have become essential to urban life.
- As people continue to erect monumental skyscrapers and small building handicap - accessible, elevators will become an even more pervasive element in the society. It is true one of the most important - and use - machines of the modern era.

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What can our escalators & moving walkways do for you?

Utis escalators and moving walkways move lots of people safely, quietly and efficiently in and around a wide variety of buildings. We are beside you through your project and happily liaise with architects, contractors, clients and consulting engineers on your behalf. Our nationwide network of service branches and outstanding engineering means your installation is completed on time and within budget.

Features and benefits:

Smooth and quiet ride - designed on the principles of minimal friction, vibration and noise, Utis escalator and moving walkways offer not only a superbly smooth and quiet ride, but also enjoy minimal wear and fatigue, high efficiency and offer exceptional durability and minimal maintenance requirement. Features include:

- Low vibration and low noise motor and gear drive
- Acoustically treated one piece die-cast aluminum steps/pallets
- Robust truss structure
- Rigid and precision guide rails

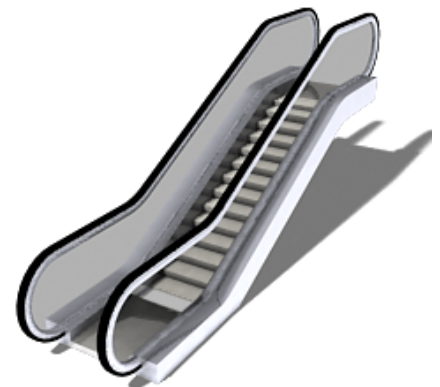
Energy efficiency in addition to the standard efficient worm gear drive, numerous options are available to enhance the energy efficiency.

- High efficiency helical gear drive
- Motor energy control
- VVVF control
- Auto start/stop control

Advance control system - our products include an advanced ADV microprocessor control system designed specifically for escalator and moving walkway application. The ADV control System closely Monitors and controls operation with the following control capability:

- Dot matrix LCD or LD display
- Mp3 voice announcement
- Automatic start/stop control with passenger detection and time schedule operation
- Rs485 communication link for interface to BMS or remote

All equipment fulfils the safety requirement of the EC Directive, carries the CE Mark and complies with BS EN 115:1995. Utis is Quality Assured to ISO 9001:2000 accredited. This guarantees you are dealing with a reputable company. Our escalators and moving walkways are manufactured using the highest quality materials and components to the most exacting standard.



22,500

miles a month

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Auto Door Passenger Elevator

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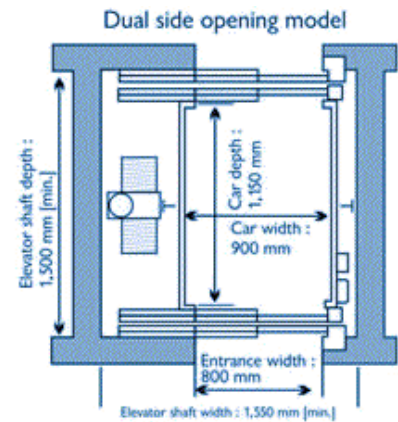
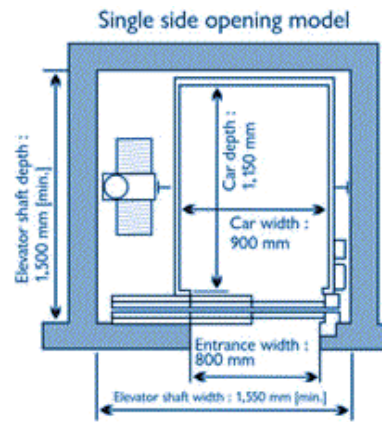
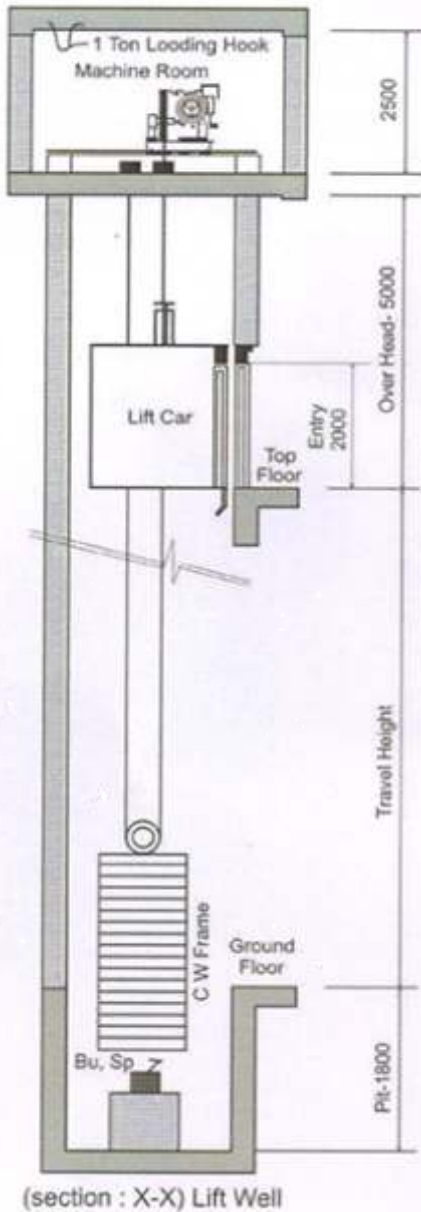
Auto Door Passenger Elevators for Residential, Commercial Buildings, Hotel, Clubs & Bungalows depending upon the shaft size with speed / amenities up to choice of owners

**Top Technology
Creates brand - new
riding experience**



Capacity 06 to 20 passenger

HOISTWAY ELEVATION DRAWING



Space Requirements for Automatic Variable Speed Operation Passenger Elevators

Load		Car Inside		Lift Well		Entrances Width	Door Type	Machine Room		Speed Mips	Pit Depth	Over Head
Persons	KG	A	B	C	D	E		K	L			
6	408	1300	1100	1600	1400	700	Auto	300+c+300	600+D+1500	UPTO		
8	544	1500	1300	1800	1800	800	Center	300+c+300	600+D+1500	1.0	1600	4900
10	680	1650	1400	2000	2000	800	Opening	600+c+600	600+D+1500			

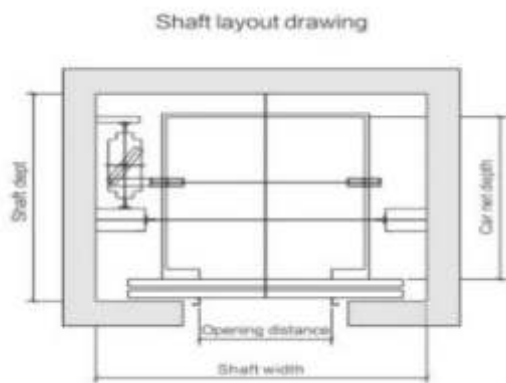
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Hospital Elevator

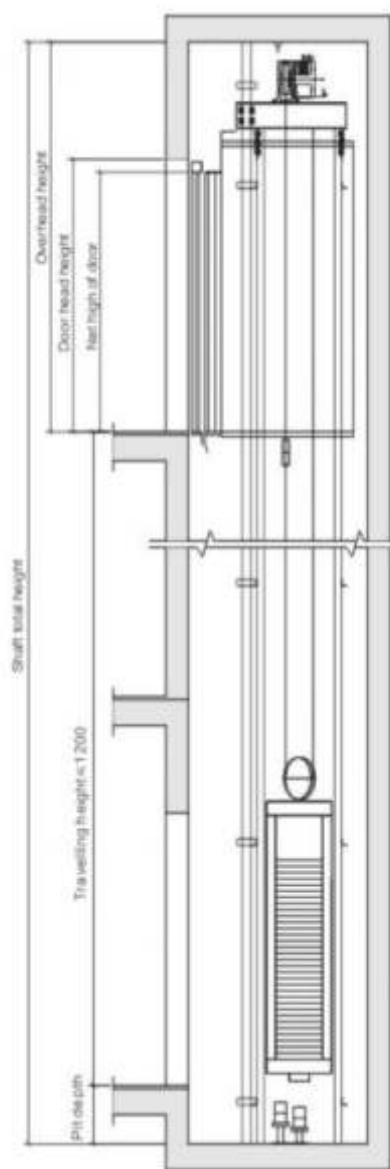


Capacity 15 to 30 passenger

Hostway Elevation



Shaft elevation



Models B750 and B1000 hoistway and machine room elevation

Hospitals Elevators										
Load		Car Inside		Lift Well		Entrances	Machine Room		Pit Depth	Over Head
Persons	KG	A	B	C	D	E	K	I		
15	1020	1000	2400	1800	3000	900	3800	5500	1600	4400
20	1300	1300	2400	2200	3000	1200	4200	5500	1600	4400
26	1768	1600	2400	2400	3000	1200	4400	5500	1600	4400

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Hospital Stretcher Elevators for nursing home & Hospital Buildings depending upon the shaft size with speed / amenities up to choice of owners

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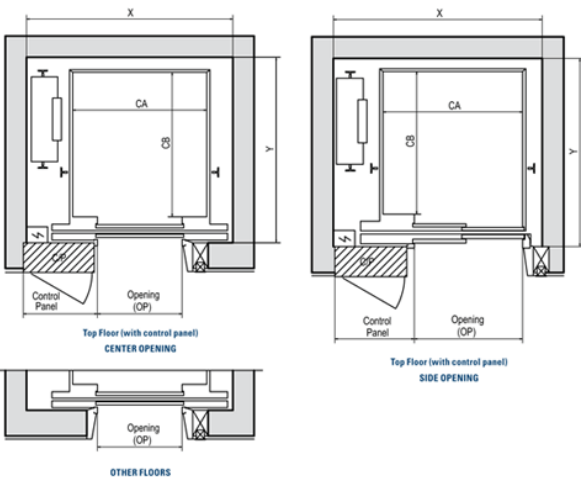
Goods Elevator

Goods Lift

We are engaged in presenting a wide array of Freight Elevators that help in transferring of loads from one level to another. These goods elevator are extensively used in factories and storage facilities for the movement of Goods between floors, these elevators are known for their high speed and smooth operations. Designed as per the set Industry standards.

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HOISTWAY PLAN



Space Requirements for Automatics Variable Speed Operation Passenger and Goods Elevators.

Load		Lift Well		Car Inside		Entrance	Up to 1.5 Mps	
Person	Load	A	B	C	D	E	PT	OH
4	272	1500	1500	900	1000	700	1500	4200
6	408	1650	1600	1000	1100	700	1500	4200
8	544	1850	1800	1100	1300	700	1500	4200
10	680	1850	1900	1100	1350	800	1500	4800
13	884	2100	2100	1300	1550	900	1500	4800
15	1020	2150	2600	1300	2000	900	1500	4800
20	1360	2300	2800	1500	2200	1000	1500	4800

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Hydraulic Chair Elevator

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Hydraulic Chair Elevators for economically suited all type of Residential & Commercial Buildings depending upon the shaft size required 3' X 3' only with speed/amenities up to choice of owners.

Manual Passenger Elevator

Manual Passenger Elevators for economically suited all type of Residential & Commercial Buildings depending upon the shaft size with speed/amenities up to choice of owners.



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Lift Power Lp440 / LP 220 Automatic Rescue Device

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Automatic Rescue Device (ARD) for Lift

LIFT Power LP440/LP220 is application specially designed High Starting Current type Inverter to operate the LIFT in Emergency Mode to rescue the passenger in Power fail condition.

Features :

- Suitable for Auto Door/ Manual Door Lift.
- High Starting Current for High Starting Torque Requirement,
- Automatic Shut Down to prevent unnecessary Battery Usage.
- Digital Signal processing for Pure Sinewave output with Power Efficient Low On Resistance Easy based design.
- IGBT based charging for longer battery life.
- Automatic Battery Charging Cut off.
- Protection against deep discharge of battery.
- Status Indications on LCD / LEDs.
- Available up to 30 H.P. Motor Rating.



FLP Control Panel

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Elevator Car

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Titanium Gold Designed With
Stainless Steel Finish Car



Stainless Steel with
Mirror Finish Car.



Stainless Steel with
M.S. Powder Coated Car.



Full Glass Capsule Car Square

Homogeneous Bottom & Top Structure with minimum welding joints. Available in MS Powder Coated / Galvanized Powder Coated and Stainless Steel Material. Customized Design of Various combination of Plain S.S., Designer S.S. Sheet Material, MS Powder Coated etc.

Car Frame & Counter Weight Frames



Traction Elevator Car Frame



Machine Room Less Elevator
Car Frame



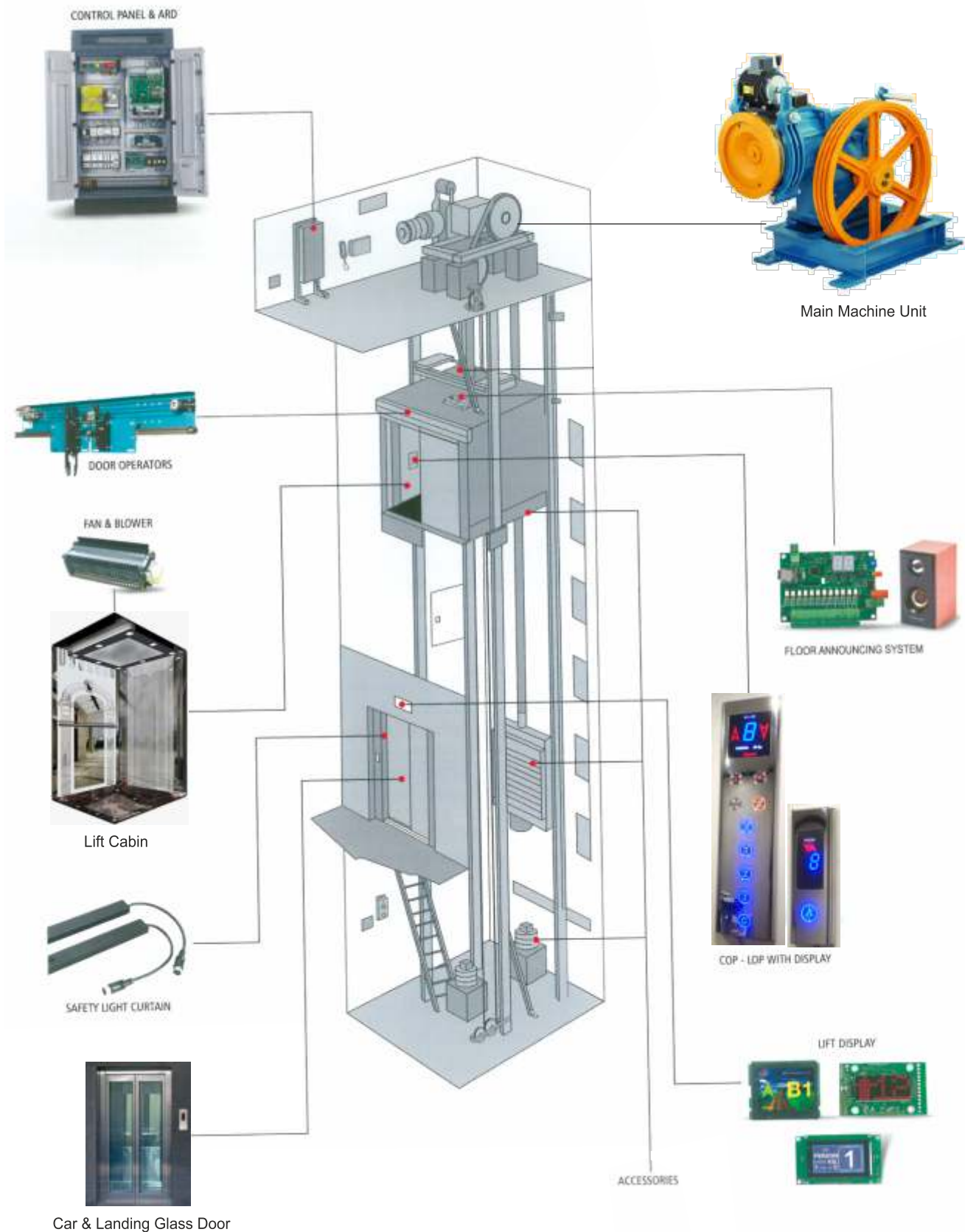
Hydraulic Car Frame

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Machine Room Elevator

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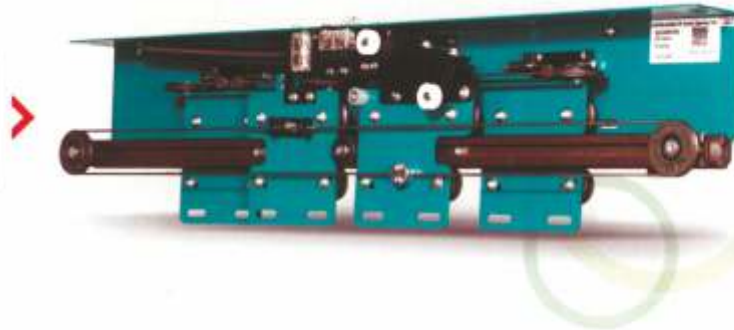
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Car & Landing Door Header

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4-Panel
Centre Opening
Landing Door
Mechanism



> Salient Features :

- Rugged Design with reduced overall dimensions.
- Belt driven Car Header for silent operation.
- Wider Belt size for giving higher operating torque
- **Hard Anodized Aluminium Track for quiet operation**
- **Dynamically Auto Learning for variable door weight & Size.**
- Speed control of Skate-Coupler gives noiseless opening / closing.
- Dedicated VVVF gives flexibility of programmable parameters to cater user choice of door operation.
- Continuously monitors operating Torque to give safe operation even in failure of photo sensor.
- Wide Input power supply range gives trouble free operation in power fluctuation.
- Long life door Contacts.
- Adjustable idle pulley with spring tension.
- **Groove less Bottom Sill design to prevent dirt entry and giving attractive look.**
- **Built in Track cleaners & Roller cleaners for long time noiseless operation.**
- Easy installation & faster debugging.
- Field configurable VVVF to interface with various type of main controller panels.

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