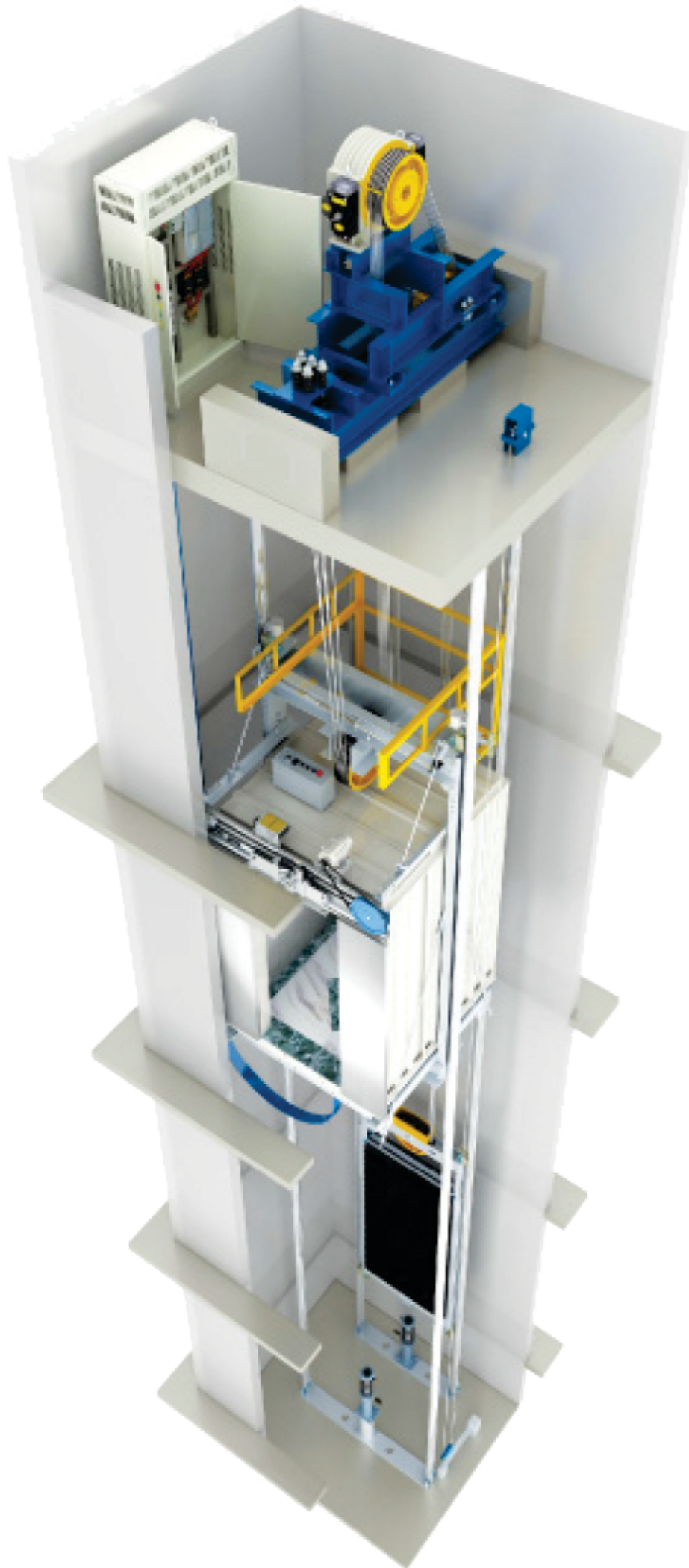


ELEVARTM
LIFTS





ABOUT US

ELEVAR Lifts is a fast growing company which specialize in Lift Erection, Maintenance and Testing & Commissioning. Established in year 2021 with its registered office at Chennai.

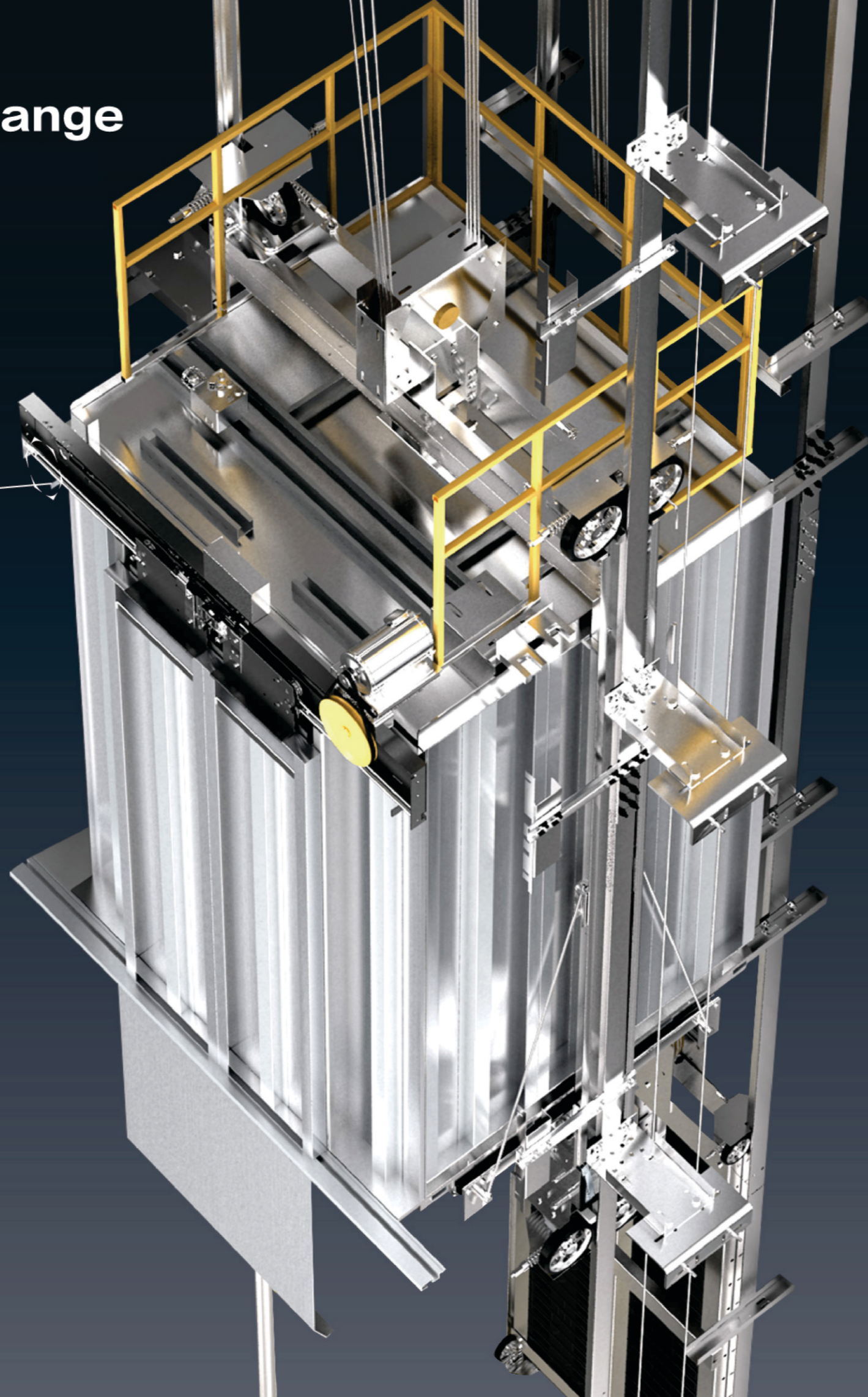
ELEVAR lifts is backed by a team of professionals who have served in the elevator industry for decades. The team having worked for several years with multinational companies in various countries are highly “quality and safety” conscious and dedicated in providing the best products and services to their customers.

ELEVAR provides a “safe and comfortable elevators” manufactured in compliance with Bureau of Indian Standards. The portfolio includes passenger and service elevators, home lifts, car elevators and dumb waiters as well as customized products.

ELEVAR is dedicated to continuous upgrading and promotion, achieving the maximization of customer values. Adhering to business ethics and internal control principles, the company creates trustworthy, respectable business environment. Staffs are provided with pleasant working platforms and career development opportunities and the ‘business partners’ with fair competition and mutual beneficial co-operation. Regular ‘elevator maintenance’ is essential in order to provide a ‘safe and reliable operation’ of the equipment. Our experienced team of elevator specialists are committed to provide the service customers require for all their elevator needs.

ELEVAR offers flexible elevator service contracts to suit clients particular need sand requirements. Our routine service includes ‘regular inspection’ and ‘planned preventive maintenance’ that ensure safety and long life of the equipments.

Efficient life change



When the elevator exceeds the standard limit speed, the speed limiter cuts off the safety circuit to ensure that the elevator stops running. When the elevator exceeds the standard speed, the safety gear is actuated by the governor in conjunction with the speed limiter to ensure that the elevator is safely stopped. The hydraulic buffer can absorb the abnormal impact energy of the elevator to the greatest degree, ensuring the safety of the elevator passengers.

New generation permanent magnet synchronous traction machine

The new generation permanent magnet synchronous gearless traction machine uses rare earth materials to fully integrate coaxial transmission technology, digital frequency conversion technology, and group computer combined control technology. The operating cost is low and the energy dissipation is low.

Door machine system

The door machine system integrates permanent magnet technology, variable frequency control and synchronous belt transmission. It runs smoothly, efficiently, and with low noise. It has independent intellectual property rights, and is independently designed and manufactured. Its technical level has reached the international advanced level.

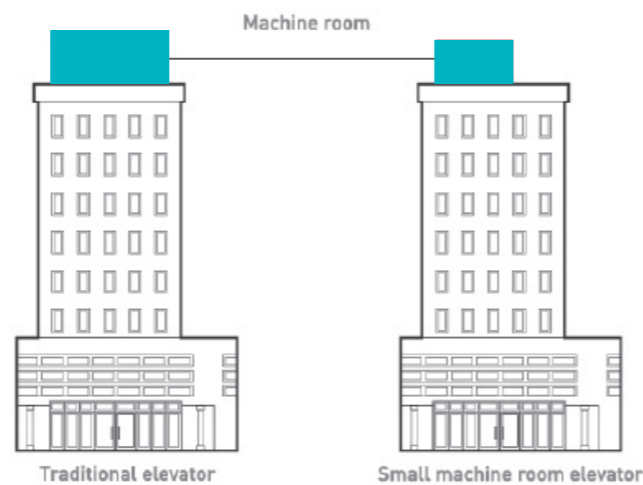
SMALL MACHINE ROOM

Saving room volume 50%

The small machine room of the elevator only needs 60%-70% space of the traditional machine room, in saving floor areas and construction costs. Control cabinet in machine room is designed into single-face inspection layout. The host bearing beam can also be used as hitch plate. It largely saves the machine room space. Compared with the traditional elevators, under the premise of ensuring the repairers operation space which is stipulated by the national standard, it effectively controls the machine room height. The intensive space effect grants more freedom for the architects. It expands the larger space utilization to the construction, perfectly merges the well space with the architectural style. The elevators are applicable to office buildings, hotels and supermarkets.



- ▶ Less space, faster construction, more convenient installation, the lower cost as well
- ▶ Impressive energy saving



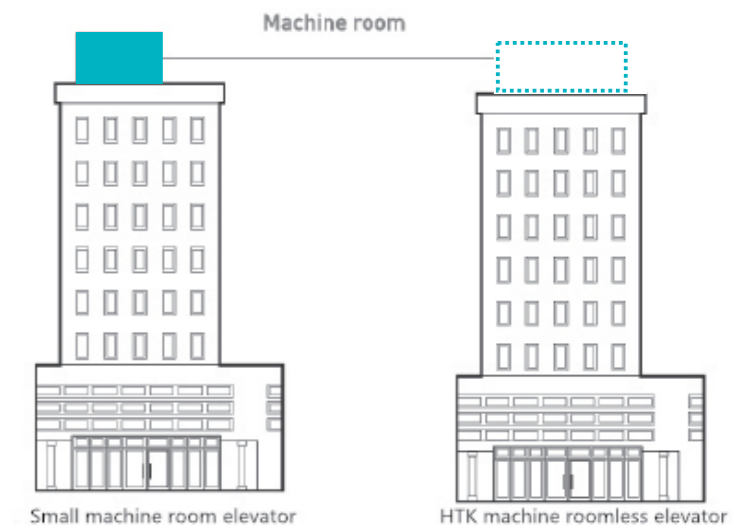
- ▶ Freely use the precious construction space

MACHINE ROOMLESS

Elevator Lifts machine roomless elevator cancels the machine room. The control cabinet and traction machine are installed in inner part of the hoist way, freeing up the original space spared for the machine room. Compared with traditional design, the new mode could save more the floor area. It has the stronger contemporary sense and the more beautiful construction outline. The host and control device are designed at the shaft top to prevent from occasional water-inlet in the shaft which damages the drive. In this way, it guarantees a highly reliable system.



Machine roomless only needs one independent hoist-way and doesn't need the presence of machine rooms. The architects and developers are allowed to conduct designing in a freeway. We can flexibly and effectively apply the top space that is preset for machine room.



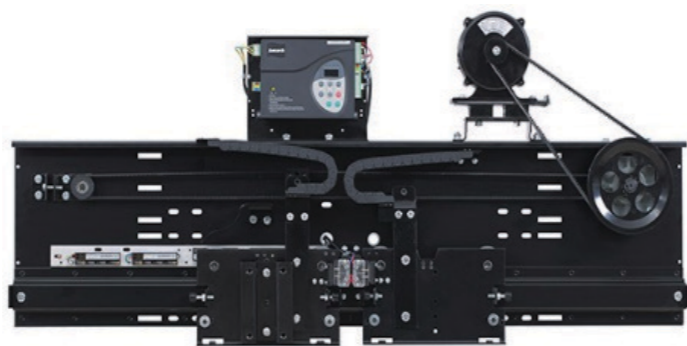
PRECISE POSITION ELEVATOR CONTROL SYSTEM

Integrated control system represents the developing orientation of the elevator control system, It's new generation intellectual vector type control system. It covers distance control, direct parking, closed-loop vector control technology, CANBUS communication technology, multi-CPU running technology and applies C and assembly language programming. It perfectly combines the contemporary industrial control technology, communication technology and traditional elevator. Compared with the traditional elevator control, it brings about the higher cost performance and the more convenient maintenance.



TOP ADVANCED DOOR OPERATOR CONTROL SYSTEM

Elevator Lifts applies the advanced VVVF variable voltage and variable frequency control technology to the elevator door operator system so as to ensure the smooth elevator door and quiet switch. The self-learning door load detector enhances the sensitivity of the elevator door switching ON/OFF. It monitors the variation of elevator door load on the each floor. Automatically rectifying the most appropriate open/shut speed in each floor in order to guarantee the security and reliability.



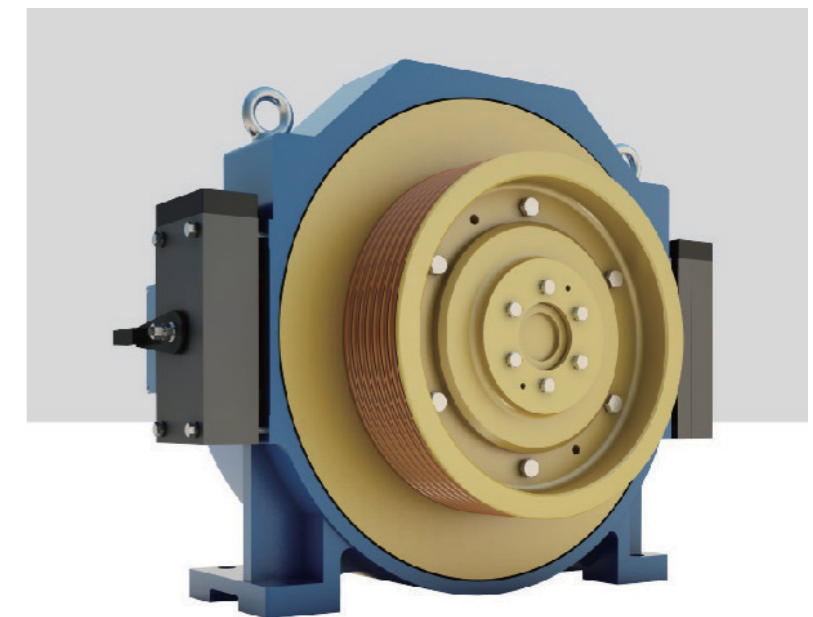
LIGHT CURTAIN PROTECTION

Elevator Lifts uses the sensitive and concentrative infrared ray photocell to form optical curtain protection safety net at the entrance of the elevator. It sensitively reacts to any person or object that enters into the probe plane freely entering in and out with high security.



PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

It chooses rare earth material and fully combines coaxial transmission technology and digital variable frequency technology with group computer combined control technology. With less running cost & less energy dissipated. Compared with the ordinary and traditional technology, gearless traction machine can save more the energy. Gearless traction machine needs no renewal of lubricant. Without grease, pollution, low noise, quiet and natural.



VILLA ELEVATOR

Elevator Lifts adheres to the design idea of environmental protection and energy-saving and merges with the latest elevator technology nowadays in order to ensure the safe and reliable products & the comfortable travel. The elegantly designed car, fine and exquisite craft and techniques show the outstanding properties and charm of ELEVATOR villa elevator. It is comfortable and convenient in using ELEVATOR villa elevator, you will enjoy your noble life as well.



EL-BX001



EL-BX002



EL-BX003

VILLA ELEVATOR

Control Cabinet

Exquisite
Slim design, integrated for two purposes, and installed in a hidden place to make the elevator look tidy

Quiet
TUV certified and SIL3 certified contactor-free control technology to reduce the operation noise to less than 45 dB for a Quiet living environment

Comfortable
Excellent home elevator-intended drive technology to offer the best comfort

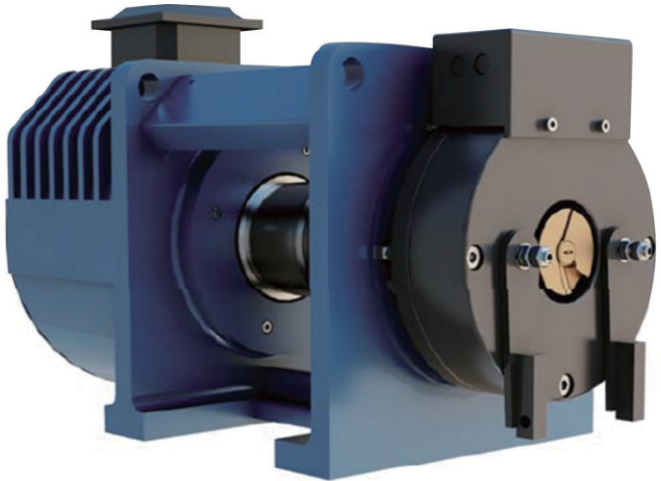
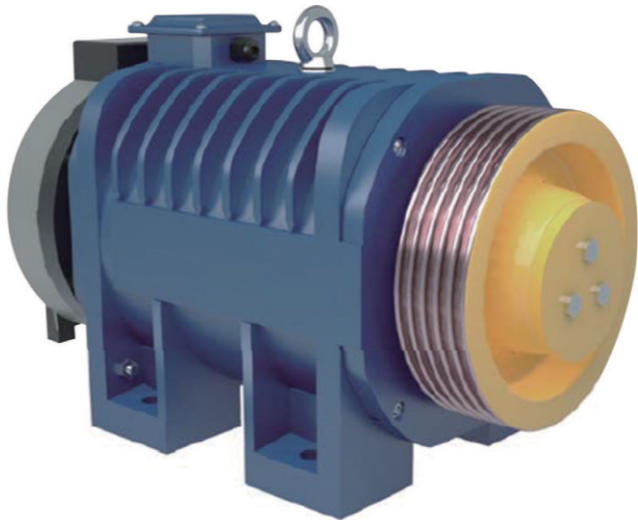
Safe
Multiple solutions to prevent passenger trap for a relaxed experience



Honor type

MINI type

Gearless Trachine Machine



BELT type

PANORAMIC ELEVATOR



Elevator Lifts observation elevator adhere to the design principle of innovativeness and fashion. To meet various demands of hotels and supermarkets, our company provides different elevator designs according to their building styles. Delicate style designs provide passengers with different scenic perspectives and broad scenic views.

Delicate lift car

ELEVAR provides different decoration options for lift cars, so as to match up facades and interior decoration of various buildings.

Comfortable and stable operation

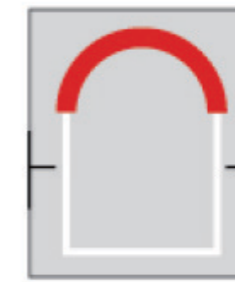
Our company aims to improve experience of passengers by applying several advanced technologies and creating dynamic and comfortable space. Passengers will feel pleasant and comfortable during stable operation of the elevator.

Transparent structures for wide views

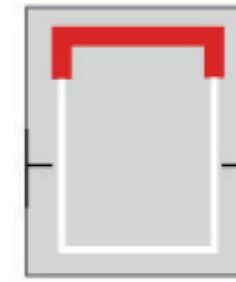
The elevator adopts safe laminated glass which could offer wide views by its transparent nature. Streamline design and wide views provide passengers with a broad and clear world they have never experienced.

RICH STRUCTURES

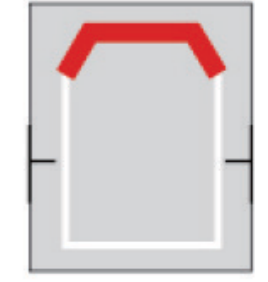
Square, circular and polygon reinforced glass structures offer different scenic perspectives and bring all views to eyes of passengers



Semi-circular shaped

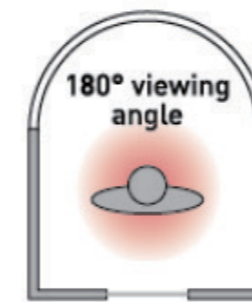


Square shaped



Cutting-angle-type

180° half-round observation



EL-GX001

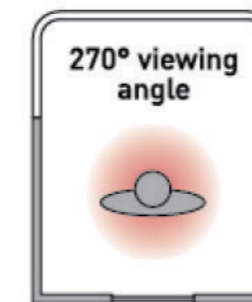


EL-GX002



EL-GX003

270° three-side observation



EL-GX004

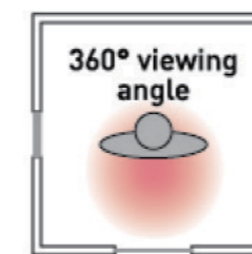


EL-GX005

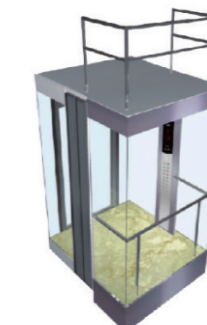


EL-GX006

360° 3D full-view observation



EL-GX007



EL-GX008



EL-GX009

DUMBWAITER ELEVATOR

Dumbwaiter elevator is the smallest member of the elevator family. According to different use occasions, also known as kitchen elevator, meal ladder or multi-use miscellaneous ladder. Silently serve a variety of industries, with the smallest space, play the greatest role.

Our company has a perfect product line, floor type, window type and other sundries elevator with three different ways to open the door. Leading technology and perfect quality make it easy to meet all the needs.

Floor type(trolley type)dumbwaiter

Applicable range: cars can be used to convey large-scale cargoes,such as raw-food materials or fresh materials in schools or kindergartens' canteens,hotels,western restaurants and snack bars or linens and laundry transportation in guesthouses and hotels

Service height: ground level

Car entrance protection: car protection bar is configured to prevent large-scale goods or carts from slipping off the lift car(2panels up sliding door should be equipped with the all-sealed car door)



Window type dumbwaiter

Applicable range: small goods conveying,such as food conveying in schools and kindergartens' canteens,hotels,western restaurants and snack bars,or transportation money,books and medical drugs in banks,libraries and hospitals.

Service height: equal height or lower than users' waist,conform to the comfort level of the best height or picking and placing articles in ergonomics.

Vertical bi-parting door(optional car door)

One removable shelf for standard,fully utilizing the car space,"removable"let the avaiable space more flexible(more shelves should be option)



OPENING TYPES

Hinged door

This type of dumbwaiter is more suitable for using the handcart.The door system is simple,compact,reliable,and we also can design the left open or right open door according to requirement of client.The ingenious design of the door hinge can effectively ensure the installation precision, reduces the failure rate during the dumbwaite operation.

2Panels up sliding door

This door system applies the humanization design. It is equipped with all-sealed car door to prevent the small goods from dropping out of the cabin.It lets the dumbwaite running more safely.On the basis of perfect technology of manual door. It can be added the automatic function and it is equipped with light curtain protection. It lets the operation more safely.

Vertical bi-parting door

It is suitable for window type,the door panel is made of the whole plate by one-time molding technology to improve the panel strength effectively.Buffer device has been added to the door system,it can reduce the noise when the door is opened or closed by user.It has the optional automatic door,and it is equipped with light curtain protection.



PASSENGER ELEVATOR CABIN DECORATION

PASSENGER ELEVATOR CABIN DECORATION



EL-JX001



EL-JX002



EL-JX003



EL-JX010



EL-JX011



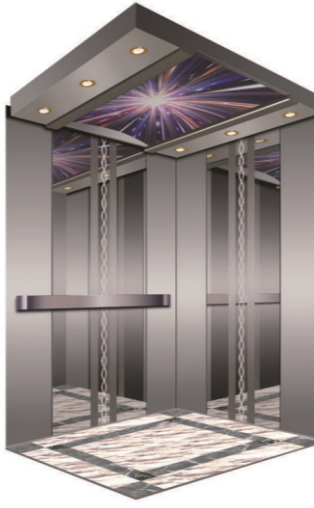
EL-JX012



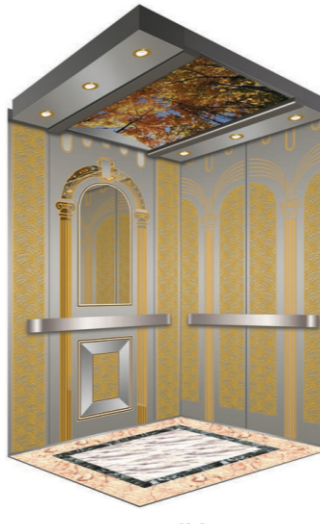
EL-JX004



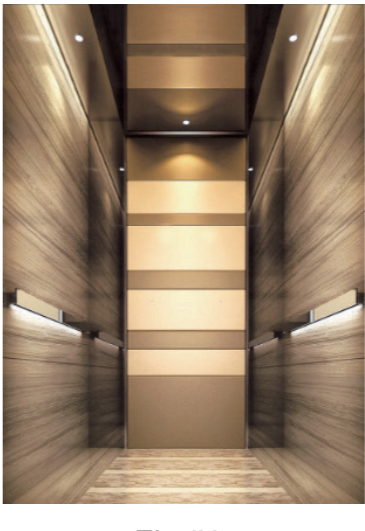
EL-JX005



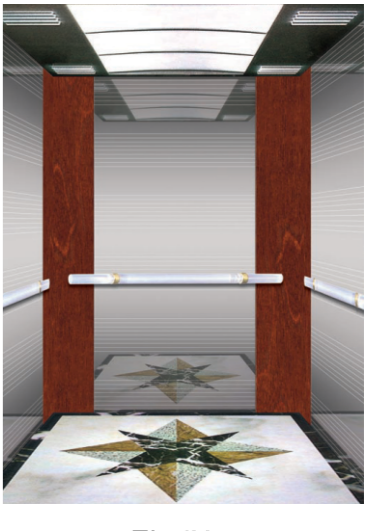
EL-JX006



EL-JX013



EL-JX014



EL-JX015



EL-JX007



EL-JX008



EL-JX009



EL-JX016



EL-JX017



EL-JX018

DOOR PANEL



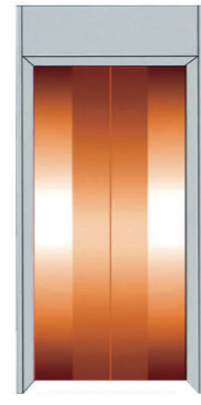
EL-DPC001



EL-DPC002



EL-DPC003



EL-DPC004



EL-DPC005



EL-DPC006



EL-DPC007



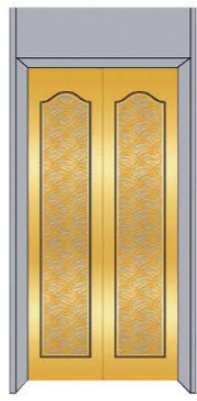
EL-DPC008



EL-DPC009



EL-DPC010



EL-DPC011



EL-DPC012



EL-DPC013



EL-DPC014



EL-DPC015



EL-DPC016

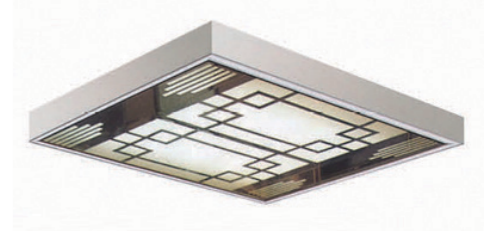
CEILING SERIES



EL-DD001



EL-DD002



EL-DD003



EL-DD004



EL-DD005



EL-DD006



EL-DD007



EL-DD008



EL-DD009



EL-DD010



EL-DD011

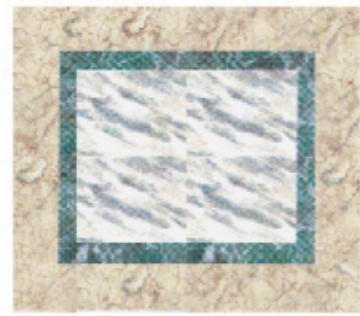


EL-DD012

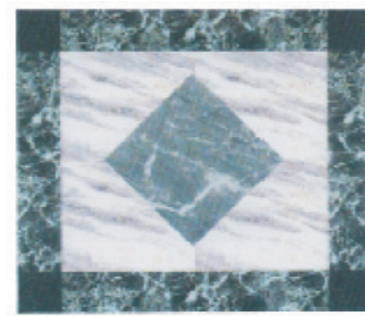
FLOOR SERIES



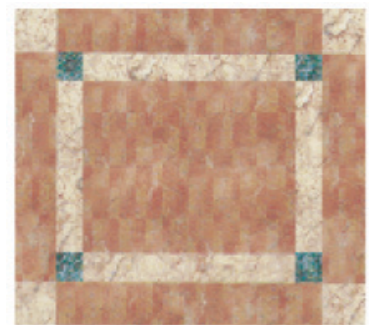
EL-DP001



EL-DP002



EL-DP003



EL-DP004



EL-DP005



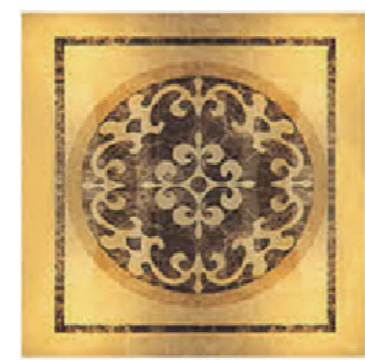
EL-DP006



EL-DP007



EL-DP008



EL-DP009



EL-DP010



EL-DP011



EL-DP012

HANDRAILS SERIES



EL-FS001



EL-FS002



EL-FS003



EL-FS004



EL-FS005



EL-FS006



EL-FS007



EL-FS008



EL-FS009



EL-FS010



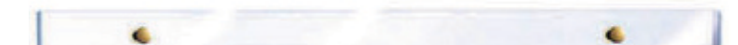
EL-FS011



EL-FS012



EL-FS013



EL-FS010



EL-FS015



EL-FS016



EL-FS017



EL-FS018



EL-FS019



EL-FS020

OPERATION PANEL SERIES



Touchscreen

Product Features

- Floor selection, door, light, and fan control
- Display of family photo and customer logo
- Number of floors; landscape and portrait display mode



COP06

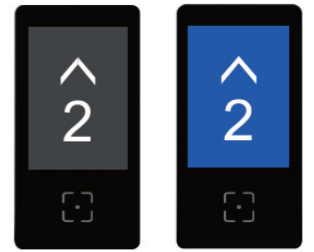
OPERATION PANEL SERIES

Product Features

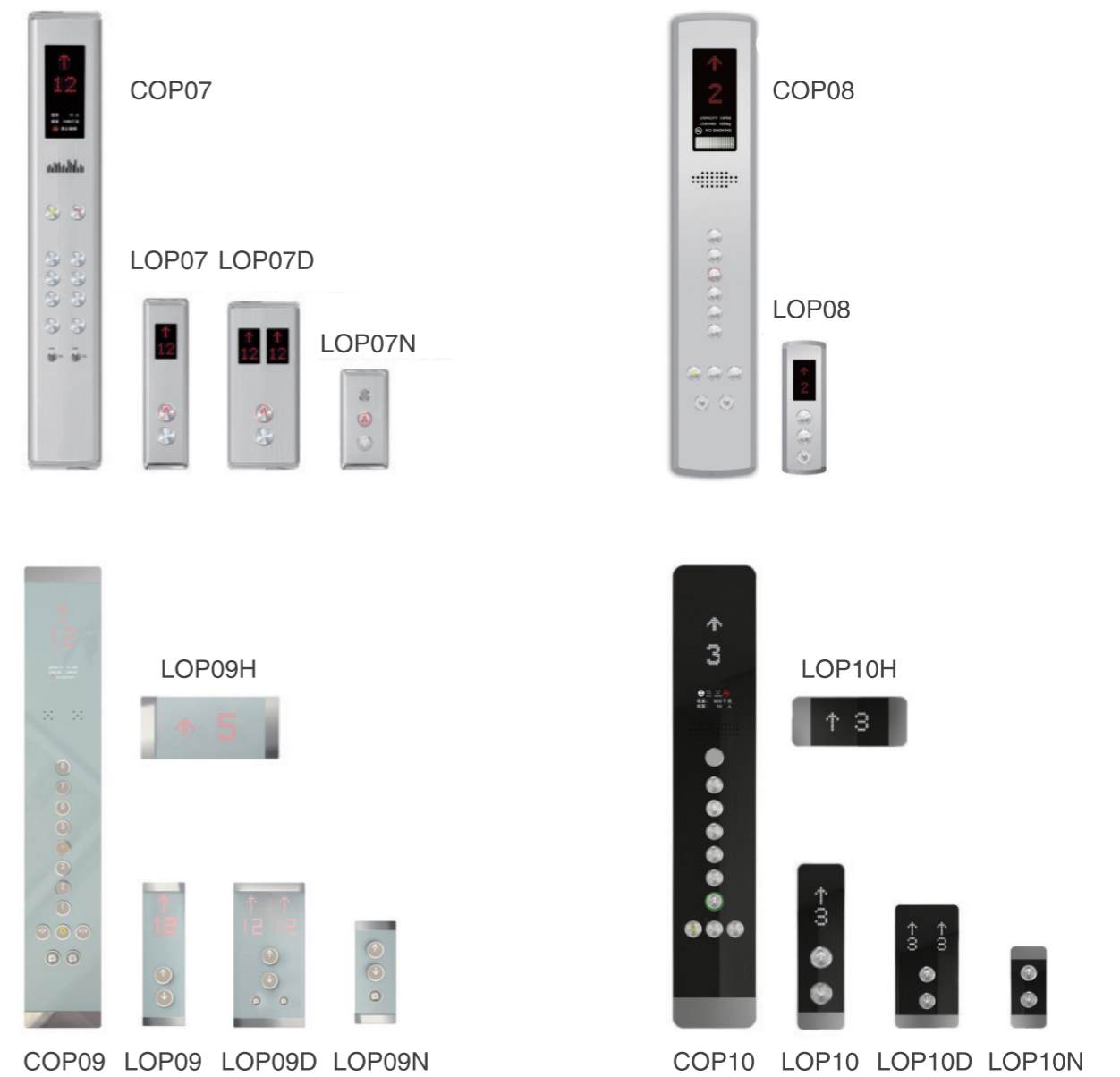
- Externally mounted 4.2-inch TFT display
- Touch-type elevator calling; touch button illumination
- Real-time display of elevator status, direction, and floor information
- Selection of display modes (white text against blue background or white text against black background) using a DIP switch

Rated Voltage: DC 24V; Rated Current: 160mA

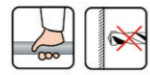
Precaution: Only for markets that do not require RoHS compliance.



LOP06



OPERATION PANEL SERIES

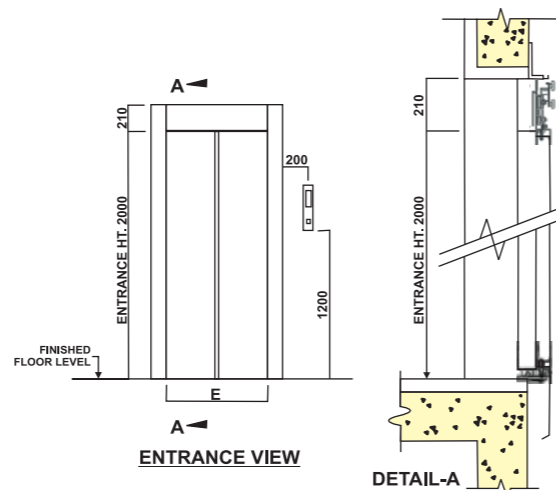
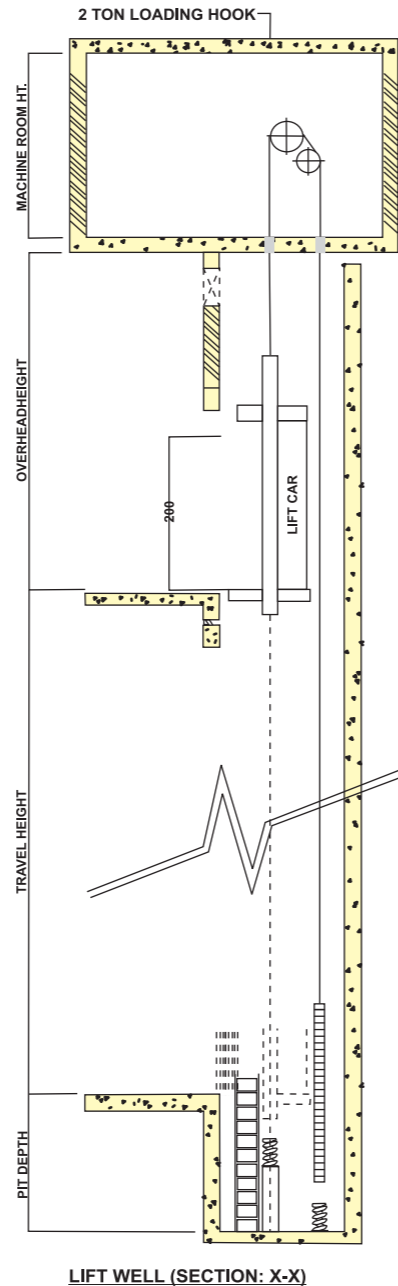
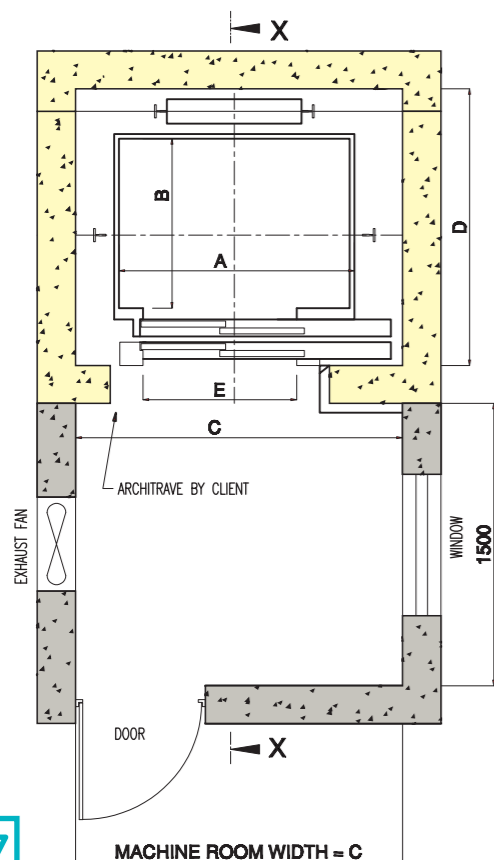
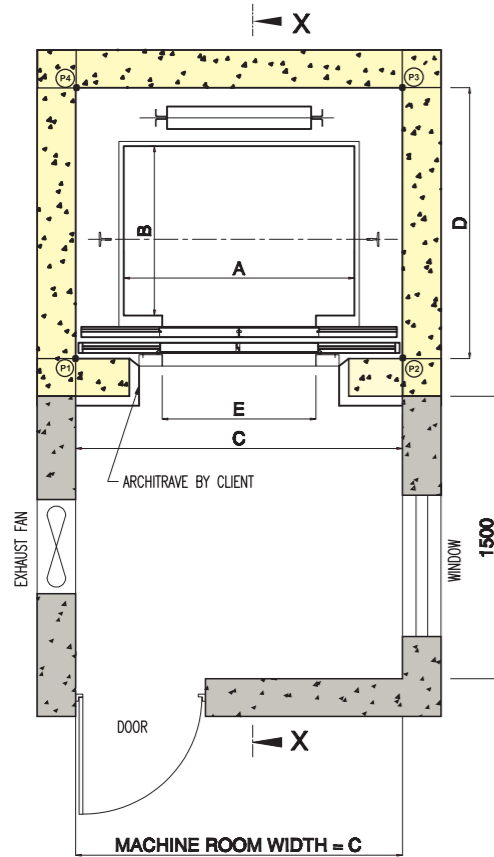


OPERATION PANEL SERIES



Layout (OH Traction)

Center Opening



Basic Specification (OH Traction)

Horizontal Dimension

Geared

Elevator is proud to offer a complete line of Geared Traction Elevators. The unique design of our traction elevators makes them ideal for buildings with up to 80m of travel. Known for their smooth ride and quick acceleration, they are designed to travel at speeds up to 1.5m/s. Geared elevators are used in low-to-mid-rise residential & commercial buildings and for freight applications.

Passenger	Capacity (kg)	Speed (m/sec)	Door Type	Car Size (mm)		Elevator Well (mm)
				A x B	E	C x D
4	272	0.63	CO	1100 X 700	700	1500 X 1300
			2S	900 x 850	700	1400 x 1500
6	408	0.7	CO	1100 x 1000	700	1500 x 1600
			2S	1200 x 900	800	1650 x 1650
			CO	1300 x 1100	800	1700 x 1700
8	544	1.5	CO	1400 x 1000	800	1800 x 1600
			2S	1300 x 1100	800	1700 x 1750
10	680	1.0	CO	1300 x 1350	800	1700 x 1950
			CO	1400 x 1250	800	1800 X 1850
			2S	1300 x 1350	800	1800 x 2000

* Higher capacity available in geared elevators, please check with our sales engineer

Gearless

Gearless elevators are the correct selection wherever building height or higher capacity (due to high population density) dictates the highest level of elevator performance. Sophisticated motor controls ensure high operating speeds and minimum floor-to-floor flight times, without sacrificing passenger comfort and safety.

Passenger	Capacity (kg)	Speed (m/sec)	Door Type	Car Size (mm)		Elevator Well (mm)
				A x B	E	C x D
13	884	1.0	CO	2000 x 1100	900	2500 x 1750
			2S	1100 x 2000		1900 x 2500
			2S	2000 x 1100		2500 x 1850
15	1020	1.5	CO	1600 x 1500	900	2050 x 2150
			2S	1100 x 2100		1900 x 2600
16	1088	1.75	CO	2000 x 1300	1000	2500 x 1950
			2S	1000 x 2400		2000 x 3000
17	1156	1.75	CO	1800 x 1500	1000	2300 x 2150
			2S			2300 x 2200
20	1360	1.75	CO	2000 x 1500	1000	2500 x 2150

* Smaller capacity available in gearless elevators, please check with our sales engineer

Vertical Dimension

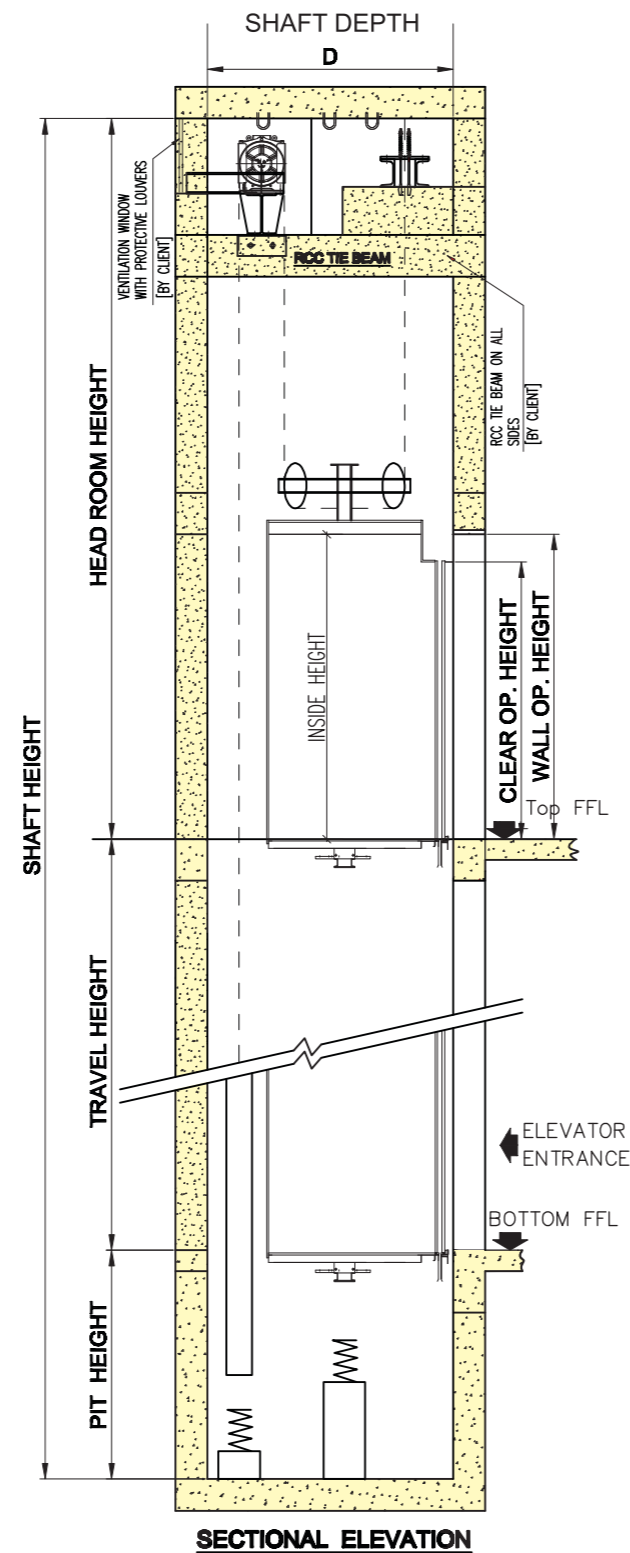
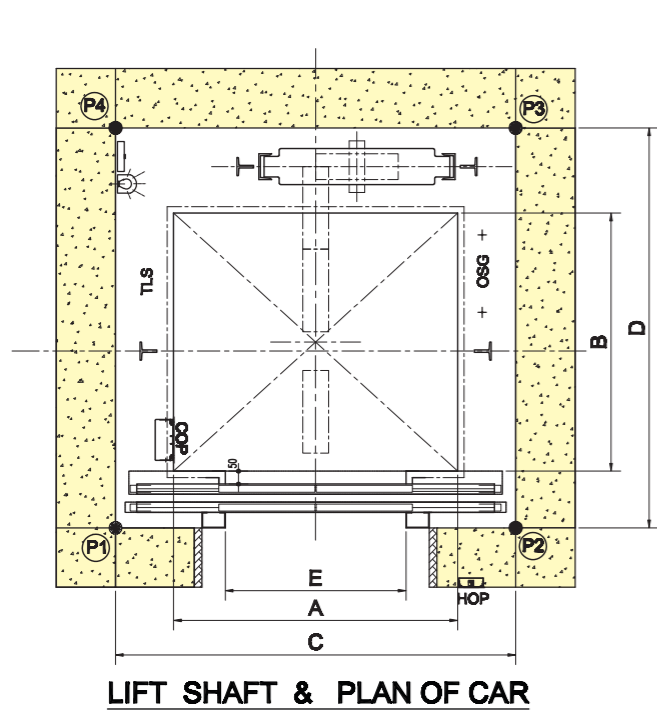
Speed (m/sec)	0.7	1.0	1.5	1.75
Standard car inside height (CH) mm	2200	2200	2300	2300
Standard door height (HH) mm	2000	2000	2100	2100
Maximum travel (TR) in m	30	60	80	80
Standard pit depth (PD)	1500	1500	1650	2000
Standard Over head height (OH)	4200	4200	4600	4800
Standard Machine Room Clear Height (MH) in mm	2600	2600	2600	2600
Minimum Floor to Floor Height in mm	2600	2600	2600	2600

Note:

- The dimensions in the table are applied to standard specifications only.
- Rated capacity is calculated as 68kg per person, as required by the IS code.
- Minimum hoistway dimensions (C and D) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- Dimensions in the machine room depend upon orientation and number of lift shafts.
- If access to machine room is by a steel ladder instead of a staircase, provide a trapdoor with lifting hook in the machine room.
- For special requirements, our sales person will be happy to work with you in preparation of the drawings.

Layout & Basic Specification (MRL)

Layout & Basic Specification (Home Lift & MRL Cantilever)



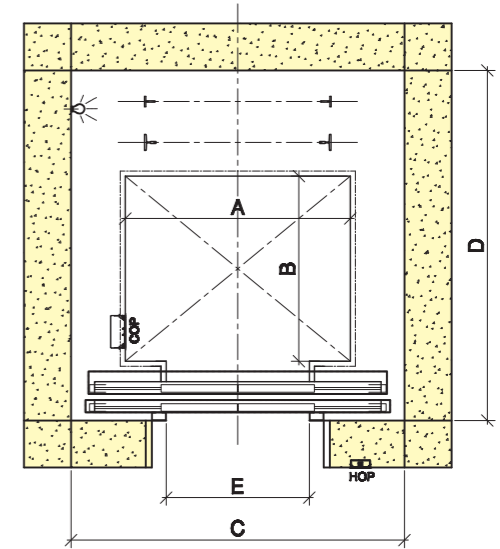
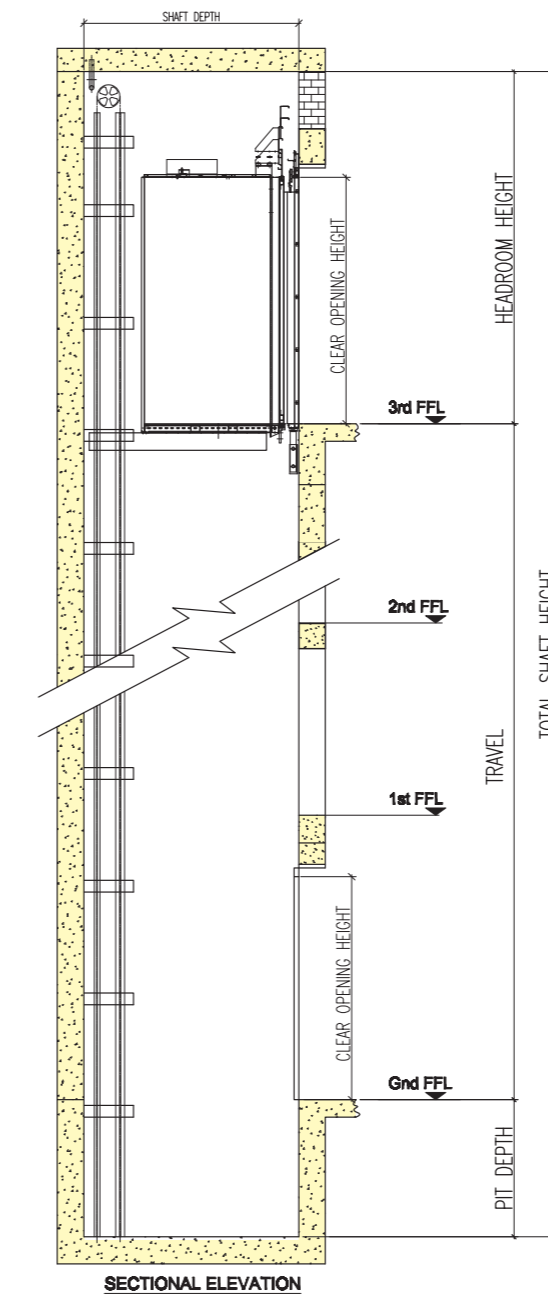
Home Elevator

Elevarhome elevator is fully designed for customers' needs and to meet the highest standards of quality and provide a lifetime of dependable service.

We offer models to fit every budget with a broad range of styles that blend perfectly into any home décor. It delivers a smooth, quiet ride that improves your home accessibility and enhances your quality of life.

The home elevator also facilitate for moving bulky objects from floor-to-floor safer, easier and more convenient.

Since each Home is unique, each Home elevator is custom-made, Please contact our Branch office or sales engineer.



Passenger	Capacity (kg)	Speed (m/sec)	Door Type	Car Size (mm)		Elevator Well (mm)
				A x B	E	C x D
4	272	0.7 1.0 1.5 1.75	CO	1100 X 700	700	1500 X 1400
			2S	1100 X 700		1500 X 1550
6	408		CO	1100 X 1000	800	1500 X 1600
			2S	1100 X 1000		1500 X 1750
8	544		CO	1300 X 1100	900	1800 X 1700
			2S	1300 X 1100		1800 X 1850
10	680	CO	1350 X 1300	900	2000 X 1900	
		2S	1350 X 1300		2000 X 2150	
13	884	CO	1500 X 1500	900	2100 X 2200	
		2S	1000 X 2200		2000 X 2800	
15	1020	CO	1500 X 1700	900	2100 X 2400	
		2S	1100 X 2300		2000 X 3000	

Vertical Dimension

Speed (m/sec)	1.0	1.5	1.75
Standard car inside height (CH) mm	2200	2300	2300
Standard door height (HH) mm	2000	2100	2100
Maximum travel (TR) in m	60	80	80
Standard pit depth (PD)	1650	1800	2000
Standard Over head height (OH)	4700	5000	5200
Minimum Floor to Floor Height in mm	2600	2600	2600

Note:

- The dimensions in the table are applied to standard specifications only.
- Rated capacity is calculated as 68kg per person.
- Minimum hoistway dimensions (C and D) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- Lifting hook in headroom required. All walls minimum 150RCC or 230 Brick. (Hoistway front wall 230mm Brick preferred.)
- RCC headroom structural slab Minimum thickness 150mm
- For special requirements our sales person will be happy to work with you in preparation of the drawings.

Passenger	Capacity (kg)	Speed (m/sec)	Door Type	Car Size (mm)		Elevator Well (mm)
				A x B	E	C x D
4	272	0.65 & 1.0	CO	1100 X 700	700	1500 X 1600
			2S	1100 X 700		1500 X 1750
6	408		CO	1100 X 1000	800	1800 X 1900
			2S	1100 X 1000		1800 X 2150
8	544		CO	1300 X 1100	900	1800 X 2000
			2S	1300 X 1000		1800 X 2150

Vertical Dimension (Home Lift)

Speed (m/sec)	0.32
Standard car inside height (CH) mm upto roof	2100
Standard door height (HH) mm	2000
Maximum travel (TR) in m	10
Standard pit depth (PD) mm	500
Standard over head height (OH) mm	3200
Minimum Floor to Floor Height in mm	2600

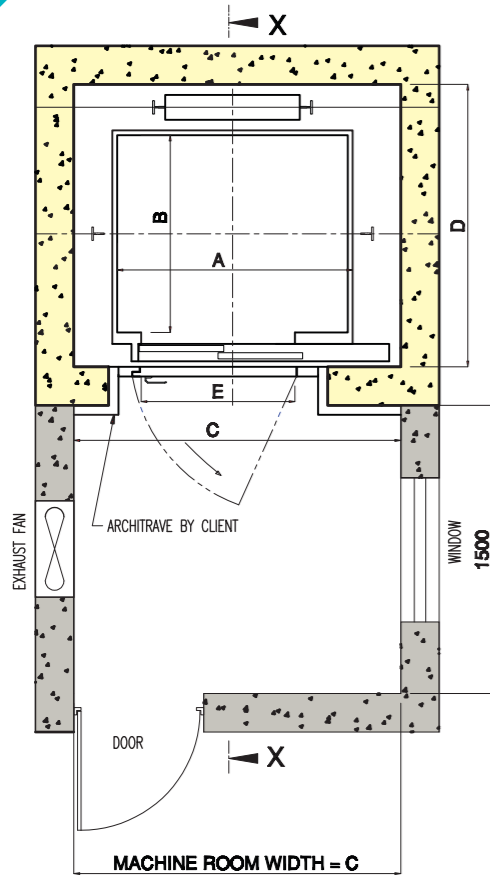
Vertical Dimension (Cantilever)

Speed (m/sec)	0.65
Standard car inside height (CH) mm upto roof	2200
Standard door height (HH) mm	2000
Maximum travel (TR) in m	15
Standard pit depth (PD) mm	1500
Standard over head height (OH) mm	4200
Minimum Floor to Floor Height in mm	2600

Note:

- The dimensions in the table are applied to standard specifications only.
- Rated capacity is calculated as 68kg per person.
- Minimum hoistway dimensions (C and D) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- Lifting hook in headroom required. All walls minimum 150RCC or 230 Brick. (Hoistway front wall 230mm Brick preferred.)
- RCC headroom structural slab Minimum thickness 150mm
- For special requirements our sales person will be happy to work with you in preparation of the drawings.

Layout & Basic Specification (Manual Door)



Car Door – Manually operated MS sliding door
Landing Door – MS Swing door.

Passenger	Capacity (kg)	Speed (m/sec)	Car Size (mm)		Elevator Well (mm)
			A x B	E	C x D
4	272	0.63	1100 x 700	700	1500 x 1200
5	340		1100 x 900	700	1500 x 1450
			1200 x 800	700	1600 x 1350
6	408	0.65	1100 x 1000	700	1500 x 1550
		0.70	1200 x 900	700	1600 x 1450
8	544		1400 x 800	700	1800 x 1350
			1300 x 1100	800	1700 x 1650
			1100 x 1300	800	1500 x 1850
			1400 x 1000	800	1800 x 1550

Vertical Dimension

Speed	0.63/0.65/0.7
Standard car inside height (CH) mm	2200
Standard door height (HH) mm	2000
Maximum travel (TR) in m	30
Standard pit depth (PD)	1500
Standard Over head height (OH)	4200
Standard Machine Room Clear Height (MH) in mm	2600
Minimum Floor to Floor Height in mm	2600

Note:

- The dimensions in the table are applied to standard specifications only.
- Rated capacity is calculated as 68kg per person, as required by the IS code.
- Minimum hoistway dimensions (C and D) shown in the table are after waterproofing of the pit and do not include plumb tolerance.
- Dimensions in the machine room depend upon orientation and number of lift shafts.
- If access to machine room is by a steel ladder instead of a staircase, provide a trapdoor with lifting hook in the machine room.
- For special requirements, our sales person will be happy to work with you in preparation of the drawings.

Manual Doors :

Elevar offer the most economic & optimal design solutions for buildings where there space constraint through its most reliable Manual doors. Solid built yet light weight, Anti corrosive coating for enhanced life, Noiseless & smooth operation.



Swing Door

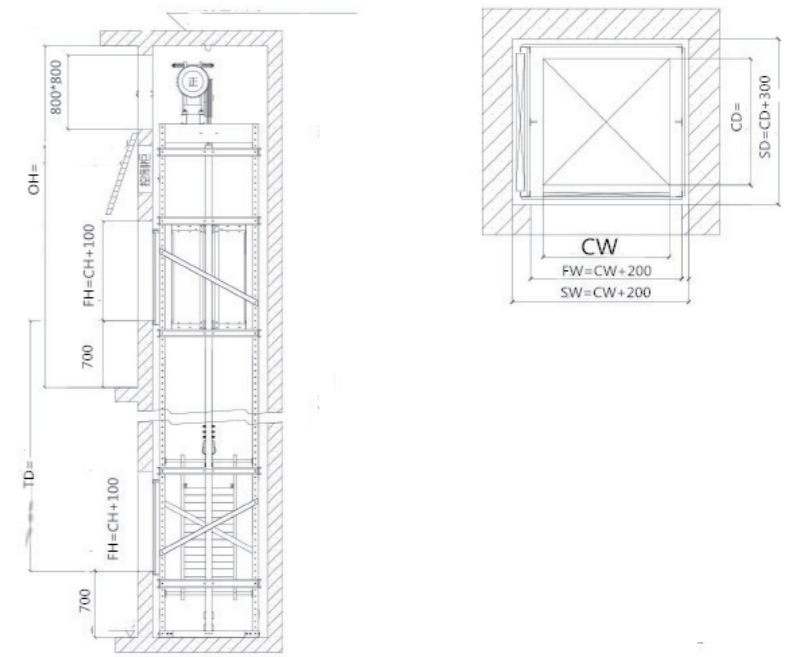


Telescopic Door



Semi Automatic Door

DUMBWAITER ELEVATOR SHAFT DRAWING



Type	Table type	Prepared hole size for landing door(FW*FH),Shaft size(SW*SD),Overhead height(OH)											
		Serving height(SH)											
Load	SH	Car Dimension			Bi-pating door(without car door)			Hinged door(without car protection bar)			2Panel up-sliding door(without car door)		
		CW	CD	CH	FW*FH	SW*SD	OH	FW*FH	SW*SD	OH	FW*FH	SW*SD	OH
100KG	700	500	600	600	700*700	820*900	≥2800	750*700	820*870	≥2800	/	/	/
100KG	700	500	600	700	700*800	820*900	≥2900	750*800	820*870	≥2900	700*800	860*950	≥3100
100KG	700	600	600	800	800*900	920*900	≥3100	850*900	920*870	≥3000	800*900	960*950	≥3100
100KG	700	600	700	800	800*900	920*1000	≥3100	850*900	920*970	≥3000	800*900	960*1050	≥3100
200KG	700	700	700	800	900*900	1020*1000	≥3100	950*900	1020*970	≥3000	/	/	/
200KG	700	700	800	900	900*1000	1020*1100	≥3200	950*1000	1020*1070	≥3200	900*1000	1060*1150	≥3200
Type	Floor type	Prepared hole size for landing door(FW*FH),Shaft size(SW*SD),Overhead height(OH)											
		Pit depth(DP)											
Load	DP	Car Dimension			Bi-pating door(without car door)			Hinged door(without car protection bar)			2Panel up-sliding door(without car door)		
		CW	CD	CH	FW*FH	SW*SD	OH	FW*FH	SW*SD	OH	FW*FH	SW*SD	OH
200KG	500	800	800	1000	/	/	/	1050*1100	1120*1100	≥3000	1000*1100	1160*1200	≥3000
200KG	500	800	900	1000	/	/	/	1050*1100	1120*1200	≥3000	1000*1100	1160*1300	≥3000
200KG	500	900	900	1000	/	/	/	1150*1100	1220*1200	≥3000	/	/	/
250KG	500	900	1000	1000	/	/	/	1150*1100	1220*1300	≥3000	/	/	/
250KG	500	1000	1000	1100	/	/	/	1250*1200	1320*1300	≥3100	/	/	/
300KG	500	1000	1000	1200	/	/	/	1250*1300	1500*1200	≥3200	1200*1300	1500*1300	≥3200

Note:300KG dumbwaiters are required shaft without machine room,don't be equipped with self-supporting structure.

FUNCTION TABLE

S-Standard O-Optional,need to increase optional

Travel function

S VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in lift start,travel and stop and gain the sound comfort
S VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
S Independent running	The lift can not respond to outer calling,but only respond to the command inside the car through the action switch.
S Automatic pass without stop	When the car is crowded with the passengers or the load is close to preset value,the car will automatically pass the calling landing in order to keep maximum trabel efficiency.
S Automatic adjustdoor opening time	Door open time can be automatically adjusted according to the difference between landing calling or car calling
S Reopen with hall call	In the door shuttingprocess,press reopen with hall call button can restar the door.
S Express door closing	When the lift stops and opens the door,press door-shut button,the door will be closed immediatly
S Car stops and door open	The lift decelerates and levels,the door only opens after the lift comes to a complete stop.
S Car arrival gong	Arrival gong in th car top announces that the passengers arrive.
S Command register cancel	If you press the wrong floor command button in the car,twice continuous pressing of the same button can cancelthe registered command.
O Anti-nuisance	In the light lift load,when three more commands appea,in order to avoid the unnecessary parking,all the registered calling in the car will be cancelled.
O Open the door in advance	When the lift decelerates and enters into door open zone,it automatically opens the door to enhance the travel efficiency.
O Direct parking	It completely accords with distance principle with no crawling in the leveling,It greatly enhances the travel efficiency.
O Group control function	When three or more same model lift groups are controlled in use,the lift group can automatically choose the most appropriate response.It avoids the repeated lift parking,reduces the passengers waiting time and increases the travel efficiency.
O Duplex control	Two sets of same model lifts can unanimously respond the calling signal through the copmuter dispatch.In this way,it reduces the passengers waiting time to the greatest extent and enhances the travel efficiency as well.
O On-duty peak service	Within the preset on-duty time,upward transport from the home landing is extremely busy.The lift are continuously dispatched to the home landing in order to satisfy on duty peak service.
O Off-duty peak service	Within the preset off-duty time,The lift are continuously dispatched to the top floor in order to satisfy off-duty peak service.
O Door open time extending	Press special button on cop,door open time extended.

FUNCTION TABLE

Man-machine interface

S Micro-touch button for car call and hall call	Novel micro-touch button is used for operation panel command button in the car and landing calling button
S Floor and direction indicator inside car	The car shows the lift floor location and current travel direction
S Floor and direction indicator in hall	The landing shows the lift floor location and current travel direction
O Voice announcer	When the lift normally arrives,voice anouncer informs the passengers about the relevant information
O Car assistant operation box	It's used in the large loading weighy lifts or the lifts witj crowded passengers so that more and more passengers can use the car.
O Operation box for the handicapped	It's convenient for the wheelchair passengers and those who have vision problems.
O Intelligent calling service	The car command or hoist-way calling can be locked or connected through special intellient input.
O IC card control function	All landings can only input car commands through IC card after the authorization.

Monitor function

O Remote monitor	The lift long distance monitor and control can be fulfilled through modem and telephone,it's convenient for the factories and service units to timely know the travel conditions of every lift and promptly take the corresponding measures.
O Remote control	The lift can have independent travel according to the specific requirements through operation momitor screen(optional) .
O Camera function in the car	The camera is installed in the car to monitor the car conditions.

Safety function

S Light curtains protection	In the door open and shut period,infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects.
S Designated stop	If the lift can not open the door in the destination floor out of some rension,the lift will close the door and travel to the next designated floor.
S Overload holding stop	When the car is overload,the buzzer rings and stops the lift in the same floor.
S Anti-stall timer protection	The lift stops operation due to slippery traction wire rope.
S Start protection control	If the lift does not leave door zone within the designated time after it gets started,it will stop the operation.

FUNCTION TABLE

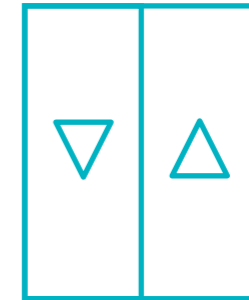
S Inspection operation	When the car enters into inspection operation,the car travels at inching running.
S Fault self-diagnosis	The controller can record 62 latest troubles so as to quickly remove the trouble and restore the lift operation.
S Repeated door closing	If the lift can not close the door due to certain obstacle or interference,the lift will reopen or re-shut the door until sundries are eliminated.
S Up/down over-run and final limit protection	The device can effectively prevent from the lift's surging to the trouble and restore the lift operation.
S Down over-speed protection device	When the lift down 1.2 time higher than the rated speed,this device will automatically cut off control mains,stop the motor running so as to stop lift down at over-speed.If the lift continues to down at over-speed,and the speed is 1.4time higher than rated speed,safety tongs act to force the lift stop in order to ensure the safety.
S Upward over-speed protection device	When the lift up speed is 1.2 time higher than the rated speed,this device will automatically decelerate or brake the lift.
S Elevator cab prevents accidental movement	When the elevator is in the open state,if there is accidental movement,the elevator cab can present the movement.

Emergency function

S Emergency car lighting	Emergency car lighting automatically activated once power failure.
S Inching running	When the lift enters into emergency electric operation,the car travels at low speed inching running.
S Five way intercom	Communication car and car top,lift machine room,well pit and resure duty room through walkie-talkie.
S Bell	In emergency conditions,if bell button above car operation panel is continuously pressed,electric bell rings on top of the car.
S Fire emergency return	If you start key switch in main landing or monitor screen,all the callings will be cancelled.The lift directly and immediately drives to the designated rescue landing and autimatically opens the door.
O Leveling when power failure	In normal power failure,the chargeable battery supplies the lift power.The lift drives to the nearest landing.

Energy-saving function

S Car ventilation,light automatic shut off	If there is no calling or command signal within the stipulated time,the car fan and lighting will be anuomatically closed in order to save the energy.
S Remote shut-off	The lift can be called to main landing(after finishing the service)through the key switch and automatically exisits the service.



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