



TM. ENTERPRISES AND ELEVATORS

Total Solution
Vertical
Transportation



Taking Technology to 
 the **Next Level**

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OUR ADVANTAGE

TME Elevator actively explores various intelligence technology in the field of elevator, which not only improves the efficiency of the operation of the elevator.



INTELLIGENT

TME elevator actively explores various intelligence technology in the field of elevator, which not only improves the efficiency of the operation of the elevator.

But also more provide efficient management solutions for vertical transportation in urban buildings.



ENERGY SAVING

Initiative four-quadrant frequency conversion drive technology in the industry, namely achieving two-way flow of energy through IGBT power module.

The energy generated by the motor feedback can be sent back to the grid to achieve energy efficient effects.



Manufacturing , Installation , Maintenance



FREQUENCY CONVERSION

You can adjust the input power factor to eliminate the harmonic pollution to the power grid, making the frequency converter really become the green product.



CONTROL

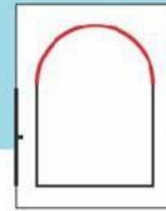
brake resistance is not needed to dissipate the heat and eliminate the damage caused by heat dissipation through braking resistor to the electronic component.

Capsule Elevator

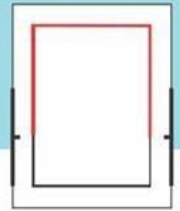


Capacity 6 to 16 Passenger

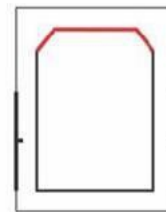
There is a variety of forms to meet different needs.



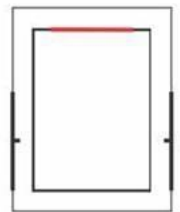
Semi-circular Type



Square Type

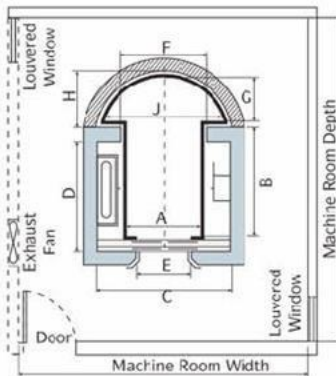


Octagonal Type

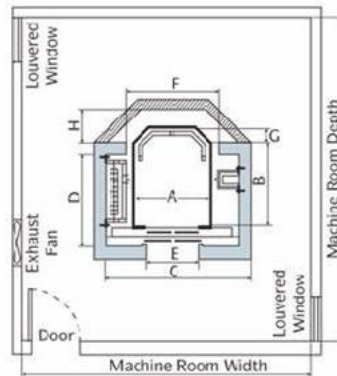


Future Prospects

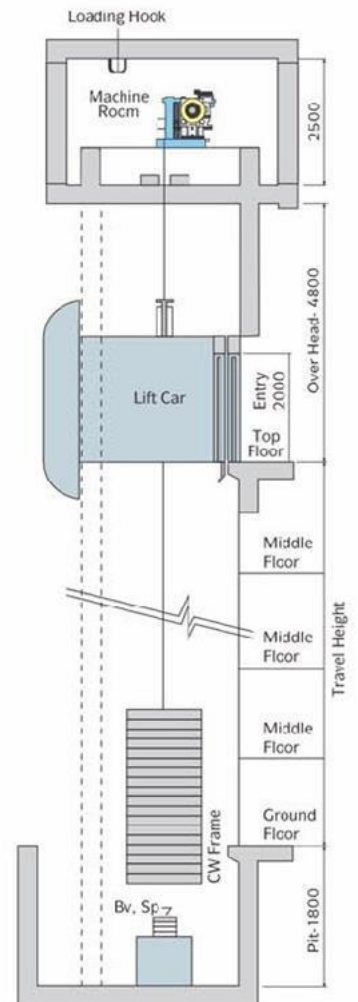
Construction Parameters



A



B



A

Load		Car Inside				Left Well				Entrance
Person	Kgs.	A	B	J	G	C	D	F	H	E
10	680	1100	1300	1400	650	2200	1325	1330	1100	300
13	884	1200	1400	1550	700	2400	1425	1430	1100	900
16	1088	1300	1500	1700	750	2800	1530	1530	1200	1000

B

Load		Car Inside			Left Well				Entrance
Person	Kgs.	A	B	G	C	D	F	H	E
10	680	1250	1300	250	2200	1450	1480	580	300
13	884	1400	1400	300	2400	1550	1630	650	900
16	1088	1550	1500	350	2800	1780	1650	790	1000

Manual Door Elevator



Manufacturing , Installation , Maintenance

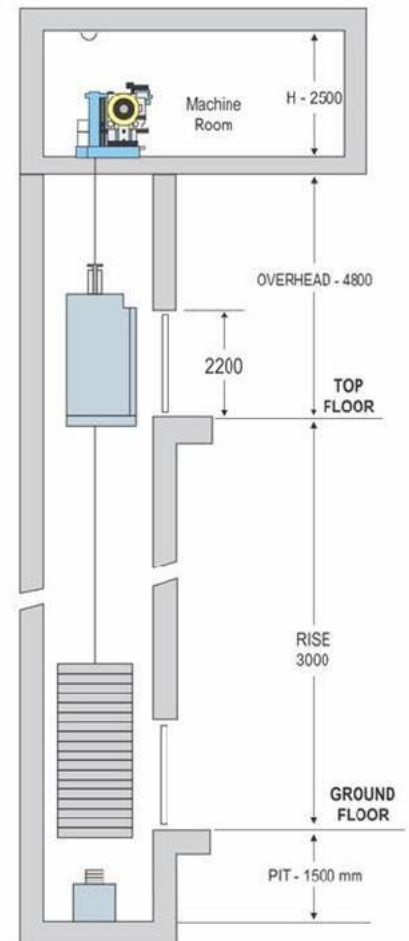
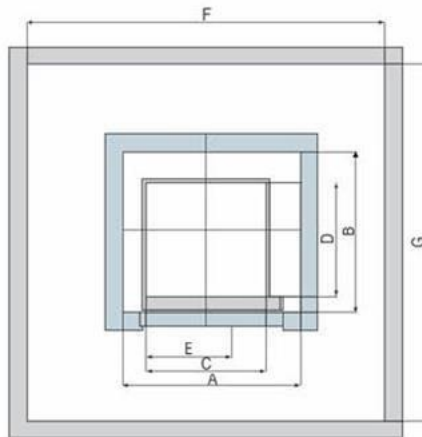
Manual Passenger Elevator for economically suited all type of Residential & Commercial Buildings depending upon the shaft size with speed/ amenities up to choice owners.



Capacity 3 to 20 Passenger



Construction Parameters



Passenger	CAR INSIDE		ELEVATOR WALL SIZE		Entrance	Min.Width
	Width	Depth	Width	Depth		
4	1200	950	1600	1500	700	1550
5	1200	1050	1600	1600	700	1550
6	1300	1200	1700	1750	800	1700
8	1300	1500	1700	2050	800	1700
10	1500	1600	1900	2150	900	2000

All Dimension are in mm. * This is General Data. it may be changed without notice. * All hoist way walls should be minimum 230 mm brick or 150 mm R. C. C.

Back Side Counter Weight

Auto Door Elevator



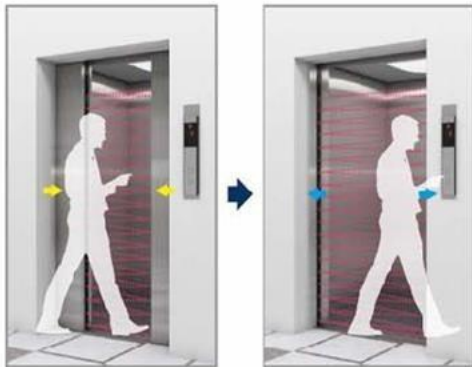
Automatic Passenger Elevators for Residential, Commercial Buildings, Hotel, Clubs, & Bungalows depending upon the shaft size with speed / amenities up to choice owners.



Capacity 3 to 20 Passenger

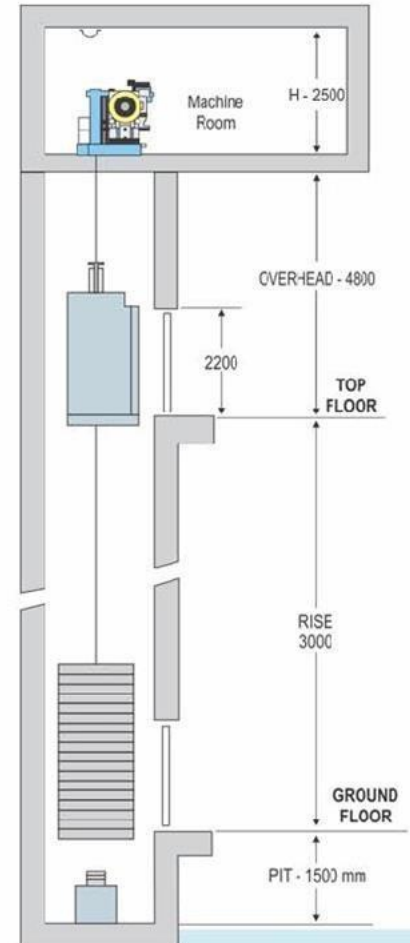
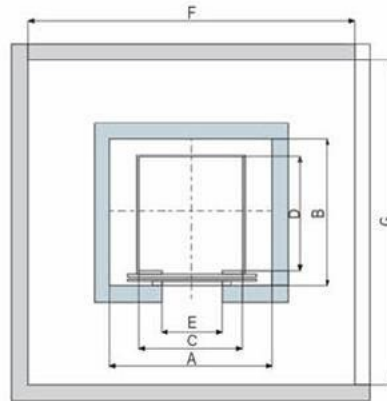
Multi-beam Door Sensor (Optional)

If the sensor detects a person or object between closing doors, the doors immediately reverse to open to prevent anyone or anything from being caught.



1 A person or object is detected. 2 The closing doors reverse to open.

Construction Parameters



Passenger	CAR INSIDE		ELEVATOR WALL SIZE			
	Width	Depth	Width	Depth	Entrance	Min.Width
4	1200	950	1650	1550	700	1550
5	1200	1050	1650	1650	700	1550
6	1300	1200	1750	1800	800	1750
8	1300	1500	1750	2100	800	1750
10	1500	1600	1950	2200	900	2000
13	1500	1900	1950	2500	900	2000
15	1650	2200	2150	2800	900/1000	2200/2150

* All Dimension are in mm. * This is General Data, it may be changed without notice. * All hoist way walls should be minimum 230 mm brick or 150 mm R. C. C.

Back Side Counter Weight

Hospital Elevator

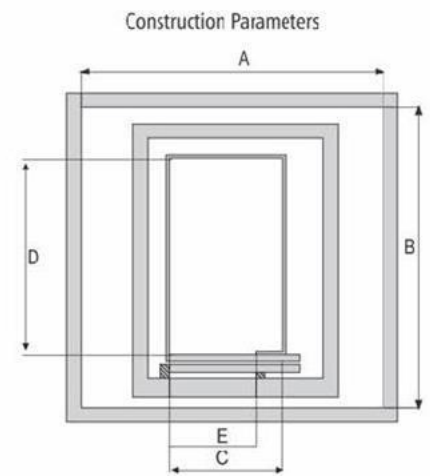
Manufacturing , Installation , Maintenance

Install service is the prerequisite of healthcare industries. By offering excellent services, TME has achieved the paramount place in the service industries.

TME bed and stretcher elevators series follow persistent compassionate thinking, By applying destination control and group control mechanism, TME fulfills the intellectual elevator travel and reduces the patient's waiting period to minimum extent.



Capacity 8 to 20 Passenger





Ceiling
Stainless Steel Ceiling
Square LED Light Blower fan

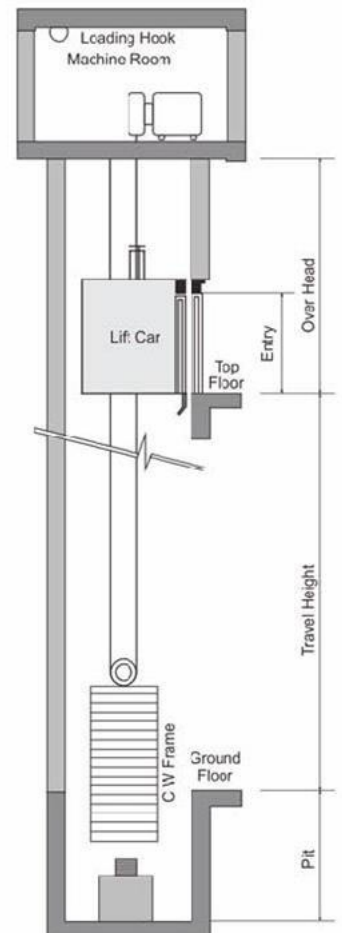
Car Operating Panel
Stainless Steel Luminous Buttons (Square Type) with LCD Floor Positioning Indicator

Car Enclosure
SS Hairline Finish Car

Flooring
PVC / Chequered Plate

Car Door
SS Hairline Finish Door

Stainless Steel Cabin



	CAR INSIDE		ELEVATOR WALL SIZE		Entrance	Min.Width
	Width	Depth	Width	Depth		
Passenger						
15/1020 Kg	1100	2500	1850	3000	800	1700
20/1360 Kg	1300	2500	2050	3000	900	2000
26/1768 Kg	1600	2500	2350	3000	900/1000	2000/2150

All Dimension are in mm. * This is General Data, it may be changed without notice. • All hoist way walls should be minimum 230 mm brick or 150 mm R. C. C.

L & R Side Counter Weight

Goods Elevator

For transporting goods vertically requires meticulously designed elevators. Elevator designing requires painstaking efforts to match various needs. There are many criteria to be considered carefully while designing goods elevator like, size, goods to be transported, method of handling and the ambience in which lift operates.

TME has designed and supply array of products to suffice the need of various industries.

At TME, we assist you in all ways and means helping you to achieve the right vertical transportation.



500 to 4000 Load Capacity



Safe and reliable



Stable and precise

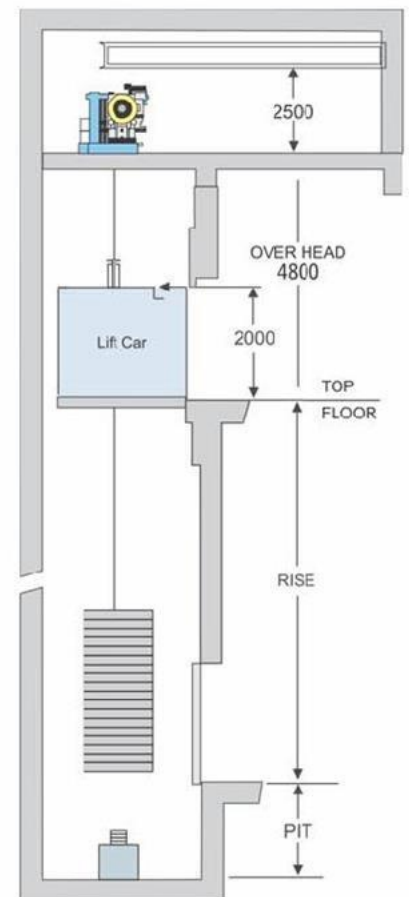
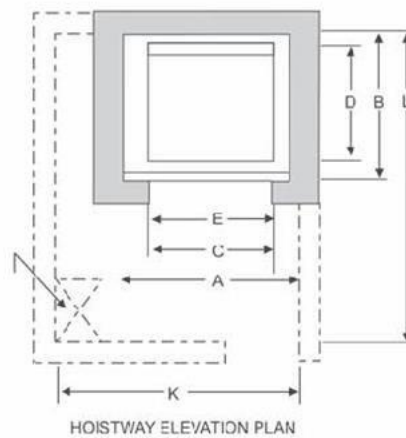


Energy saving and durable

Construction Parameters



Heavy Duty Cabin



LOAD	LIFT WELL		CAR INSIDE		ENTRANCE		MACHINE ROOM		UPTO 0.7 M / SEC.	
	Width A	Width B	Depth C	Depth D	Width E	Depth F	Height G	Height H	Pit K	O.H. M
500	1900	1500	1100	1200	750	3000	3800	2500	1600	4800
1000	2300	2100	1400	1800	1000	3000	4000	2500	1600	4800
1500	2600	2300	1700	2000	1250	3200	4200	2500	1600	4800
2000	2600	2800	1700	2500	1500	3200	4200	2500	1600	4800
2500	2900	2800	2000	2500	1500	3500	4400	2500	1600	4800
3000	2900	3300	2000	3000	2000	3500	4500	2500	1600	4800
4000	3400	3300	2500	3000	2000	4000	4600	2500	1600	4800

All Dimension are in mm. This is General Data, without notice.

MRL

Machine Roomless Elevator



Manufacturing , Installation , Maintenance



Distinctive gearless traction machine with state-of-the-art PM motor

(PM: permanent magnet)

The traction machine is the most important component of an elevator. Mitsubishi Electric manufactures high-precision motors by making use of our unique motor and wire winding technologies. Moreover, the traction machine comes with double brakes as standard, which boosts braking performance significantly.



Capacity 3 to 15 Passenger



Green environmental protection



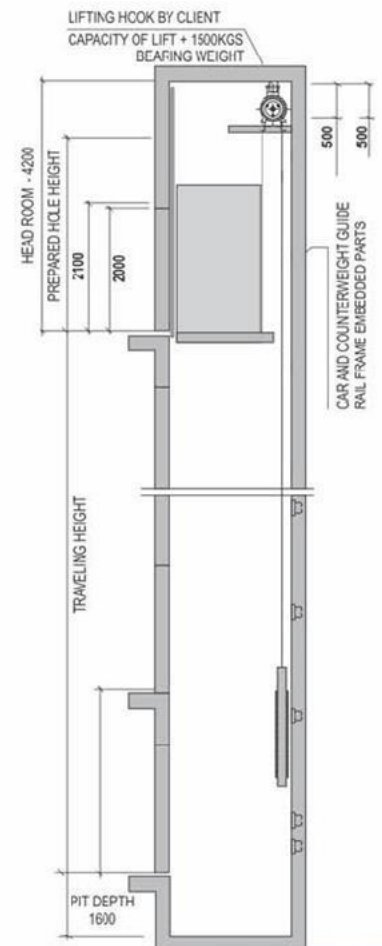
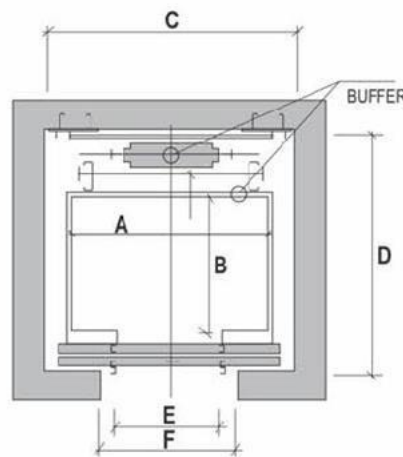
Effective and Energy-saving



Space-saving



Low noise



Passenger	CAR INSIDE		ELEVATOR WALL SIZE			
	Width	Depth	Width	Depth	Entrance	Min. Width
4	1200	950	1800	1350	700/800	1550/1700
5	1200	1050	1800	1450	700/800	1550/1700
6	1300	1200	1900	1600	800	1700
8	1300	1500	1900	1900	800	1700
10	1500	1600	2100	2000	900	2000
13	1500	1900	2100	2300	900	2000
15	1650	2200	2250	2600	900/1000	2200/2150

All Dimension are in mm. * This is General Data, it may be changed without notice. * All hoistway walls should be minimum 230 mrr brick or 150 mrr R. C. C.

Automobile Elevator



Manufacturing , Installation , Maintenance

In TME Car elevator are immaculately designed to carry the load and spaciousness to accommodate the various size of cars available in the market. Precision in design and safety are the paramount and prerequisite while designing car elevators.

TME car elevators come with both, single side and two side opening option. Please ask TME sales person for various optional features for car elevators.

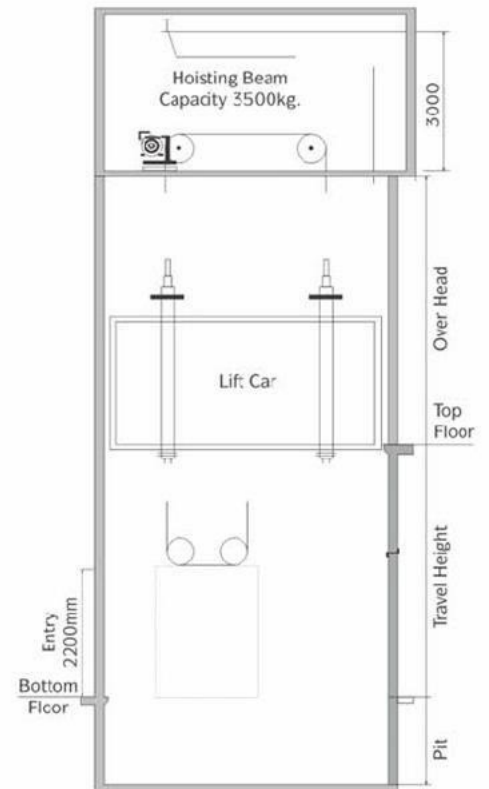


500 to 3000 Kg. Load Capacity

Description	Vertical Transportation for Cars/ LMVs
Segment	Industrial applications & Car Parks
Max. travel (m)	100 (Solutions available for higher travel)
Max. load (kg)	500 - 3000 Kg (Solutions available for higher capacities)
Max. speed (m/s)	0.5 mps (Solutions available for other speeds)
Max. group size	Duplex



Hoistway Plan



Elevation

Hydraulic Car Elevator



Car Stacker Parking





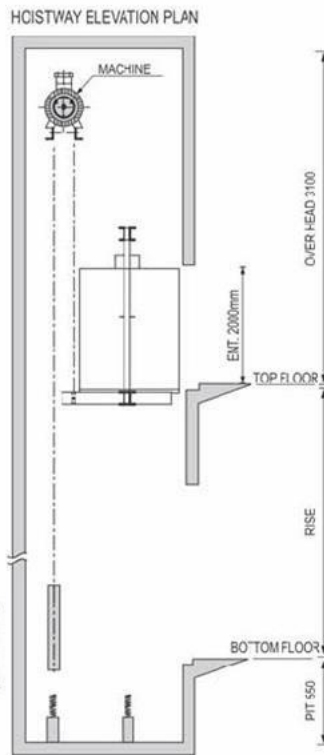
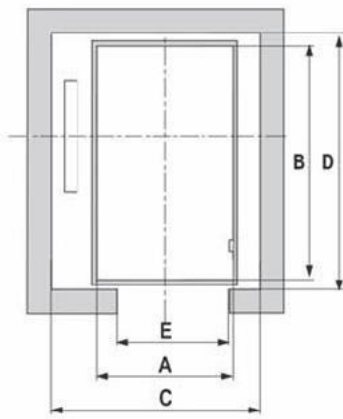
Manufacturing , Installation , Maintenance

Home Elevator



Home Passenger Elevators for Duplex Flat & Bungalows Saves Machine Room Construction Single phase & Three phase compact design high quality gearless machine unit with latest technology controlling system Depending upon the shaft size with speed / amenities up to the choice of owners.

Capacity 3 to 6 Passenger



COP



LOP

DOCR OPERATION	LOAD		LIFT WELL		CAR INSIDE		ENTRANCE	SPEED	PIT	OVER HEAD
	Persons	KGS	C	D	A	B	E	(MPS)		
Manual Door	3	204	1100	1200	810	700	700	0.3	550	3100
Manual Door	4	272	1300	1400	800	1200	700	0.3	550	3100
Auto Door	3	204	1250	1250	810	700	700	0.3	550	3100
Auto Door	4	272	1300	1600	850	1150	700	0.3	550	3100

Note : This Is Our Standard Data, If other Special Requirement Please Contact us.

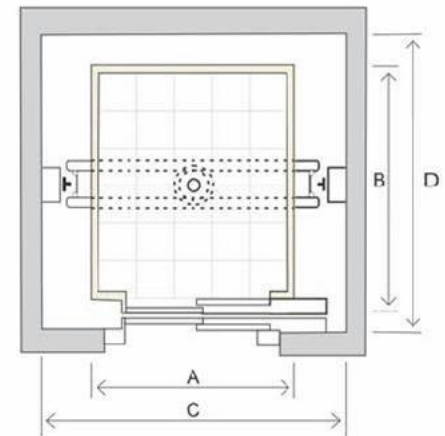
Hydraulic Elevator For Low Rise

Eco Friendly Product

Hydraulic Passenger, Goods Elevator, Manual, Autodoor for Residential, Commercial, Hotel, Clubs, Bungalows & Industrial Buildings depending upon the shaft size & convenient machine room less movement of men, material & vehicles. with speed / amenities up to choice of owners.



Capacity 3 to 20 Passenger



HOLE TYPE

It is a directly suspension with a simple or split piston.
It is the simplest solution of suspension for any load. upto 6 meters travel..

Persons	Capacity	Car-W	Card-D	Shaft-W	Shaft-D
	Kg	(A)	(B)	(C)	(D)
3	204	800	1500	1500	1500
4	272	850	1050	1550	1550
5	340	1000	1200	1600	1600
6	408	1100	1250	1700	1700
8	544	1200	1500	1700	1800
10	680	1200	1700	1700	2000
12	844	1300	1800	1900	2100
15	1088	1300	2200	2000	2500
20	1428	1400	2500	2100	2800
24	1700	1500	2500	2200	2800



DURA Hydraulic Elevators Gives You :

- Safe, secure and powerful vertical transportation.
- 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.
- Down time power free.
- ARD (Auto Rescue Device).



Manual Door

Elevators use two different sets of doors : doors on the card 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 relatively short period of time, elevators have become essential to urban life. As people continue to erect monumental skyscrapers and make small building handicap-accessible, elevators will become an even more pervasive element in society. It is truly one of the most important - and useful - machines of the modern era.

Collapsible Door Car & Landing



Car Collapsible Door & Landing M.S.Swing Door



Imperforates Door Car & Landing



Manual Telescopic Door Car & Landing

Auto Door

The automatic doors at grocery stores and office building mainly exist for convenience. The automatic doors in an elevator, on the other hand, are absolutely essential - they keep people from falling down an open shaft.

Elevators use two different sets of doors: doors 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.



SS Center Auto Door Car & Landing



MS Powder Coating Center Auto Door Car & Landing



SS Small Vision Center Auto Door Car & Landing



SS Big Vision Glass Center Auto Door Car & Landing



Car Decoration & Designs

The elevator cabin can make a big impression on passengers.

It reflects the building's decor and your commitment to tenants' comfort.

HANDRAIL



Wooden with S.S. & Glass Finish Cabin

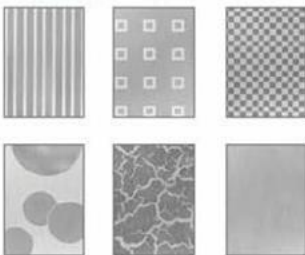


Painted with S.S. & Glass Finish Cabin



Wooden & Glass Finish Cabin

ETCHING S.S. FINISH



Powder Coated Finish Cabin

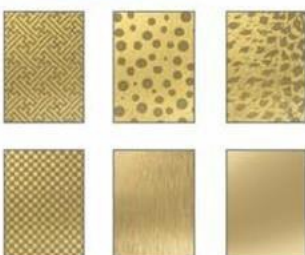


Golden Finish Hairline Cabin



Stainless Steel Hairline Cabin

ETCHING GOLD FINISH



S.S. Hairline Decorative Cabin



Golden & Glass Decorative Cabin



Painted & Glass Cabin



TME Cop & Lop Car Operating Panel & Landing Operating Panel



Copper Designer COP & LOP

Designer COP & LOP

Glass Touch COP & LOP

Display



Segment Type LFD
Position/Direction Indicator



Horizontal Display Effect



5.6" Full Color TFT Display



Vertical Display Effect

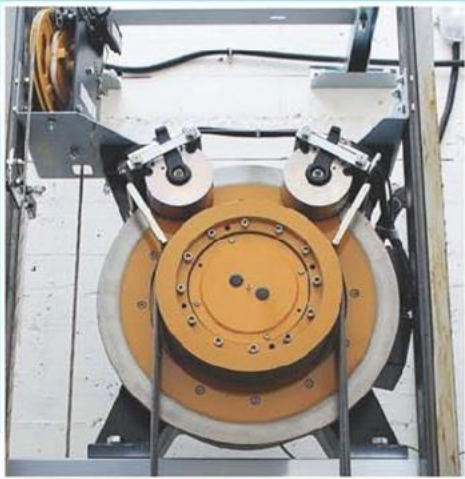


S.S. & Glass COP - LOP

S.S. Cut COP



Gearless Motor Unit



Gearless Machine



Gearless Machine



Energy Saving



Steady Running



Sturdy and Durable



Green and Maintenance-free

Geared Motor Unit



Compact Traction Machine



High Speed Traction M/c.



High Speed Traction M/c.

The safe and more energy-saving integrated control

Positioned to a proper distance and in limited room, the control panel requires limited energy consumption, comparable to a common electric household appliance.



V3F Drive



MRL Panel



Integrated Control Panel



Microprocessor with Integrated Controller



Standard Panel



TM. ENTERPRISES AND ELEVATORS

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