



Choice to Success



An 9001 : 2008 Company



# ELCON

ELEVATOR PVT. LTD.





## Profile

We the M/s ELCON ELEVATOR PVT. LTD. an ISO 9001 : 2008 certified company was incorporated and started way back in the year 2006 for designing, installation, testing and commissioning of our own brand of lifts including prevention maintenance, repair & modernisation of existing Elevator (Lift) using state of art and latest technologies. It is needless to say the during the small span of nearly five years time, we attained the major share in the field of lift marketing in the state of Bihar, Jharkhand, Orissa and very soon preparing to enter the new areas of U.P., Uttarakhand and Chhattisgarh with wide range of our passenger, goods, service, Hospital (Bed). Dumbwaiter, car parking elevators tailoring as per the need and requirement of valued customers.

Since the lift is a Tailor made item So, our company professionally and exclusively design supply and install all kind of elevator like passenger, Freight, Parking (car & automobile), hydraulic and machine room less and below traction and gearless elevator to facilitate and cater the customer choice in carp orating, precision and state of art latest innovated technologies.

We procure and secure high quality materials from government approved supplier with valid registered or ISO certified companies. Our high skilled and well trained technical people ensure that very lift installed is absolutely safe and fail proof as per the guidelines of is specification.

Time and commitment is the essence of our company. The company punctually adheres to contractual time of delivery and erection schedule. The company backs-up its product with 12 months warranty period.

We aim to give a total 360° customer satisfaction with our product, workmanship and after sales for all the 365 days of the year to enhance the operational quality by maintaining better quality system check point.

## Product Range / Specification :

We provide one stop solution for your vertical transportation system.

**Passenger Lifts :** For 4 to 26 passengers used in residential & commercial building with manual or automatic doors.

**Stretcher / Hospital Lifts :** Bed Lifts with capacity of 10 to 16 passengers and for smooth movement of patients on stretchers.

**Goods Lifts / Freight Lifts :** Used in factories, cement plants to carry weight up to 5 ton.

**Capsule Lifts :** With 3, 5 side panoramic view.

**Flame proof Lifts :** For petrochemical industries.

**Car Lifts / Parking Lifts :** For buildings with inadequate space bungalows and low rise buildings.

**Dumb waiters :** For Hotel & Hospital use.

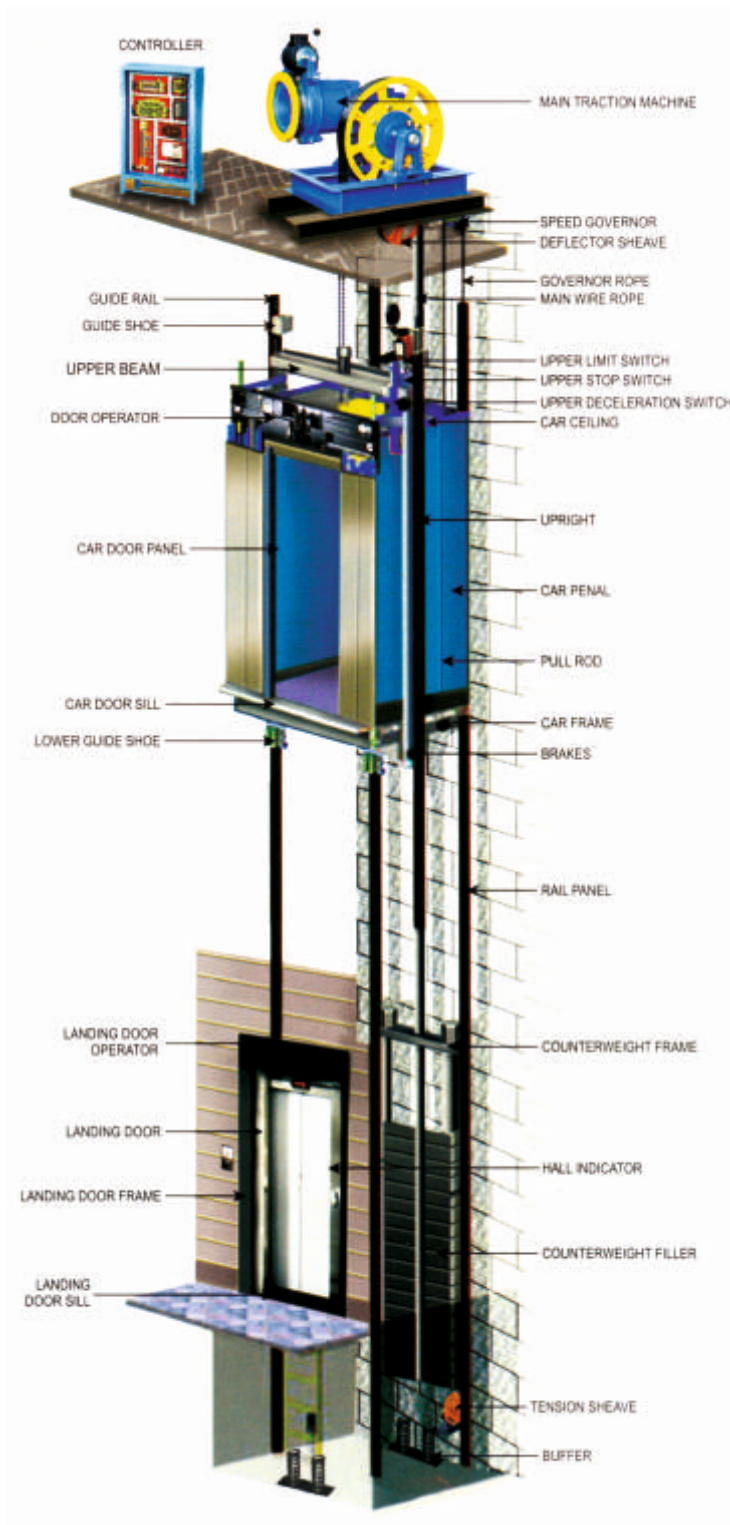




Glass Cabin



Combo Cabin





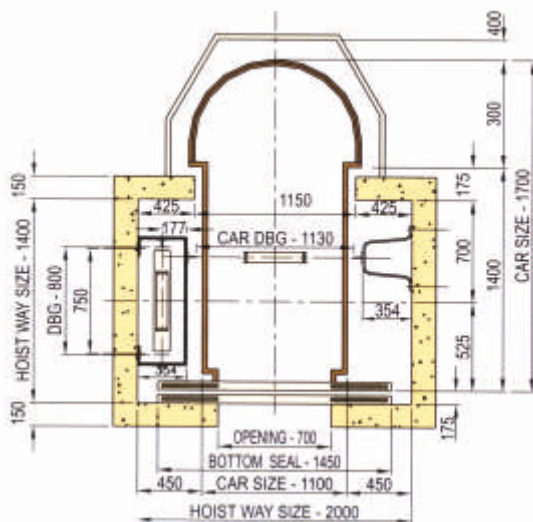
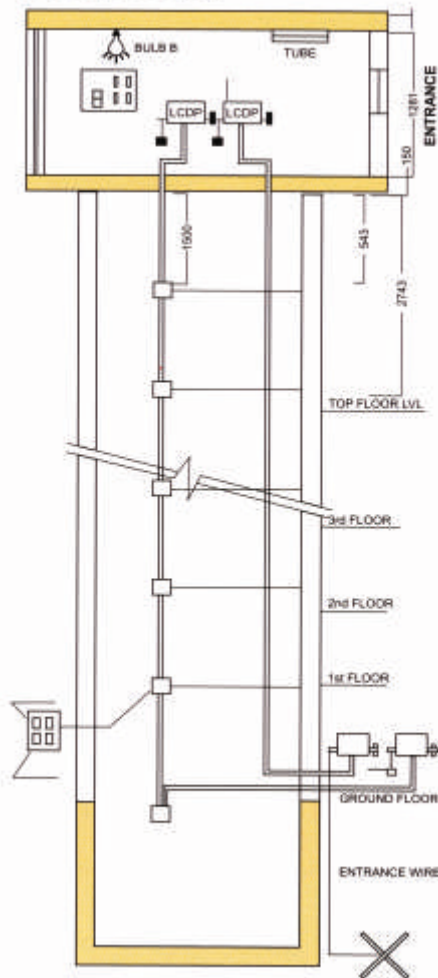


# Electrical Work

## Done by Client

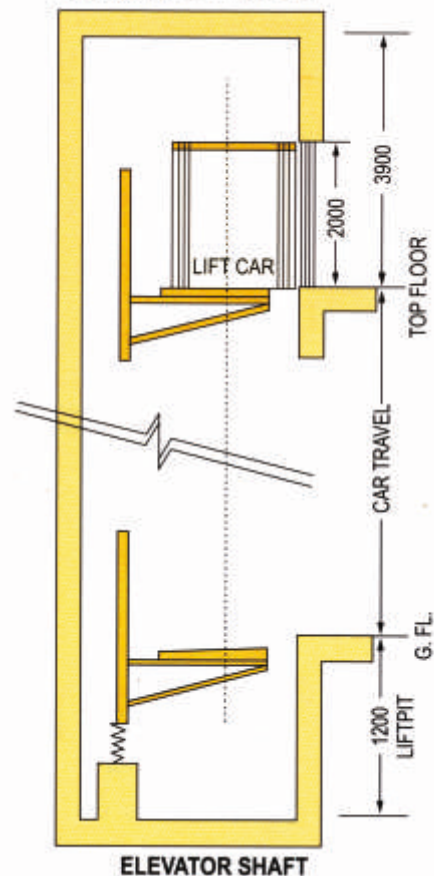


### HOIST WAY SECTION



1. For Passenger Lift Load App. \_ HP (kw)30,415v, 50C/S, 230v. 50 C/S.
2. Hoist Way Wiring with Switch Board (Single Phase Wiring with Earthing). To Be Provided On Site of SW. Board At Every Floor Level and One at 1500 MM Down to The Bottom of Top Floor of The Lift Shaft.
3. In Machine Room 1 Tube Light, 1 Bulb, 1 Exhaust Fan, 1 Three Pin Plug Point, With Switch To be Provided.
4. 4 Core Copper Cable 6 Sq MM for Passenger Lift.....H.P Form G  
Floor I.C.T.P Switch to M/c Room I.C.T.P Switch.
5. 10 Gauge Copper Wire Double Pulled Out From Near by Ground with Proper Treatment.
6. Proper Earthing Up To I.C.T.P & I.C.D.P Switch In M/c Room to Ground Floor I.C.T.P & I.C.T.P Switch.

### HYDRAULIC ELEVATOR





# Passenger Elevator

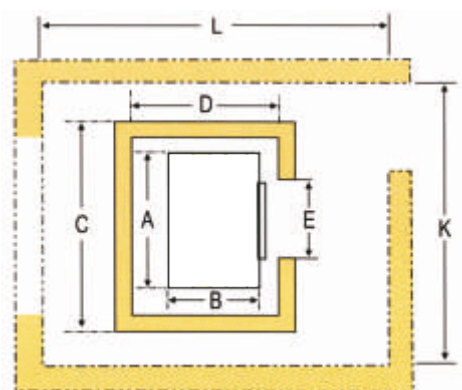
Self Call Door



Telescopic Self Door



take the extra step for **safety**



## SPACE REQUIREMENTS FOR MANUAL DOOR OPERATION PASSENGER ELEVATORS

Load		Platform Edges		Lift-well In Side Finshed		Entrance Width	Door Type	Machine Room		Speed MPS	PIT Depth	Over Head
PER SONS	KG	A	B	C	D	E		K	L			
5	340	1250	950	1600	1200	760	Collapsible/ Swing / Imperforated	300+C+300	600+D+1500	Upto 0.68	1600	4900
6	408	1300	1000	1700	1300	800		300+C+300	600+D+1500			
8	544	1500	1200	1900	1500	800		300+C+300	600+D+1500			
13	884	1900	1500	2400	1850	900		600+C+600	300+D+1500			

All Dimension are in mm

This is General Data, it may be changed without notice. For more details contact us.

All hoist way walls should be minimum 230 mm brick or 150 mm R.C.C.



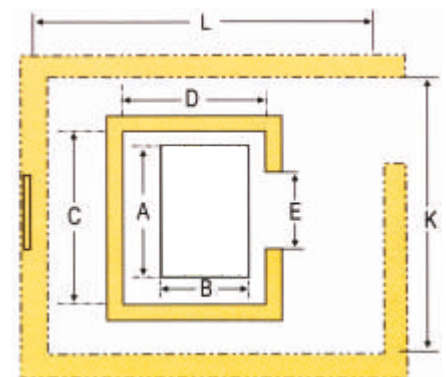
Auto Door



A Passenger lift is designed to ferry people from point A to Point B vertically. The modern passenger lifts is a simple means of transport within a building. Passenger elevators capacity is related to the available floor space.

Generally passenger elevators are available in typical capacities from 6 to 13 passengers and speed varying between 0.5 Meter/Sec, to 1.5 Meter/Sec.

Choice of passenger elevator typically depends on type of building (Commercial, Residential, Hotel, Mall, Housing Society etc.) and parameters such as passenger traffic movement. Budget involved is also a deciding factor between manual door and auto door passenger elevators. ELCON offers all types of passenger elevator whether auto or manually operated doors with variety of aesthetic choices for interior, flooring & false ceiling.



## SPACE REQUIREMENTS FOR AUTOMATIC VARIABLE SPEED COLLECTIVE OPERATION PASSENGER ELEVATORS

Load		Platform Edges		Lift-well In Side Finished		Entrance Width	Door Type	Machine Room		Speed MPS	PIT Depth	Over Head
PER SONS	KG	A	B	C	D	E		K	L			
6	408	1300	1100	1600	1400	700	Auto Center Opening	300+C+300	600+D+1500	Upto 1.0	1600	4900
8	544	1500	1300	1800	1800	800		300+C+300	600+D+1500			
10	680	1650	1400	2000	2000	800		600+C+600	600+D+1500			
13	884	1900	1500	2000	2000	900		600+C+600	600+D+1500			

All Dimension are in mm

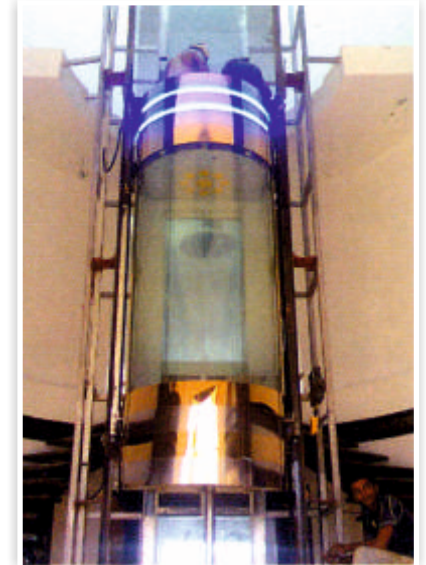
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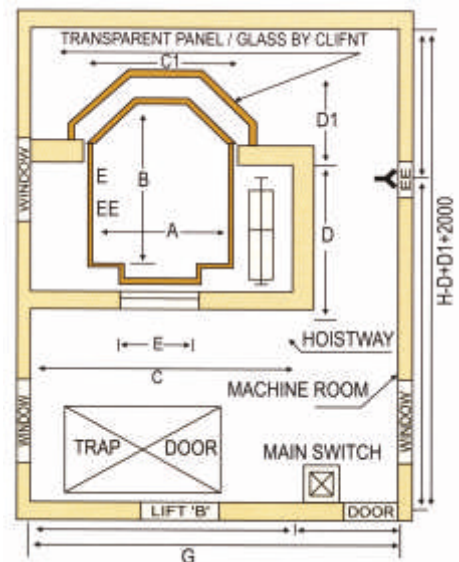




# Capsule Elevator



Capsule Elevator is essentially installed at a place where elevation of building is to be enhanced with display of moving lift passenger is provided with panoramic view of surroundings. Capsule elevator normally comes in 5 and 3 glass panel, capsule Elevators normally preferred in shopping malls (to give view items displayed), 5 star Hotel (to provide lobby view) and high rise residential buildings.



## SPACE REQUIREMENTS FOR CAPSULE ELEVATOR

CAPACITY	A	B	C	C1	D	D1	G	H	E	OH	PIT
6P/544KG	1000	1200	2100	1150	1200	650	3600	3850	800	5000	2200
8P/680KG	1100	1400	2300	1250	1200	650	3850	3850	800	5000	2200
10 P/884 KG	1300	1450	2500	1450	1450	650	4000	3850	800	5000	2200

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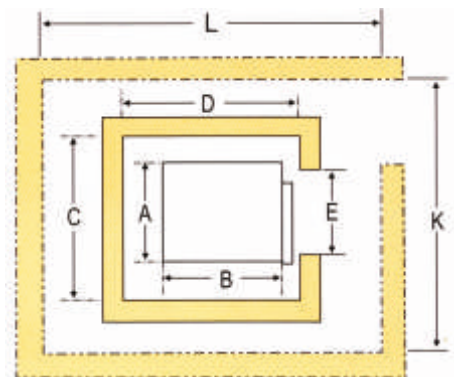


# Hospital Elevator



Hospital elevators are used for simple transportation of a patient on wheelchair to wheeling away a critical patient on stretcher without disturbing his life support system with doctors and nurses, smoothly, silently and swiftly, without jerks and shocks.

Elevator for medical purpose are vertical transport equipment used in hospital and other relevant places to move patients and surgical instruments. ELCON Offers Hospital elevators in Auto Doors and Manual Doors operation.



## SPACE REQUIREMENTS FOR MANUAL DOOR OPERATION STRETCHER ELEVATORS

Load		Platform Edges		Lift-well In Side Finshed		Entrance Width	Door Type	Machine Room		Speed MPS	PIT Depth	Over Head
PER SONS	KG	A	B	C	D	E		K	L			
8 to 12	544 to 816	1200	2300	1900	3000	1000	Collapsible	600+C+600	600+D+1800	0.3 to 0.5	1600	5100

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# *Types of Doors*



S.S. Center Opening Auto Doors



S.S. Telescopic Auto Doors



S.S. Glass Center Opening Doors



Collapsible Doors



Improprated Doors



Aluminum Telescopic Doors



Wooden Swing Doors



M.S. Swing Doors



M.S. Telescopic Doors



# Elevator Traction Machines



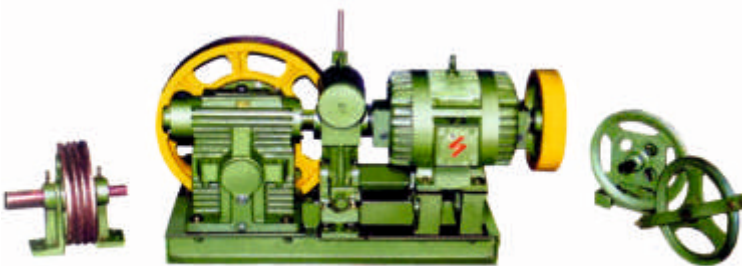
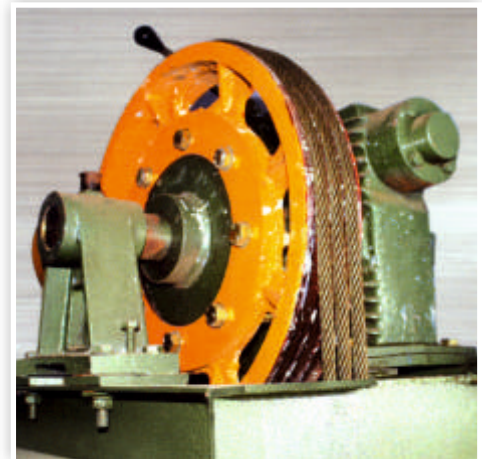
ELCON using six types of machines, they are \* Bottom Traction M/c.

\* Single Shaft Traction M/c \* Machine Roomless \* Gearless Permanent Magnet

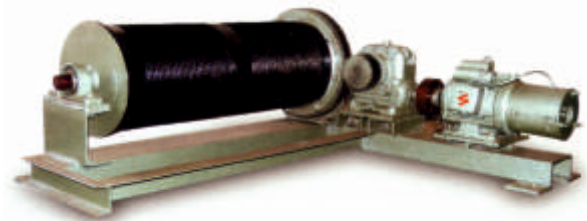
\* Over Speed Governor with PMS motor.

Our machines are specially designed for various application such as speed and capacity with rigid & rugged reliability, smooth trouble free operation. We use standard worm and worm gears with taper roller bearings and thrust bearing in machine for maximum load carrying capacity.

The perfect lubrication system gives longer life and smooth operation. The machine are mounted on special type of Nitrite rubbers which have extra ordinary dumping capacity, due to this characteristic, the machine runs vibration free.



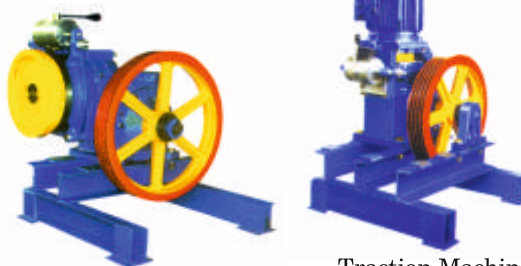
Upper Traction



Drum Elevator Machine



PM Grealess Machine



Traction Machine



Microprocessor Down Collective



ARD



Control Panel with V3F Drive

- Passenger Lifts
- Stretcher / Hospital Lifts
- Goods Lifts / Freight Lifts
- Capsule Lifts
- Flame proof Lifts
- Car Lifts / Parking Lifts
- Dumb waiters

## ELCON ELEVATOR (P) LTD.

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