



NEKSON[™]
— ELEVATORS PVT. LTD. —

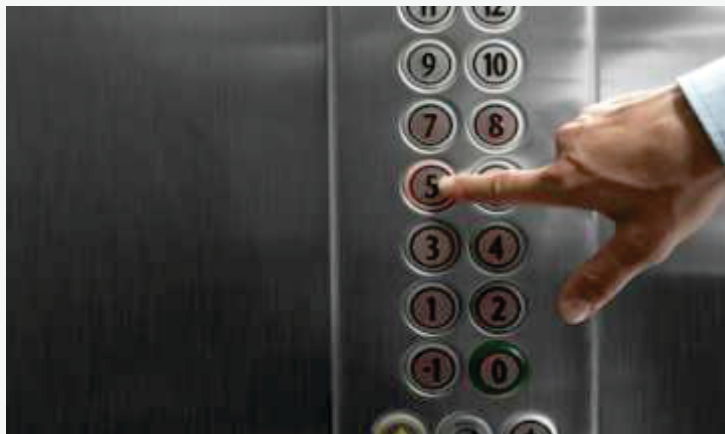


LUXURY HOME LIFT

COMPANY PROFILE

NEKSONELEVATORS is a company closely observing the changing needs of a rapidly advancing society. For over a decade the company has built a strong clientele by manufacturing superior quality elevators and by providing professional maintenance. The company has the best manufacturing facilities and an experienced team that form the pillars of future growth.

We intend to be the recognized leader in service excellence among all companies across worldwide including elevator companies. We encourage our customers total confidence by providing exceptional service that enhances 100% profit of their business and time.



CAPSULE ELEVATORS

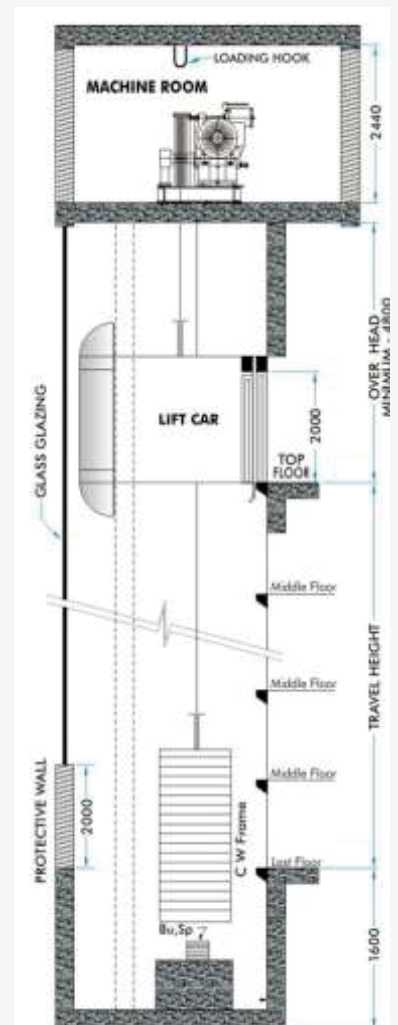
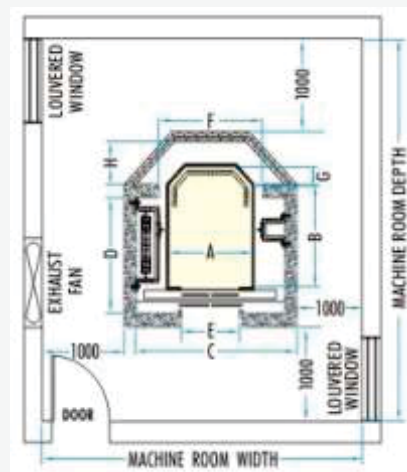
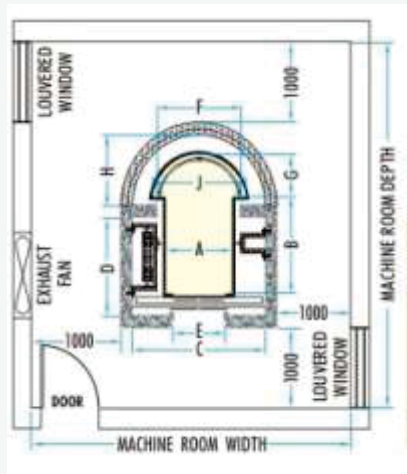
Capacity 10 - 16 Passengers

Glass capsule elevators give an upscale, attractive feel to offices, shopping malls, multiplexes and other prestigious buildings. These lifts owe their stunning looks to the large glass viewing panels which provide entertaining ride to passengers.

Capsule elevators work just as well as small personal lifts for private homes as they do in large office and commercial buildings. Installation on the exterior face of the building or in the lobby will totally change the look of a building and of course they incorporate state-of-the-art technology.

Features:

- Glass/stainless steel/designer stainless steel/gold finish stainless steel.
- Powder coated (multi-colour) cars and doors, elegant in looks, light in weight and variable speed options.
- Microprocessor based controller with full collective-selective control.
- AC VVVF drive for smooth operations and variable speeds.
- Over load indications and floor announcements system.
- Infrared curtain for door safety.
- Automatic rescue device for power back up.
- Luminous push button/touch buttons, which are highly attractive and durable.
- Digital/ LCD floor indication in LOP & COP.
- Decorative LED lights with suspended ceilings.
- PVC/ Marble. granite flooring.
- Blower fan for multi-cross air delivery.



OPTIONS - A

Load		Car Inside				Lift Well				Entrance
Person	Kgs	A	B	J	G	C	D	F	H	E
10	680	1100	1300	1400	650	2200	1325	1330	1100	800
13	884	1200	1400	1550	700	2400	1425	1430	1100	900
16	1088	1300	1500	1700	750	2800	1530	1530	1200	1000

OPTIONS - B

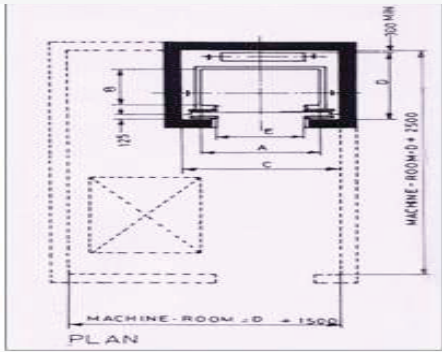
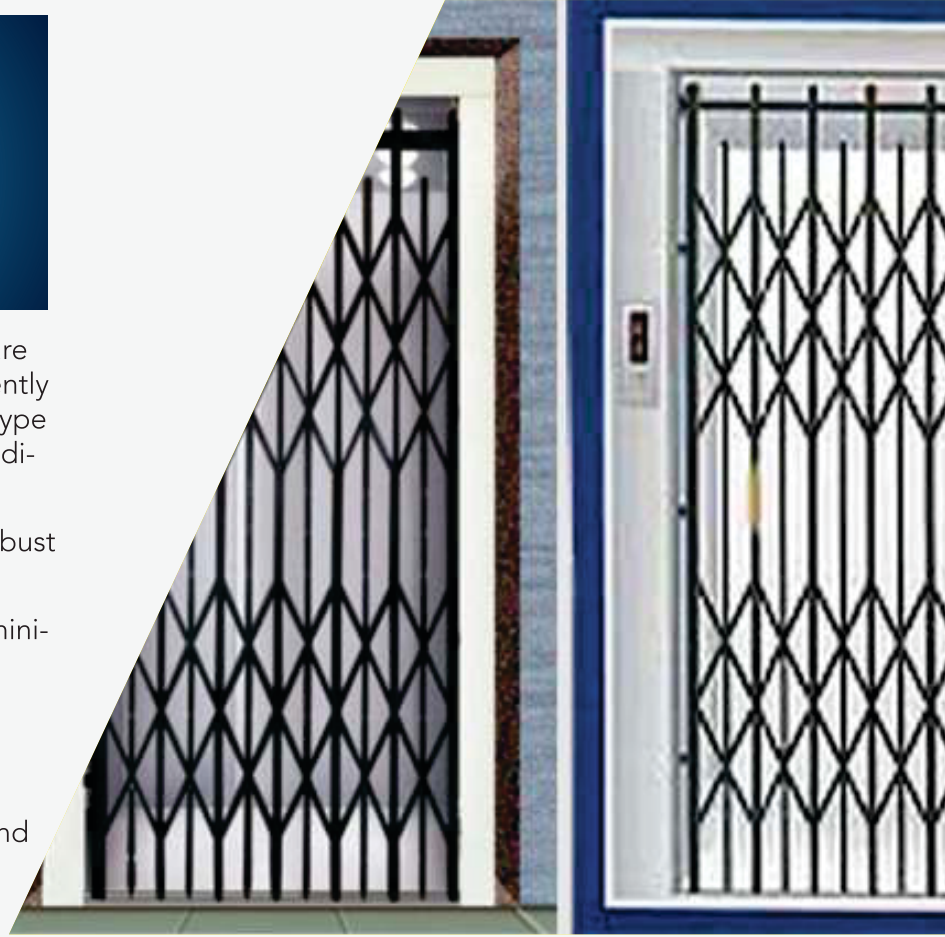
Load		Car Inside			Lift Well				Entrance
Person	Kgs	A	B	G	C	D	F	H	E
10	680	1250	1300	250	2200	1450	1480	580	800
13	884	1400	1400	300	2400	1550	1630	650	900
16	1088	1550	1500	350	2800	1780	1650	790	1000

PASSENGER ELEVATOR

(Manual Door Elevator)

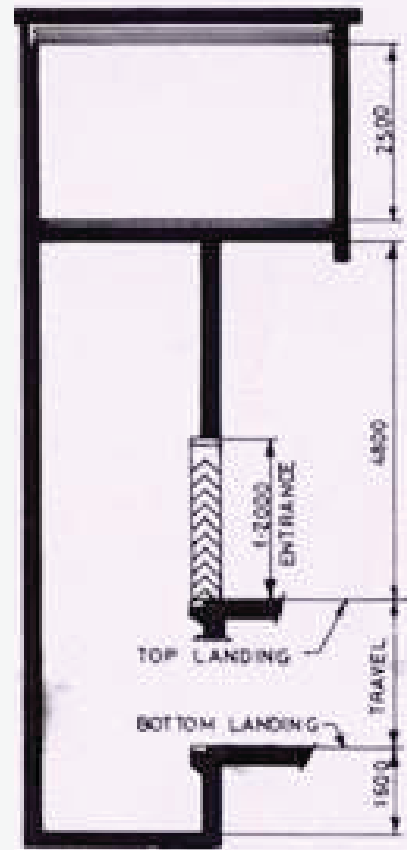
Capacity 04-20 Passengers

- The passenger elevators detailed here are designed to handle promptly and efficiently the transportation requirements of any type of building which means any traffic condition.
- They are renowned for fine quality and robust performance.
- Delivers maximum lifting power with a minimum of effort.
- A superior combination of flexibility and performance.
- It gives benefits of jerk less travelling, economically low power consumption and excellent design.
- Features: 100% safety, easy to use and maintain.



HOISTWAY MACHINE ROOM PLAN FOR MANUAL DOOR

HOISTWAY ELEVATION DRAWING



HOIST WAY MACHINE ROOM SIZE PASSENGER LIFT WITH MANUALLY OPERATED DOORS

Load		Lift Well		Car Inside		Entrance	Machine Room		
Person	Weight	Width	Depth	Width	Depth		Width	Depth	Height
	Kgs	A	B	C	D	E	F	G	H
4	272	1600	1250	1100	700	700	3000	3000	2500
5	340	1600	1300	1100	850	750	3000	3200	2500
6	408	1670	1370	1100	1000	750	3000	3000	2500
8	544	1800	1600	1300	1100	750	3200	3200	2500
10	680	1850	1800	1350	1300	1000	3500	3500	2500
13	884	2500	1600	2000	1100	1000	4000	4000	2500
16	1088	2500	1800	2000	1300	1000	4500	4800	2500
20	1360	2500	2050	2000	1550	1000	5000	5000	2500

All dimensions are in mm.

This is general data, it may be changed without notice. For more details, contact us.

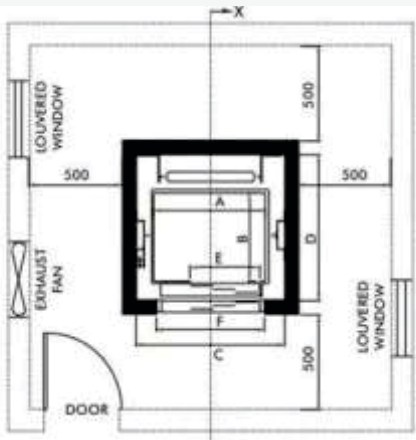
All hoist ways walls should be minimum 230mm brick or 150 mm R.C.C.

PASSENGER ELEVATOR

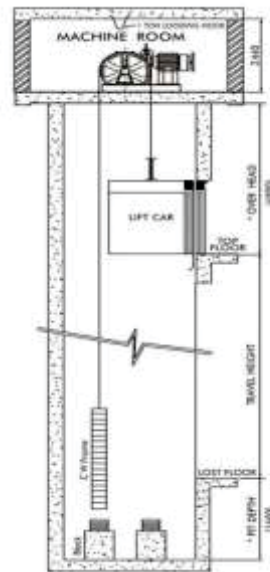
(Auto Door Elevator)

Capacity 06-20 Passengers

- Nekson Elevators has been engineered with full automatic doors.
- Fabricated with most advanced life controls, appreciated for their high speed, smooth travel and perfect leveling different types of doors Centre Opening, Telescopic Opening.
- In high density requirements, we can provide grouping of multiple elevators to reduce the waiting time of the passengers.
- Our proficiency allows us to design and develop passenger Elevators of various sizes and capabilities.
- It gives benefits of jerk less travelling, economically low power consumption and excellent design.



← HOISTWAY MACHINE ROOM PLAN FOR AUTO-DOOR HOISTWAY ELEVATION DRAWING →



HOIST WAY MACHINE ROOM SIZE

PASSENGER LIFT WITH AUTO DOORS

Load		Lift Well		Car Inside		Entrance	Machine Room			Upto 1.5M/Sec		Upto 2.5M/Sec	
Person	Weight	Width	Depth	Width	Depth		Width	Depth	Height	PIT	O.H	PIT	O.H
	Kgs	A	B	C	D	E	F	G	H	K	M	K	M
6	408	1900	1650	1100	1000	800	3000	3500	2500	1600	4800	2600	6700
8	544	1900	1900	1300	1100	800	3200	3500	2500	1600	4800	2600	6700
10	680	1900	2000	1350	1300	800	3500	4000	2500	1600	4800	2600	6700
13	884	2500	1900	2000	1100	1000	4000	4200	2500	1600	4800	2600	6700
16	1088	2500	2000	2000	1300	1000	4500	4800	2500	1600	4800	2600	6700
20	1360	2500	2300	2000	1550	1000	5000	5000	2500	1600	4800	2600	6700

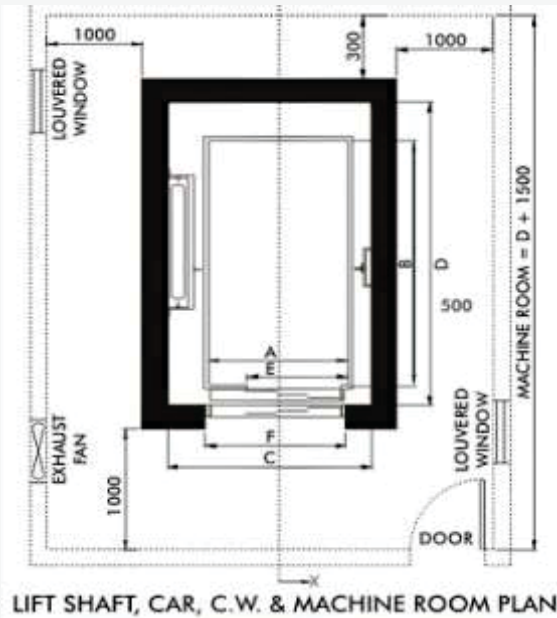
All dimensions are in mm.
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All hoist ways walls should be minimum 230mm brick or 150 mm R.C.C.

HOSPITAL ELEVATOR

Capacity 15--26 Passengers

Hospital elevators provide easy transportation of patients and bulky medical equipment such as gurney, stretchers and wheel chairs. These lifts feature sophisticated looks and operated smoothly.

Hospital elevators are available in a wide variety, capable of carrying between 15 to 26 passengers at a time. These elevators usually feature centre-opening, telescopic power-operated doors and easy to use for people.



Automatic Centre Opening Door Lifts

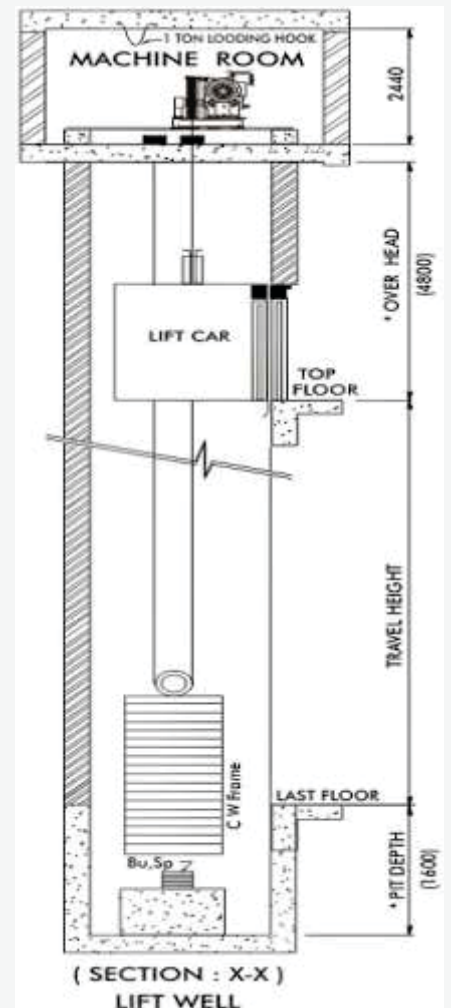
Person	Capacity	Shaft-W	Shaft - D	Car - W	Car - D	Entrance
	Kg	A	B	C	D	E
15	1020	1900	3000	1000	2400	800
20	1360	2300	3000	1300	2400	900
26	1768	2600	3000	1600	2400	1000

Collapsible door can be provided if required.

Automatic Telescopic Door Lifts

Person	Capacity	Shaft-W	Shaft - D	Car - W	Car - D	Entrance
	Kg	A	B	C	D	E
15	1020	1700	3000	1000	2400	800
20	1360	1950	3000	1300	2400	900
26	1768	2100	3000	1600	2400	1000

All dimension in mm.
This is general data, it may be changed without notice. For more details, contact us.
All hoist ways walls should be minimum 230mm brick or 150 mm RC.



A full range of people and good flow solutions for demanding medical facilities.

GOODS ELEVATOR

Capacity 500 - 5000 KG LOAD

A freight elevator is used to carry goods only, though some do both to allow operators and those loading goods along for the ride.

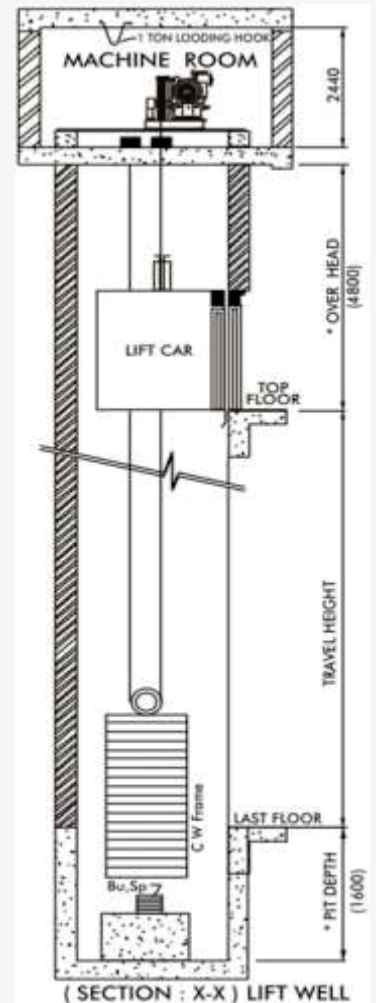
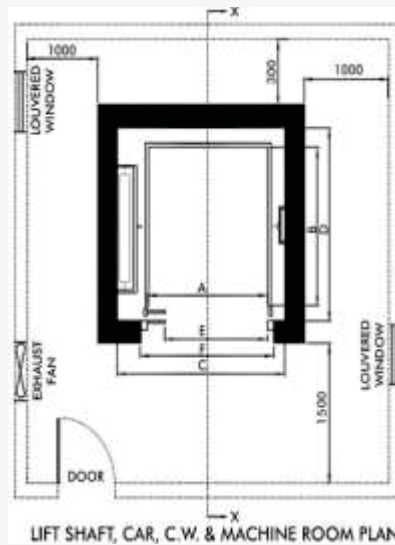
Freight elevators are typically larger and capable of carrying heavier loads than a passenger elevator, generally from 2300 to 4500 kg. Freight elevators have manually operated doors and often boast rugged interior finishes to prevent damage while loading and unloading. Although hydraulic freight elevators exist, electric elevators are more energy-efficient for the work of freight lifting.

Features:

- The Firm & Durable Cabin -**
 High strength plate bending and forming technology ensures the durability of the car. In addition, the company specially designs crash barrier to implement multi-protection the car.
- Highly Accurate Leveling -**
 The accuracy of leveling can be controlled within a millimeter-sized range.
- Large Door Width -**
 Employing multi-panel cabin doors to reach the maximum width of doors, making it easy for handling large freights.



*To Move
Freights
With Safe
Conditions.*



Capacity	Shaft-W	Shaft - D	Car - W	Car - D	Entrance	Load KG	Speed MPS	PIT Depth	Over Head
Kg	C	D	A	B	E				
500	1900	1900	1100	1200	900	500	0.25		
1000	2300	2100	1400	1800	1150	-	-	1600	4800
1500	2600	2300	1700	2000	1400	3000	1.0		
2000	2600	2800	1700	2500	1400	4000			
3000	2900	3300	2000	3000	1700	-	0.25	2200	7400
4000	3400	3400	2500	3000	1900				
5000	3500	4300	2500	3000	1900	5000			

All dimension in mm.
This dimension are based on vertical bi-parting doors, it may varied for collapsible or automatic door operation.

MRL ELEVATOR

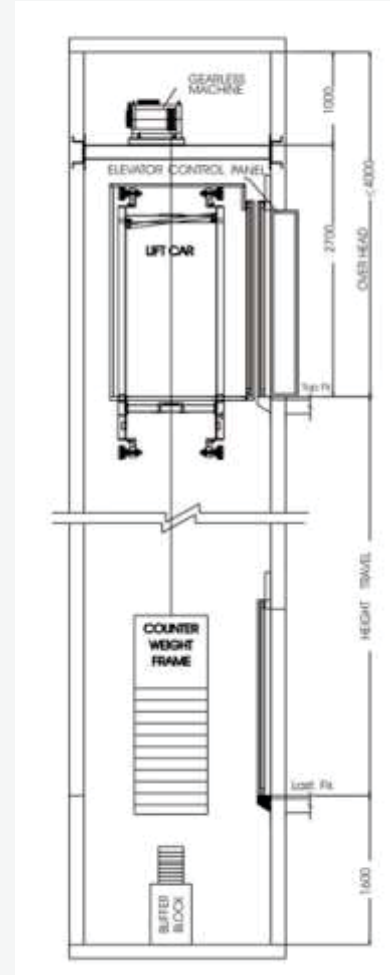
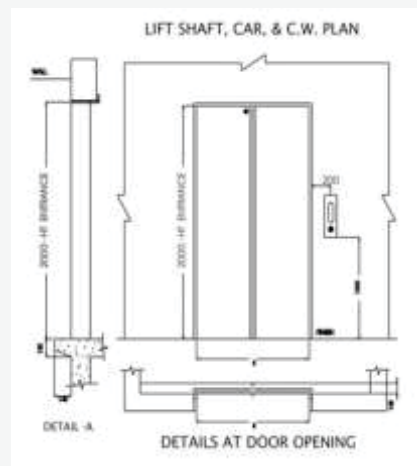
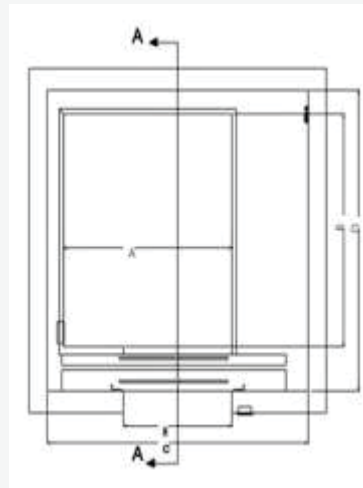
Capacity 03-20 Passengers

Machine Room-Less (MRL) lifts are traction elevators that feature a compact monitor drive mounted on the car itself. They don't require to build a separate elevator machine room.

MRL lifts allow you architectural flexibility, but they also provide fast, powerful and energy-efficient transportation. Though traction lifts were originally limited to high-rises, the innovative MRL design has allowed engineers to adapt traction elevators for low-rise buildings and multi-storey apartments.

Advantages Of MRL Elevators:

- Permanent Magnet Gearless Machine for smooth and quiet motion.
- 1m/s to 1.6m/s speed range (180 starts per hour).
- 10-16 passengers load range (680-1088kg).
- Smooth ride, due to the first class roller shoe suspension.
- Versatile landing and car door configurations.
- Earthquake-friendly jiggled guiding.
- Small control cabinet on the upper level.
- Totally integrated system for greater reliability.
- Time and money-saving benefits: long lifespan, low operating cost, easy installation and service.
- Cost-efficient elevator application, No machine room.



*Less Space Energy &
More Flexibility*



Go Green Gearless

HOME ELEVATOR

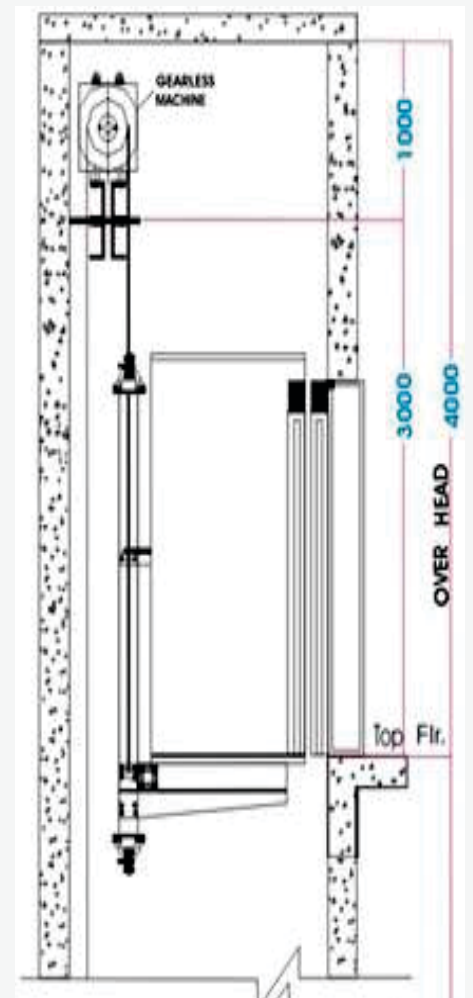
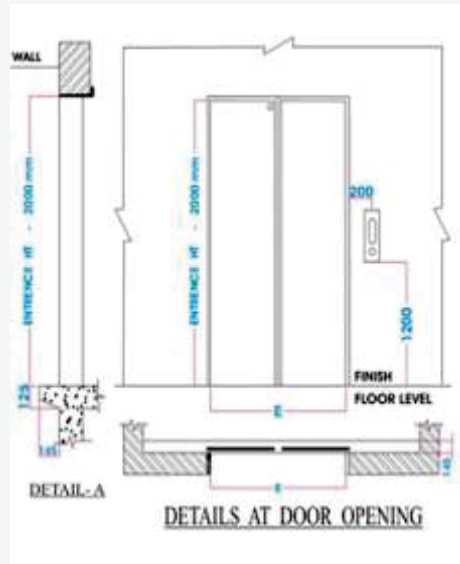
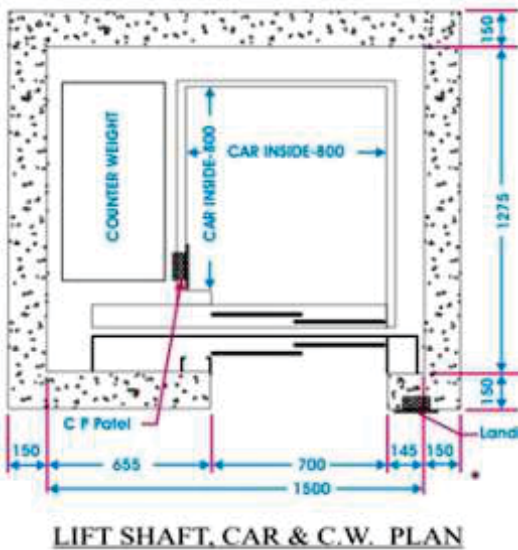
Capacity 03-06 Passengers

Home elevators not only increase the value of your home, but can also provide you stunning showpiece. At the same time, home lifts can allow the disabled and elderly to easily move about a multi-level dwelling.

The term 'home elevator' commonly refers to a lift enclosed in a shaft, and which can travel vertically as much as 15m. (50 ft). Home elevators make it easier to carry groceries, laundry or anything else from one floor to another. And today, they are fully customizable - choose from a wide range of materials, such as marble walls or stained glass, to turn your home elevator into an expression of your own unique style.



*Feel the special style,
Enjoy the beautiful life.*



SPECIFICATIONS

RPM	120	Pulley Dia.	100 mm
Frequency	12 Hz.	Rope Dia.	4 mm
Voltage	230 VAC	No. Of Ropes	4
kW/Hp	0.75/1	Lifting Capacity	300 kg
Weight	70 kg	Lift Speed	0.32 m/s
Brake	Pick-up : 220 VDC	Max. Travel	15 Mts.
Voltage	Holding: 110 VDC	Starts/Day	100



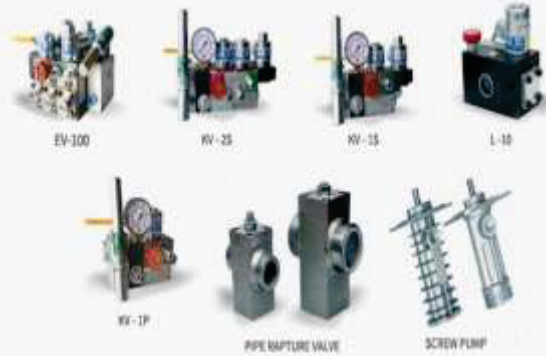
MRL Homme Lift Gearless Machine
Capacity 03 to 06 Passengers.

HYDRAULIC ELEVATOR

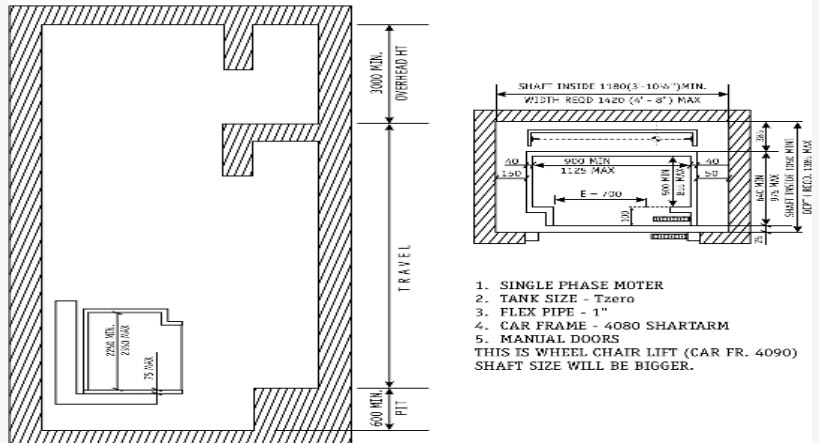
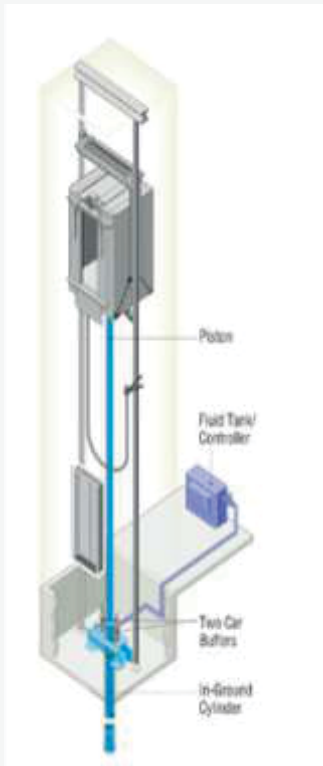
Capacity 03-20 Passengers

Hydraulic Passenger/ Goods Elevators Manual/ Auto door 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.

Safe & Reliable, The Meticulous Design Ideas.



Components



Hoist Way Machine Room Sizes

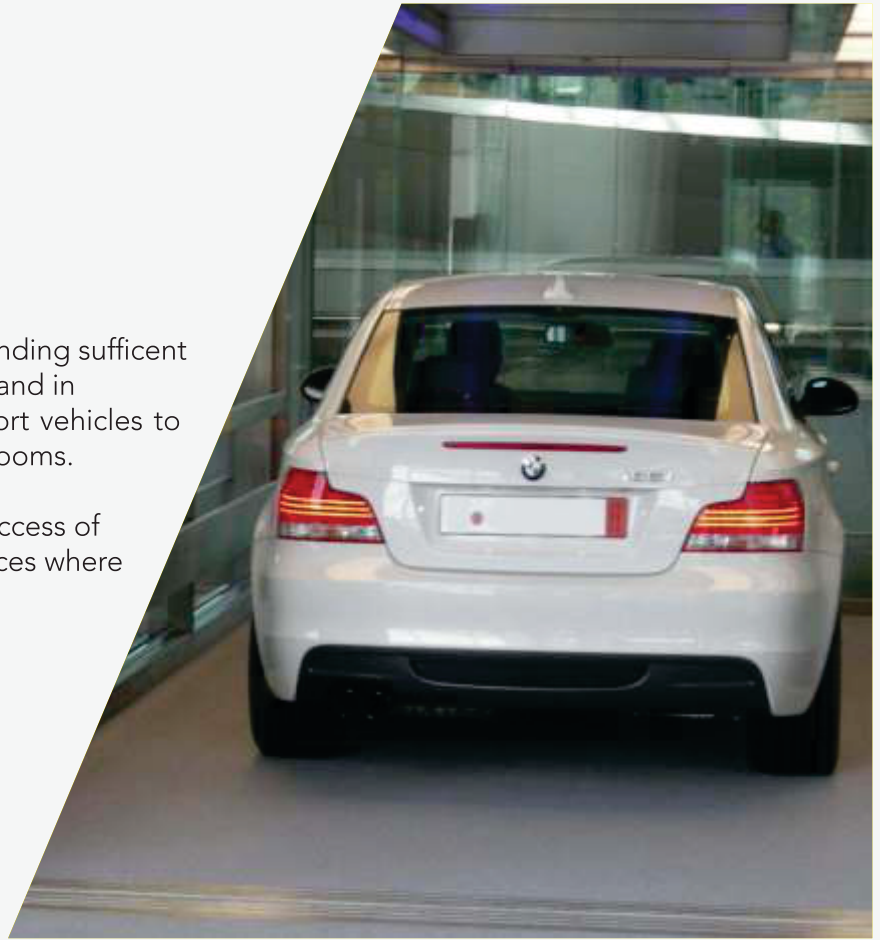
Persons	Capacity	Car - W	Car - D	Shaft-W	Shaft - D
	Kg	A	B	C	D
3	225	800	900	1300	1300
4	300	850	1050	1350	1450
5	375	1000	1100	1500	1500
6	450	1100	1150	1600	1550
8	600	1100	1400	1600	1800
10	750	1200	1550	1700	1950
12	900	1300	1650	1800	2050
15	1125	1300	2000	1800	2400
20	1600	1400	2400	1900	2800

CAR ELEVATOR

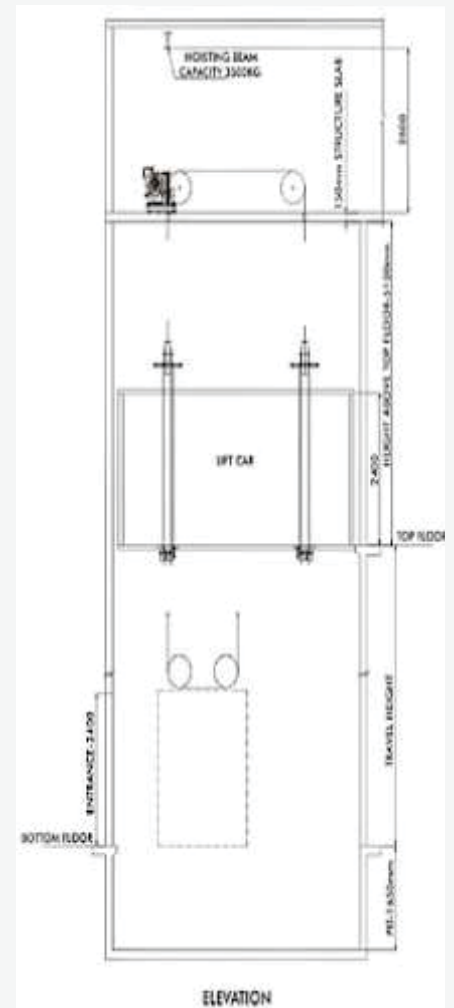
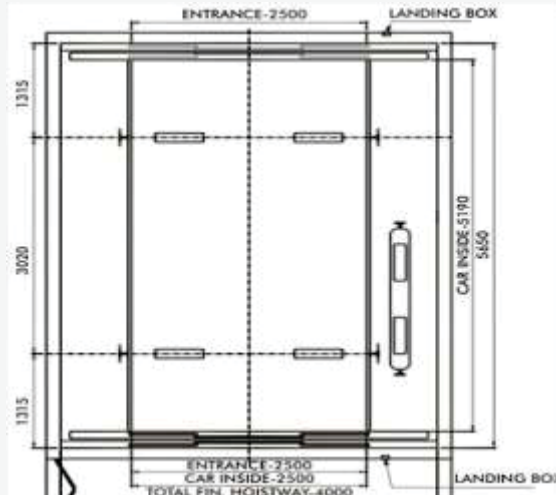
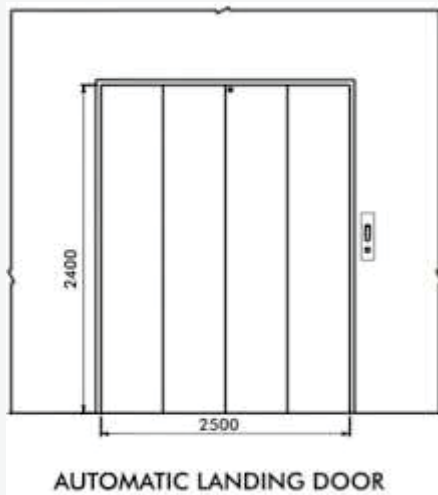
Capacity 500 to 5000 kg Load

Car Elevators help to alleviate the problems of finding sufficient parking space in busy areas, and save on costly land in commercial spaces. These lifts smoothly transport vehicles to the top of buildings, or to basements and showrooms.

They are carefully engineered for independent access of vehicles in private homes or multi-family residences where space is valuable.



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 per persons (Solution available for higher capacities)
Max. speed (m/s)	0.5 mps (Solutions available for other speeds.)
Max. group size	Simplex



DOOR OPTIONS



01 SS AUTO DOOR



02 SS TELESCOPIC DOOR



03 GLASS DOOR



04 FULL GLASS DOOR



05 SMALL VISION
AUTO DOOR



06 MANUAL TELESCOPIC
DOOR



07 SWING DOOR



08 COLLAPSIBLE DOOR



09 IFG DOOR

CABIN OPTIONS



S.S CABIN



S.S GOLDEN CABIN



HOSPITAL LIFT CABIN



MS PAINTED CABIN



CAPSULE CABIN

Nekson Elevator Cabins are attractive give an upscale to the building decor and your commitment to your valued customer comforts.

COP & LOP

Car Operating & Land
Operating Penal

*People in Motion
Technology to Delivery
Human Single For machine
to Move.*



TOUCH SCREEN WITH LCD
SURFACE MONTED DESIGN
WITH PLEXIGLASS AND ZINC
ALLOY OUT FRAME.

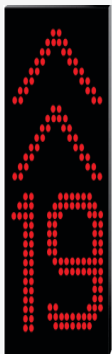


COP & LOP

DISPLAY



LCD
DISPLAY



DOT
MATRIX
SQUARE
DISPLAY



DOT
MATRIX
ROUND
DISPLAY



SEVEN
SEG-
MENT
DISPLAY

NT-
COP-
LOP-
01



NT-
COP-
LOP-
03



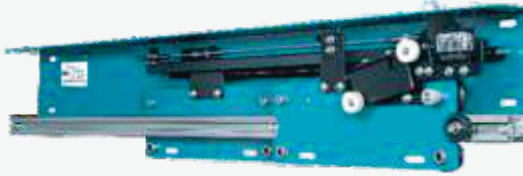
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COP-
LOP-
02



NT-
COP-
LOP-
04



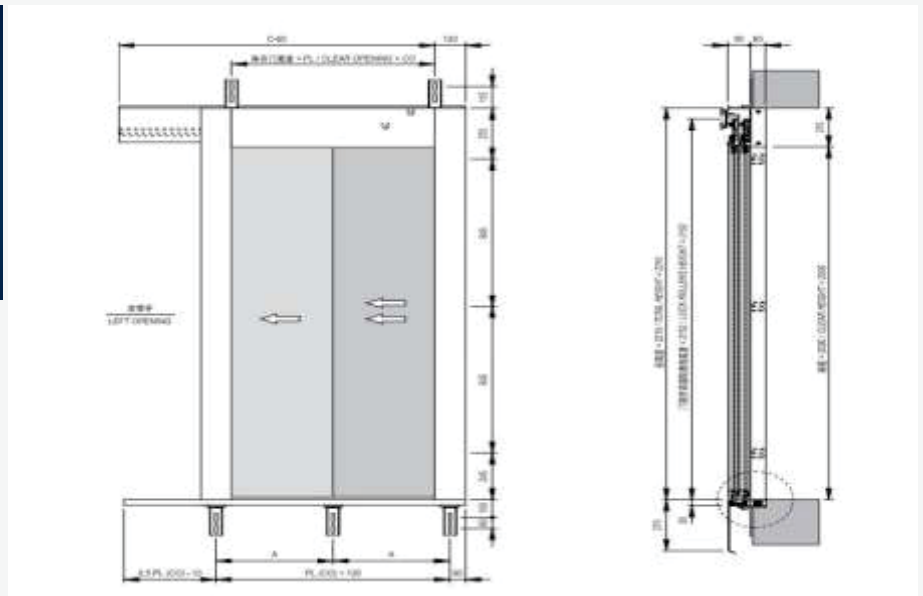
PANEL SIDE OPENING DOOR



2 Panel Side Opening Landing Door Mechanism



2 Panel Side Opening Car Door Mechanism

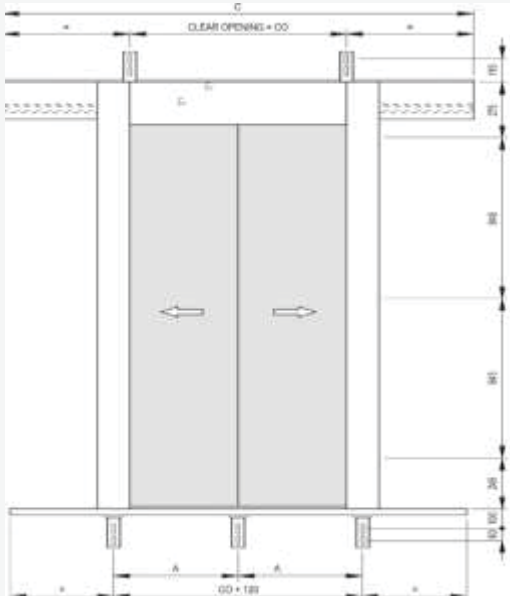


CO	600	650	700	750	800	850	900	1000	1100	1200	1300	1400
A	100	1075	1150	125	1300	1375	1450	1600	1750	1900	2050	2200
C	360	385	410	435	460	485	360	373	407	330	355	380
S	3	3	3	3	3	3	4	4	5	5	5	5
T	5	5	5	5	5	5	6	6	8	8	8	8

S: Number of Supported for Life Support.

T: Total Number Of Support.

PANEL CENTRE PARTING DOOR



2 Panel Centre Opening Car Door Mechanism



2 Panel Centre Opening Landing Door Mechanism

600	650	700	750	800	850	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2100
1300	1400	1500	1600	1700	1800	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700	3900	4100
360	385	410	435	460	485	340	373	407	330	355	380	324	344	303	320	337	303
3	3	3	3	3	3	4	4	4	5	5	5	6	6	7	7	7	8
5	5	5	5	5	5	6	6	6	8	8	8	9	9	10	11	11	12



NEKSONTM
— ELEVATORS PVT. LTD. —

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