

“VAAHAAN” CAR LIFT

Used for multistoried movement of cars & two wheelers by automobile show rooms, multi-level parking facilities, rooftop parking, etc.

The main advantage offered by us is the ability to carry vehicles with the least amount of power. Also, we being leaders in this type of lifts, a wide range of lifts is on offer to suit every requirement and pocket. The basic design is a drumwound lift with an open checkered plate platform. Better efficiency is achieved by the use of a traction machine. The platform can be covered by very elegant sheet metal panels painted to your shade of choice. If people too are required to travel in the lift, special devices are used to make the lifts safer and smooth. Even the gates can be made automatic if so desired.

These lifts can also be installed in self supporting steel structures even outside a building. Special lifts can be designed for off-loading vehicles from multi level delivery trucks.

NOTES

Machine Room Height 'M' - 2430 Overhead (0.35m/s speed) 'O' - 3950

Pit Depth 'P' - 1650 Overhead (> 0.35 m/s speed) 'O' - 4600

Any number of floors can be served. The Side elevation shows only the Top Floor & Bottom Floor for the respective height requirements.

All Door heights will be as per the table below. Door Lintel Bottom should be at plus 150mm above the clear height mentioned in the table.

Two side open door is possible at ground floor at the same or different level.

Plan for Manual Swing doors / Telescopic doors is different.

All Sizes are inside finished dimensions in mm.

All Hoistway walls are 230 mm thick Brick or 150 mm RCC walls.

CLIENT'S SCOPE

Entire Civil Structure for the lift shaft including plaster & painting of lift shaft inside.

Three Phase Electric Supply.

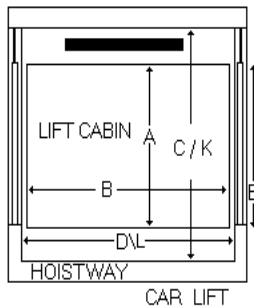
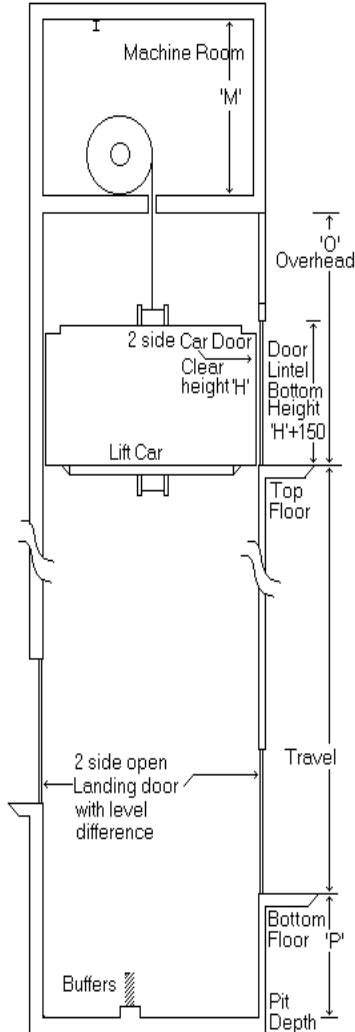
Scaffolding during Lift erection.

Provision of 4 Nos. u-channels (ISMC 300) of length 'C' + 450mm to be placed above bed plates 12mm thick of size 200mm x 1500mm.

Provision of sill support, machine support, Lifting beam / hook, pit ladder, etc.

Grouting of our holdfasts, Push button Boxes, Door frame members, etc.

Machine room will be so constructed that the lift machine is approachable from three sides for maintenance



CAR LIFT

Size Table for Dimensions 'A' to 'H'

2 x 2 OPTIONS →		Manual M.S. Collapsible channel Gates			Man. / Auto Solid Doors		Common to all 4 Options
Type and No. of Vehicles	Load	Cabin Inside	L i f t S h a f t				Entrance
		'A' x 'B'	Open Platform Only for Cars	Closed Cabin, with options for Cars only or Cars with Passengers			
	Kgs.		Width x Length	Two side open 'C' x 'D'	One side open 'C' x 'D'	Two side open 'C' x 'D'	'C' x 'D'
2 Two wheelers	500	1200 x 2400	1700 x 2550	1850 x 2700	1850 x 2550	1850 x 3000	1000 x 2000
4 Two wheelers	1000	1800 x 2400	2300 x 2550	2450 x 2700	2450 x 2550	2560 x 3000	1600 x 2000
Small cars	1500	2300 x 4400	2900 x 4550	2900 x 4700	2900 x 4550	3250 x 5000	2100 x 2000
Mid Sized cars	2000	2400 x 5100	3000 x 5250	3100 x 5400	3100 x 5250	3350 x 5700	2200 x 2200
Luxury Cars	3000	2700 x 5500	3300 x 5650	3400 x 5800	3400 x 5650	3550 x 6100	2400 x 2200
S. U. V.	4000	3000 x 6250	3700 x 6400	3700 x 6600	3700 x 6400	3700 x 6850	2700 x 2200
L. C. V. / Bus	10000	3500 x 7300	4200 x 7450	4250 x 7700	4250 x 7450	4450 x 7900	3000 x 2400
Special Purpose	Custom built sizes for heavy vehicles						

Multistoried Car Parking Lifts – Drum / Open Platform

Sr.	FEATURES	1500 Kgs.	3000 Kgs.
1	CARS THAT CAN BE CARRIED IN THE LIFT	Maruti upto Baleno, Hyundai upto Accent, Fiat upto Sienna, Opal upto Astra club, HM upto Lancer, Daewoo upto Nexia, Honda upto City, Ford upto Escort, Tata upto Indigo, Skoda upto Octavia	HM upto Pajero, Tata upto Safari, MM upto Scorpio, Toyota upto Qualis, Hyundai upto Sonata, Honda upto Accord, Mercedes,
2	Lift Size	7' x 15'	8' x 17'
3	Shaft Size for 1 side open lift	9' x 16'	10' x 18'
4	Shaft Size for 2 side open lift	9' x 15'6"	10' x 17'6"
5	Motor	7.5 H.P.	10 H.P.
6	Power Reqd.	5.5 Kw.	7.4 Kw.

Various cost options for one lift

2 manual gates on 2 floors (G + 1), Cabin – Checkered plate flooring, Open entrance (no gates), Gates – M.S. Collapsible manual with auto locking and gate open alarm for Landing, Push buttons with digital display near each gate outside the cabin, M.S. Painted panels for closed cabin lifts with installation and maintenance for one year. Lift related civil works for shaft or structure for lift shaft will be extra,

1	Open platform Drum wound M/c	Car Only	2,70,000/-	3,70,000/-
2	Closed Cabin Drum wound M/c	Car Only	3,10,000/-	4,20,000/-
3	Open platform Traction M/c	Car Only	3,70,000/-	4,40,000/-
4	Closed Cabin Traction M/c	Car & people	4,55,000/-	5,40,000/-
5	Closed Cabin ACVF Traction	Car & people	5,20,000/-	6,20,000/-
6	Cost – extra floor in Drum Lift		25,000/-	25,000/-
7	Cost – extra floor in Traction Lift		35,000/-	35,000/-
8	Cost for 2 nd gate on the same floor		10,000/-	10,000/-

Multistoried Car Parking Lifts – Drum / Open Platform

Sr.	FEATURES	4000 Kgs.	5000 Kgs.
1	Lift Size	9' x 20'	9' x 20'
2	Shaft Size for 1 side open lift	11' x 21'	11' x 21'
3	Shaft Size for 2 side open lift	11' x 20'6"	11' x 20'6"
4	Motor	15 H.P.	20 H.P.
5	Power Reqd.	11.1 kw.	14.8 kw.

Various cost options for one lift

2 manual gates on 2 floors (G + 1), Cabin – Checkered plate flooring, Open entrance (no gates), Gates – M.S. Collapsible manual with auto locking and gate open alarm for Landing, Push buttons with digital display near each gate outside the cabin, M.S. Painted panels for closed cabin lifts with installation and maintenance for one year. Lift related civil works for shaft or structure for lift shaft will be extra,

1	Open platform Drum wound M/c	Car Only	4,30,000/-	4,90,000/-
2	Closed Cabin Drum wound M/c	Car Only	4,90,000/-	5,60,000/-
3	Open platform Traction M/c	Car Only	5,30,000/-	5,90,000/-
4	Closed Cabin Traction M/c	Car & people	5,90,000/-	6,60,000/-
5	Closed Cabin ACVF Traction	Car & people	6,80,000/-	7,80,000/-
6	Cost – extra floor in Drum Lift		30,000/-	35,000/-
7	Cost – extra floor in Traction Lift		40,000/-	45,000/-
8	Cost for 2 nd gate on the same floor		14,000/-	14,000/-