

When Safety  
Meets Quality.



Traction MR Elevator  
MRL Gearless Elevator  
Home Elevator  
Stretcher Elevator  
Goods Elevator  
Panoramic Elevator  
Parking Elevator

All Type Elevator Erection to Maintenance




**B. Das**  
Engineering & Electric Co.

**Since  
1948**



**Outstanding Quality  
Safe and Reliable**

## Overview

THEOS  Greek means GOD. The company was started with an aim to become a perfectionist in Manufacturing Field, installation field, and service maintenance field. The company was started in the year 1948 with the basic aim of providing the support to customers in engineering and electrical fields in the name of B. DAS ENGINEERING & ELECTRIC CO.

We are in the service & maintenance industry since 1985 under the guidance of Mr. Ashok T. Gajjar.

After the initial installations, there was no looking back. The company flourished over the years with the best services, after sales services, sales support and maintenance in the market. After 25 years of experience and a hunger to grow more, the company decided to remodel its brand name to "THEOS"

Mr. Chintan Gajjar & Mr. Moulin Gajjar, the younger generation brought their valour and new dimensions through process into the company and hence provided the company a blend of their innovativeness. THEOS has found new ideas and innovations to increase the safety and comfort that their elevators provide to the customers.

Capacity : 10 to 16 Passenger



THEOS Panoramic Elevator is backed by the advanced control technology, applying fully digital vector variable frequency drive technology and matching with the noble and enchanted Indian decoration style. When the evening falls, in the background of the neon lights, up-and-down panoramic elevator becomes a flowing scenery in the urban city. At the same time, it wonderfully deduces the design concepts of 'safety, smooth, attraction, harmony'. This serial goods can be extensively used in shopping centers, high-grade office buildings and other important public constructions.

## Capsule Elevator

Panoramic Elevator



Round Glass Cabin



Round Glass Cabin



Three Side Glass Cabin



Glass Cabin



Capacity : 6 to 20 Passenger

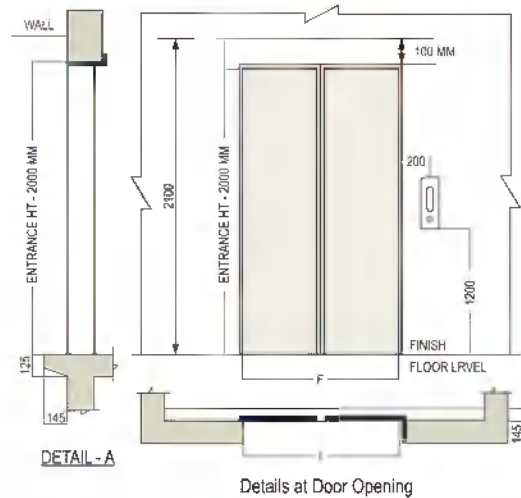


THEOS Passenger Elevator has flexible and diverse car designs which can integrate with multiple buildings. It can especially satisfy the continuously increasing requirements from medium and high rise constructions. It is a most ideal choice for the hotel, restaurant, office building, commercial and residential building, recreation center, shopping center etc.

High quality warranty of THEOS Elevator : An excellent elevator system brings about a vigorous construction, which makes you enjoy distinctive luxury and aristocracy here-from.

## Passenger Elevator

Manual & Autodoor



The design which brings convenience to extensive passengers

- THEOS Passenger Elevator adopt all the measures which aim at providing the passengers with the more secure and the more comfortable riding.
- Eye-catching display and door-open buttons.
- Highly sensitive buttons.
- Voice announcement (optional).
- Humane handrail (optional).



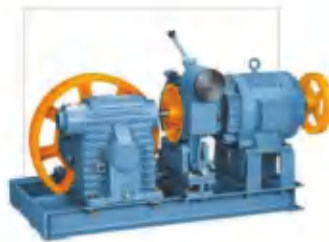
High Speed Traction M/c.



Elevator Traction Machine

Capacity : 15 to 26 Passenger

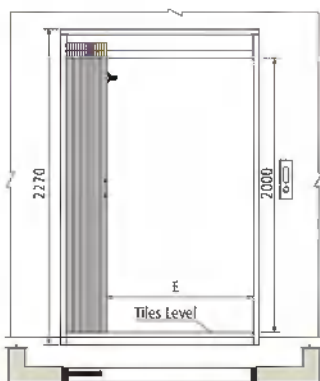
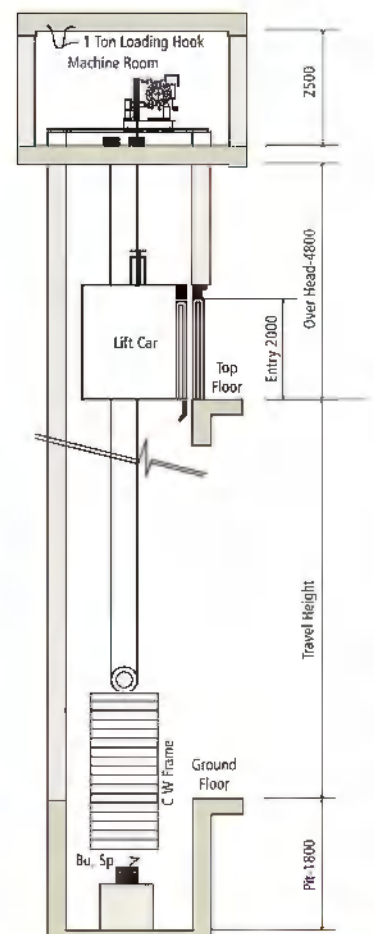
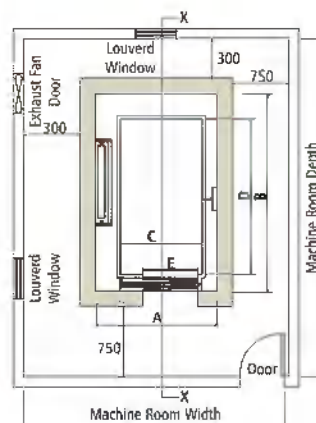
## Hospital Elevator



THEOS Hospital Elevator is not only used transport passengers and has a special and strict requirements to function and performance because of its special use.

THEOS Hospital Elevator can accurately control its running speed with smooth and comfortable operation.

THEOS Hospital Elevator stresses on humane design. It provides the passengers with a quite and elegant space.



Collapsible Door Landing

### 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

### 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

(Section : X-X) Lift Well

# Goods Cum Car Elevator

Capacity : 500 to 5000 kg load

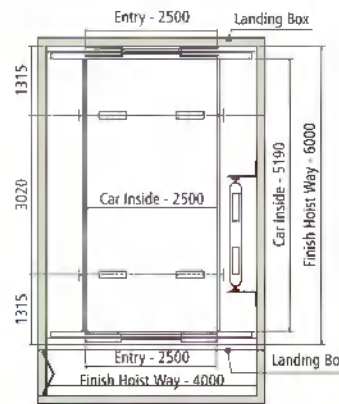


THEOS Freight Elevator, fully utilizing the advanced and full-computerized control technology, adopts the mature AC speed governor VP control system and VVVF control system. It is simple in structure and convenient in repair and maintenance.

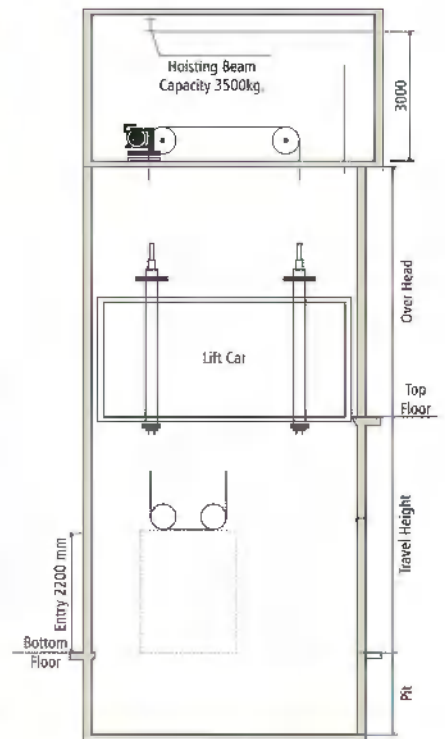
Also it fulfils a qualitative leap in the aspects of the signal transmission and running control, which brings about more stable and reliable, lower noise, smoother running and more accurate leveling compared with traditional freight elevator. It makes the goods much easier for entry and exit. In addition, THEOS Freight Elevator can offer the micro-processor with high-speed operating abilities and expansion interface to ensure to satisfy the special requirements from users.



Heavy Duty Traction Machine



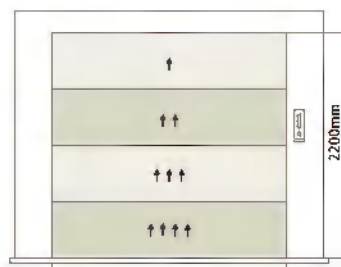
Hoistway Plan



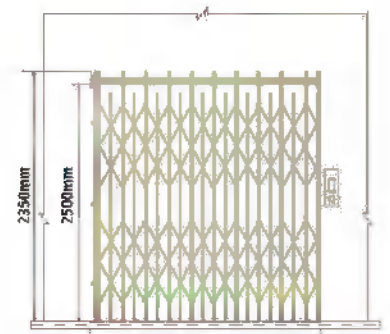
Elevation



Centre Opening Automatic Landing Door



Vertical Opening Automatic Landing Door



Collapsible Landing Door

Capacity : 500 to 4500 kg load



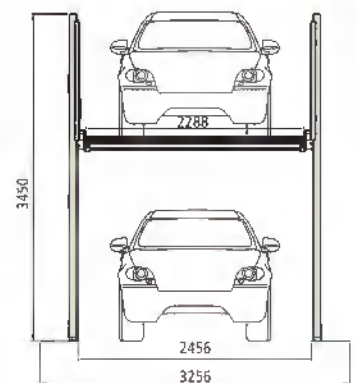
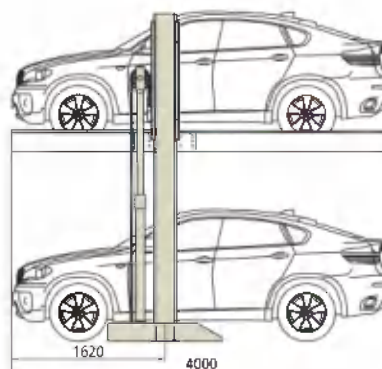
THEOS Car Parking Elevator adopts mature car lifting technology and is developed and produced according to the special characteristics of the car products. THEOS'S strong technical capacity completely solves the technical obstacle of the noise and car shaking caused by the much heavier load of the traction machine system due to the car's uneven force bearing. This optimizes the features of these serial goods.

THEOS automobile elevator features as concise equipments and simple operation. It can have a multiple use in the same berth space with small covering area. THEOS automobile elevator is applicable for various occasions. It has an elegant appearance with convenient and fast access. The large car area is more fit for parking various cars. The setting of traffic flow can carry on ordered guide to the automobile of passing in and out of the elevator.

## Hydraulic Car Parking Solution



### Two Post Car Parking



Requirements Height Sedan : 3800mm SUV : 4200mm Width : 2700mm

# MRL

## Machine Roomless Elevator



Capacity : 6 to 20 Passenger



THEOS machine roomless elevator is acquainted with environmental protection ideas. It saves energy, decreases the consumption, brings about less building area and raises the design freedom which throughly shows the green sense of humanism. Compared with the equal load rating geared lift, it saves over 45% of the electric energy.

THEOS machine roomless lift breaks through the premise of the machine room set forth by the traditional lifts. It supplies the infinite creation possibilities in the limited space of modern architectures.

## Home / Bungalows Elevator



Gearless Machine

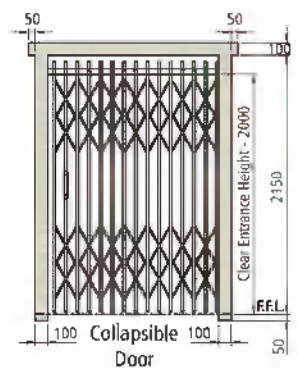
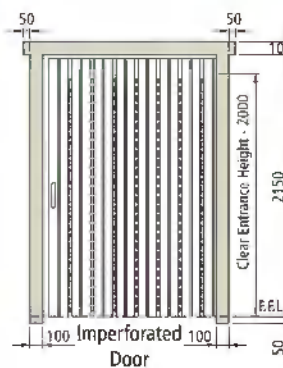
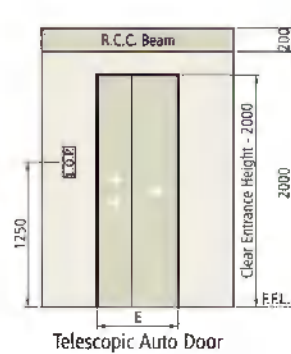
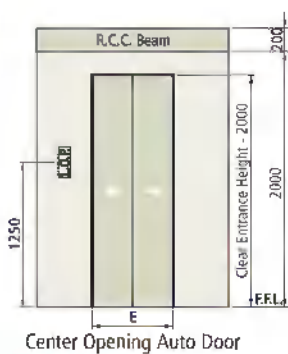
### Gearless Motor Unit



Mini Gearless Machine



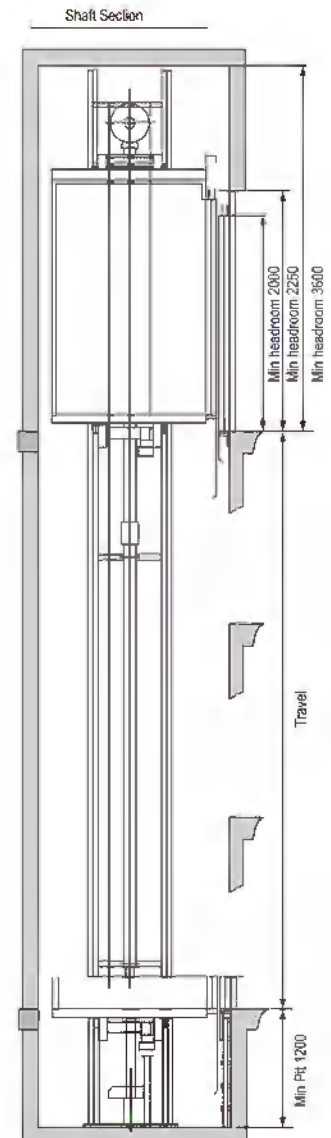
Gearless Machine





Capacity : 3 to 20 Passenger

## Hydraulic Elevator

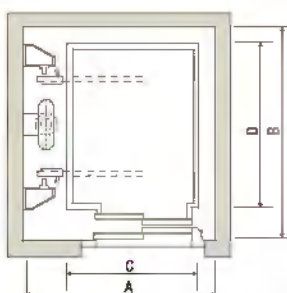


THEOS Home Lift adheres to the top-tech in the world's private lift field, inherits the classical international design concept and deduces a luxurious dream in your home art. It shows an overall supreme noble quality of your home. We create a clean and bright space which perfectly matches the harmony of your home to add more delights of the life fulfill your home lift dream!

THEOS Home Lift is specially developed and researched for medium-to-high grade villas and duplex apartments. It is applicable for the villas and duplex apartments without the lifts and satisfy your quality life requirements.

### Holeless Type 1

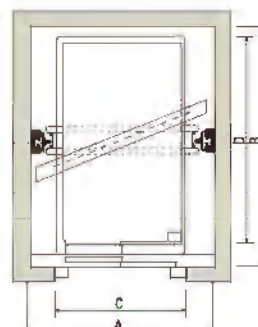
It is a single side direct suspension with a simple piston for regular loads and short travels of maximum 4 meters.



Person	Capacity	Shaft W	Shaft D	Car W	Car D
	Kg	(A)	(B)	(C)	(D)
3	225	1500	1500	800	900
4	300	1550	1550	850	1050
5	375	1700	1700	1000	1100
6	450	1800	1800	1100	1150
8	600	1800	1800	1100	1400
10	750	1900	1900	1200	1550
12	900	2000	2000	1300	1650
15	1125	2000	2000	1300	2000
20	1600	2100	2100	1400	2400

PIT : 1200 mm

O.H. : 3660 mm



### Holeless Type 2

It is a single side direct suspension with dual simple piston for heavy loads and short travels of maximum 4 meters.

Person	Capacity	Shaft W	Shaft D	Car W	Car D
	Kg	(A)	(B)	(C)	(D)
10	750	1900	1950	1200	1550
12	900	2000	2050	1300	1650
15	1125	2000	2400	1300	2000
18	1350	2050	2650	1350	2250
20	1500	2100	2800	1400	2400
26	2000	2300	3000	1600	2600
33	1700	2500	3250	1700	2800
40	3000	2700	3400	1900	3000

PIT : 1500 mm

O.H. : 3900 mm

## Cabins Designs



Elevator Ceiling



Designer Stainless Steel & Golden Finish Cabin



S.S. Decorative Cabin



M.S. Finish Cabin



M.S. Embossed Finish Cabin



Decorative M.S. Cabin

## Doors Designs



M.S. Swing Door



M.S. Swing Door



Collapsible White Door



Collapsible Black Door



Manual Telescopic Door



IFD Manual Door



S.S. Center Opening Door



Silver Finish Telescopic Door



Gold Finish Center Opening Door



Full Vision Glass Door

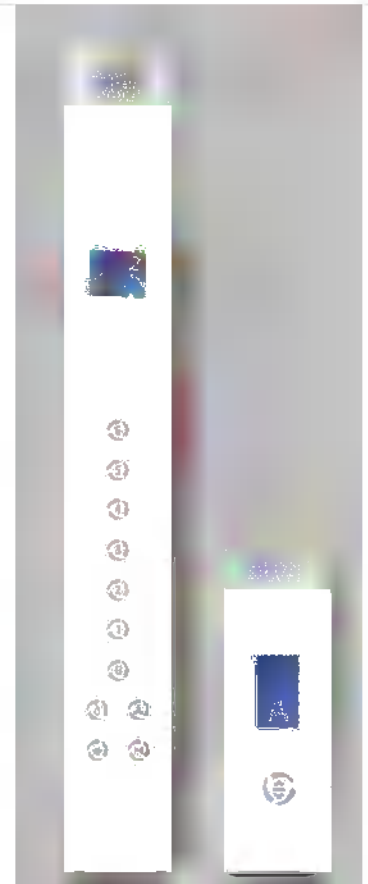
## COP & LOP



TE : 01  
COP



TE : 01  
LOP



TE : 02  
COP



TE : 02  
LOP



TE : 03 - COP



TE : 03 - LOP



TE : 04 - COP



TE : 04 - LOP



TE : 05 - COP



TE : 05 - LOP

## LCD Display



Mp3 Voice  
Announcement



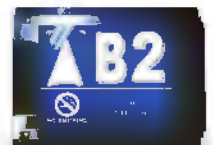
BVT 604.3



BVT 607.0



Vertical Display Effect



BVT 605

Microprocessor Control Panel



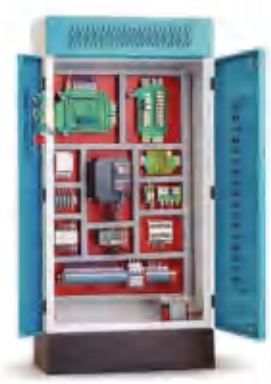
MRL Panel



VVVF, ARD  
Microprocessor Control Panel



ARD Panel



Microprocessor Controller

Elevator Accessory



Junction Box



Inspection Box



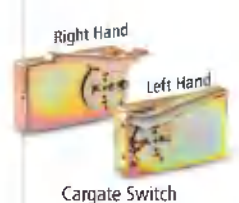
Over Speed Governor



Final  
Limit Switch



2-PANEL CENTRE OPENING  
Car Door Mechanism



Cargate Switch



B.B.L Gate Lock



Safety Switch



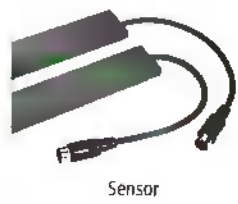
Read Switch Box



2-PANEL SIDE OPENING  
Car Door Mechanism



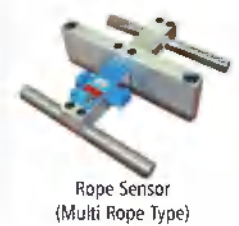
Gatelock S/W (Alu)



Sensor



Guide Rail



Rope Sensor  
(Multi Rope Type)



Blower Fan



Overload System



Thimble



Phone Intercom



Retiring Cam

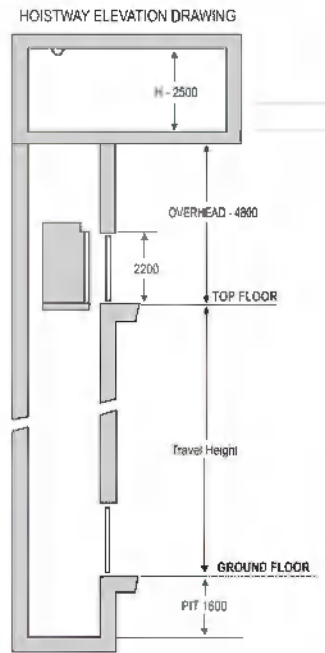
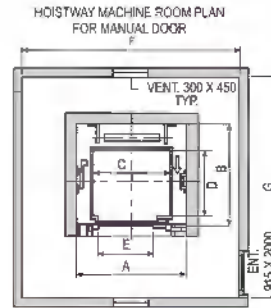
# Drawing & Dimension

## Passenger Elevator Manual Door

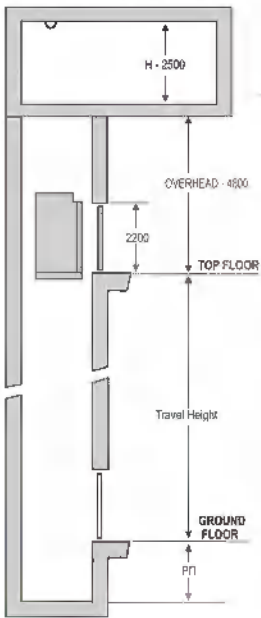
Hoist Way Machine Room Size Passenger Elevator With Manually Operated Doors

LOAD		LIFT WELL		CAR INSIDE		ENTRANCE	MACHINE ROOM		
PERSON	WEIGHT	WIDTH	DEPTH	WIDTH	DEPTH		WIDTH	DEPTH	HEIGHT
IN KG.		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	1600	750	3000	3500	2500
8	544	1800	1600	1300	1100	750	3200	3500	2500
10	680	1850	1800	1350	1300	1000	3500	4000	2500
13	884	2500	1600	2000	1100	1000	4000	4200	2500
16	1088	2500	1800	2000	1300	1000	4500	4800	2500
20	1360	2500	2050	2000	1550	1000	5000	5000	2500

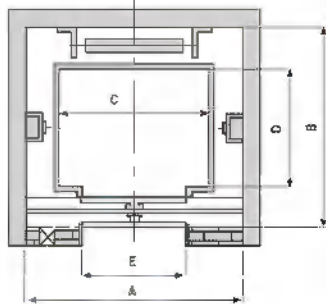
All Dimension are in mm. This is General Data, it may be changed without notice. All hoist way walls should be minimum 230 mm brick or 150 mm R. C. C.



HOISTWAY ELEVATION DRAWING



HOISTWAY MACHINE ROOM PLAN FOR AUTO DOOR



## Passenger Elevator - Auto Doors

Hoist Way Machine Room Size Passenger Elevator With Auto Doors

LOAD		LIFT WELL		CAR INSIDE		ENT RANCE	MACHINE ROOM			UP TO 1.5 M/Sec.		UP TO 2.5 M/Sec.	
PERSON	WEIGHT	WIDTH	DEPTH	WIDTH	DEPTH		WIDTH	DEPTH	HEIGHT	PIT	O.H.	PIT	O.H.
IN KG.		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	860	3500	4600	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 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.

## MRL Elevator

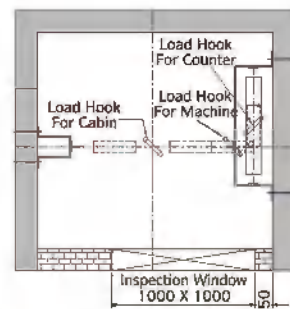
Dimensional Details : MRL Passenger Elevator

Capacity		Lift Speed	Lift Well		Cabin Inside		Entry	
Person	Kgs.	Mtr./Sec.	A	B	C	D	E	
5	340	0.50/1.0	1650	1500	920	1080	700	
6	408	0.50/1.0	1850	1650	920	1230	700	
5	340	0.50/1.0	1800	1500	970	980	800	
6	408	0.50/1.0	1800	1500	1120	1030	800	
8	544	0.50/1.0	1800	1700	1120	1280	800	
10	680	0.50/1.0	2100	1800	1320	1330	800	
13	884	0.50/1.0	2100	2100	1370	1630	800	
16	1088	0.50/1.0	2350	2300	1520	1830	900	
20	1360	0.50/1.0	2450	2400	1620	1930	1000	

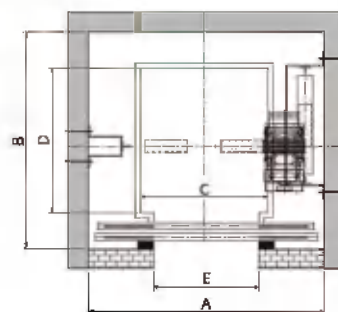
Dimensional Details : MRL Passenger Elevator

Capacity		Lift Speed	Lift Well		Cabin Inside		Entry	
Person	Kgs.	Mtr./Sec.	A	B	C	D	E	
5	340	0.50/1.0	1550	1600	870	1000	700	
6	408	0.50/1.0	1550	1170	870	1200	700	
5	340	0.50/1.0	1600	1600	900	980	800	
6	408	0.50/1.0	1600	1700	920	1050	800	
8	544	0.50/1.0	1700	1900	1120	1400	800	
10	680	0.50/1.0	1700	2250	1020	1750	800	

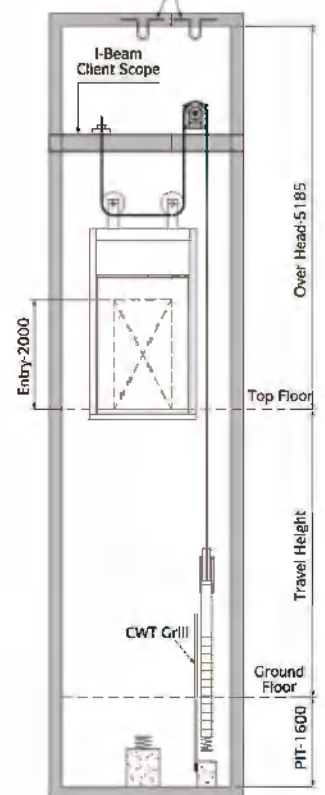
3 Nos. - Load Hook (3 Ton Capacity)  
Client Scope Refer Details  
In Inspection Window at Terrace Level



Inspection Window at Terrace Level

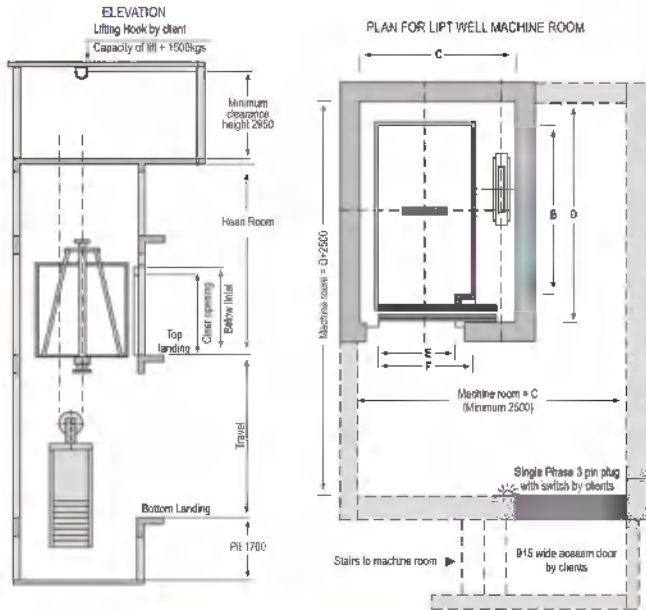


Lift Well Plan



Lift Well Section View

## Hospital Elevator



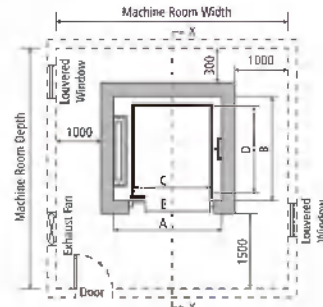
Dimensional Details : Hospital Elevator

Type	Capacity	Car Inside		Lift Well		Clear Entrance	Clear Opening at Landing	O. H.	Pit	Speed
		A	B	C	D					
Wheel Chair	544 kg	1100	1300	1700	1850	800	920 x 2150	4200	1600	.63 mps
Stretcher	750 kg	1000	2100	1700	2500	800	920 x 2150	4400	1600	.33 mps
Small Bed	1020 kg	1200	2100	1900	2500	900	1120 x 2150	4400	1600	.35 mps
Standard Bed	1360 kg	1600	2400	2500	2800	1200	1420 x 2150	4400	1600	.35 mps

All Dimensions are in mm size.

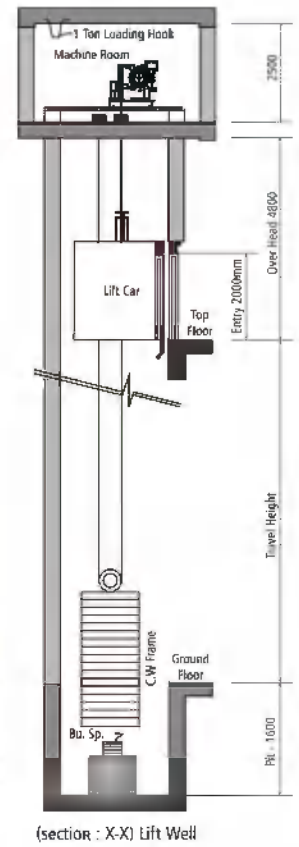
## Goods Elevator

Lift Shaft, Car, C.W. & Machine Room Plan



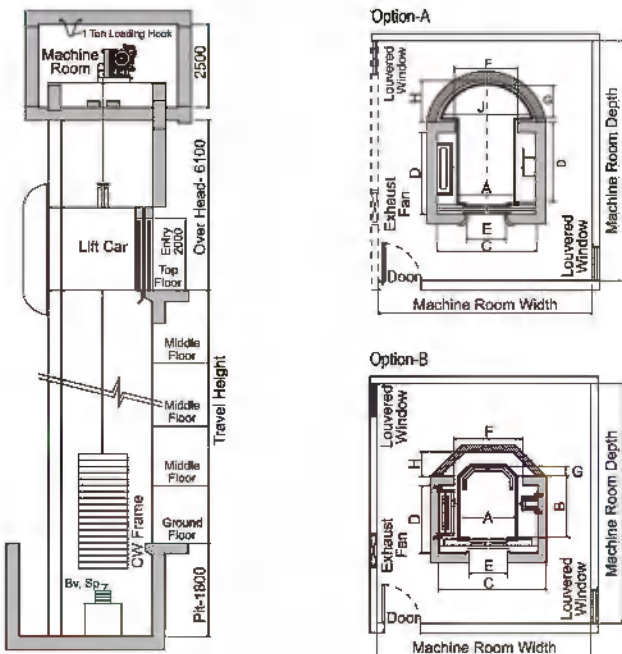
Dimensional Details : Goods Elevator

Capacity	Shaft W	Shaft D	Car W	Car D	Entrance
Kg	(C)	(D)	(A)	(D)	(E)
500	1900	1500	1100	1200	900
1000	2500	2100	1400	1800	1150
1500	2600	2300	1700	2000	1400
2000	2600	2800	1700	2500	1400
2500	2900	2800	2000	2500	1625
5000	2900	3300	2000	3000	1625



(section : X-X) Lift Well

## Capsule Elevator



Option - A

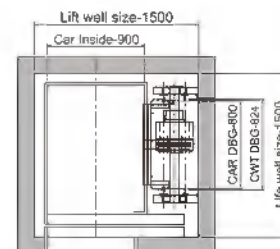
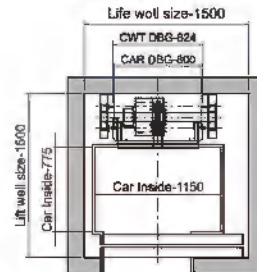
Load	Person	kgs.	Car Inside				Lift Well				Entrance
			A	B	J	G	C	O	F	H	
10	10	680	1100	1300	1400	650	2200	1425	1330	1100	800
13	13	864	1200	1400	1550	700	2400	1525	1430	1100	900
16	16	1088	1300	1500	1700	750	2800	1625	1530	1200	1000

Option - R

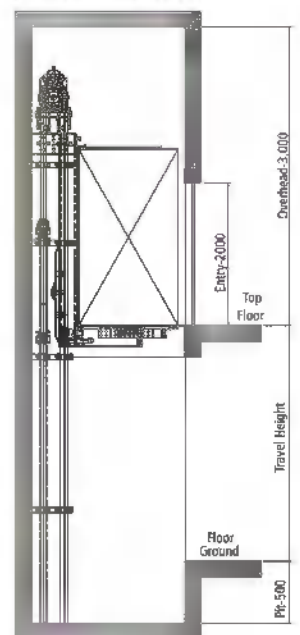
Load	Person	kgs.	Car Inside			Lift Well				Entrance
			A	B	G	C	D	F	H	
10	10	680	1250	1300	250	2200	1450	1480	580	800
13	13	884	1400	1400	300	2400	1550	1630	650	900
16	16	1088	1550	1500	350	2800	1780	1650	790	1000

## Home Elevator

HOISTWAY PLAN LAYOUT



HOISTWAY ELEVATION DRAWING



Specification : Home Elevator

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

All Dimension are in mm This is General Guide, It may be changed without notice

# Service

## AFTERSALES SERVICE



### Service :

Our main objective is "Customer satisfaction". We are providing best quality, best product & best service with low cost and high quality. Our all products posses international certificate such as.

ISO 9001:2008 Quality Management System for the following activity  
Manufacturing Service & maintenance & Erection of all types of Elevators.

### After Sale Service :

We specially design our after sales service team to respond customers various requests in installation and maintenance. Our after sales service team are offer service support within 24 hours from telephonic feedback.



### Office :

## THEOS ELEVATORS

4th Floor, C.P Estate Opp. H.K. College,  
Ashram Road, Ahmedabad - 380009. INDIA

Cell : + 91 0 98246 64881, 98259 39667,  
98250 39680

Complain : + 91 0 95121 00111

E-mail : [theoselevators@gmail.com](mailto:theoselevators@gmail.com)  
[bdasengineering@gmail.com](mailto:bdasengineering@gmail.com)

Website : [www.theoselevators.com](http://www.theoselevators.com)

### Factory :

A-113, Pushp industrial Estate, Rakhial,  
Ahmedabad - 380023. INDIA

### Work Plases :

Gujarat • Maharashtra • Rajasthan  
Madhya Pradesh

### Branches :

Himmatnagar • Vadodara • Vapi • Nadiad  
Valsad • Mehsana • Udaipur • Jaipur  
Anand • Surat • Abu Road



## B. Das Engineering & Electric Co.

Since : 1948

### Certificate

