

The logo for Matrix Elevators Pvt. Ltd. features the word "MATRIX" in a bold, blue, sans-serif font. A red double-headed arrow is positioned vertically through the center of the letter "X". Below "MATRIX", the text "Elevators Pvt. Ltd." is written in a smaller, white, sans-serif font.

**MATRIX**  
Elevators Pvt. Ltd.

The background of the advertisement is a low-angle, upward-looking shot of a modern skyscraper with a glass facade. The building's structure is composed of dark, horizontal bands and vertical lines, creating a strong sense of height and architectural detail. The sky is a dark, overcast grey. In the bottom right corner, there is a faint, white geometric pattern of interconnected lines and dots, resembling a network or a stylized web.

**Elevate**  
your life with us

A close-up view of an elevator control panel is overlaid on the lower left portion of the building's facade. The panel is dark with white and orange elements. It features a grid of buttons labeled with numbers 1 through 9, the letter 'B', '0', and 'C'. Above the numbers is a small orange icon of a hand holding a button. Below the numbers are two arrows pointing in opposite directions. The panel is semi-transparent, allowing the building's structure to be seen through it.

1 2 3  
4 5 6  
7 8 9  
B 0 C  
↔ ↲



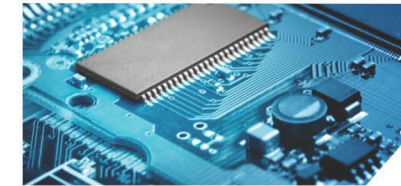
Experience the  
**Extraordinary**

## The Corporate Identity



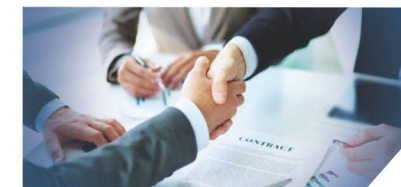
### Transparency

We always give our honest professional opinion, putting the customer at the center of what we do.



### Integrity

We are committed to building a relationship based on trust, a principle that governs our conduct.



### Relationships

We are in the business of building long term relationships, putting our experience in your hand for your best interest and optimal experience.



### Quality

We promise you to always go the extra mile to give you the best quality service at an optimal price.

## Company History

Matrix Elevators Pvt. Ltd. manufacture all types of Elevators. Our Products cater to Residential, Commercial, Industrial and Hospital needs. Our Products are designed to offer superior performance under a wide range of environmental conditions in India, keeping in mind harsh climates, uncertain power supply and specific applications. Our Products are designed with emphasis on Comfort, Safety & Speed. We at Matrix Elevators incorporate modern technology to keep pace with the changing environmental and vertical transportation needs of the 21st century. With High Quality Material, Trained and Experienced Manpower we provide Quality Elevators and Excellent after sales Service.

Matrix Elevators has many passenger transportation solutions available. And, to us, low rise does not mean low cost, Matrix Elevators has an entire range to service low-rise buildings, always providing safety, comfort and energy efficiency. With machine room and machine room-less arrangements, space saving is always considered. You know the demands of your lift better than anyone, so we designed our repairs packages around you. We provide a variety of modernization options to advance your lift, without the overhaul and cost of modernizing your entire system. At Matrix Elevators, service excellence isn't a slogan. It's how we do business.



## What Else We Offer

### New Installation

Installation works are carried out after discussions on the type of lifts required to meet the demands of the buildings, using the latest technology equipment.



### Maintenance Contract

We are one of the reliable and well know service providers for elevators maintenance. We offer our clients annual maintenance contract for all types of lifts.



### Modification

We modify our clients elevator with the latest and updated techniques, technology, design and compact features to ensure maximum safety and to reduce the energy cost.

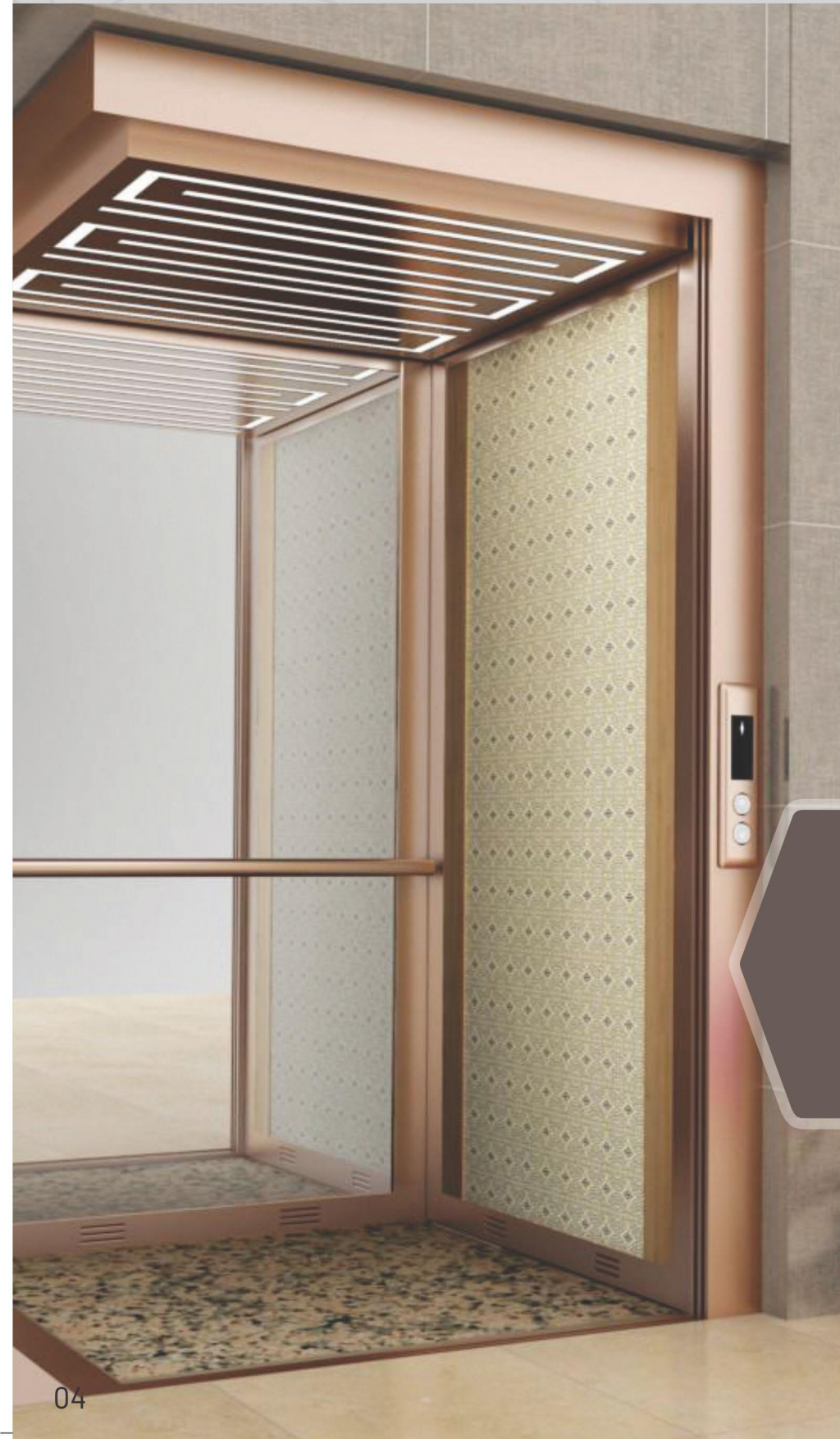


### Repair and Service

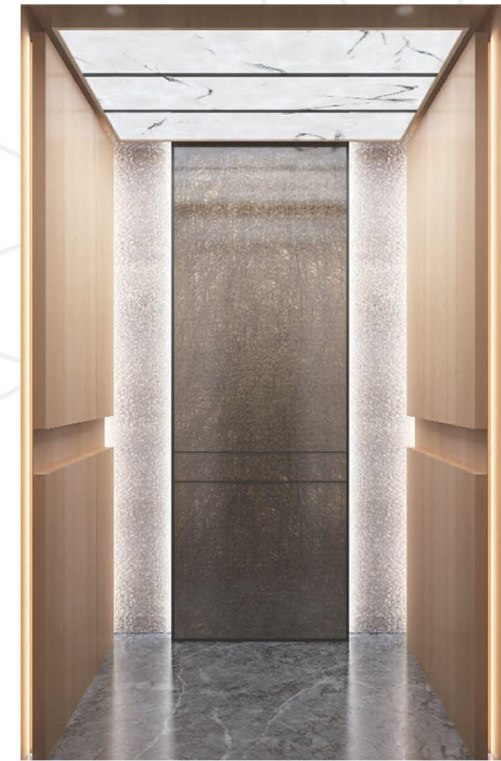
We possess dynamic professionals to provide repairing and other maintenance service at market price for better functioning of the elevators and its inner devices.



classic



Create Exclusive



01

Car ceiling	Mirror stainless steel, luminescent micalex. LED.
Car wall	Hairline stainless steel, titanium mirror stainless steel.
Handrail	Home Elevators-HD-V002
Floor	Standard PVC (optional marble).



02

Lighting	Full lighting
Ceiling	Milky white resin panels
Walls	Colored (bronze)
Transom panel	Colored (bronze)
Floor	Matt Finish Wonder



03

Car ceiling	Mirror stainless steel, luminescent micalex. LED.
Car wall	Hairline stainless steel, titanium mirror stainless steel.
Handrail	S.S. Round Handrail
Floor	Acrylic Lighting Floor



# panoramic



Enjoy the View



## 04

Up and bottom cover	Hairline stainless steel
Panoramic Wall	Laminated tempered glass
Ceiling	Stainless steel with acrylic transparent plate
Car Wall	Hairline stainless steel
Handrail	Mirror stainless steel
Floor	PVC Flooring

## 05

Up and bottom cover	Pentagon coating steel
Panoramic Wall	Laminated tempered glass
Ceiling	White ceiling with LED light
Car Wall	Hairline stainless steel
Handrail	Mirror stainless steel
Floor	PVC Flooring



## 06

Up and bottom cover	Acrylic dome cover and painted steel plate, painted and stainless steel coaming and decorative lights
Panoramic Wall	Laminated tempered glass
Ceiling	White ceiling with LED
Car Wall	Hairline stainless steel
Handrail	Mirror stainless steel
Floor	PVC Flooring



# landing

Auto Door Series

The automatic doors at grocery stores and office buildings 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.

Smooth & Comfort

## Auto Door Series



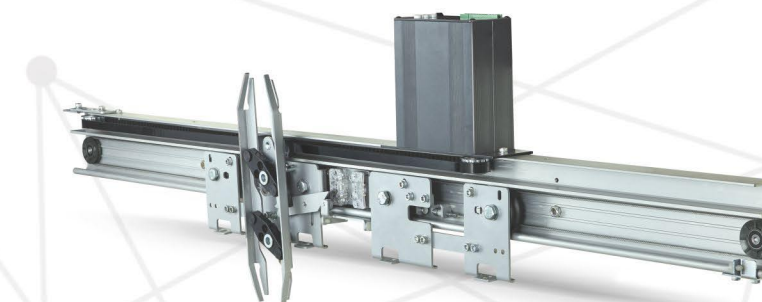
Center Opening Auto Door  
(Small Vision)



Center Opening Auto Door  
(Big Vision)



Full Glass Auto Door



2 Panel  
Centre Opening Car Door Mechanism



Center Opening Auto Door



Center Opening Auto Door  
(Four Panel)

# Car Operation Panel



“ Full height stainless steel hairline finish with integrated battery backed Emergency light and Push to Talk System.

Stainless steel finish landing hall button station with illuminated touch sensitive button with LCD and scrolling direction display.

”

## Touch & Feel

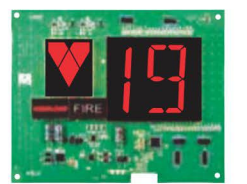
### CLASSIC SERIES



SM-ECO : Classic COP-LOP

SM : Classic COP-LOP

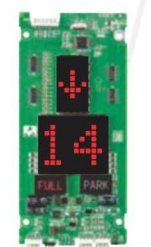
### Display



### Seven Segment



### Monochrome



### Dot Matrix

### iTOUCH SERIES



SM : I TOUCH White COP-LOP

SM : I TOUCH Black COP-LOP

### Grand SERIES



SM : GRAND COP-LOP

SM : GRAND COP-LOP

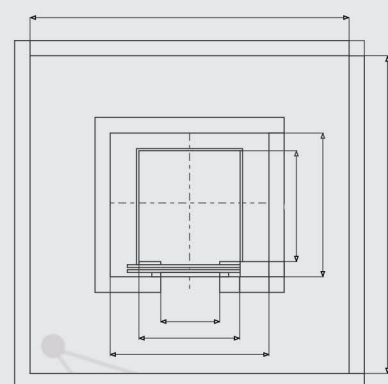
## Auto Door Elevator

Elevators are the main transportation arteries in the modern building and are vital in determining a building's economic success.

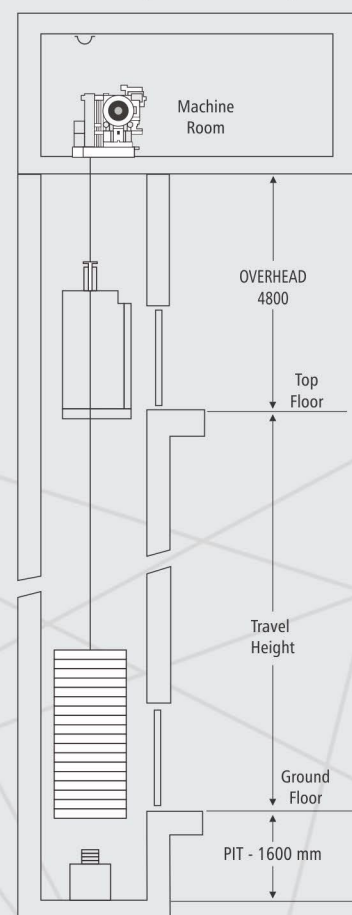
We manufacture all types of passenger lifts of different capacity and speed. Our latest passenger lifts comprises of V3F Close & open loop microprocessor Controller with sophisticated steel car & latest electronic components that has low power consumption and are also maintenance free. We offer different types of cabins using material such as M.S., S.S., Glass. We provide latest version of Auto doors for cabin and landings which are specially designed in Germany with superior technical precision.

Whether you are planning for a high rise, high performance, high speed or simply high specification solution, we offer a range of elevators and innovations that were developed with these needs in mind.

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			SPEED UP TO 1 m/s.	
PERSON	WEIGHT	WIDTH	DEPTH	WIDTH	DEPTH		WIDTH	DEPTH	HEIGHT	PIT	O.H.
IN KG.		A	B	C	D	E	F	G	H		
4	272	1900	1300	1100	700	700	2900	3300	2500	1600	4800
6	408	1900	1700	1100	1000	700	2900	3700	2500	1600	4800
8	544	1900	1900	1300	1100	800	2900	3900	2500	1600	4800
10	680	1900	2100	1300	1350	800	2900	4100	2500	1600	4800
13	884	2500	1900	2000	1100	900	3500	3900	2500	1600	4800
16	1088	2500	2100	2000	1300	900	3500	4100	2500	1600	4800
20	1360	2500	2400	2000	1500	2000	3500	4400	2500	1600	4800

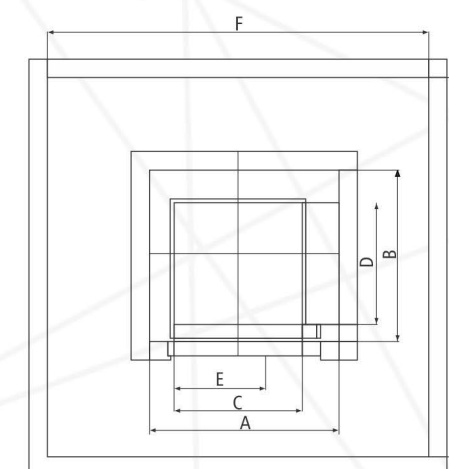
• All Dimension are in mm. • This is General Data, it may be changed without notice. • All hoist way walls should be minimum 230 mm brick or 150 mm R. C. C.

## Manual Door Elevator

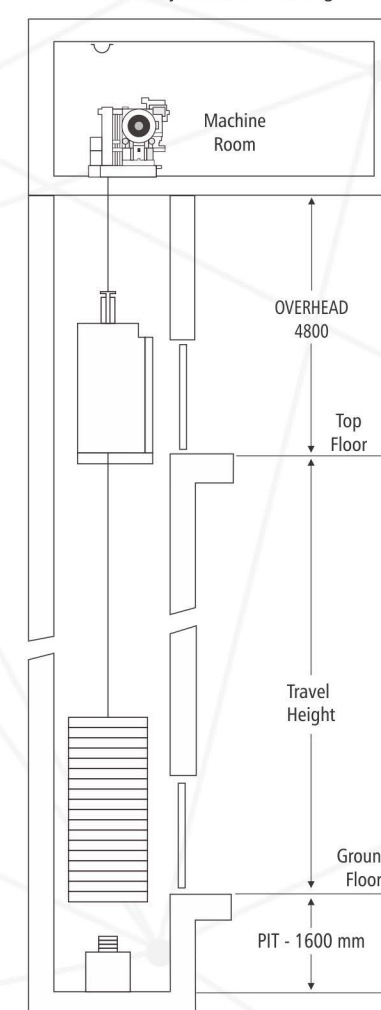
Manual door elevators are durable by design and accurate by technology. We have a wide range of these elevators which are most reliable and designed to suit every construction requirement and provide best vertical transportation solutions, with trouble free performance and low maintenance cost. These elevators are a perfect blend of Cost friendly and robust performance elevator applications. They have an excellent record of customer satisfaction.

- ▶ The passenger elevators detailed here are designed to handle promptly and efficiently the vertical transportation requirements of any type of building considering any traffic condition.
- ▶ Delivers maximum lifting power with a minimum of effort.
- ▶ A superior combination of flexibility and performance.
- ▶ It gives benefits of jerk-less traveling, economically low power consumption and excellent design.

Hoistway Machine Room Plan For Manual Door



Hoistway Elevation Drawing



Hoist Way Machine Room Size Passenger Elevator with Manually Operated Doors

LOAD		LIFT WELL		CAR INSIDE		ENTRANCE	MACHINE ROOM			SPEED UP TO 1 m/s.	
PERSON	WEIGHT	WIDTH	DEPTH	WIDTH	DEPTH		WIDTH	DEPTH	HEIGHT	PIT	O.H.
IN KG.		A	B	C	D		G	H			
4	272	1300	1300	1100	700	700	2600	3200	2500	1600	4800
5	340	1400	1300	1100	850	700	2600	3350	2500	1600	4800
6	408	1500	1500	1100	1000	700	2600	3500	2500	1600	4800
8	544	1800	1800	1350	1300	800	2850	3800	2500	1600	4800
10	680	2300	2100	2000	1300	800	3500	3800	2500	1600	4800
13	884	2600	2300	2000	1300	900	3500	3800	2500	1600	4800
15	1020	2700	2400	2000	1300	900	3500	3800	2500	1600	4800

• 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.

## Capsule Elevator

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.

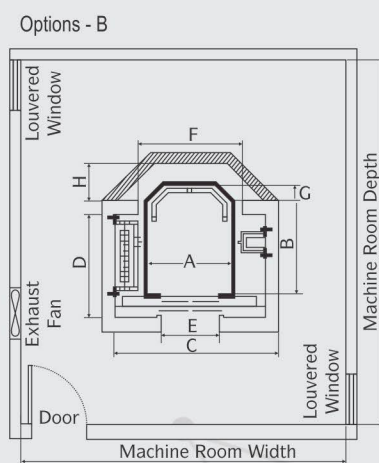
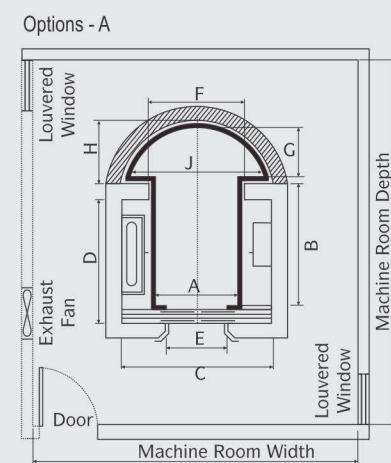
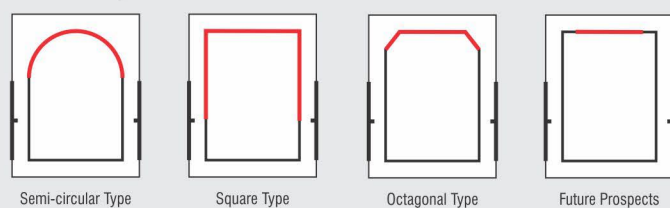


## Hospital Elevator

Hospital Elevators provide easy transportation of patients and bulky medical equipment such as gurneys, 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 center-opening, telescopic power-operated doors and easy to use for people

There is a variety of forms to meet different needs.

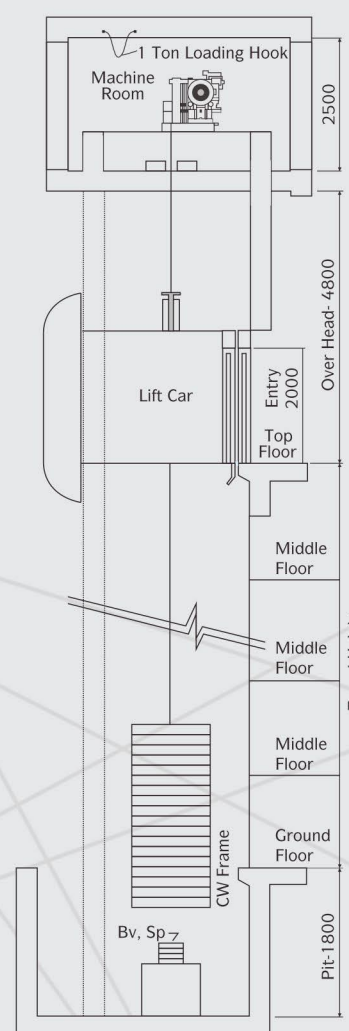


Options - A

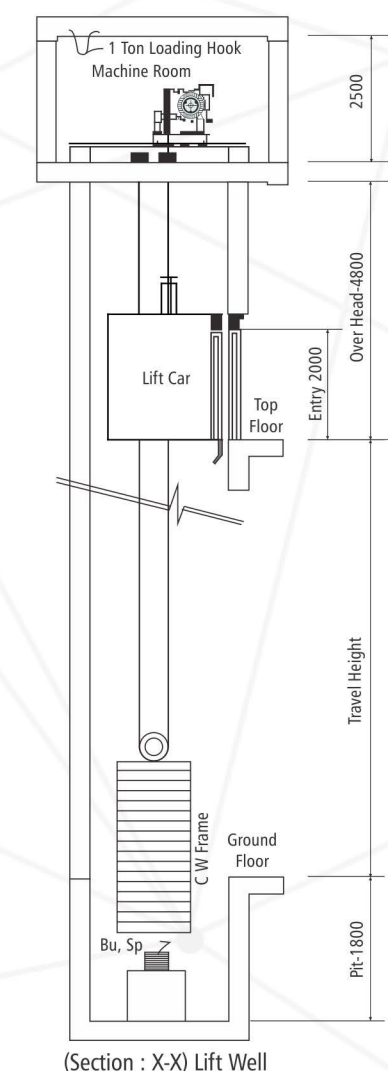
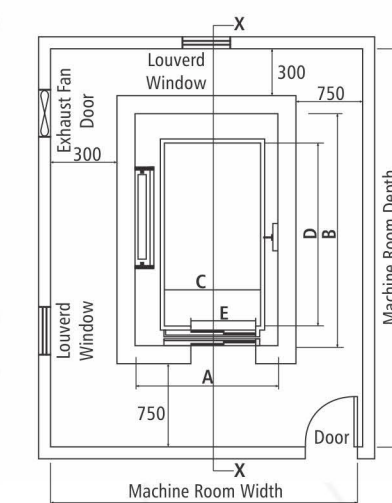
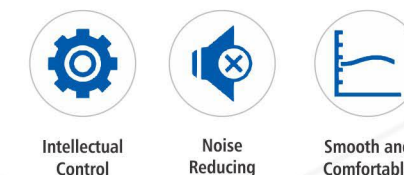
Load		Car Inside				Lift Well				Entrance
Person	Kgs.	A	B	J	G	C	D	F	H	E
10	680	1100	1300	1400	650	2200	1325	1330	1100	800
13	884	1200	1400	1550	700	2400	1425	1430	1100	900
16	1088	1300	1500	1700	750	2800	1530	1530	1200	1000

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



- Smooth and secure
- Electromagnetic compeblity (Optional)
- Emergency landing device (Optional)



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

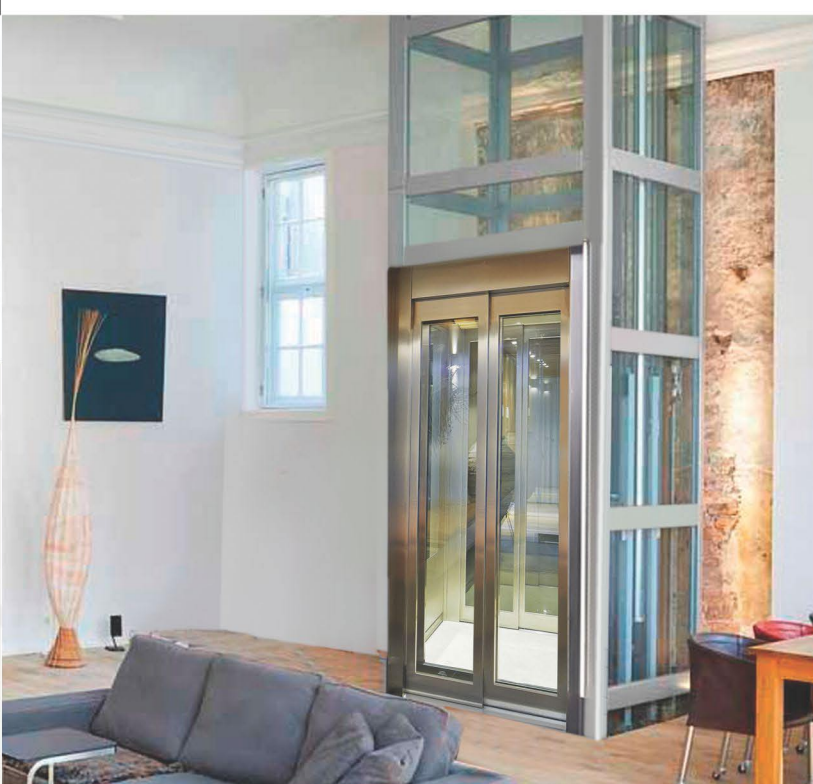
(Section : X-X) Lift Well



## MRL Elevator

Machine Room-Less (MRL) lifts are traction elevators that feature a compact motor 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-story homes.



## Home Elevator

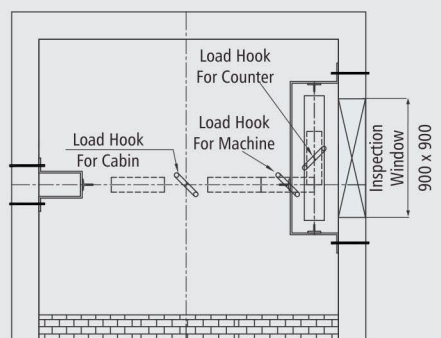
Home elevators not only increase the value of your home, but can also provide you stunning showpiece. At the same time, home lifts can allow the disabled and elderly to easily move about a multi-level dwelling.

The term "home elevator" commonly refers to a lift enclosed in a shaft, and which can travel vertically as much as 15 m. (50 ft.). Home elevators make it easier to carry groceries, laundry or anything else from one floor to another. And today, they're 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!

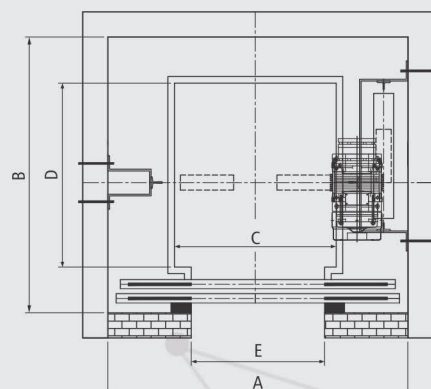
It saves 25% of total elevator equipment area.  
It reduces 40% of space occupation.



MRL Gearless Machine

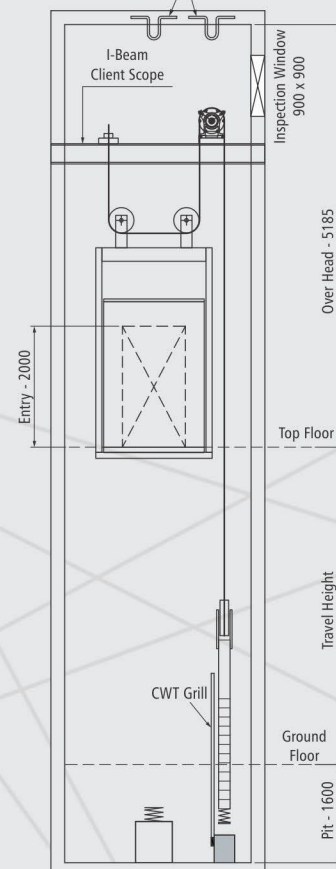


Inspection Window at Terrace Level



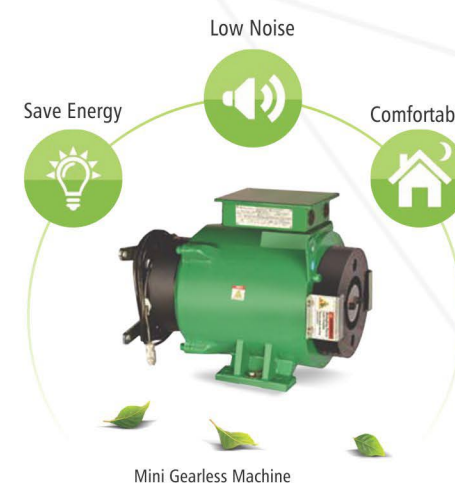
Lift Well Plan

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



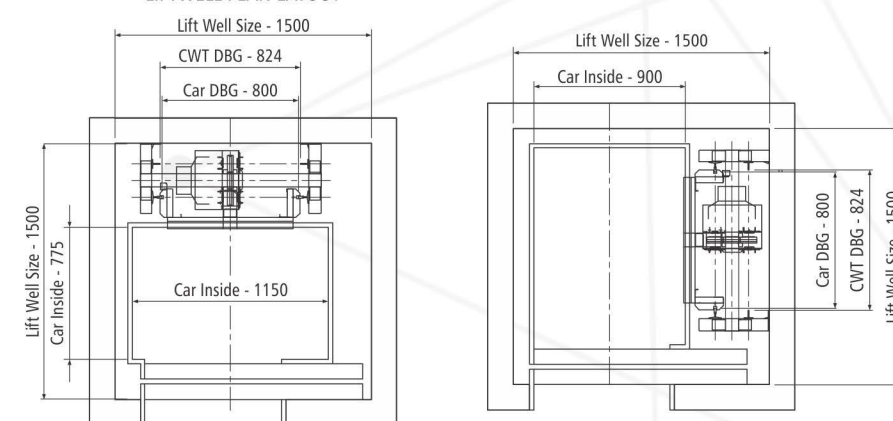
Lift Well Section View

Capacity		Lift Well		Cabin Inside		Entry
Person	Kgs.	A	B	C	D	E
5	340	1600	1500	920*	1050	700
6	408	1650	1600	970*	1130	700
8	544	1850	1700	1120	1280	800
10	680	2000	1850	1270	1380	800
13	884	2100	2600	1070	2100	800/900
15	1020	2100	3000	1070	2400	800/900
20	1360	2300	3000	1320	2400	900/1000
26	1768	2450	3000	1620	2400	900/1000



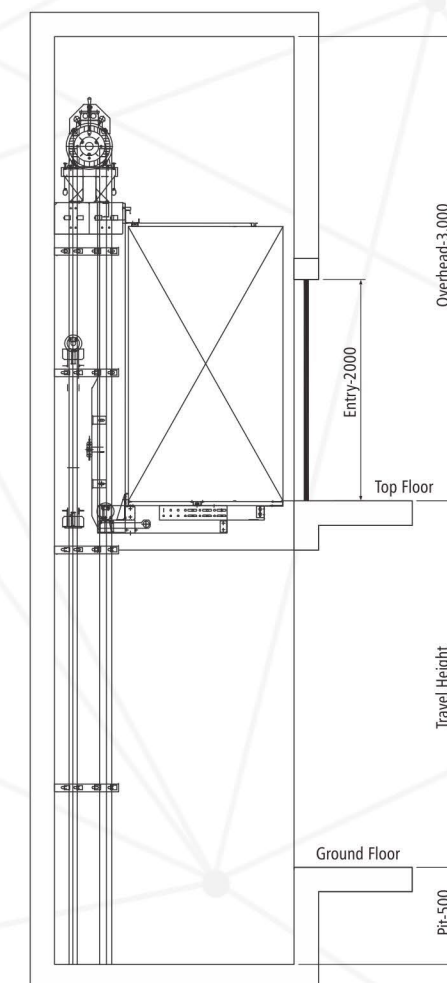
Mini Gearless Machine

### LIFTWELL PLAN LAYOUT



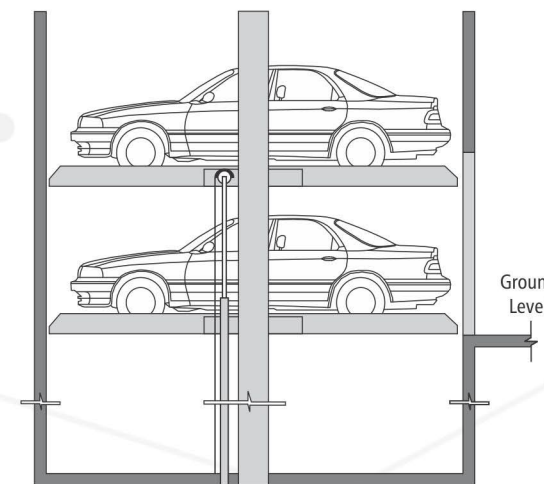
RPM	120	Pulley Dia.	100 mm
Frequency	12 Hz.	Rope Dia.	4 mm
Voltage	230 VAC	No. of Ropes	4
Kw / Hp	0.75 / 1	Lifting Capacity	300 kg
Weight	70 kg.	Lift Speed	up to 0.50 m/s
Brake	Pick-up : 220 VDC	Max. Travel	15 Mts.
Voltage	Holding : 110 VDC	Starts / Day	100

### HOISTWAY ELEVATION DRAWING



The Most Reliable  
Parking Assistants

Pit Park  
Parking System



General Details

Max load ( kgs )	2000 Kgs
Load Per Wheel	650 Kgs
Operations	Dependants
Type	Indoor / Outdoor
Working	Hydraulically Driven / Electrically Operated
Material used	Mild Steel (FE410,FE4910)
Coating	Powder Coated or Hot Dip Galvanised

Specification

Model	System	Platform	Platform	Lower Car	Lifting	Car
		Width (mm)	Length (mm)	Height (Max)	Mechanism	Category
MEP-11	2500	Level 1-2100	Level 1 4000	Gr. Level 1800	Hydraulic	Small Cars
		Gr. Level 2100	Level 2 4000	Level 1-1800 Level 2-1800		
MEP-22	2500	Level 1-2200	Level 1-4500	Gr. Level 1800	Hydraulic	Small Car Mid Sized Sedans
		Gr. Level 2200	Level 2-4500	Level 1-1800 Level 2-1800		
MEP-33	2700	Level 1-2400	Level 1-4800	Gr. Level 1800	Hydraulic	Mid Sized Sedan Small Car Large Sedans SUV's
		Gr. Level 2400	Level 2-4800	Level 1-1800 Level 2-1800		

Industrial and  
Goods Elevator

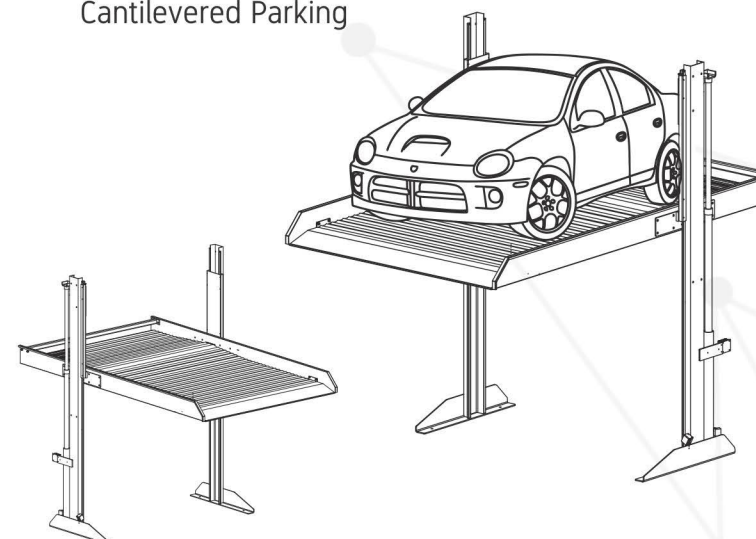
A freight elevator is used to carry goods only, though some do both to allow operators and those loading goods along for the ride.

Freight elevators are typically larger and capable of carrying heavier loads than a passenger elevator, generally from 2,300 to 4,500 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.



Single Post

Cantilevered Parking



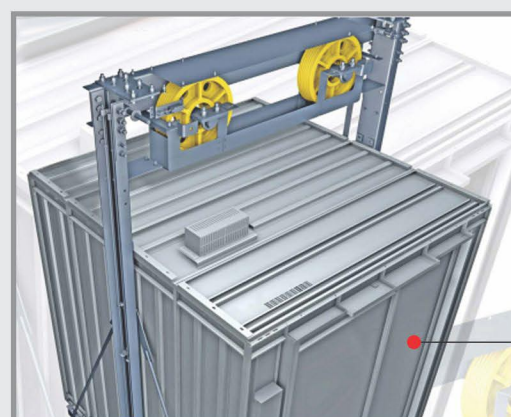
General Details

Max load ( kgs )	2200kg	
Operation	Dependant	No. of parking slots 2 car.
Working system	Hydraulically driven with heavy duty chain / Electrically Operated	
Material used	Mild steel Coating Powder coating / high-grade anti-corrosion paint painting as per client requirement	
Motor	Motor 2.5 hp	Travel speed 40-45 sec
Power source	Main – AC 415V, 3 PH, 50 Hz & Lighting – AC 220V, 1 PH, 50 Hz	
Power consumption	0.03 units per operation ( approx.)	
Operated with	Push button operated with safety electric control panel key locking system.	
Structure	One horizontal platform for parking with one front wedge per parking operated on single pillars with hoisting slide, dowels, screws etc. Supported on the Ms base plate.	
Application	Residential, Commercial, Hotels, Malls, Hospital etc.	

Specification

Model	System	Platform	Platform	Lower Car	Lifting	Car
		Width (mm)	Length (mm)	Height (Max)	Mechanism	Category
AUC-11	2100	1900	4000	1800	Hydraulic / Motorized	Small Cars
AUC-22	2200	2000	4500	1800	Hydraulic / Motorized	Mid Sized Sedans
AUC-33	2400	2200	4800	2000	Hydraulic / Motorized	Large Sedans / SUV's

Note : Sizes can be varied as per client requirements and site conditions.



Heavy Duty Cabin



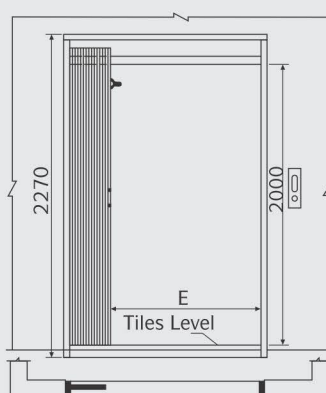
It purifies the power grid environment



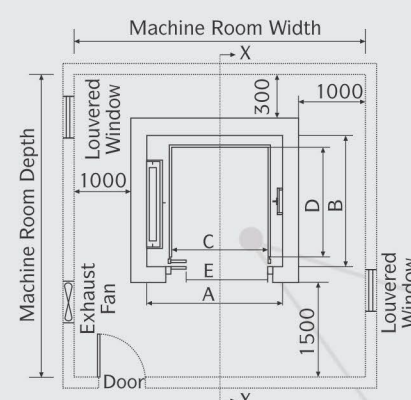
It improves the machine room temperature



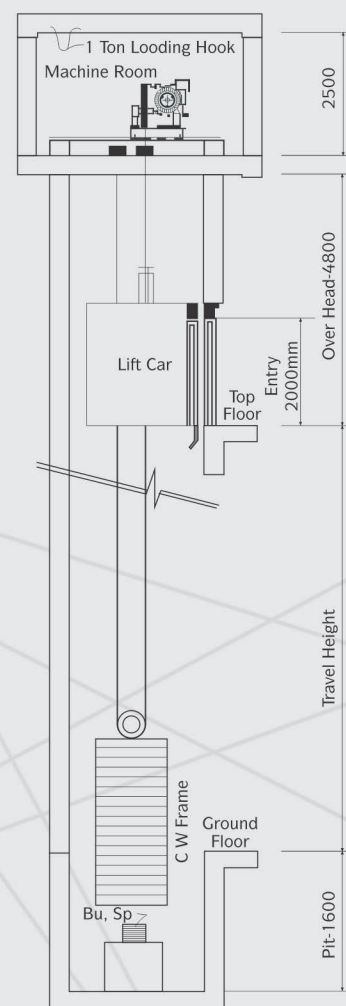
Above 30% of energy-saving



Collapsible Door Landing



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



(section : X-X) Lift Well

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

Note : All Sizes can be varied as per client requirements and site conditions for appropriate parking Spaces and Pit Dimensions.

## Hydraulic Elevator For Low Rise

Looking for a low-maintenance elevator? Hydraulic lifts provide the advantages of being relatively inexpensive, safe and easy to maintain. They're very convenient and cost-effective solution for low-rise buildings with low traffic.

Hydraulic elevators have been rated the safest option for home elevators. They boast superb user friendliness and easy access machine room located at the basement. Once they are put in place, hydraulic elevators provide the smoothest rides possible.

## The safe and More Energy-Saving Integrated control

Energy- efficient and simple to use: our panels put you in control over your elevator systems.

MATRIX has been installing and servicing elevators for more than a decade. MATRIX bring Millennium most advanced energy saving VVVF elevator system with highly sophisticated Microprocessor based Pulse Width Modulation (PWM) technology MATRIX complete integrated VVVF control system ensures best return of cost.



Parallel Integrated VVVF Drive



## Green Solutions For Better Tomorrow



Elevator Parallel Integrated Controller

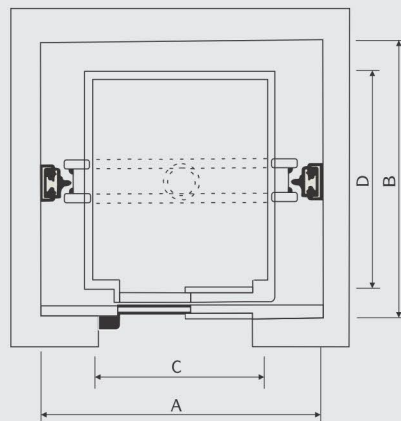


HD ECO-10 CONTROLLER with ARD



Elevator Serial Integrated Controller

### Center Bore Type (Direct)

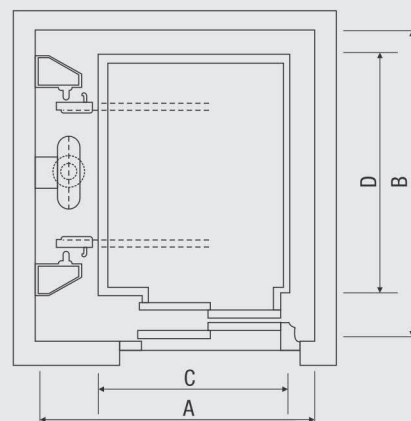


It is a direct suspension with a simple or split piston. It is the simplest solution of suspension for any load.

Person	Capacity Kg.	Shaft - W (A)	Shaft-D (B)	Car-W (C)	Card-D (D)
3	225	1200	1200	800	900
4	300	1250	1350	850	1050
5	375	1400	1400	1000	1100
6	450	1500	1500	1100	1150
8	600	1500	1700	1100	1400
10	750	1600	1850	1200	1550
12	900	1700	1950	1300	1650
15	1125	1700	2300	1300	2000
20	1500	1800	2700	1400	2400
24	1800	1900	2800	1500	2500

PIT : 1500 mm • O.H. : 4000 mm (Pit & O.H. change the technical specification)

### Roping Type

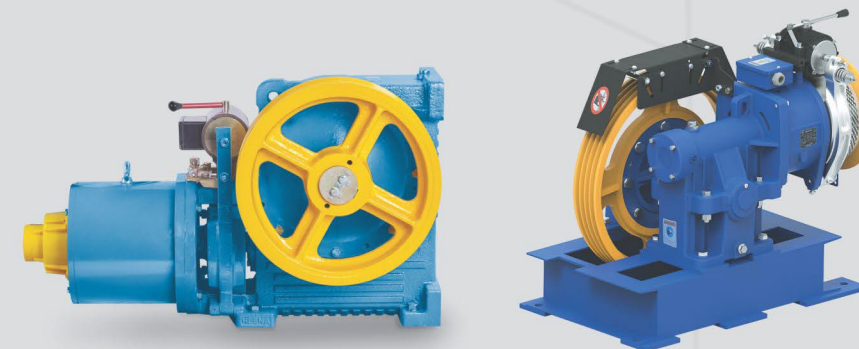


It is a single side direct suspension with a simple piston for regular loads and short travels of maximum 4 meters.

Person	Capacity Kg.	Shaft - W (A)	Shaft-D (B)	Car-W (C)	Card-D (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. : 4000 mm

### Geared Traction Machine



### Gearless Traction Machine



## Escalator

Matrix Escalators are an outstanding class of people moving systems. They offer a streamlined touch of styling and proficiency while addressing the very latest in safety concerns. Their compact design allows them to be placed in minimum sized wellways and that provides you with the flexibility you need to make the most efficient use of your valuable building space. Our complete line up includes the New-world Class, H-series escalators and pallet type moving walks. One of them will be the ideal answer to your pedestrian-traffic needs.

## Moving Walk

MATRIX moving walks are available in horizontal, inclined design within 12 degree or in combined design and are widely applicable to various buildings and facilities such as supermarkets, subways and railroad stations, sports stadiums, department stores, and so on. They offer a new dimension of convenience, satisfaction and excitement for the customers and passengers.

### Superb performance comes from stringent design

- Precision structure
- Deluxe charm
- Effective safety
- High-tech induction



**Smooth operation**  
Matrix uses hydrolysis-resistant polyurethane step rollers. These are the most reliable rollers on the market. They ensure smooth running even in tropical and subtropical regions.

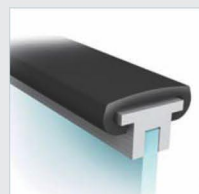


**Long service life**  
Matrix is committed to designing for a service life of over 20 years. For example, the microprocessor controlled lubrication system, which feeds the precise amount of lubricant to every lubrication point. Such attention to detail ensures a long service life for all mechanical parts.



**Quiet running – quiet drive units**  
Matrix is quieter in operation than other leading commercial escalator brands.

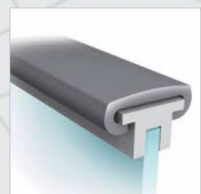
### 1. Handrail Color



Black



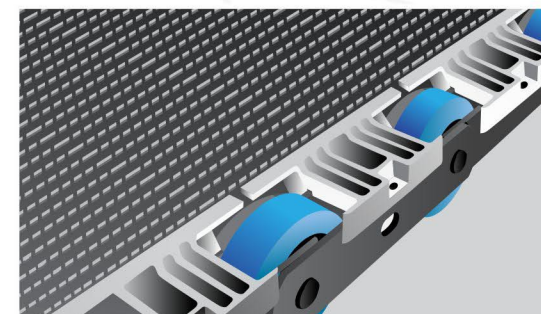
Red



Gray



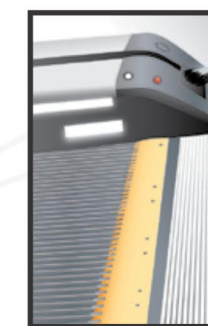
Blue



### Simplicity leads to increased reliability

The pallets of the MATRIX - 10000 horizontal moving walk are directly secured to the pallet chain, which reduces wear and tear on the pallet band while providing extremely smooth, comfortable and quiet operation.

### The Ultimate Anti-Slip Solution



Comb plate lighting  
Comb line



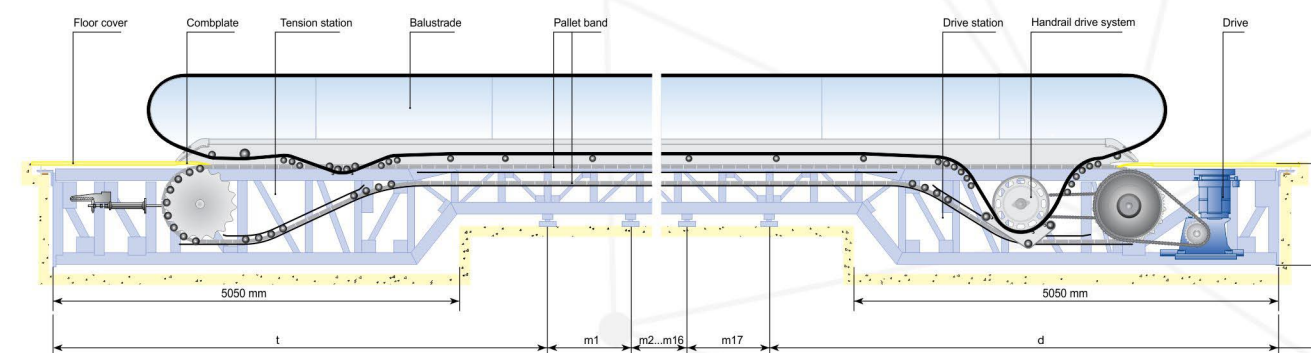
Skirt lighting  
Pallet gap lighting



Balustrade lighting



Handrail entry brush



**New Installation Lift A All Types of  
Elevator Maintenance & Modernizations**



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