

# PASSENGER ELEVATORS



## EASA Elevators Private Limited

### Head Office

No: 2, Aravali Complex, Rajiv Colony, Near Rajiv Chowk, NH-8 Gurgaon-122001, Haryana.

### Experience Centres

SCO 32, JLPL Sector 82, Mohali-160082, Punjab.

No. 3, Aravali Complex, Rajiv Colony, Near Rajiv Chowk, NH-8, Gurgaon-122001, Haryana.

### Branch Offices

A-15, Sector 3, Noida - 201301, India

4F-25, 4th Floor, Mahima Trinity Mall, Swej farm Road Sodala, Jaipur-3 02019

Industrial Power Pvt. Ltd.: New Plaza, Putalisadak, Kathmandu, Nepal.

Phone: 01- 4517264, 01-5900262, DTS: 01 5908508/09, +977 982 882 4858, +91 971 600 8050 | Email: aexpgrp1@gmail.com

### Manufacturing Facility

G-1, 603, 604-605, RIICO Industrial Area, Khuskhera, Rajasthan-301707

### Sales and Service

Delhi NCR | Haryana | Uttarakhand | Punjab | Rajasthan | Uttar Pradesh | Himachal Pradesh | Jammu & Kashmir

### Contact

+91 9667793372 for Delhi | +91 9667793373 for Haryana | +91 9667793374 for Punjab

**MILAN AVENUE**  
**LANAI PATIO | MAYFAIR PORTICO**

*Smart it is!*



## SMART CITY ELEVATORS

Architects are redefining cities with a focus on efficient lifestyle homes designed to complement your surroundings, with indoor and outdoor spaces that enhance your connection to your environment.

EASA® brings you these Lifestyle Smart City Elevators which are extremely safe, compact and a pleasure to ride. Smart Elevators are intelligent, eco-friendly and brimming with features.

Special focus for people with mobility concerns has been addressed in design, development and installation of Smart City Elevators.

EASA® has set a trend in the elevator industry with various designs of lifestyle elevators that compliment your residences and commercial buildings with a choice of Contemporary, Classic, Royal, Natural and Funky finishes.

*Smart it is!*

# REDEFINING VERTICAL MOBILITY WITH SMART SOLUTIONS



**Efficiency:** Compact and reliable, Permanent Magnet Synchronous Motors are the order of day! These highly efficient gearless machines save you a lot of money as they consume less power and are eco-friendly.



**Space:** Only EASA® designs elevators for spaces as small as 1250mm wide shafts. A treat for architects and home owners. And moreover, if you do not want to block spaces and light with civil shafts, EASA® offers a self-supporting modern steel structure.



**Ride:** Integrated controllers for smooth start and smooth stop ensure fine ride quality and saving too.



**Reliability:** ISO certified factory and life time services at your door step ensures super reliability.



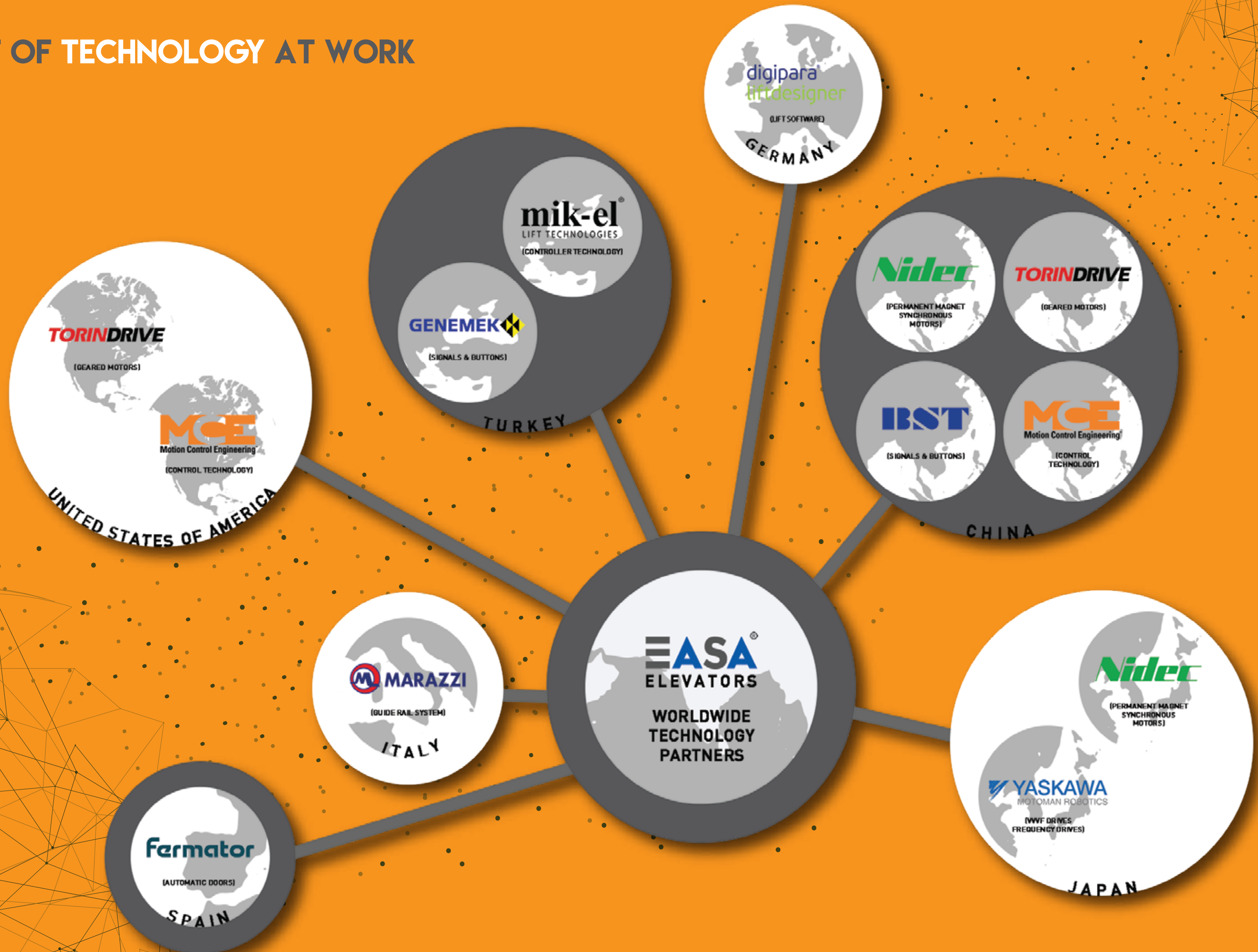
**Low Maintenance Cost:** The price over 10 years usage determines the overall price of the elevator. Low cost of maintenance is passed to the customers advantage by incorporating robust and maintenance-free designs.



**Mobility:** All EASA® lifts are designed with extra wide door opening and programmable door opening time. Audible braille push buttons and audible signals are some very valuable features when the lift reaches a floor level.



# BEST OF TECHNOLOGY AT WORK





## FOR THE **NEW-AGE** MOBILITY EXPERIENCE

### Power Saving & Sleep Mode

Use of PM motors for vertical motion and automatic doors results in over 30% of power saving. The elevator will enter into a sleep mode and all major functions along with lights and fan will switch off within 30 seconds (programmable) of non-usage and resume services with a touch of a button.

### We Care for the Immobile & Aged

800mm wide x 2100mm high doors. The door opening/ closing is programmable for slow or fast opening of doors. 800mm doors also facilitate wheel chair access.

Braille Push Button with audible signal for call registration and audible signal when the lift stops at floor level.

### Integrated Controller System

Integrated Controllers are smart controllers with scores of special features. The exceptional feature is swift and smooth slow down and swift acceleration of the elevator car resulting in reduced travel time. They are designed with combining logic control, advanced signal processing to increase safety and flexible response.

### Closed Loop Technology

EASA® uses a “True Closed Loop Technology” which is part of an electronic revolution that has changed the way modern elevators are designed, manufactured and modernised. A closed-loop system continually monitors the speed and position of the elevator to provide a smooth flawless ride to the elevator.

### Serial Communication

EASA® adopts full function CAN BUS Serial Safety Communication in the Elevator. Serial Communication is an important function to have in a high-performance elevator.

## STANDARD SPECIFICATIONS

Passengers	4, 6, 8, 10, 13, 16, 20 (68kg/passenger)
<b>Speed</b>	<b>1 meter per second</b>
Duty	Commercial Continuous Duty
<b>Door</b>	<b>800mm, 900mm (700mm for 4 passenger)</b>
<b>Door Height</b>	<b>2100mm</b>
<b>Car Height</b>	<b>2300mm</b>
Travel	30 meters Max
<b>Minimum Shaft Size</b>	<b>1250mm width * 1400mm depth</b>
Car Finish	Pre-coated steel in SS Finish & Powder Coated sheets
Design	Mirror on rear panel
Controller	Microprocessor CE Certified
Machine	Permanent Magnet Synchronous Operation
Power Supply	400/ 415 Volts (3 phase AC)
Car Operating Panel	1000mm with display for Car position
Flooring	Vinyl Flooring (High Density)

## STANDARD FEATURES

1. Automatic Rescue Operation: In the event of power failure, the car will travel to the next stop and the doors will open.
2. Overload Device: When the car is overloaded, the car door will remain open with a signal on display.
3. Manual Rescue Operation: The rescue of people trapped in the car is carried out by a Manual Rescue Device.
4. Nudging: If the doors are prevented from closing for a fixed period of time, a buzzer is activated.
5. Door Zone Lock Circuit detection
6. Door Zone Protection

7. Emergency Car Light
8. Full Height Infrared Door Protection
9. Safety Circuit Detection
10. Emergency Alarm
11. Emergency Fireman's Service
12. Door Open Button
13. Door Close Button
14. Collective/ Selective and Down Collective Operations

## ADVANCED OPTIONS

1. Big Vision Glass Doors
2. Emergency Telephone System (GSM and Public Wireline Network)
3. Biometric Access
4. Card Reader Access
5. Handrail
6. View Window: 80mm\*1000mm view slit in doors
7. Full Height Car Operating Panel
8. Intercom (Press and Speak)
9. Attendant Operation
10. Parking Key Switch
11. Duplex and Triplex Car Group Operation
12. Timed Blind Floor
13. Voice Synthesiser with Customised Music

## OPTIONAL FEATURES

1. Call Cancellation: Double press the button to cancel a registered call.
2. Parking Floor: The car will park on a pre-defined floor.
3. Audible Car Call Button: The car buttons give an audio signal when calls are registered.
4. Cabin Light and Ventilation - Auto-off in sleep mode.
5. Maximum Call Registration Limit.
6. Door Open/ Close Time Regulator.

# MILAN AVENUE

MS Spire



## MILAN AVENUE

MS Spire

- Side Panels** Stylish Patterned Panel with Striped Bottom half
- Rear Panel** Bottom Half - Striped Patterned Panel
- Rear Panel** Top - Mirror
- Flooring** High density Vinyl - Grey
- Ceiling** Single sheet flat panel
- Lighting** 4 No LED Down Lights
- Push Button** Stainless Steel Hairline finish with round LED buttons

This cabin boasts of a striking design, featuring stylish patterned panels with a unique striped pattern on the bottom half. This design adds a touch of elegance and sophistication to your daily commute.

# MILAN AVENUE

Steel Symphony



## MILAN AVENUE

Steel Symphony

- Side Panels** Vertical SS Panels
- Rear Panel** Bottom Half - Vertical Panels
- Rear Panel** Top - Mirror
- Flooring** High density Vinyl - Grey
- Ceiling** Single sheet flat panel
- Lighting** 4 No LED Down Lights
- Push Button** Stainless Steel Hairline finish with round LED buttons

**Elegance and timeless design. A classic Stainless Steel- SS Vertical design**

This cabin SS Vertical design, which exudes sophistication and a touch of tradition. The vertical SS panels on the side panels give the cabin a simple distinguished appearance.



# LANAI PATIO

Coffee Bean



## LANAI PATIO

Coffee Bean

- Side Panels** Single Coffee Bean Vertical patterned strips Panels
- Rear Panel** Vertical Coffee Panels in the centre
- Rear Panel** Vertical Mirrors on Two side
- Flooring** Marble Crème Polaris
- Ceiling** Bold Bronze Mirror Patterned Single sheet panel
- Lighting** 4 No LED Down Lights
- Push Button** Stainless Steel Hairline finish with round LED buttons

**Exquisite Coffee Bean Vertical patterned strip panels.**

The centrepiece of our elevator cabin is its Coffee Bean Vertical patterned strip panels, creating an atmosphere of timeless sophistication, captivating the eye with their artful design.

## LANAI PATIO

SS Finish  
Pre Coated- Grey Silver



### LANAI PATIO

SS Finish Pre Coated- Grey Silver

- Side Panels** Horizontal Panels SS Finish with SS Rose Mirror Strips
- Rear Panel** Horizontal Panels SS Finish with SS Rose Mirror Strips
- Rear Panel** Top – Mirror
- Flooring** High density Vinyl – Grey
- Ceiling** Single sheet flat panel
- Lighting** 4 No LED Down Lights
- Push Button** Stainless Steel Hairline finish with round LED buttons

**Exquisite SS Finish Pre Coated in Grey Silver.**

The heart of our this cabin is its SS Finish Pre Coated in Grey Silver, very stylish. The side panels are complimented with SS Rose Mirror Strips, adding a touch of elegance to the design.

# MAYFAIR PORTICO

Dark Wood



## MAYFAIR PORTICO

Dark Wood

- Side Panels** Stylish Patterned Wood finish Panel with Striped Bottom half
- Rear Panel** Bottom Half - Striped Patterned Panel
- Rear Panel** Top - Mirror
- Flooring** High density Vinyl- Wood finish
- Ceiling** SS Bronze Mirror - Single sheet flat panel
- Lighting** 4 No LED Down Lights
- Push Button** SS Mirror finish with round LED buttons

**Seamless fusion of luxury and functionality creates a captivating harmony.**

This is a design you'll cherish and never wish to alter. The imported pre-coated Dark Wood sheets on the walls exude sophistication and warmth, creating a welcoming ambiance.

# MAYFAIR PORTICO

Berlin Prime



## MAYFAIR PORTICO

Berlin Prime

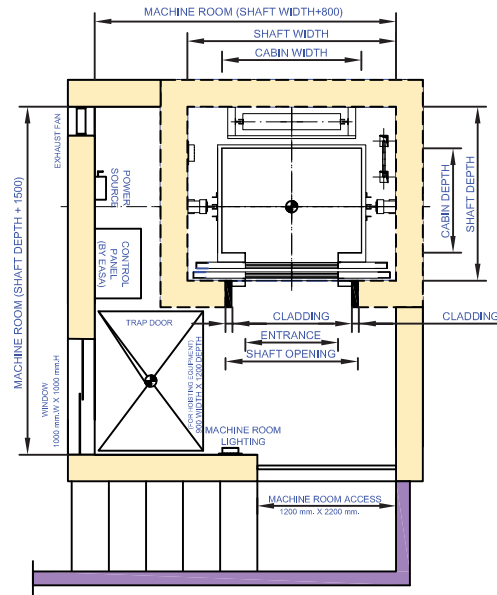
- Side Panels** Horizontal Panels Stainless Steel with Rose Mirror Strips
- Rear Panel** Horizontal Panels Stainless Steel with SS Rose Mirror Strips
- Rear Panel** Top – Mirror
- Flooring** Arabescato High Density Tile
- Ceiling** SS Designer roof
- Lighting** 4 No LED Down Lights
- Push Button** Stainless Steel Hairline finish with round LED buttons

### Timeless elegance and classic design

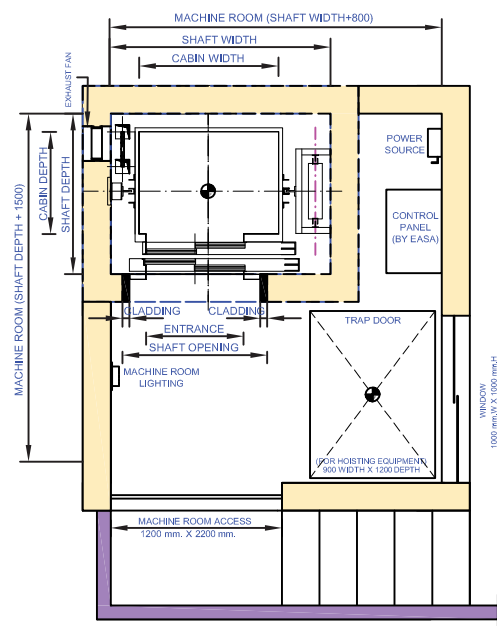
Stainless Steel Classic design, an embodiment of enduring style. Sleek panels, accentuated by delicate Rose Mirror Strips, adding a touch of sophistication and charm.

## Passenger Elevators (With Machine Room)

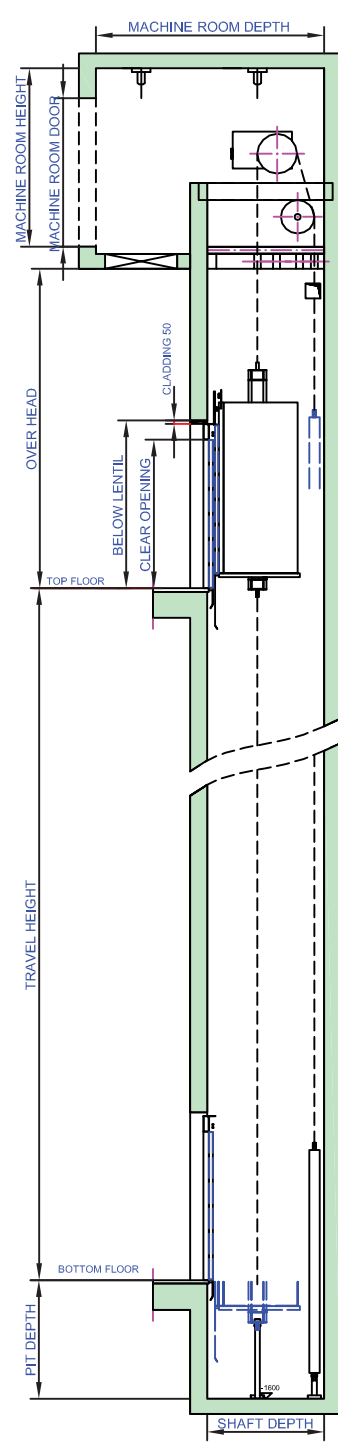
LIFT WELL & MACHINE ROOM PLAN  
(Center opening Doors)



(Telescopic Side Opening Doors)



LIFT WELL ELEVATION  
Side opening



CAPACITY		CAR INSIDE (Side Opening)		LIFT WELL (Side Opening)		CAR INSIDE (Center Opening)		LIFT WELL (Center Opening)		ENTRANCE	SHAFT OPENING
PERSONS	Kgs.	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	WIDTH
4	272	800	900	1400	1300	800	900	1600	1300	700	1040
5	340	1000	900	1600	1300	1000	900	1600	1300	700	1040
6	408	1000	1100	1600	1500	1000	1100	1800	1450	800	1140
		1100	1000	1700	1450	1100	1000	1800	1400	800	1140
7	476	1200	1050	1800	1500	1200	1050	1800	1450	800	1140
		1100	1300	1700	1700	1100	1300	1800	1650	800	1140
8	544	1200	1200	1800	1600	1200	1200	1800	1600	800	1140
		1200	1350	1800	1700	1200	1350	1800	1800	800	1140
9	612	1250	1300	1850	1700	1250	1300	1850	1750	800	1140
		1350	1350	1950	1850	1350	1350	2000	1800	900	1240
13	884	1400	1750	2050	2150	1400	1750	2200	2100	1000	1340
15	1020	1500	1800	2150	2200	1500	1800	2300	2150	1000	1340
16	1088	1500	1950	2150	2400	1500	1950	2300	2350	1000	1340

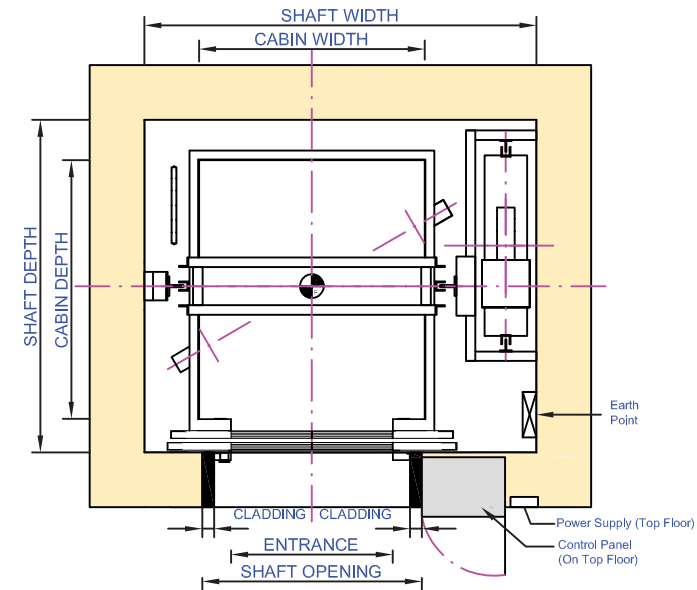
LIFT SPEED METERS/SEC.	PIT DEPTH	OVER HEAD (MINIMUM)	CLEAR(DOOR) OPENING	BELOW LENTIL FROM FINISHED FLOOR LEVEL
0,65 TO 1,0	1600	4300	2000	2260
1,25	1600	4500	2100	2360

**NOTE:**

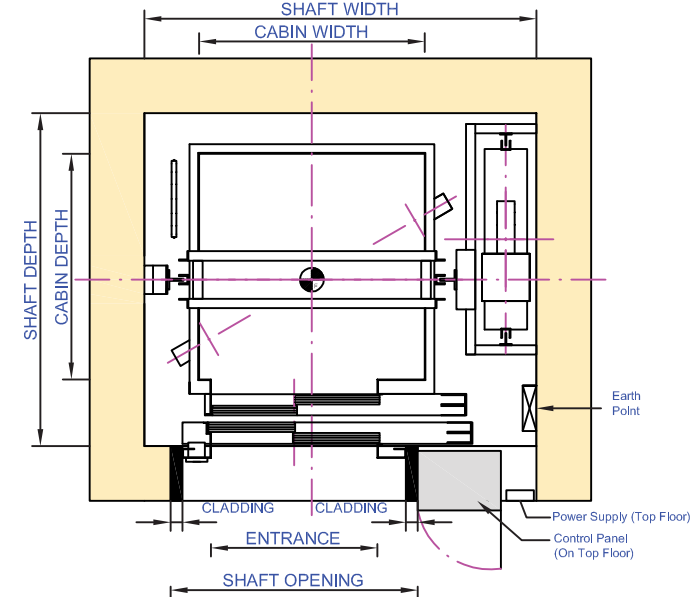
- All dimensions are in millimeters.
- All dimensions are for clear finished lift wells after plastering.
- All walls minimum 150 RCC or 230 brick (hoist way front wall 230 brick preferred).
- RCC machine room structural floor slab 150 thick designed to sustain minimum 1000 Kg./ M<sup>2</sup> UDL.
- Power supply 400 volts, 3 phase, 4 wires, 50 Hz and 230 volts 1 phase terminating in a MCCB/ELCB switch to be provided by clients.
- For specific requirements our local representative will be happy to work with you in a preparation of working drawings.

## Passenger Elevators (Machine Room Less)

LIFT WELL PLAN  
(Center opening Doors)



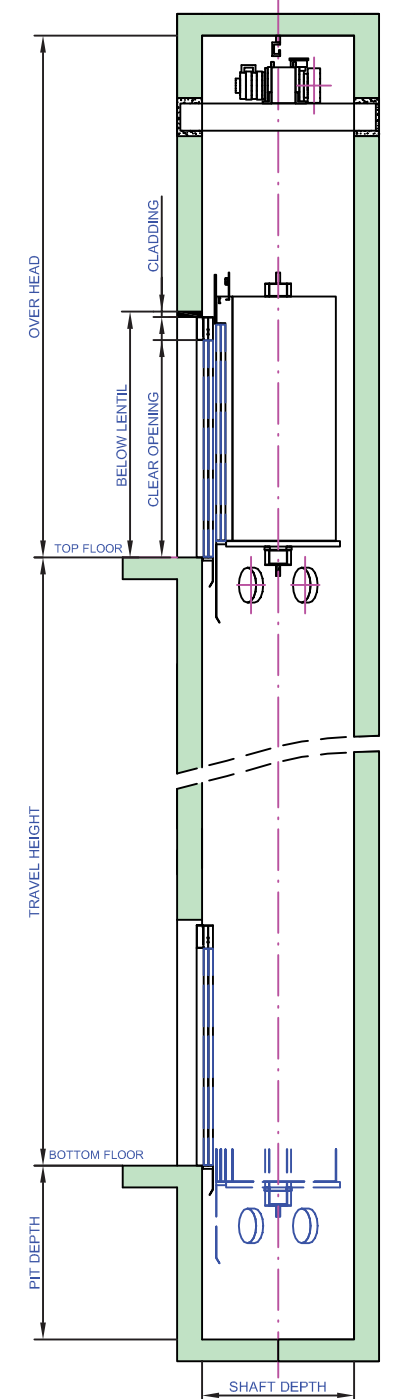
(Telescopic Side Opening Doors)



CAPACITY		CAR INSIDE (Side Opening)		LIFT WELL (Side Opening)		CAR INSIDE (Center Opening)		LIFT WELL (Center Opening)		ENTRANCE	SHAFT OPENING
PERSONS	Kgs.	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	DEPTH	WIDTH	WIDTH
4	272	800	900	1350	1400	800	900	1600	1400	700	1040
5	340	900	1000	1450	1400	1000	900	1600	1400	700	1040
6	408	1000	1100	1550	1500	1000	1100	1800	1500	800	1140
		1100	1000	1650	1450	1100	1000	1800	1450	800	1140
7	476	1200	1050	1800	1500	1200	1050	1800	1500	800	1140
		1100	1300	1700	1700	1100	1300	1800	1650	800	1140
8	544	1200	1200	1800	1600	1200	1200	1800	1550	800	1140
		1200	1350	1800	1800	1200	1350	1800	1750	800	1140
9	612	1250	1300	1850	1750	1250	1300	1850	1700	800	1140
		1350	1350	1900	1800	1350	1350	2000	1750	900	1240
13	884	1400	1750	2050	2150	1400	1750	2200	2100	1000	1340
15	1020	1500	1800	2250	2200	1500	1800	2300	2150	1000	1340
16	1088	1500	1950	2250	2400	1500	1950	2250	2350	1000	1340

LIFT SPEED METERS/SEC.	PIT DEPTH	OVER HEAD	CLEAR(DOOR) OPENING	BELOW LENTIL FROM FINISHED FLOOR LEVEL
0,7 TO 1,0	1600	4800	2000	2260
1,25	1600	5000	2100	2360

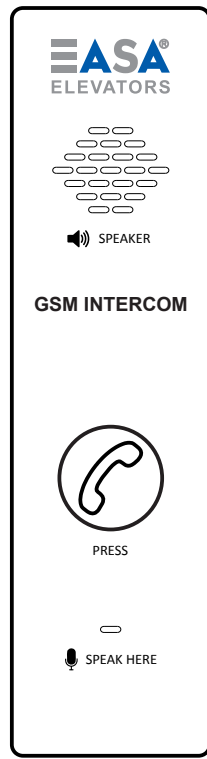
LIFT WELL ELEVATION



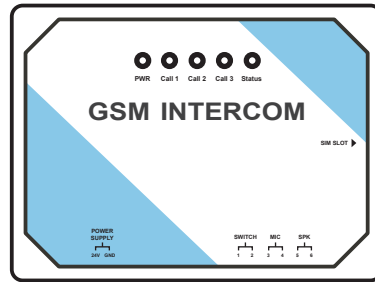
**NOTE:**

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- RCC machine room structural floor slab 150 thick designed to sustain minimum 1000 Kg./ M<sup>2</sup> UDL.
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## ELEVATOR EMERGENCY CALLING SYSTEM



### GSM INTERCOM



- a. GSM based through cellular/ mobile network
- b. Public wireline network
- c. 3 pre-fed number with 3-time redialling facility

## ACCESS CONTROL

For elevators is a security measure that regulates who can use elevators in a building or facility. It is commonly implemented, where there is a need to restrict elevator access to specific individuals or groups for reasons such as security, safety, or operational control. Here are some common methods and considerations for implementing access control for elevator in LOP & COP :-

RFID based access | Bi-matric based access

PIN Code based | Face reader based



RFID based Access



Bi-matric based access



PIN Code based



Face reader based

## CAR AND LANDING OPERATING PANELS

Feather Touch Based  
(Black, White, Ruby Red)



Surface Mounted Full Length  
(SS Hairline, Black Metallic, Gold, etc)



## UFO



## AUTOMATIC RE-LEVELLING DEVICE

in an elevator system is a safety and convenience feature designed to ensure that the elevator car is properly aligned with the floor when it stops. This technology helps maintain a consistent and level transition between the elevator cabin and the building floor, which is important for passenger comfort and accessibility

## VOICE ANNOUNCEMENTS

Elevators often provide voice announcements to inform passengers / users of the elevator's status, floor numbers, and emergency instructions.

