

Kamal Elevators Provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way from design, manufacturing and installation to maintenance and modernization. We help our customers in managing the smooth flow of people and goods throughout their buildings.

Our Commitment to customers is present in all Kamal Solutions. This makes us a reliable partner throughout life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible and we have a well deserved reputation.

Kamal Elevators have a wide network of expertise employee who are committed to their customers for the entire life cycle of its each and every product.

Kamal Elevators take the benefits of getting an Elevator one step further. Our elevator specialist can help realise the need of a certified home elevator in India, rather than just selling you an elevator, we go to great lengths in using our expertise to ensure you get the best value possible.



KAMAL ELEVATORS

We also deal in all kinds of Lifts

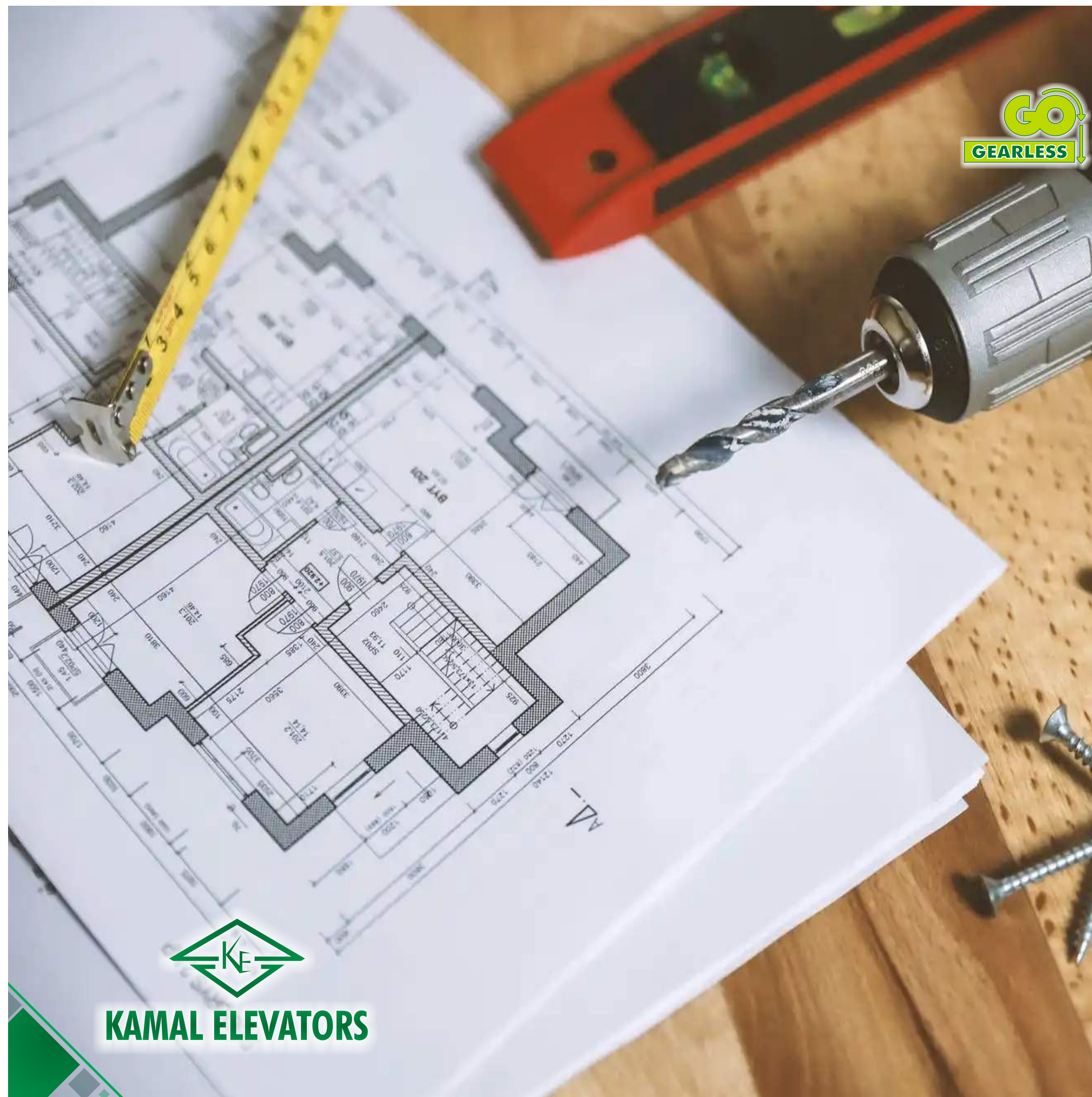
Residential Designer Lifts | Hospital Lifts | Hydraulic Lifts | Goods Lifts

19400, Bibi Wala Road, Near Kamal Dresses, Bathinda.

E-mail: elevatorskamalindia@gmail.com Mob. 86998-46228



KAMAL ELEVATORS



PLEASING DESIGNS IMPROVED SAFETY

Kamal elevators designs that bring a feel of freshness to residential buildings, making them attractive to residents and visitors. The range comes with feature, standard and optional, that make elevator rides safe and smooth.

- Colour option with dual finish
- Aesthetically designed pyramid inspired lighting with LED light option.
- Durable materials and accessories
- Full stainless steel can option

All elevator are equipped with Center opening power door with car door lock as a standard feature. Precise leveling and other options like Automatic Rescue Device ensure a high level of user safety.



KAMAL ELEVATORS



INTEGRATED CONTROLLER



ACCESSORIES THAT LEND A REFRESHING TOUCH



**Elevator Serial
Integrated Controller**



MAIN FEATURES

- Perfect integration of control and drive of elevator leads to compact structure, few wiring, high reliability, easy operation and cost efficiency.
- Double 32-bit MCU combines the elevator control and motor control.
- Redundant safety design, double safety protection for control and drive.
- CAN bus communication make the whole system easily fast & reliable.
- Support one main contractor solution.
- Support gear and gearless motor.
- Use PIM module, lower loss in switch on and off longer lifetime.
- Creative Zero-speed torque compensation technology provides the elevators with good starting ride quality without installing weighing devices.
- Close-loop vector brings higher performance in control.
- New PWM dead-zone compensation technology brings less energy loss.
- Dynamic PWM carrier modulation technology brings less motor noise.



MAINTENANCE PARTNER YOU CAN TRUST FOR LIFE

Preventive Kamal Maintenance solution ensure that the elevators performs to their optimum, at all time and all days. With a nation-wide service network and **24x7** service center, our technicians just round the corner

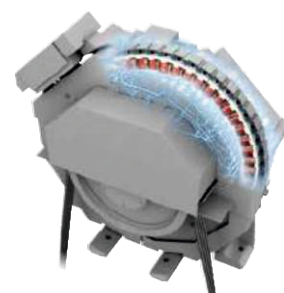
**We're from Kamal
We Take Care**





TRACTION MACHINE WITH PM MOTOR

The joint-lapped core built into the PM motor of the traction machine features flexible joints. The iron core acts like a hinge, which allows coils to be wound around the core more densely, resulting in improved motor efficiency and compactness. A high-density magnetic field is produced, enabling lower use of energy and resources and reduced CO2 emissions.



GEARLESS MOTOR

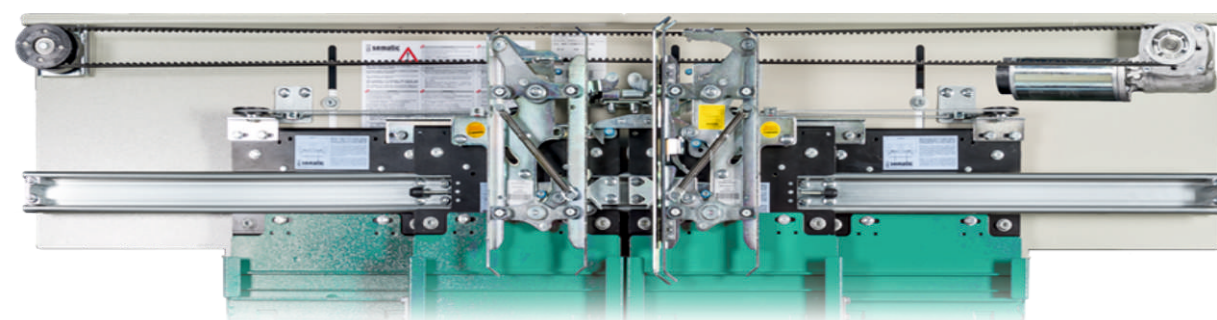


GEARED MOTOR



DOOR HEADERS

The direct-drive PM door motor and the VVVF inverter realize efficient door opening and closing.



LED LIGHTING

Used for ceiling lights, LEDs boost the overall energy performance of the building. Furthermore, a long service life eliminates the need for frequent lamp replacement.



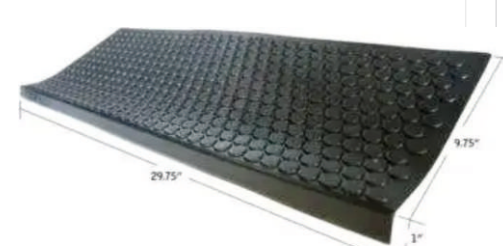
HANDRAILS & FLOORING



Round Handrail



Square Handrail



LAYOUT AND DIMENSIONS

VERTICAL SECTION

Counterweight on side (shown) or rear Single entrance (shown) or double entrance

THE KEYS TO SUCCESS

This mid-rise modernization package includes an integrated family of proven products, all of which are designed to deliver improved performance, reliability, sustainability, efficiency, safety and appearance.

Enhanced Performance

Controller

Improved Availability

Remote Monitoring

Energy Saving

Power Factor 1 Regenerative Drive/
Gearless Machine

Quiet

Suspension Traction Media

Reliable

Door Operator

Ultra-Responsive

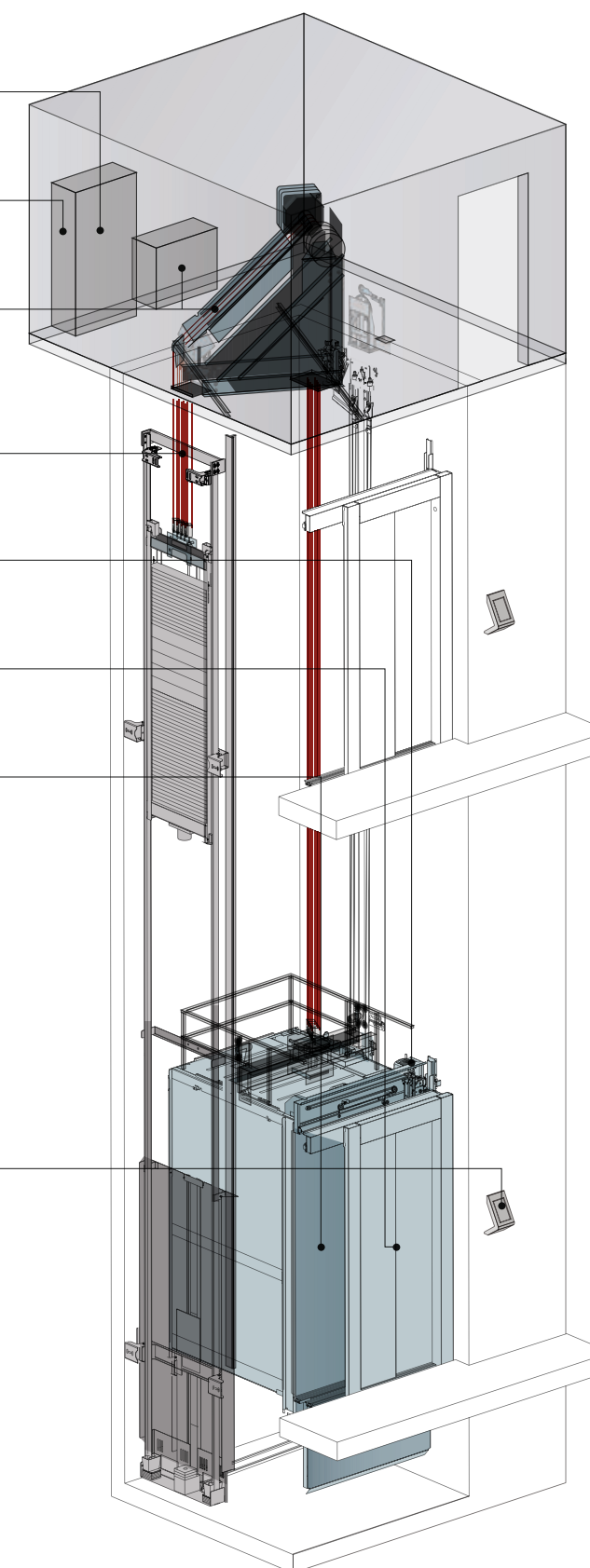
Progard L light curtain

Appealing

Car Aesthetic Upgrades

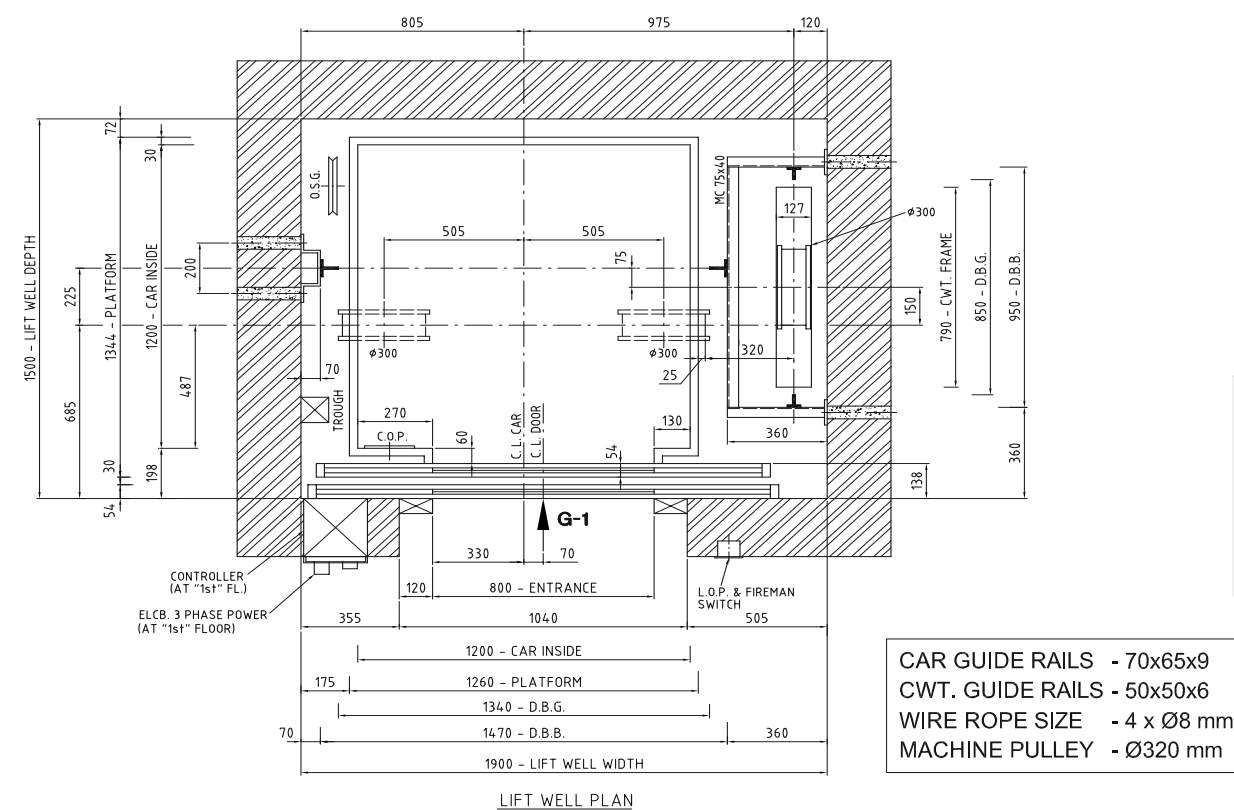
Efficient

Optional Destination Dispatching with
PORT Technology





GENERAL PURPOSE & HOSPITAL/SERVICE



SL. No.	No. of	Load	Car Width	Car Depth	Door	Shaft Width	Shaft Depth
	Persons	[kgs]	BB [mm]	DD [mm]	Opening	WW [mm]	WD [mm]
1	6	408	950	1150	700	1400	1550
2	6	408	1100	1000	700	1650	1475
3	8	544	1100	1300	700	1675	1600
4	10	680	1300	1350	800	1800	2000
5	13	884	1200	2000	900	1800	2500
6	15	1020	1300	2100	1000	1850	2500
7	20	1360	1600	2500	1000	2100	2800
8	20	1360	1800	2500	1200	2400	2800

Note

- All shaft measurements specified are taken over plaster
- Shaft dimensions are to be maintained to a tolerance of 0, +25mm
- For More details on minimum shaft sizes contact our sales team

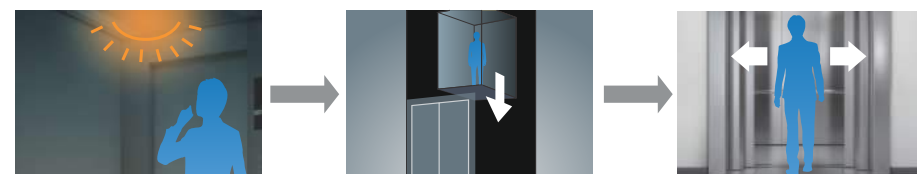


Providing a Safe Ride

Whether the user is elderly or a person with special needs, our elevators deliver every passenger to the destination floor safety and comfortably.

Emergency Landing Device

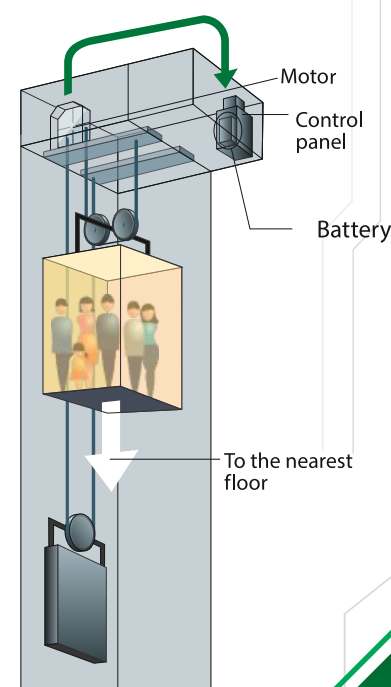
Upon power failure, the car automatically moves to the nearest floor using a rechargeable battery to facilitate the safe evacuation of passengers.



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graph TD
 1[1. Detects power supply failure] --> 2[2. Turns on emergency light]
 1 --> 3[3. Confirms safety]
 3 --> 4[4. Moves to the nearest floor]
 4 --> 5[5. The doors open]

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|        |                                             |   |        |                                                       |   |
|--------|---------------------------------------------|---|--------|-------------------------------------------------------|---|
| EBD A  | Emergency Battery Drive Automatic(ARD)      | S | ACL C  | Accurate releiving, automatic, closed door            | S |
| CEL    | Car Emergency Lighting                      | S | CCB    | Car call backwards                                    | S |
| FRD    | Fireman's Drive                             | S | OCL    | Operation of car light - automatic                    | S |
| COD    | Correction drive to next level              | S | OCV    | Operation of car ventillation - impulse and automatic | S |
| ABE M  | Alarm Bell                                  | S | ATS IN | Attendant service, India                              | O |
| ISE C  | Emergency Intercom car-Machine room-control | O | PAD C  | Parking at pre-defined floor, door closed             | O |
| DCB    | Door close button                           | S | BLF    | Bypass load function                                  | S |
| DOB    | Door open button                            | S | OLF C  | Overload function, constant indication/buzzer         | S |
| NUD NB | Nudging                                     | O | ACU    | Lift Announcer (LAS)                                  | O |
| SRC    | Curtain of light in car                     | S |        |                                                       |   |

**S** Standard      **O** Optional      Energy saving feature



## TYPES OF DOOR



## TYPES OF CABINS



**SS FULL VISION GLASS**  
(SIDE OPENING / CENTRE OPENING)



**SS HALF VISION GLASS**  
(SIDE OPENING / CENTRE OPENING)



**STAINLESS STEEL**  
(SIDE OPENING/CENTRE OPENING)



**POWDER COATED**



**GLASS CABIN**



**DESIGNER CABIN**  
(GOLD / ROSE GOLD)

