



PGEC Lift's
Be Safe With Us



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About Us

PGEC Lift's, a renowned name in offering solutions for vertical transport through its exciting range of products and services installed across Delhi NCR, including Noida, Gurgaon, Greater Noida and Punjab has an ambitious plan to expand pan India to emerge as an industry leader in vertical transport based on an array of its unique products Includes:

- **Passenger Lift**
- **Home Lift**
- **Hospital Lift**
- **Car /Automobile Lift**
- **Dumb Waiter Lift**
- **Capsule Lift**

While offering our lift range of services, PGEC Lift, and building management systems, we consistently aim towards remaining evolving on the way to becoming a leading brand in India in terms of quality. We intensely focus on satisfying our customers in every aspect including comfort, efficiency, and safety. Concern for the environment remains on top of our priority, realizing the dream of a sustainable society by using our advanced environmental technologies to offer safe and reliable products. We put our best foot forward to remain green in almost all our business activities. In our lift life cycle during each process, we try our best to reduce the environmental burden as least as possible.

Structures for Tomorrow

When the floor and carpet areas are not expanding horizontally, but the residential and commercial addresses at Indian urban centers are vertically rising up, and the trend with smart city vision is further boosting the skyline with skyscrapers, it is not the by-lane walking but the effective climbing of elevation that helps you to knock at your next-door neighbor.

In managing vertical transport that is largely shouldered by the elevator industry, rapid and safe commuting of people is of the utmost importance and priority and is one of the functional obligations performed by a Lift.

The lift industry, thus in the context of surrounding development, has adapted to it and extensively offers a complete range of evolving products that easily meet the technical, material & design requirements of the market.



Passenger Lifts

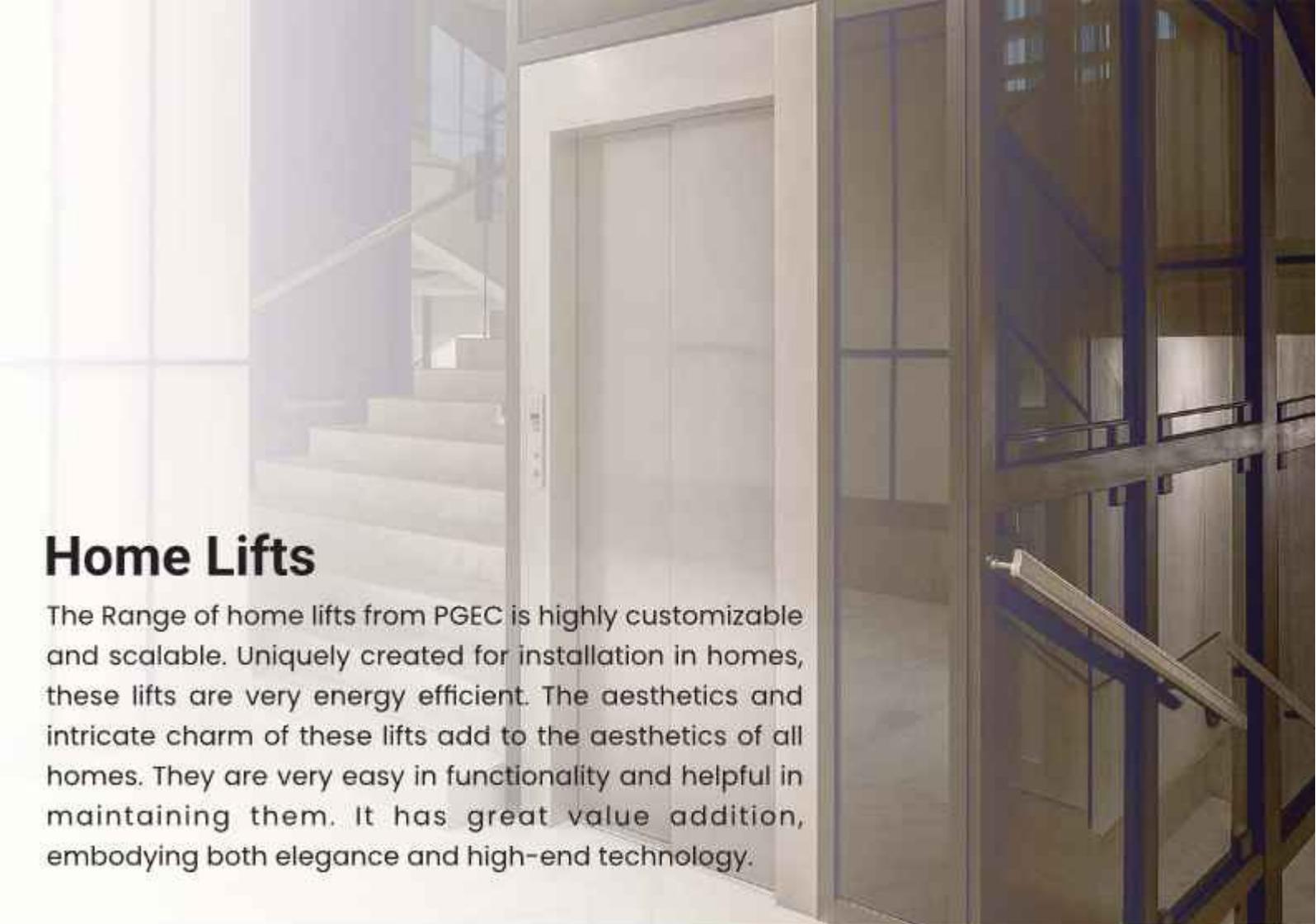
The PGEC automatic passenger lift has revolutionized the way vertical transportation has taken shape in modern times. It offers a seamless, comfortable, elegant, quick, and secure mode for vertical transport at high-rise buildings. Our Lifts are an excellent blend of state-of-the-art elevator technology mixed up with aesthetic appeal, entirely focusing on safety without any disturbance to the free motion of passengers. The PGEC Lifts offer an entire range of passenger capacities, speeds, and an array of functional features and interior layouts to choose from.

Standard Features

- Full Collective Control
- VVVF Drive for Door Operation
- Emergency Light
- Self Diagnosis of Breakdown
- Terminal Approach Slowdown for Safety
- Over speed Protection Device
- Automatic Levelling with Ground Floor on Power Restoration
- Terminal approach slowdown for safety
- Final Limit Protection
- Parking System
- Emergency Alarm
- VVVF Drive for Controller
- Home Landing
- Full Curtain Infrared Door Safety
- Floor Position and Direction Indicator in Car and Landing







Home Lifts

The Range of home lifts from PGEC is highly customizable and scalable. Uniquely created for installation in homes, these lifts are very energy efficient. The aesthetics and intricate charm of these lifts add to the aesthetics of all homes. They are very easy in functionality and helpful in maintaining them. It has great value addition, embodying both elegance and high-end technology.

Standard Features

- Capacity – 230 Kgs (Up to 3 Persons)
- Speed – 0.35 mph
- Maximum Stops – 3
- Shaft Size – 1550W * 1500D
- Car Size – 580W * 1100D * 2050H
- Min. OH – 2900 mm and Min. Pit – 500 mm
- Rope System with the L-shaped Car Frame
- Machine Room Less, VVVF Drive
- Installed with gearless machines, with a closed-loop system Option for a swing door
- High-quality mechanical components
- Custom-made cabin and interior
- Free job site survey and expert consultancy



Goods Lifts

PGEC's Good Lifts are the best example of efficient engineering for vertical transport in the industrial setup. It is built of the state-of-the-art components and technology to enjoy the load handling capacity in an enhanced manner. It is too customizable to the needs and freight of different industries. Goods Elevator can withstand the daily toils of vertical transportation of heavy loads with simplicity and ease.



Standard Features

- Down Collective Control
- VVVF Drive
- Emergency Light
- Self-Diagnosis of Breakdown
- Automatic Leveling with the Ground Floor on Power Restoration
- Floor Position and Direction Indicator in Car and Landings
- Terminal Approach Slowdown for Safety
- Final Limit Protection
- Lift Out-of-Order Display
- Attend Operation for Nonstop Destination Landing
- Direction Change Function in Attendant Mode
- Emergency Alarm
- Door Open Announcement System
- Intercom Facility
- Home Landing



Hospital Lifts

Hospital / Stretcher elevators range from PGEC and are primarily for moving stretchers with patients up and down in a hospital. The Harbor range is made to the comfort of ergonomic design and appropriate dimensions to adjust patients on stretchers or wheelchairs, critical medical equipment, and medical staff. Harbor is confirmed to have very high safety standards and offers ultra-smooth movement for passengers and patients.



Standard Features

- Over speed protection
- Full collective control
- VVVF drive
- Emergency Light
- Self Diagnosis of breakdown
- Automatic leveling with the ground floor on power restoration
- Floor position and direction indicator in car and Home Landing
- Terminal approach slow down for safety
- Final limit protection
- Attendant operation for non-stop landing
- Direction change function in the attendant mode
- Emergency alarm
- Full curtain infrared door safety (for automated elevator)



Car Lifts

The PGEC range of car lifts is an advanced machine designed with heavy-duty and durable components to meet various load capacities above two tonnes. These elevators offer enough adjusting space for passenger automobiles of different sizes and shapes to fit in and out of them with ease. PGEC lift can endure the daily pressure of vertical transportation of heavy automobiles with ease and precision.

Standard Features

- Down Collective
- Emergency Car Lighting
- Adjustable Door Opening and Closing Time
- Full Curtain Infrared Door Safety
- Floor Position and Direction Indicator in Car and Landings
- Up/Down Overrun and Final Limit Protection
- Self-Diagnosis of Breakdown
- VVVF Door Drive



Capsule Lifts

Capsule Lifts from PGEC act as an architectural attraction on prestigious buildings and heights. It is not wrong to term them as embellishments of a building as they enhance its beauty and bring life to the building. With PGEC Capsule lifts design, features, and other options provide the optimum travel comfort and leisure. They have aesthetically attractive interiors with large glass viewing panels.



Standard Features

- Digital Car Position Indicator on all Floors
- Full Voltage Protection
- Variable-Frequency Variable Voltage Drive for Controlling the Rotational Speed
- UP/DN Indicator on All Floors
- Car Ventilation and Light at All Floors
- Emergency Alarm Bell

Dumbwaiter Lifts

The Dumb Waiter lift from PGEC are formed with specially designed for the hospitality sector and industry. It has been extensively used in transporting food, crockery, cutlery, etc., vertically from the kitchen floor to different floors in the hotel. Complete attention has been paid to making these elevators extensively keep the hygiene requirements of the hotel. They are specially designed for the smooth movement of fragile and delicate articles crockery, etc.

Standard Features

- Load capacity between 50 to 250 kgs in increments of 50 kgs
- Standard speed of 0.25 m/s
- **Drive Unit:** Traction drive, high-quality reduction worm gear, coupled with motor and magnetic disc brake and hand wheel
- **Cabin:** SS / MS, centered suspension, guided on both sides, fitted with a removable shelf and without a door
- **Landing Door:** SS/MS Centre bi-parting vertical opening



Stair Lifts

It is a mechanical elevator device for lifting, especially elderly people up and down stairs. For sufficiently wide stairs, a rail is mounted to the treads of the stairs. A chair or lifting platform is attached to the rail. A person on the chair or platform is lifted in the chair which (The Chair) moves along the rail.

Standard Features

- Load capacity between 50 to 250 kgs in increments of 50 kgs Standard speed of 0.25 m/s
- **Drive Unit:** Traction drive, high-quality reduction worm gear, coupled with motor and magnetic disc brake and hand wheel.
- **Standard Speed:** 0.06 m/s to 0.15 m/s

The Inherent Part That in Unison Make Our Lifts Work, Excellently

Controller

PGEC has introduced its completely new state-of-the-art "Integrated Drive Controller" that is very easy to install at site. Based on "CAN-BUS" serial communication, it simply and seamlessly gets integrated with all the other parts of the lift. The new upgrade has made human intervention tasks such as Duplex Control, Group Control, Remote Monitoring, and Emergency Rescue to be very highly safe and reliable. With introduction of the new controller, cabling wires have been reduced effectively. Introducing better stability and best-in-class ride comfort with Integrated CAN Bus Serial" V3F Controller.



Motor-Gearless



Our Gearless Elevator Machine which is a PMSM (Permanent Magnet Synchronous Motor) works on the principle of rotation speed to be directly proportional to the frequency of the power supply. There doesn't exist any gear. Here, the rotor is get fixed to the traction sheave without connectivity between the stator and rotor.

PGEC are compact and light machines with excellent efficiency lacking gears without any noise for a smooth and seamless ride.

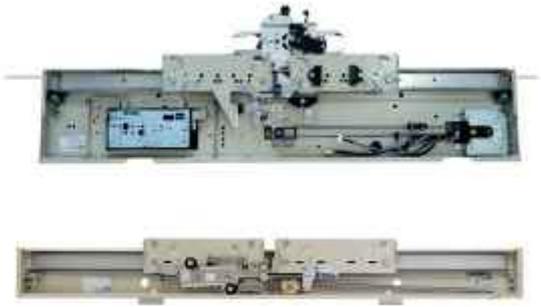
Motor-Geared

PGEC Machine is based at and is a traction type offered with an AC motor, electro-mechanical brake, heat treated alloy steel worm shaft, and others that are ideally fitted to a single base or bed plate. There, Taper roller bearings make certain of end thrust absorption and spherical roller bearings make sure of ensure sufficient traction while minimum rope wear and tear.



Door Header

Our door headers are constructed and based around the idea of offering full safety and functionality. Our door headers are manufactured with the best-tested raw material and cutting-edge technology. They are quite tested on well-defined parameters. Our offered headers are well recognized for superior finish and easy-to-fit attributes.



Over Speed Governor

According to the name suggested, it moderates the speed by using the brakes, whenever, the elevator speed go above the permitted limit. Security devices like this allow an elevator to work along the strong security norm, and safety standards are ensured.

Car Operating Panels

SS Push Button



Acrylic Push Button



Touch Glass



Hall Fixtures

SS Push Button



Acrylic Push Button



Touch Glass



Fall Ceiling Designs

FALSE CEILING PANEL

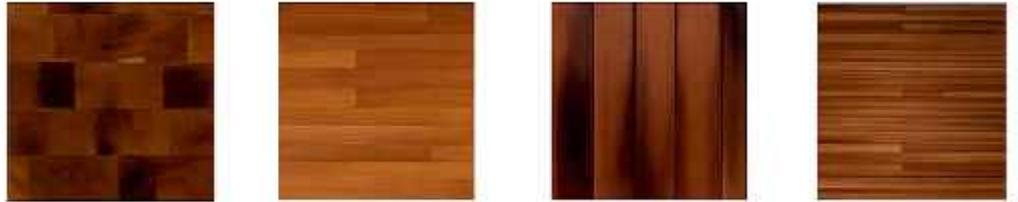


Flooring Textures

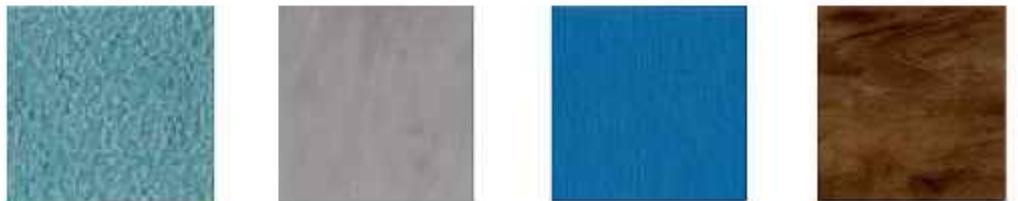
Granite Flooring



Wooden Flooring



PVC Flooring



Stone Flooring



Cabin Designs







Optional Safety Equipments

Lift Surveillance

The surveillance system is based around IR Closed Circuit Camera with Teknis DVR for storage and inspection on a later basis. Its unique features contain a Wireless and Wired System with a storage facility, whenever required.



Human Id

The Human ID offers multiple layers of security, merely from simple access control to highly restricted ones. A unique solution set of Biometric and magnetic card access systems make the PGEC HUMAN ID to be the most effective secure elevator security system, an ideal offer for residential buildings where security is known to be of the most paramount importance.



Intercom System

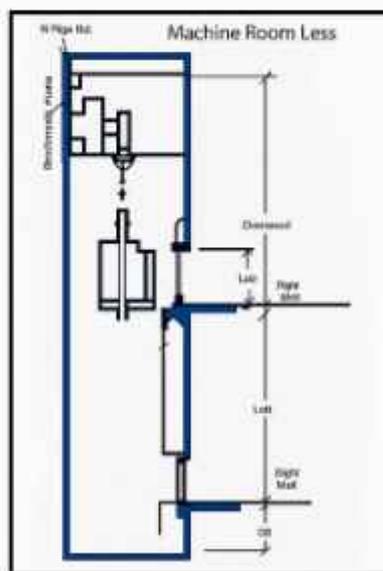
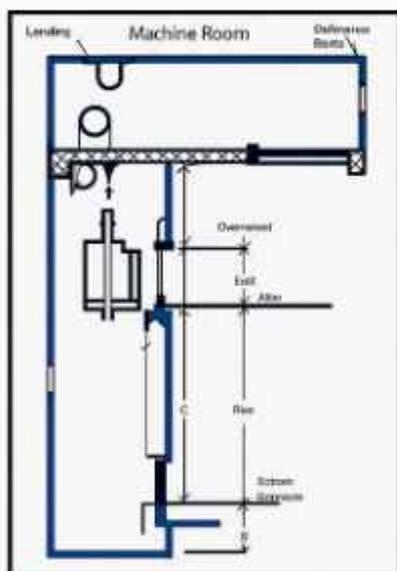
PGEC Intercom System is designed to provide seamless and secure communication within the premises. It facilitates clear two-way audio transmission between users, ensuring effective access control and visitor management.



Hand Rails



PASSENGER ELEVATOR



LOAD		CAR INSIDE		LIFT WELL		ENTRANCE	ENTRANCE	MACHINE ROOM		CENTER OPENING		TELESCOPIC/- SIDE	
PERSONS	KG.	WIDE	DEPTH	WIDE	DEPTH	E	F	WIDE	DEPTH	K	L	LIFT WALL	LIFT WALL
6	450	1100	850	1100	1400	800	800	1700	1500	1700	1500	1490	750
9	450	1100	850	1800	1800	800	800	2000	2600	2600	2600	1800	800
10	600	1700	1000	2700	2400	800	800	2400	2900	2800	2600	1800	800
16	600	1800	1700	2900	2800	800	800	2800	2800	2500	2500	1800	800
16	600	1500	1800	2900	2800	1000	1000	2800	2500	2500	2600	1600	800
20	800	1940	1800	2100	1500	2000	2000	2500	2000	2900	2500	1800	1800

Quality

Timely

Best Service

Safety First

Innovation

Relation

Idea

Environment
Safety

Brand

Trust

Technology

Concept

Loyalty

R&D

Perfection

PGEC INDIA LLP

"Proudly serving across Delhi, Haryana, Uttar Pradesh, Punjab, Chandigarh, Madhya Pradesh, Rajasthan, Uttarakhand, Himachal Pradesh, and Jammu & Kashmir."

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