

**GSTIN**  
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# WELCOME TO 4TIS ELEVATOR



**4TIS ELEVATOR & ESCALATORS  
WAS FOUNDED IN 2019. 4TIS IS A  
COMPANY SPECIALIZED IN R & D,**



## CONTACT US :



**+91-9599151165**



**+91-9891107809**



**E-1143 gali no 14 shri ram  
colony khajuri Delhi 110094**

**4TIS ELEVATOR &  
ESCALATORS**



# ABOUT 4TIS

## Elevator & Escalators

4tis elevator & Escalators was founded in 2019. 4tis is a company specialized in R & D, production and sales of vertical elevator moving walk. The products cover passenger lift, home lift, bed lift, goods lift, explosive proof lifts, construction hoists, moving walks.

Working closely with clients 4tis seeks to create the most competitive products and customized solutions for clients. From the most affordable models to our most luxurious, each of our 4tis elevators are made from the finest materials and engineered for safe and environmentally friendly.

With high quality products and good service, we always can gain good reputation and sincere trust from our customers.

### CONTACT INFO



#### Call Now

+91-9599151165 +91-9891107809



#### Email Now

4tiselevator2019@gmail.com  
shahbazsaifi100@gmail.com



#### Our Location

E-1143 gali no 14 shri ram colony  
khajuri Delhi 110094

#### More information

[www.4tiselevator.com](http://www.4tiselevator.com)





# *Director of* **4TIS ELEVATOR & ESCALATORS**



DIRECTOR :  
**MOHD SHAHBAZ**

**Mohd Shahbaz Saifi is Director of 4tis elevator & escalators with having work experience of 11 years in the Elevators & Escalators Market**

## **MORE INFO:**

+91-9599151165

+91-9891107809

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# 4TIS ELEVATOR & ESCALATORS SERVICE LIST

- Passenger Elevators ☒
- Hotel Elevators ☒
- Residential Elevator ☒
- Panoramic Elevator ☒
- Industrial Elevator ☒
- Hospital Elevator ☒
- Car Elevators ☒
- Commercial Elevator ☒
- FREIGHT LIFT ☒
- Residential lift ☒
- Structure lift ☒
- Capsule lift ☒

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# OUR VALUE & VISION

To be your first choice in designing, supplying, installing and maintaining the elevator

We are motivated with technological advances and are keen to supply quality material. We invest in progress and innovation.

4tis elevators & escalators believes in health and safety of our customers, employees and users. We motivate, support and Participate.



## Customer Commitment

Thanks to our qualified team, we are able to guarantee world class products and work in terms of "Ride Quality" today.

4tis elevators & escalators caters to individual needs of each customer in terms of installation, designs, cabin interior, type of doors and we also create customised products for each project with the best solutions.

### CONTACT INFO



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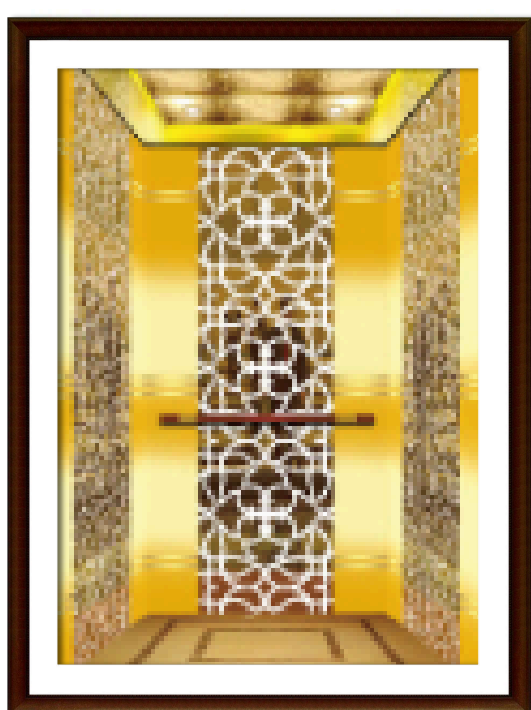
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# PASSENGER ELEVATOR

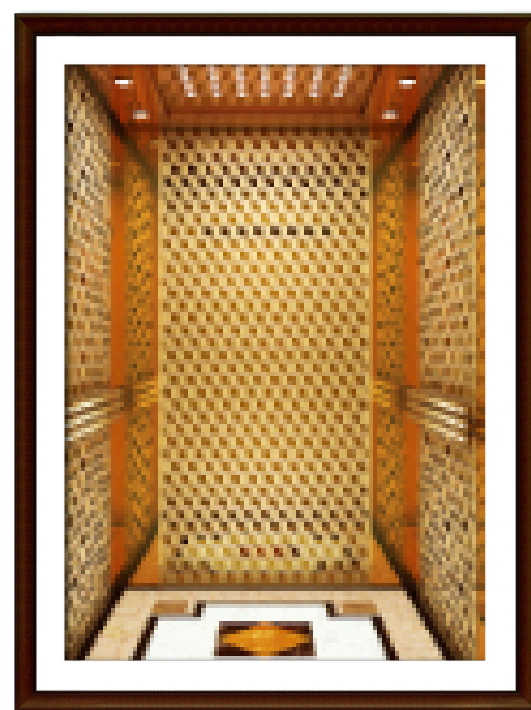
4tis passenger elevator runs through efficiency, energy saving, high-quality design. Extensive use of industry leading technology products, such as: permanent magnet synchronous (PM) gearless technology, dedicated VVVF (VVVF) speed control technology, energy feedback technology, computer data networks, distributed control technology, intelligent gate drive technology, artificial intelligence (AI) group control management technology, variable-speed elevator technology. Distinctive car decorating scheme, the new design a variety of large liquid crystal display control box and the landing call, elevator interiors and stylish atmosphere, harmonious integration of different architectural styles.



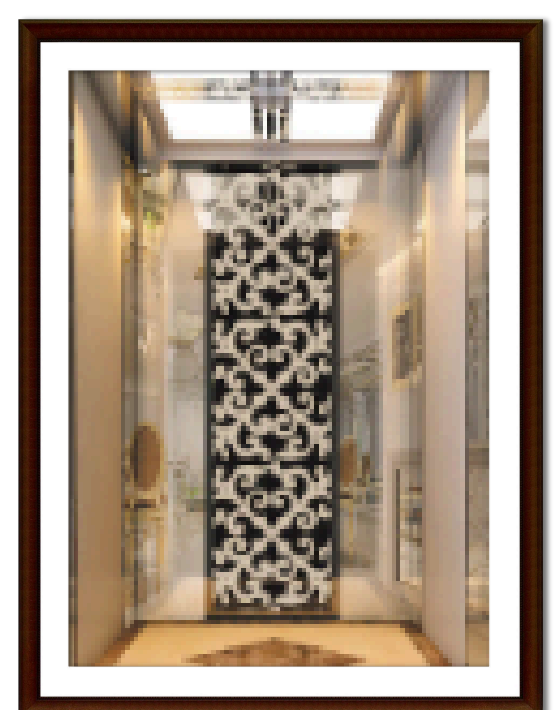
► SGM-P037



► SGM-P038



► SGM-P041



► SGM-P042

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+919891107809



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shahbazsaifi100@gmail.com



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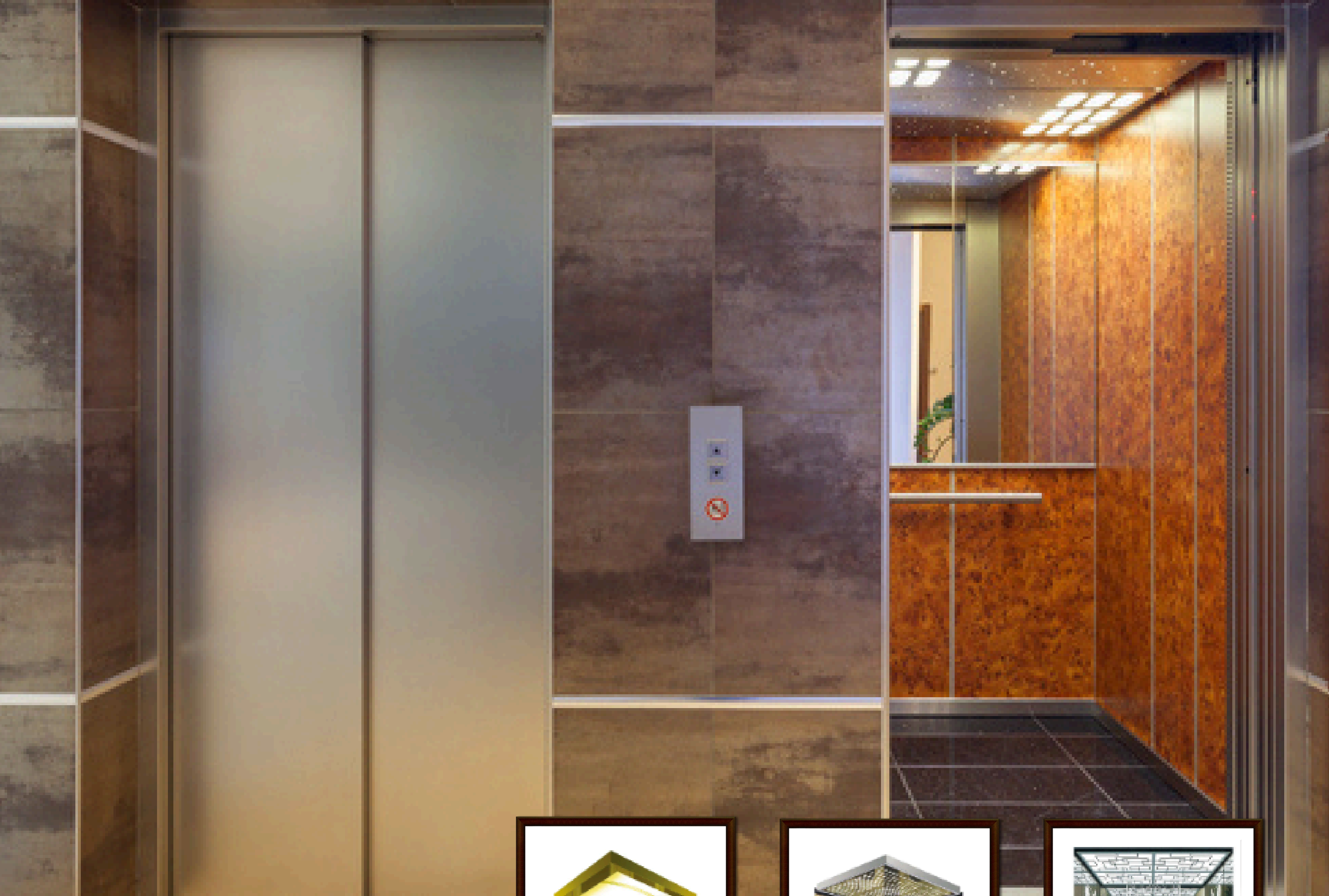
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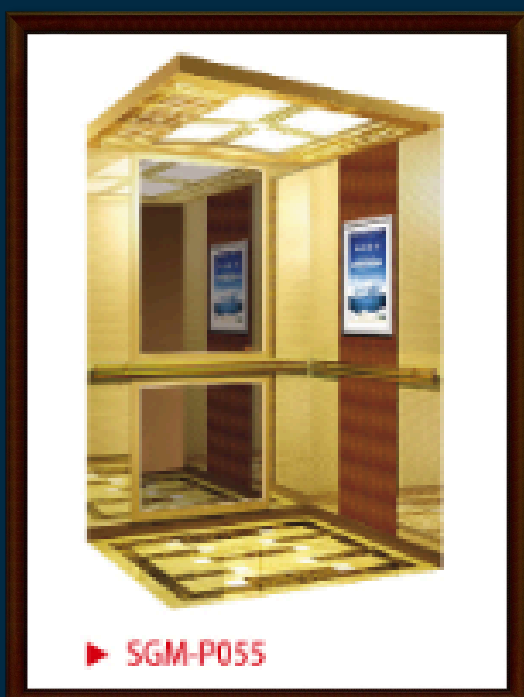
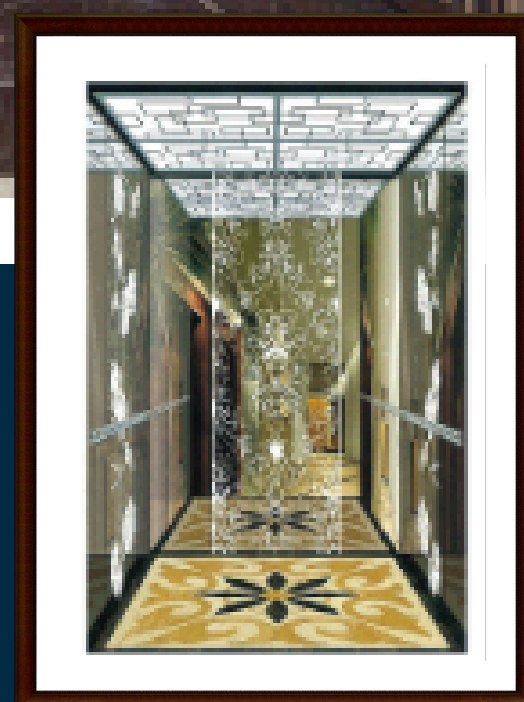
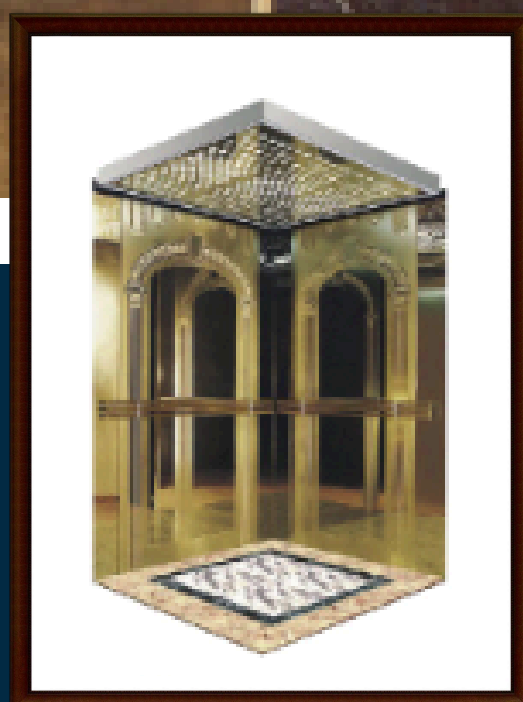
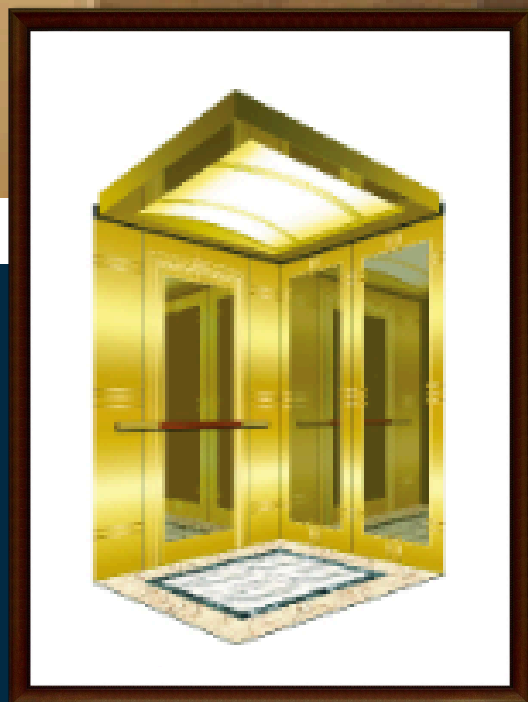
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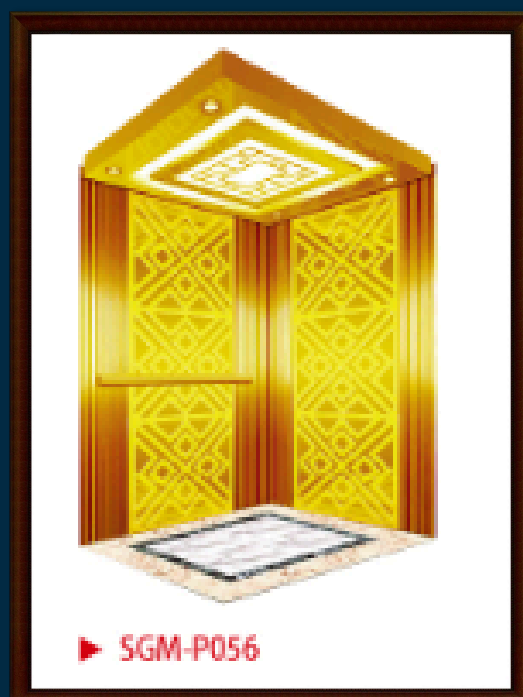




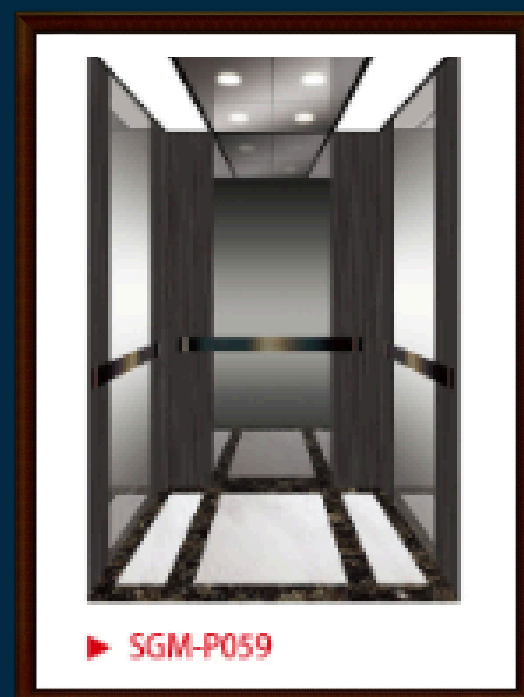
# PASSENGER ELEVATOR



► SGM-P055



► SGM-P056



► SGM-P059



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# CAPSULE ELEVATOR

4tis capsule elevator runs through efficiency, energy saving, high-quality design. Extensive use of industry-leading technology products, such as: permanent magnet synchronous (PM) gearless technology,dedicated VVVF (VVVF) speed control technology, energy feedback technology, computer data networks,distributed control technology, intelligent gate drive technology, artificial intelligence (AI) group control management technology, variable-speed elevator technology. Distinctive car decorating scheme,the new design a variety of large liquid crystal display control box and the landing call, elevator interiors and stylish atmosphere, harmonious integration of different architectural styles. And avail a variety of observation type cabins as per customer requests.

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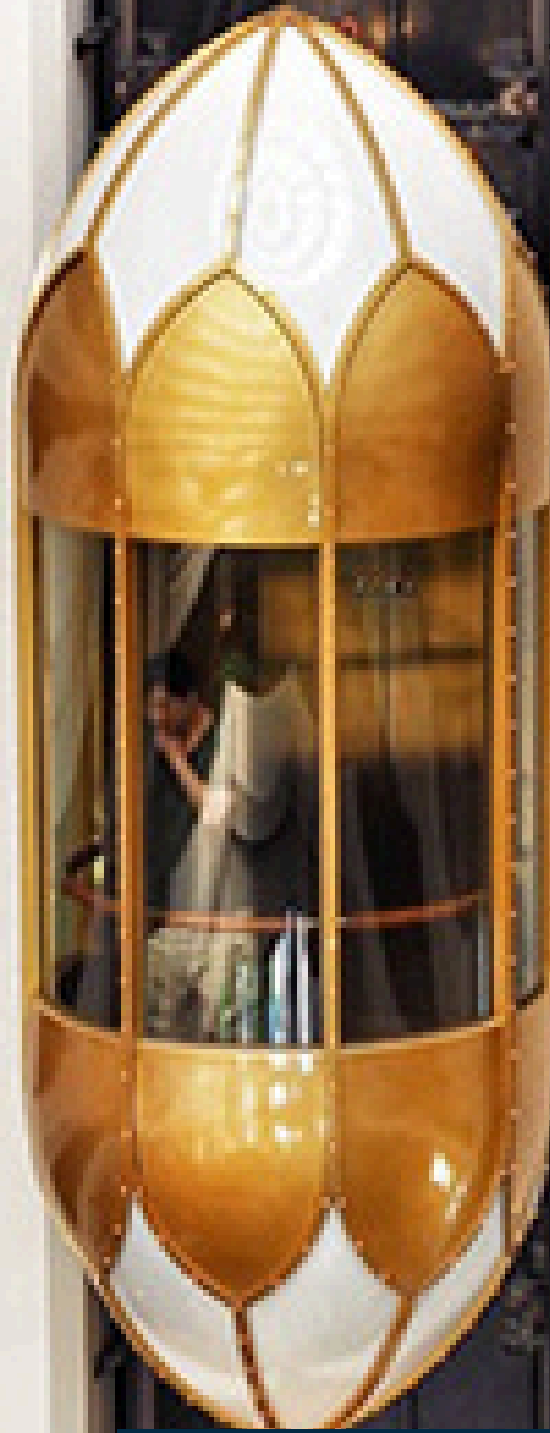
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khajuri Delhi 110094

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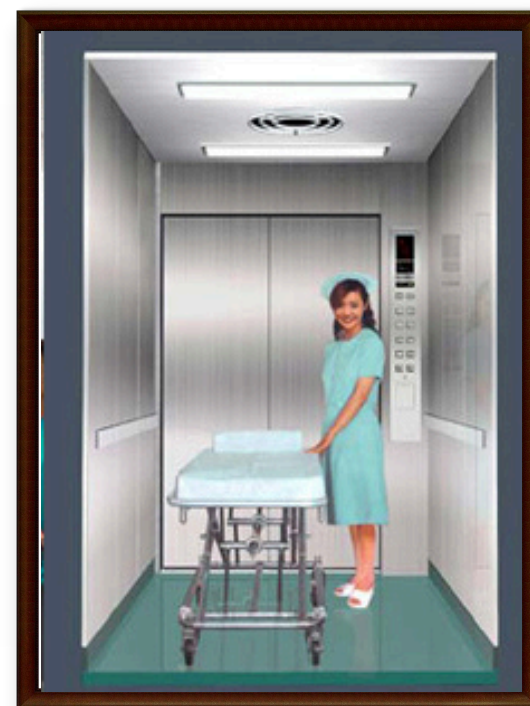
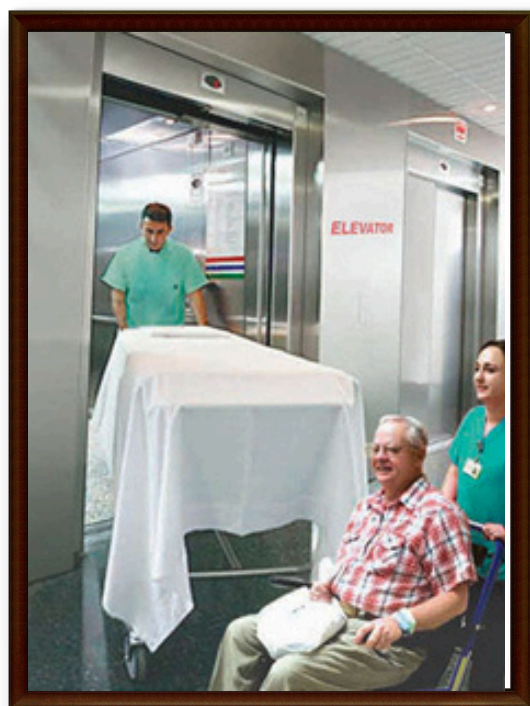


# HOSPITAL STRETCHER ELEVATORS



The Vertical transportation system for modern hospitals have special requirements such as spacious & durable car, smooth & comfortable travel, accurate stop with emergency control features and above all, reliability with safety. The car dimensions are as per the Indian Standard requirements for Hospital lifts.

We have proficiency in producing a broad range of stretcher lifts that can be fitted in a stretcher or medical component with no trouble. Main features of these lifts are used for hospital purpose, modified as per client specifications, the best possible performance, and smooth operation. These stretcher lifts are mostly employed in hospitals & nursing homes.



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*4tis elevator & Escalators*

# FREIGHT LIFT

The control system in these types of lifts is usually of the semi-automatic type, or is fully steering.

The lift-car is designed to withstand the heaviest load traffic.

Suitable protection at the entrance is given according to requirements. This ranges from swing type, 6 total gates and M. S. Channeling for Auto Doors. All safety gears, required under the Indian Factory Act, are provided in the lifts.

The recently introduced Two Speed telescopic type gates, working with electric door operators can also be provided.

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# LANDING DOOR



We always continually provide you with the most conscientious customer service, and the widest variety of designs and styles with finest materials. These efforts include the availability of customized designs with speed and dispatch for Landing Door Lift, Dummy Waiter Lift, Home Elevators, Villa Elevator, 2 Passenger Lift. We warmly welcome domestic and overseas customers send inquiry to us, we have 24 hours working team! Anytime anywhere we are still here to be your partner.

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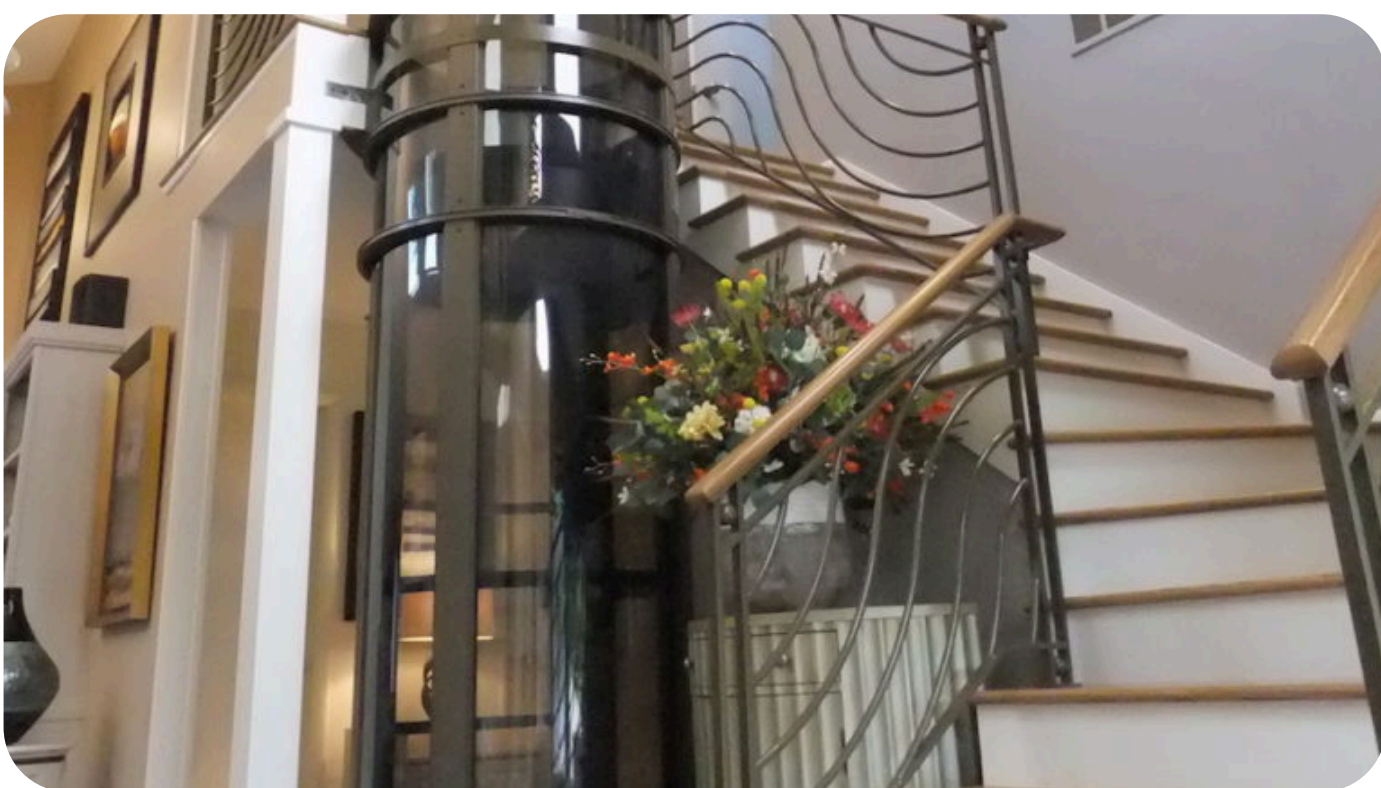






# RESIDENTIAL ELEVATOR

The various design styles of 4Tis home-use elevator make her a symbol of nobility and a mobile artwork on the building that embodies humanity while providing convenience for passengers.



## CONTACT INFO



+91-9599151165

+91-9891107809



**Email Now**

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# Commercial Elevator

These elevators are designed to transport both passengers and goods. These systems include elongated passenger cars and are most often found in employee-only areas of hospitals, hotels, shopping centres, apartment buildings and other commercial locations.



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# COP&LOP

*Lop means Landing Operating Panel which gives the command of landing calls and Cop means Cabin Operating Panel gives an indication for offering car calls.*



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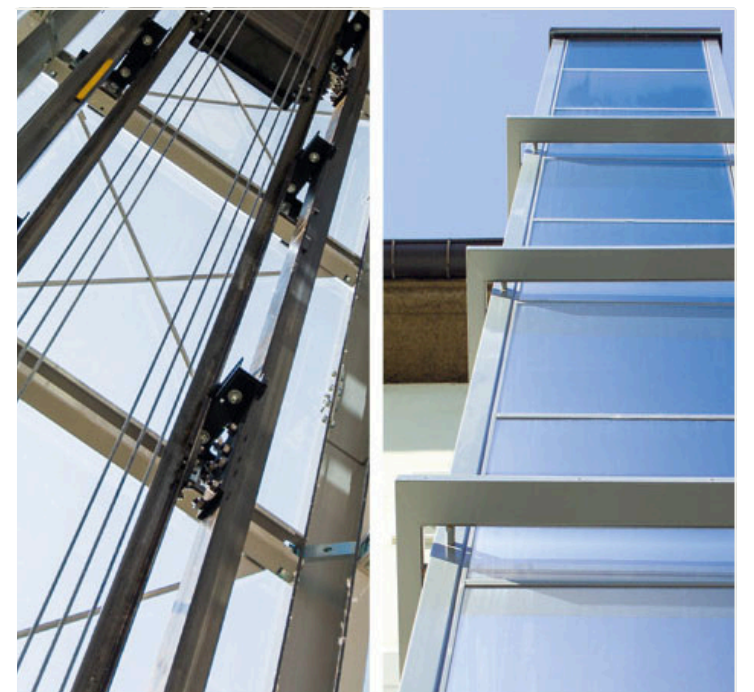
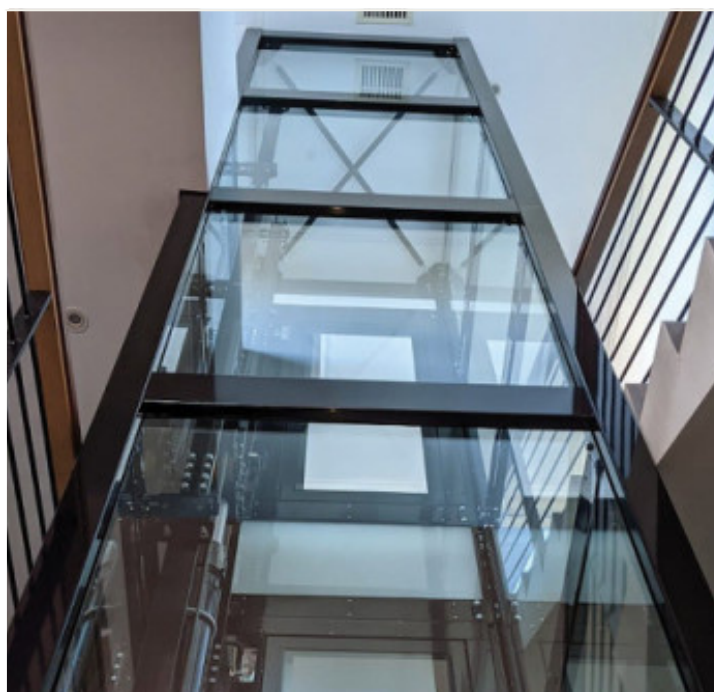


# 4TIS ELEVATOR STRUCTURE LIFT

Cabin/Car will automatically stop in case all the loading wires break away at any stag.

Electro Magnetic brake shall be provided in case of power failure at any stage and at fixed stop point.

4Tis focuses much attention on the doors that on goods lifts are expected to offer the maximum span possible to allow for easy loading and unloading of goods.



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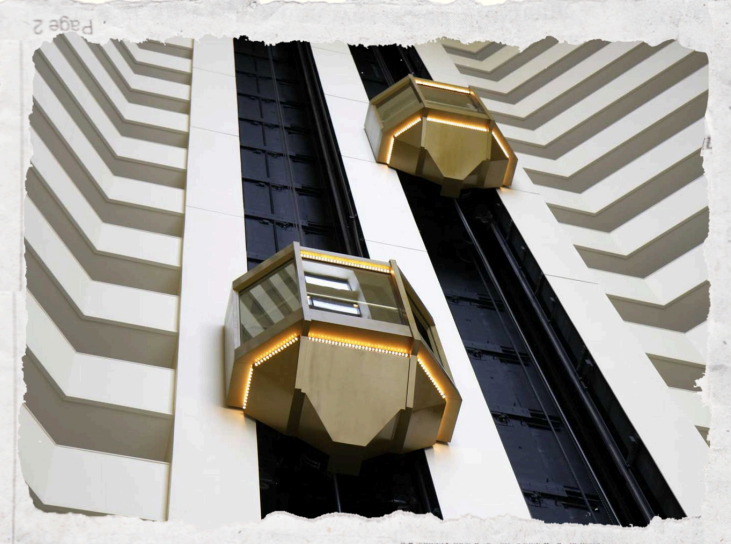




# HOTELS ELEVATORS

*When five-star ambience meets first class service*

*4Tis elevators and escalators are ideal for small hotels requiring an elevator for accessibility requirements to major high-rise facilities with complex mobility needs.*



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## DETAILS OF GEARLESS MACHINE

All kinds of products of 4tis adopt the advanced magnetic synchronized traction machine, the traction machine has advantages of environmental protection, energy - saving, free - maintenance, safe reliability and high efficiency, it has low vibration, low noise and perfect ride comfort. The traction machine can save 30%-60% of power consumption compared to classical gear machine.



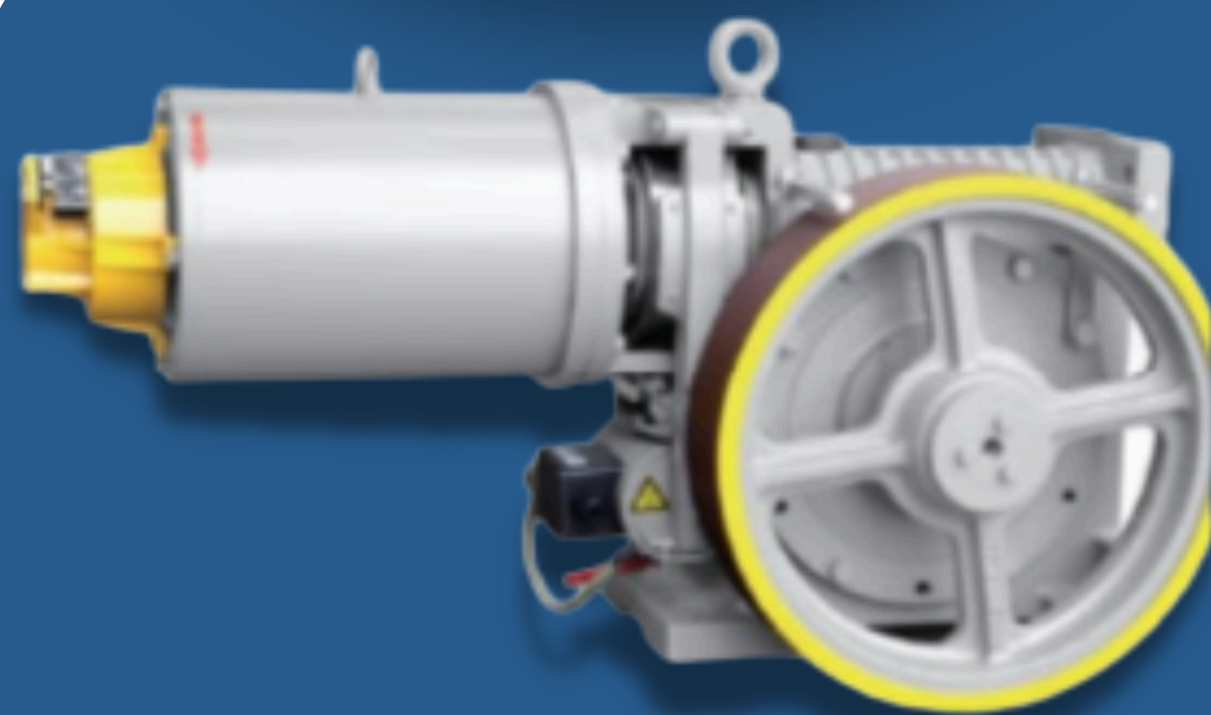
### GD10

**Maximum Full Loads Mass: 2800kg Brake Coils: 110VDC/1A Estimated Weight: 285kg Feature: Can be installed both horizontally and vertically Great for MRL application, remote manual brake release available**



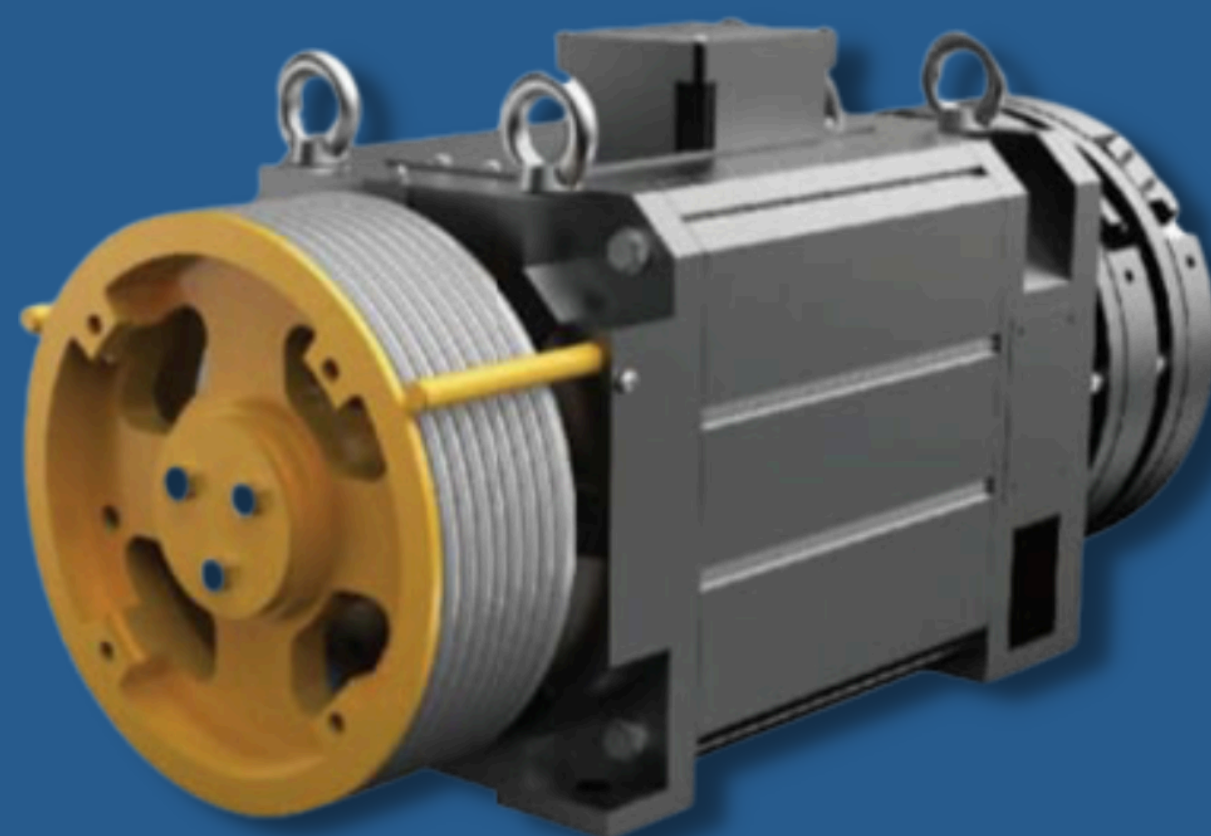
### 3.5D

**Max. axle load: 3500kg Motor weight: 365kg Working duty: S5-60%ED Ins. class: 155(F) Brake Type: ZZD1-550**



### 6C

**Max. axle load 6000kg Motor weight: 700kg Working duty S5-60%ED Ins. class 155(F) Brake type: QZD1-180**



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## FEATURES:-

- The elevator integrated drive and controller is designed with closed loop vector controller for higher performance.
- Zero-speed torque compensation system without load weighing device helps save cost.
- Dynamic PWM carrier modulation technology ensures reduced motor noise. •The elevator integrated drive and controller is suitable for both synchronous and asynchronous motor. Dual 32-bit embedded microprocessor.
- All Type of encoder is supported.
- This product is applicable for residential lift, goods lift, car lift, ramp elevator, Home Lift, Hospital Lift.
- This product Parallel and Serial communication both option available. • Redundancy control through Multi-CPU's, equipped with CAN Bus, Mod Bus and GSM Communication Technology.
- Based on displacement calculation methods derive N velocity profile to achieve optimum direct-to-floor distance control
- Simple 4 wire serial communications to commission duplex group control Group control with less than 8 elevators is based on fuzzy logic control theory in-built real-time clock to facilitate time-sharing control and elevator management
- Flexible emergency backup power, 220Vac UPS power input makes emergency evacuation easy.
- Automatic identification operation between short-floors.
- Handheld Operation Tools: Mini Keypad, PDA, PC to facilitate easy commissioning.
- 60 fault codes to facilitate easy diagnostics.
- Power on reset run to group and floor is not required.
- Shaft position learning is standard.
- Direct-to-floor landing. Smooth ride comfort, optimal travel mean time. • Power on reset run is not needed
- Practical reliable power Failure auto rescue emergency operation using 220V. 1ph UPS/ARD
- Automatic identification operation between short-floors with different floor heights.
- Advance door opening and re Leveling using option card.
- 7 segment LED display for floor position indicator.
- Wide variety of door function control to meet different needs in freight lift doors requirement
- Parallel wiring control for all digital input and output.
- Optimum Exclusive function, quick easy start-up periods.
- Pre-factory default parameters setting facilitate zero parameter setting at site
- All inputs and outputs are user programmable
- Suitable for auto door as well as manual door.

## APPLICATIONS:-

- Simplex. Duplex. 3-8 Group control elevator.
- High Speed. Medium speed. Low speed.
- Superior elevator, passenger elevator, medical elevator, residential elevator. Disabled elevator etc.
- Elevator rated speed < 4.0 m/sec
- Floor level 1 Each CCB I Car Call Board can adopt up to max. 16 floors. Above 16 serial link additional CCB up to 64 floors and in parallel communication up to 16 floor and with extension board Up to 32 floors.



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# SPECIAL FOR WALL MOUNTING

## APPLICATIONS:-

- 8 Stop Down Collective and 6 Stop Collective Selective • With AD9007 24 Stop Down Collective and 16 Stop Collective Selective
- With AD9006 15 Stop Down Collective and 11 Stop Collective Selective.
- Operations: Regular V3 Down Collective V3F and Collective Selective V3F also suitable for Auto Door, Double Door(Two Side Opening)
- Duplex Operation using just two Wire communication no extra hardware require.
- Speed: Up to 2 m/sec.
- All system parameters can be adjusted by using 5 buttons and 4 Seven Segment placed on the card.
- Call Register LED and Call Push Button are on single wire. On board Seven Segment Display.
- Serial COP Card (AD\_CTB) attachment using CAN bus.
- All the Input and Output are Opto-isolated and available in both 12VDC and 24VDC.
- All the Input and Output are carrying LED indication on board. An error code are display on display.
- Each floor can be named by an alphanumeric character (LPE, EH, ba, 0,1,2,3...)
- 7-segment and signalization outputs are short-circuiting protected. In a short circuit case the concerned output is shut down until problem is removed.
- It also detect the landing lock short at particular floor.
- Also detect lock short in Auto Door. if Door not open within predefined time.
- Power down memory, in case of power fail it will reach at nearest floor instead of going to correction end.
- Only 15 cables are enough for system to work by using serial car connection (AD\_CTB). Which reduces labor and cable costs.
- Using this Up to 24 Stop Full Serial just 4 Wire Communication can be done easily.
- Same card can be used as Parallel as well as serial.
- PCBs are solder in Fully Automatic Pick & Place Robotic Machine. Which will remove all human error.
- 4 Digit Display on board make easier to program parameter and view an error code.
- Using CAN bus you can Program and Monitor the motherboard with External Graphical Program Tool

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# DOOR SYSTEM

Gate drive system with the permanent magnet synchronous motor drive and latest infinite variable speed inverter control technology is adopted. The best curve of shutter speed of the door can be achieved, and its operation with the xfeatures of energy saving. high efficient, reliable and simple operation can fully satisfy the demand for the modern people to seek for the energy-efficient products in the way to be used easily. Compact mechanical structure can be widely applied to different sites such as residential buildings, commercial buildings, hotels and other places different requirements.

## Elevator Car Door

- Net width to open the door (OP): 700mm-1200mm
- Structure of door knife: sync door knife / asynchronous door knife / one piece anti-thief asynchronous door knife
- Instalation mode: straight beam installation / car top installation / column installation

## Elevator Project , Lift Designing

The technical details and projects which we receive are prepared in detail by our engineers and technical team and it is kept under control during all production to present you best service.

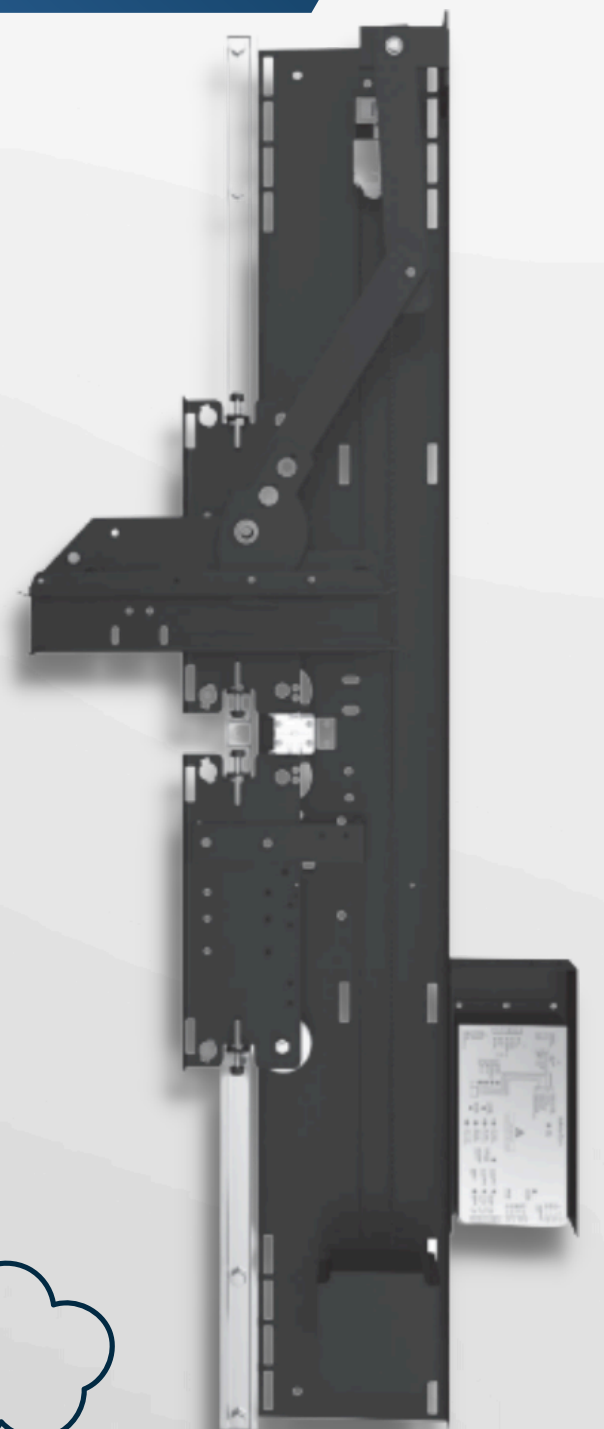
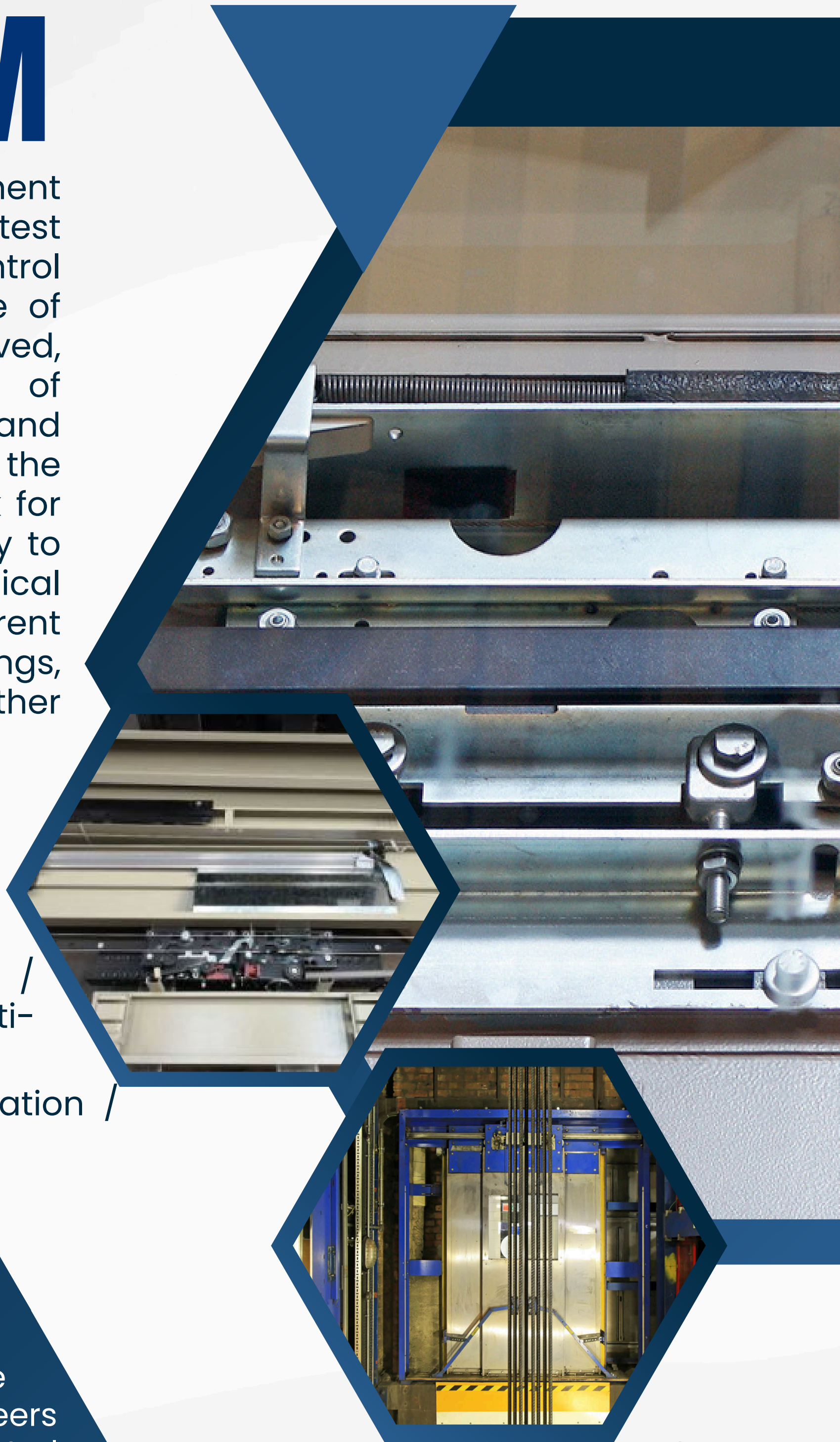
The elevator cabin, suspension, counter weight frame and components are projected as designing optimal elevator dimensions due to specialties our customer request and elevator hoist way, and then it is submitted for the approval of our customers. After our customers examine and confirm elevator cabin project, the project is incorporated into our production program which our engineers and technical team prepared. In the production process the cutting, bending, punching and laser procedures belonging to the elevator cabin and the components are completed.



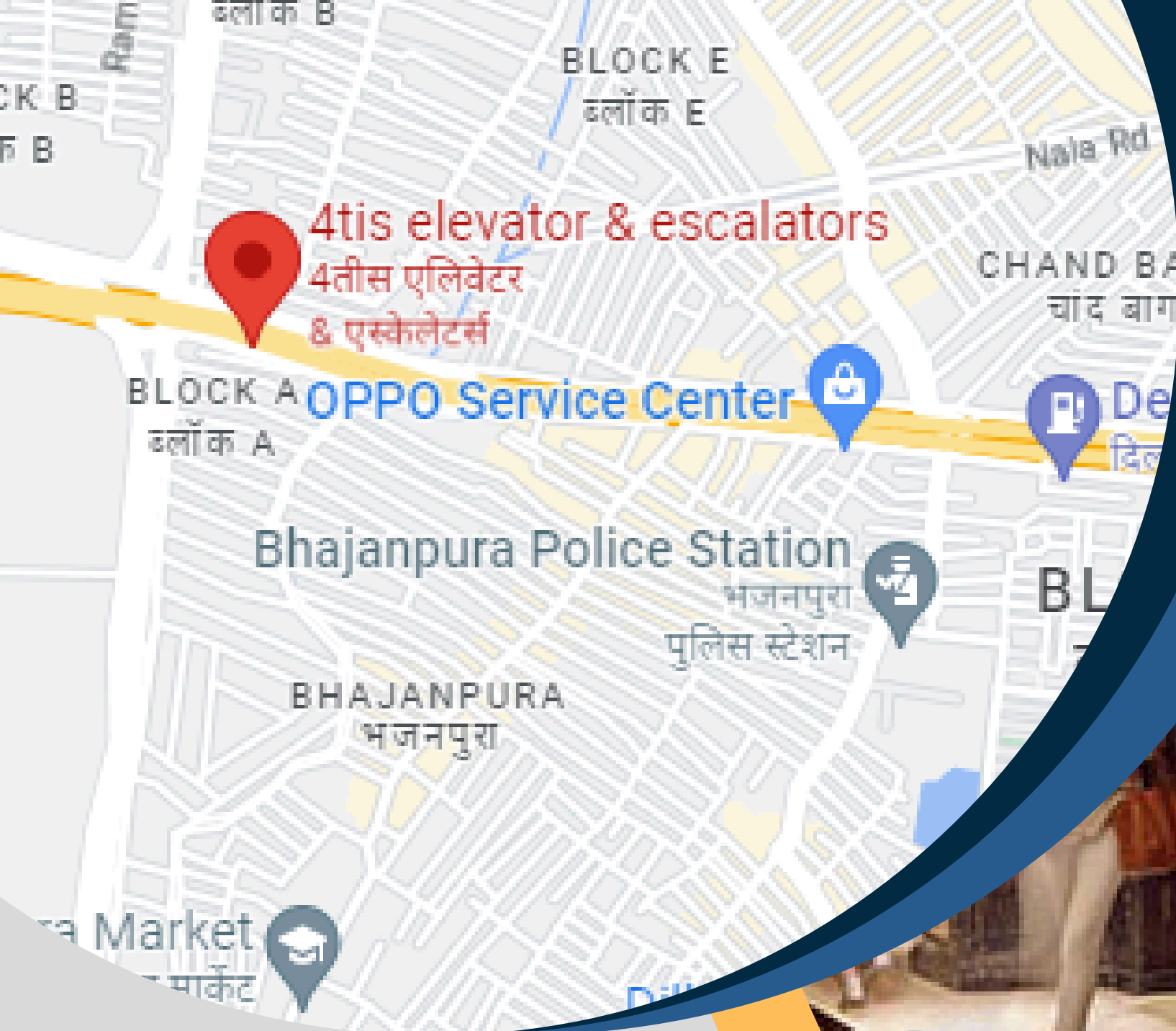
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**Branches :-** Gurgaon, Gwalior, uttarakhand, Himachal Pradesh,

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**EMAIL NOW**

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