

The Ultimate In
Vertical Transportation



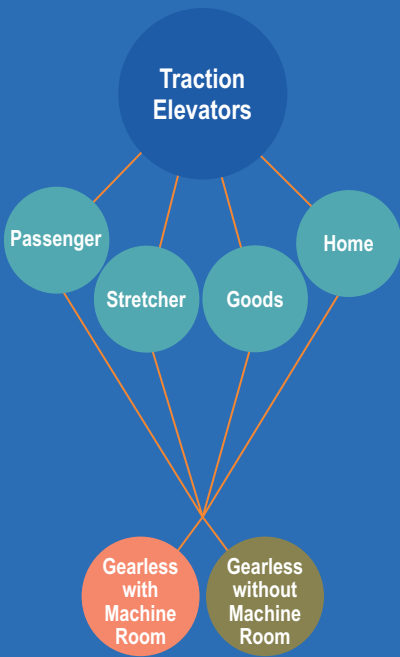
Installation, Repairing, Maintenance & Renovation of all kinds of Lifts



AXIS CONTROLS & ELEVATORS PVT. LTD.



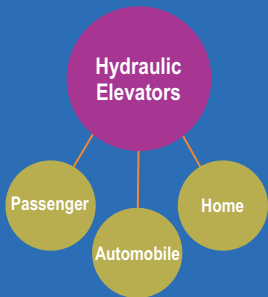
Axis Controls is one of the fastest growing companies in the vertical transportation industry. We believe in absorption of new technologies, innovations & strive for perfection by upgrading skills and knowledge through continuous learning process for safe & hassle free operations by providing proper, prompt & trouble free service.



Shri Chandan Kumar

Shri Chandan Kumar

For the last 16 years in Elevator Industry, the founder of Axis Controls, started his career way back in 2003. Shri Chandan Kumar used to undertake only maintenance contracts of elevators of different make since 1999. Since then his 'Axis Controls' has never had a holiday and hence erected and maintaining more than 200 elevators to date. He has achieved this due to continuous Customer Support, who always trust the quality & services. Shri Chandan Kumar is the man who made Axis Controls, a Company known for its Quality and Reliability.



Geared Traction Machines

- These are driven by AC electric motors.
- Geared Machines are coupled machines with AC electric motor, electromagnetic brake, worm reduction gear & friction sheave mounted on bed plate. These components are rested on machine room bottom slab by using rubber pads for noiseless and vibrations less operations.
- Normally installed in the machine room above the lift well.

Gearless Machine: The Better Technology.

- Considered as future technology in elevator industry also known as Permanent Magnet Synchronous Motors (PMSM).
- Compact size, lighter in weight, simplified construction hence easy to install and maintain.
- PMSM uses a rare earth material with high magnetic flux density.
- Higher mechanical torque, output power per volume. Better dynamic performance than electromagnetic excited motors.





Controller (IN HOUSE MANUFACTURING)

- Considered as the brain of Elevator system.
- Microprocessor Unit with latest Technology.
- Tested & proven system capable of handling various traffic conditions efficiently.
- These controllers are provided with variable frequency (V3F) Drive.
- Suitable for Manual & Automatic Door Operations.
- Programmable for various types of displays such as 7/14 segment, Dot Matrix, LCD & Touch Screen panels.
- Error Message Display Inbuilt in the system for quick & easy fault analysis, thereby reducing overall down time.

VVVF Drive:

Variable voltage frequency drive. (V3F Drive.) Speed of AC motors can be changed by varying the power supply frequency and voltage. An inverter provides the means to perform the said operation efficiently. Inverter basically changes a constant voltage constant frequency into variable voltage variable frequency power supply.

Salient Features:

- Smooth ride, better leveling accuracy and no starting and stopping jerks giving great travel comfort.
- Jerk free operation improves overall efficiency and life of elevator system increases.
- Power saving to the tune of 35-40% as compared to traditional machines.
- The starting current is low hence size and capacity of cable and main switches reduces.

ARD System (IN HOUSE MANUFACTURING)

Automatic Rescue device can also be termed as a life saving device. In the event of power failure, it brings the car to the nearest landing & halts with door open.

NEED: Manual Rescuing operations in case of power failure are time consuming and prone to heightened anxiety among trapped passengers due to low tolerance coefficient. The Rescue Operation needs to be done by trained technicians otherwise it may result in serious injuries both to the trapped passengers and the rescuer.

Salient Features:

- This system is entirely based on Automatic Operation which gets triggered within approximate time of 10 seconds after power failure detection.
- Inbuilt Direction selection feature resulting into quick rescue operation by going to the nearest floor and stands with doors open.
- Compact Device with batteries placed safely inside the system.
- All the operations are Automatic avoiding any Human intervention in rescue operation.

Infra Red Full Length Door Sensors:

These safety system provides a light curtain of infra-red beams operating between the lift car door panels. Any person or object breaking the beams will trigger the system and reopen the doors. The beam pattern will pick up even small objects between the car doors.

Salient Features:

- Designed for ultimate safety with help of 80 crisscross beam on car door offer protection upto full height as required by EN 81-70:2003.
- Detects any kind of contact/ object between the closing doors & reverses operation assuring complete safety of passengers/ objects.
- Highly Reliable & maintenance free. Easy to install.
- Diagnostic LEDs and time out software.
- Greatly reduces damage to the Lift doors adjustment & Movement.



PASSENGER ELEVATORS



Automatic Passenger Elevators

Axis Control's range of automatic passenger elevators employ advanced technology in vertical transportation. They provide comfortable, elegant, quick and safe mode for up and down people movement in high rises. They are an amazing blend of state-of-the-art elevator technology and aesthetic appeal. The customer can choose from our range of various passenger capacities, speed and an array of functional features and interior layouts.

Manual Passenger Elevators

Axis Control's range of manual elevators employ simplified mechanisms and technology to offer seamless and economic vertical transportation solutions. These elevators are cost effective and easy to maintain.



Home Elevators

Axis Control's range of Home Elevators are specially built for installation in homes these lifts are energy efficient and can operate on a simple single phase connection. The aesthetics and intricate beauty of these lifts augment the aura of homes. Easy to use and easy to maintain, it is a combination of both elegance and high end technology.

Centre Opening Door

Centre Opening Partial View

Automatic Telescopic Opening

Centre Opening Full View



Axis Controls offer a variety of entrances to meet your needs for aesthetics and functionality. Centre Openings and Telescopic Openings are available in several stainless steel and precoated finishes to add to the visual appeal of your lobby & hallways.

With us you can choose from a wide variety of colours and finishes to complement your architectural style. In fact you can create a custom look by mixing and matching the choices that are available to you.

Manual Swing Door

Manual Telescopic Door

Perforated Door

Collapsible Door



STATE-OF-THE-ART CABINS

Axis Control's Elevators offer a variety of cabins to meet your needs for aesthetics and functionality. With us you can choose from a wide variety of colours and finishes to complement your architectural style.



TYPES OF CABINS

Mild Steel Powder Coated Cabin

Stainless Steel Hairline Finish Cabin

Luxurious Stainless Steel Etched Design Finish Cabin

Panoramic / Capsule Type Cabin



HYDRAULIC

Structure: GMV can provide steel structures for indoor or outdoor use, with any possible finish (steel or glass, perfectly matching any new or existing building type). The technical structure specifications are calculated depending on each installation, in compliance with any national standard regulation.

Landing Doors: Door models available - power operated doors 2AT-2AO-3AT, hinged doors (car bus door and manual at landings), manual doors (without car door). Available finishes - Polimod, Plastic Laminate, Plastic coated sheet (Skinplate) Stainless Steel, Panoramic glass or RAL painted. Quick and easy to assemble and adjust.

1008 SL Jack: Maximum shaft optimization. Less fluid quantity used. Quick and easy to install thanks to its design.

Lift Car: Designed to fit into any furnishing type. Car wall panels available in Skinplate, Plastic Laminate or Stainless Steel. Several ornamental solutions are possible. Very robust floor and roof. Car lighting available with LED or Fluorescent Neon Tubes. Easy access to the shaft through a hatch in the car roof.

Flexible Hose: Designed with inner synthetic rubber coat, with one or two high resistance spirals. The outer layer of synthetic rubber provides excellent resistance.

Bio-degradable Ecological Fluid: It guarantees the best results and very high performances over the years. It betters the performance of the NGV valve. Best filtration with or without water. Excellent anticorrosion, antioxidant and anti-foam results. Very low freezing point.



Car Frame T509: Traction 2:1. Designed for any kind of building thanks to the reduced pit (150 mm) ideal to transport passengers in single family installations. It is supplied with a low pit safety device according to EN 81-41.

Lift Car Doors: Available door types - Power operated (2AT-2AO-3AT). Semi automatic (bus door in car and manual landing door). Without car door (with light curtain technology).

Control Panel: Easy to install, setting a work and maintenance with LED signal inputs and output indicators-LCD display. Roust pus-buttons. Diagnostic tool provided for installation, parameter settings, repair and maintenance, allowing to find code errors. Furthermore it supplies:

- Automatic re-leveling
- Emergency lowering device to main floor in case of black-out
- Constant pressure controller
- Car light timer

Control Panel E400: Cabinet of reduced dimensions (1.5m high), that can be located anywhere at home within radius of approximately 15 .

Power Unit HL DRY: Power unit located in a machine room or, thanks to its reduced size, anywhere to optimize he housing space. The power unit includes the NGV valve block, incorporating a double safety feature as a standard. Very high comfort and very low consumption thanks to its outer motor (DRY). It complies with the Machine Directive 2006/42/CE.

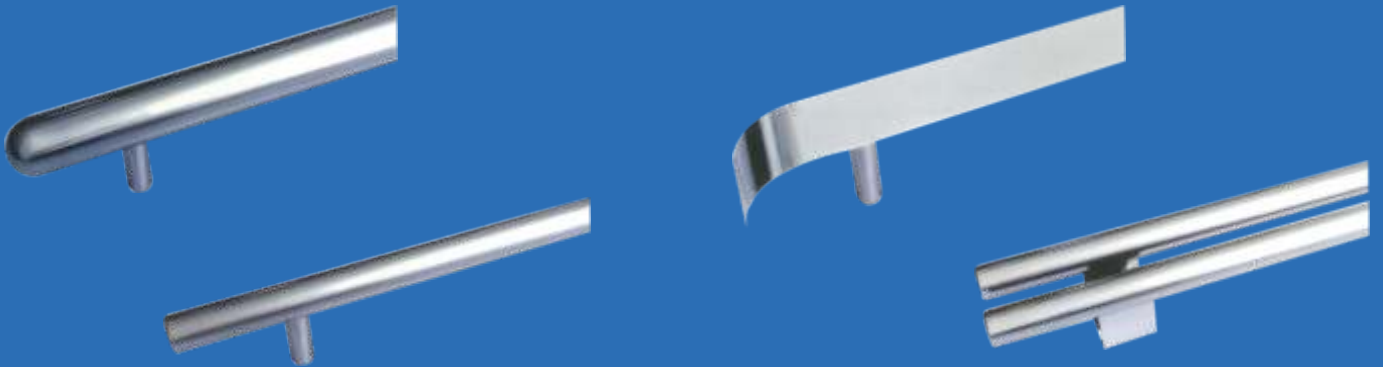
OUR RECENT PROJECTS



OPTIONAL PANELS



OPTIONAL HAND RAILS



OPTIONAL FLOORS





HOSPITAL ELEVATORS

Axis Control's Hospital / Bed Lifts are primarily for moving stretchers with patients up and down in a hospital. This range comes with ergonomic design and appropriate dimensions to accommodate patient's stretcher or wheelchair. They are designed in such a manner that patients will have smooth, jerk-less and safest travel. The capacity of hospital lift ranges from 10 passengers to 26 passengers.



GOODS ELEVATORS

Axis Controls range is another example of efficient engineering to meet the rough and tumble of moving heavy goods in industrial setups. State-of-the-art components and technology render enhanced load handling capacity. This offering is customizable and can suit different usage needs and freight types of different industries.

STACKER PARKING



Stackers are aimed to double the parking space above ground. Power Formers Elevators offer Stacker Parking in various sizes and capacities.

AUTOMOBILE ELEVATORS

Axis Control's range of Automobile Elevators is designed with heavy duty and durable components to meet various load capacities above two tonnes. These elevators provide sufficient maneuvering space for passenger automobiles of different sizes and shapes to drive in and out of them with ease.



DUMBWAITER



Axis Lifts range of Dumbwaiter Elevators is specially designed for the hospitality sector where it is used to transport food, crockery, cutlery etc. from mainly the kitchen to different floors in a hotel. It is designed to meet the requisite levels of hygiene and aesthetics required for the hospitality industry. These elevators are characterized by seamless and smooth movement which is apt for crockery and other fragile material. The various capacities offered can be customized according to the architectural setup.



AMC

We are one of the reliable and well known service providers for Elevators Maintenance. We offer our clients annual maintenance contract for all types of lifts. Our service Team consists of the highly skilled and experienced technicians. We provide AMC at very reasonable cost without compromising on the quality of services.

We undertake comprehensive and non comprehensive maintenance contract for Elevators. We focus on the Quality services to satisfy our customer and maintain long term relation with them.

OUR USP

- We are reasonable.
- We believe in giving quality services.
- Our team consists of experienced technicians & engineers.
- We assure you our best quality service and support.

MODIFICATION

Every elevator has a life cycle, even after the proper care & service, the lift has to be modified after some years. Elevators eventually need to be replaced or modified for the reduction in energy cost, for greater safety, its reliability and to be updated with the latest technology and designs.

We modify our clients elevators with the latest and updated techniques, technology, design and compact feature to ensure maximum safety, reduce energy cost, and to ensure maximum customer satisfaction.

OUR USP

- The modification work will consist of the latest technology and designs.
- After modification we ensure that there will be hardly any breakdown.
- Our modification team consist of highly skilled and experienced engineers and technicians.
- We modify lifts at very competitive price.
- We focus on giving the quality services.



Axis Controls & Elevators Pvt. Ltd.

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