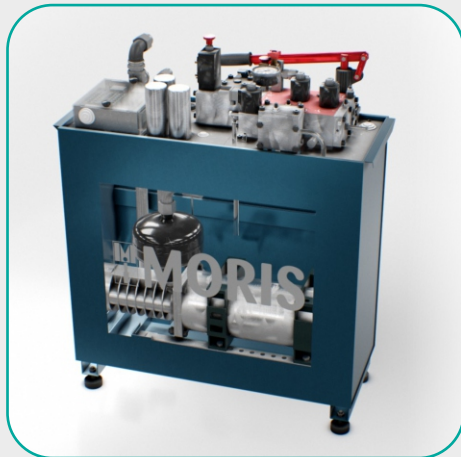


## HYDRAULIC KIT & LAYOUT



All the Hydraulic Units we use are imported from Italy. This Assures world class quality and reliability. The Hydraulic Unit Consumes power only during the up direction travel of the Elevator. During its travel in the down direction, the elevator consumes almost no Power. The Hydraulic units can be suited for various applications including Home Lifts, Passenger Lifts, Car Lifts or Goods Lifts.

Hydraulic units can be used for single phase as well as for three phase power supply. Single Phase Hydraulic units are used for Home lift applications. All Hydraulic units provided by us have manual lowering feature as well as manual raising feature. These features help to rescue passengers in case of power failure.



**NEXGEN<sup>TM</sup>**  
ELEVATORS PVT. LTD.

Address: Unit no. 338, Milan Mall, Near Milan Subway, Santacruz west, Mumbai-400054.

Email : [mail@nexgenelevators.com](mailto:mail@nexgenelevators.com) / [ashutosh@nexgenelevators.com](mailto:ashutosh@nexgenelevators.com)

Website: [www.nexgenelevators.com](http://www.nexgenelevators.com)

**NEXGEN<sup>TM</sup>**  
ELEVATORS PVT. LTD.

ISO 9001 : 2008 COMPANY



## ABOUT US

Nexgen Elevators is one of the upcoming company engaged into Installation, Modernization & Maintenance of Elevator. We provide Passenger Elevator, Car Elevator, Capsule Elevator (Internal & External with Structure), Home Elevator, Service Elevator, Goods/Freight Elevator, Dumbwaiter Elevator, Stretcher/ Hospital Elevators in Gearless, Traction & Hydraulic system.

Nexgen specializes in customized elevator as per the Client's requirement and Site feasibility. We have successfully installed a large number of Elevators at various Government & Private Organizations, Residential, Commercial establishment and Hospitals. We believe in constantly working hard to achieve the benchmarks for Quality Services in our Products and Services.

Nexgen Maintains & Modernizes Elevators of wide range of brands. We have Computerized complaint Registration & Traction system. We believe in providing prompt after sale and services and maintenance service.

Nexgen Elevators is a company having blend of professionals and technocrats. We have highly trained and competent teams of technicians and Engineers who constantly strive to fulfil the changing needs of our customers. We believe in continuous learning, up-gradation, innovation and perfection. We Value your relationship with us and assure you our best services at all times.

## PRODUCT RANGE

### Elevator

- ◆ Passenger Elevators,
- ◆ Car/ Automobile Elevators
- ◆ Capsule Elevators
- ◆ Home Elevators
- ◆ Hydraulic Elevators
- ◆ Dumbwaiter Elevators
- ◆ Stretcher/ Hospital Elevators
- ◆ Goods/ Freight Elevators

## AUTOMATIC RESCUE DEVICES (ARD)



The Automatic Rescue Device (ARD) is an Advance Rescue System used for rescuing the passengers from elevators in the event of power failure. Manual rescuing is time consuming and prone to high anxiety amongst the passenger. Attempt to manual rescue may also lead to injuries if done by untrained person. ARD with the help of battery power drives the elevator to the nearest landing floor and opens the door automatically to rescues the passenger. The elevator controller detects the nearest floor position to drive the elevator direction.

## GEARLESS MACHINE

The Gearless machine, which is powered by a permanent magnet synchronous motor (PMSM), represents the state of art in elevator technology especially for the machine roomless (MRL) segment. We use precision made high torque permanent magnet synchronous motor gearless traction machines. These machines are highly efficient and consumes less power as compared to geared machines.

As there is no reduction gearbox, the machine ensures high efficiency. These machine are sealed for lifetime and do not require oil change. These machine also provide a smooth ride for the passengers as there is low noise and vibrations as compared to a Geared machine. Most of the time the gearless machine is fitted with 2:1 roping which reduces the Kilowatt rating of the Machine required for carrying certain amount of load resulting in better efficiency. The machines save upto 30% of power as compared to geared machine Roomless application.

These machines are used for low as well as for high speed application. All high-rise, high speed elevators use gearless machines.

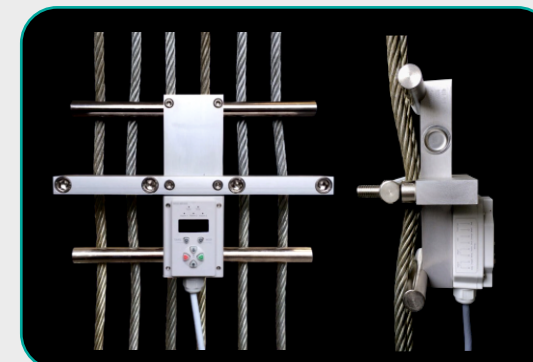


## GEARED TRACTION MACHINE



Geared Traction Machines are driven by AC 3-Phase electric motors. Geared machines use 'Worn Shaft Gears' to control mechanical movement of elevator cars by "Rolling" Steel hoist ropes over a drive sheave which is attached to a gearbox driven by a high speed motor. These machines are generally the best option for basement or overhead traction use for speeds up to 500ft/ min(2.5 m/s).

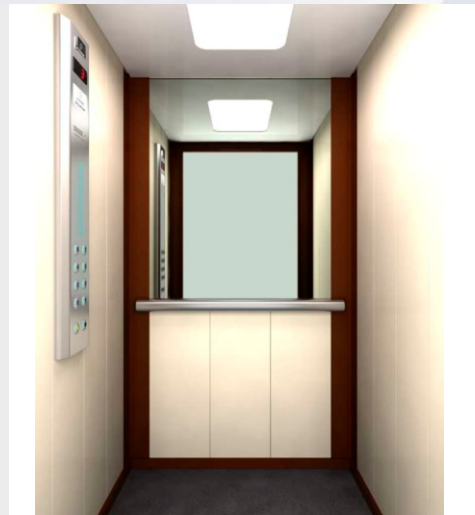
## OVERLOAD SENSORS



Overload Sensor can be installed in any Elevator to indicate the loading condition and provide a trip signal to the control circuit when lift cabin is overloaded. This also prevents deterioration of brakes. Installation is very easy and requires no dismantling of the lift assembly.



MS Cabin



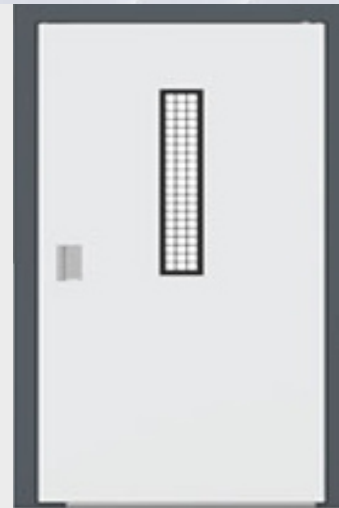
AUTO DOORS

Golden Doors

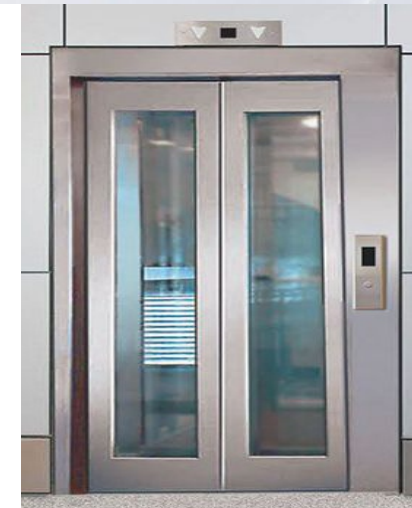


MANUAL DOORS

MS Doors



Glass Doors



SS Doors



SS Doors



MS Doors



Vertical Doors

Horizontal Doors

CABIN DESIGNS

Glass Cabin

Landing & Car Operating Panel

Golden Cabin

SS Cabin

Embossed Flooring

Vinyl Flooring

Wooden Flooring

FALSE CEILING

CABIN HANDRAILS

CABIN BLOWER