



# OPTIMA ELEVATOR

AN ISO 9001:2015 CERTIFIED COMPANY

## SERVICE OFFERS

- ➡ Passenger Elevators
- ➡ Hospital Lifts
- ➡ Goods Lifts
- ➡ Dumbwaiter Lifts
- ➡ DDA MRL Lifts
- ➡ Hydraulic Lifts



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# Why Optima Elevator ?

## About us

With over 5 year of this company, it prove its excellence work and make good relation with their valuable client. This company start with the vision of to make a brand in India as lift installation and service provider by the group of engineer and highly experienced manpower.

Optima Elevator set their own R & D department to make hassle free service to customer like getting NOC from any Govt. body or Lift License etc. Lift related all service under one roof.

## CERTIFICATION

Optima Elevator has getting all necessary certificate from Delhi Govt. to work in field of lift installation and maintenance, like Electrical contractor license, Electrical supervisor License, GST Certificate, MSME Certificate.

## World Class Trained Technician

Optima Elevator has team of profession and skilled employee who make you ride smoother and safer. all the technician gone through a world class training session, in which they learnt how to behave & work at site

## Safety is a choice you make

As our tag line say, you choose optima elevator , by default you choose safety. At any cost we never compromise with quality.

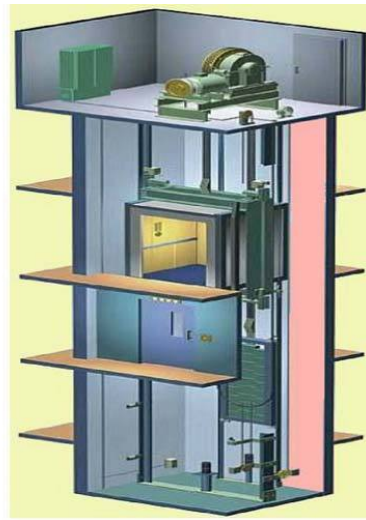
# PASSENGER LIFT

## PASSENGER LIFT

Optima elevator working with advance technology in vertical solution. It provide comfortable ride with safety. Passenger elevator is one of them. As name suggested it carry people from one floor to another floor.

### Machine Room Lift

In machine room lift, all necessary machinery in lift motor room. Lift motor room is room that houses the machinery and electrical controls that operate lifts. lift well shaft dimension are given in table (1.1)



Load		Car Inside		Lift Well		Entrance	Type of door
Persons	KG	Width	Depth	Width	Depth	Opening	
4	272	1100	700	1800	1100	700	Automatic
6	408	1100	1000	1800	1400	700	Automatic
8	544	1300	1100	2000	1550	800	Automatic
10	680	1300	1350	1900	2100	800	Automatic
13	884	2000	1100	2500	1900	900	Automatic
16	1088	2000	1300	2500	2100	1000	Automatic
20	1360	2000	1500	2500	2400	1000	Automatic
24	1632	2150	1650	1650	2500	2400	Automatic

Table No-01

### Machine Room Less Lift

The Minimum electricity required to drive rope elevator is available with machine-room-less elevators which have their traction machines and controllers made compact and install inside the hoistway to



# Machine Room Less Lift

To eliminate the need of machine room. This is greatly increased freedom to design building more effectively. Optima machine room less elevators continue to involve toward high functionality and compactness based on the concept of safety, pace of pace of mind, comfort and eco-friendly

## Benefit Of M.R.L Lift

1. Save Building space, as it does not require space for a machine room
2. Save building electricity up to 70%.
3. Uses no oil (thus eliminate the risk of fire)
4. Travel smoother than machine room elevator or any other elevator.



## Stretcher Lift

**S**tretcher lift is a lift that can accommodate a raised stretcher with a patient laying on it horizontally by providing a clear space not less than 1100mm wide x 2000mm long x 2200mm high above the floor level. it can be adjust as per suit condition. Optima Elevator uses advance technology in stretcher lift to run up nearest floor when power fails, by power back up system.



## OPTIMA GOODS LIFTS

Optima Goods Lifts are two types, one is counter weight type and other is cage hoist type, both types of lift are suitable for wall type canopy as well as supporting street structure.

### BALANCING TYPE GOODS LIFTS

The balancing weight type goods lift is having lifting machine with drive pulley, helical gear box, motor and break. The lifting machine is mounted at top in m/c room. The special arrangement is made considering heavy loading and continues operation. This is most efficient design in comparison to the arrangement of passenger lift used in goods lift by most of manufacturers.



### Dumbwaiter Type Goods Lift

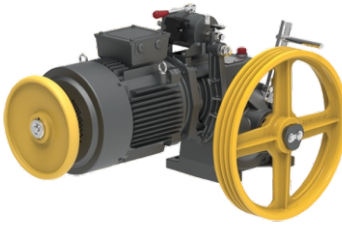


Dumb waiter are small elevators which are mainly used to carry various goods instead of people. They can be installed in various construction sites, restaurant, schools and warehouses. Their weight holding capacity generally varies from 45-450kg. but a special arrangement of machine design its capacity can increase up to 3.5 ton. The speed of dumbwaiter is around 0.25-0.50 meter per second.



# ELEVATOR COMPONENT

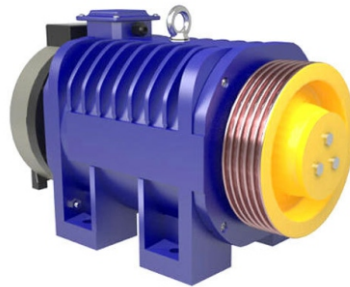
## MOTOR



GEARED



GEARED



GEAR-LESS

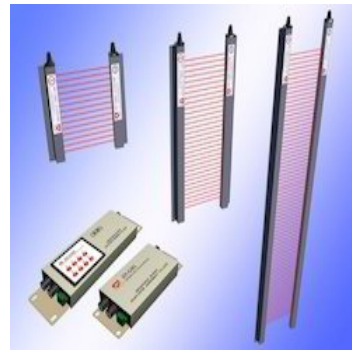
## SAFETY DEVICE AND COMPONENTS



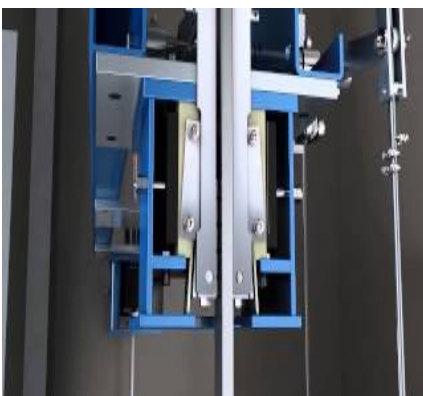
OSG



LIMIT SWITCH



DOOR SENSOR



SAFETY BLOCK

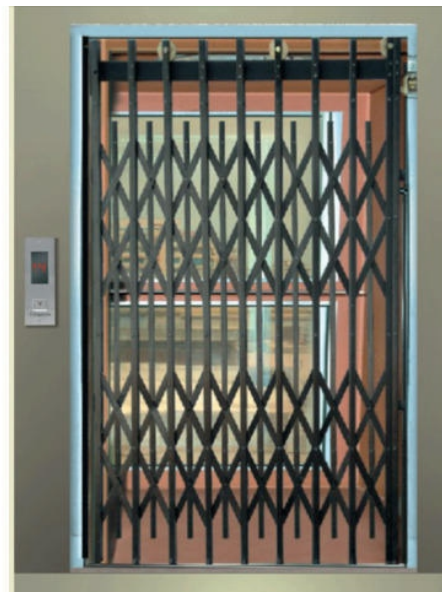
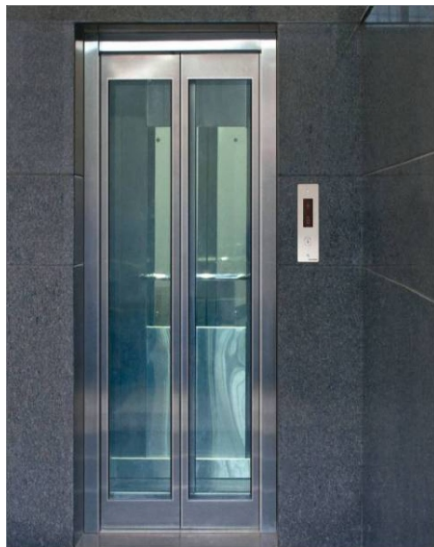


OVER LOAD SENSOR



UPS / ARD

# ELEVATOR DOOR TYPE

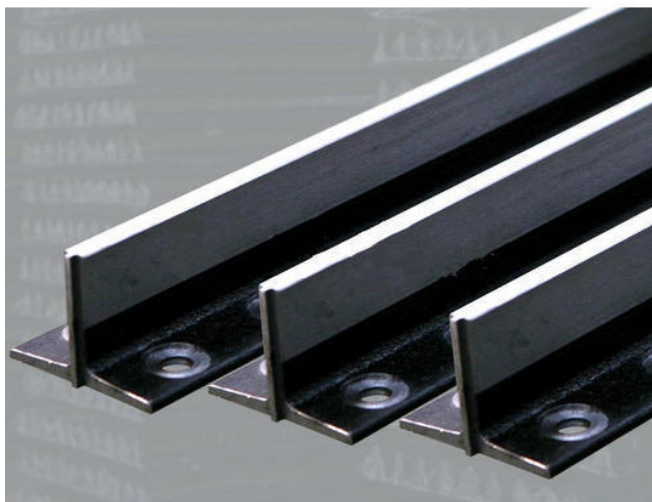


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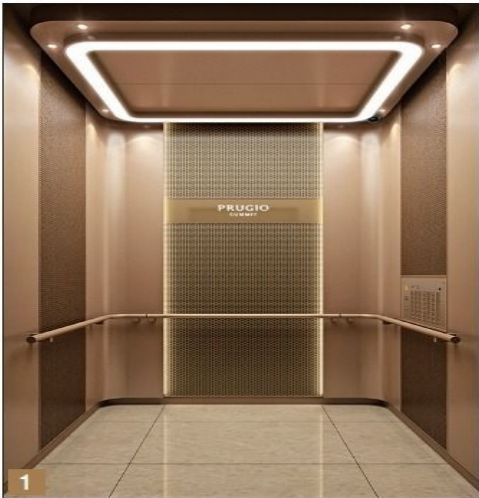
# ELEVATOR COMPONENTS

## CAR HEADER & PARTS



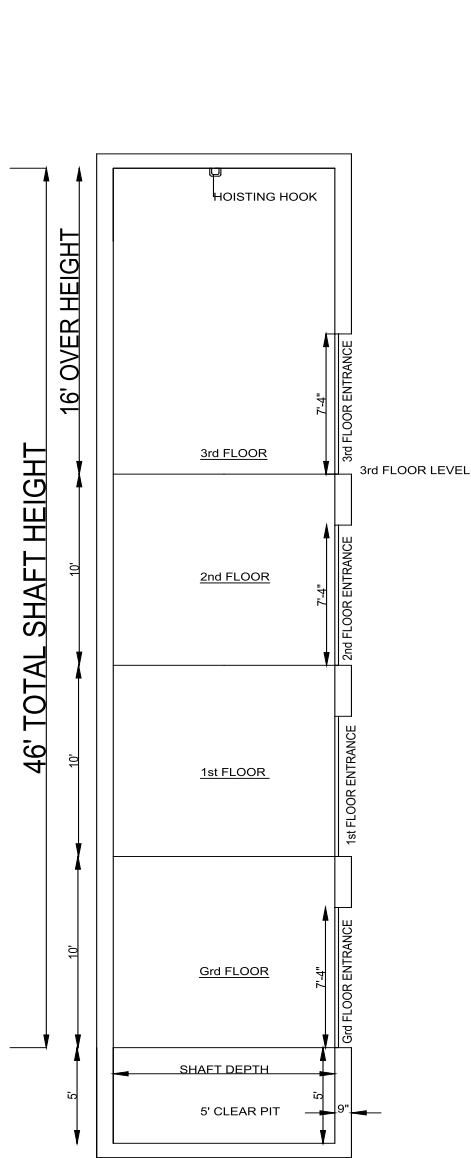
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# CABIN INSIDE DESIGN

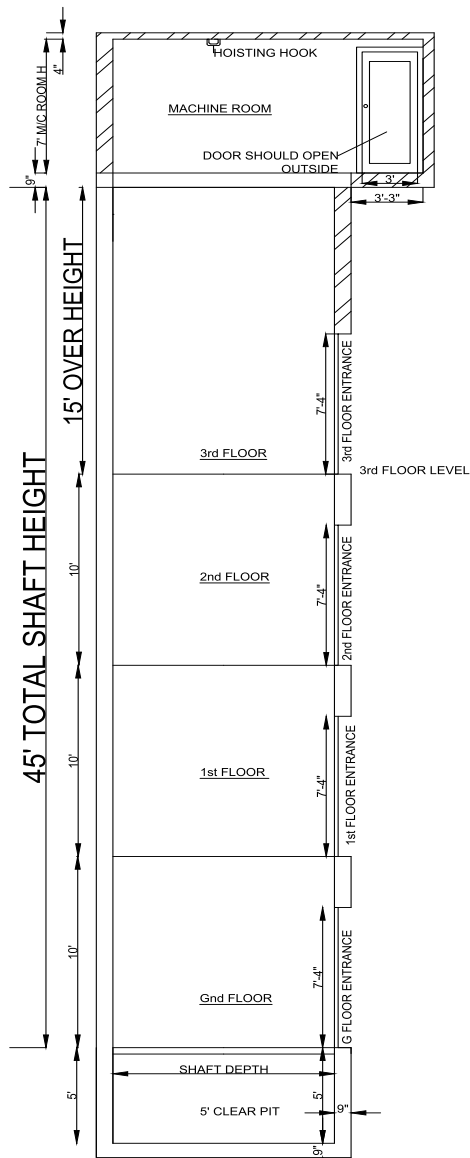


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# SHAFT DRAWING FOR MRL AND MC ROOM LIFT



MRL LIFT SECTION PLAN FOR G+4



MACHINE ROOM LIFT  
SECTION PLAN FOR G+4

SECTION PLAN FOR G\_3 FOR BOTH MACHINE ROOM LESS AND MACHINE ROOM LIFT





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# OPTIMA ELEVATOR

DEALS IN- MANUFACTURING & INSTALLATION OF PASSENGER LIFTS, HOSPITAL LIFTS,  
DUMBWAITER LIFTS GOODS CUM PASSENGER LIFTS, HYDRAULIC LIFTS

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