



NATIONAL  
ELEVATORS

DELIVERING PREMIUM, SAFE & RELIABLE FREIGHT ELEVATORS

Excellent Quality and a World Class Elevator from

# ASIAN NATIONAL GROUP

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National Elevators is the business associates of the Asian National Group of companies in Ludhiana (Punjab) on of the Leading Indian designer & manufacturer of EOT Cranes, Electric wire rope hoist and other material handling equipments.

With the resources of National Elevators, we are able to provide you the best possible solutions for vertical trantsportation. Our customer can rely on our outstanding quality products that prove to be the right decision in regard to safety, durability and efficiency. We have adopted advance micro-processor control panels and drive system for the comfort ride in all of our elevators.

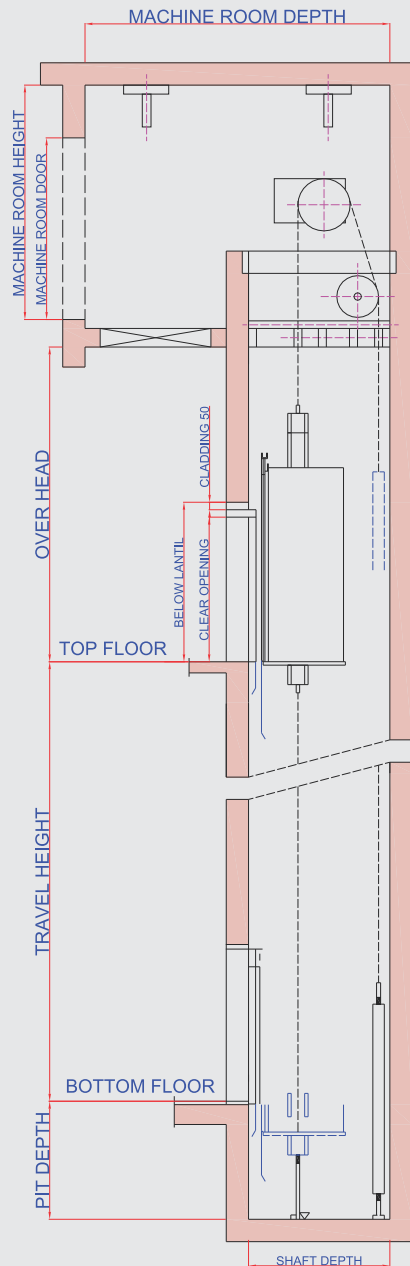
National Elevators not only manufactures state-of-the-art products, but also offer all after sale services and support associated with them. In addition to this most prompt & efficient after sales service wing has been working round the clock along with readily availability for spares of equipment as wells as comprehensive maintenance contract.

We support our customers in every step on the way; from designing manufacturing and installation to maintenance and modernization of the elevator.

## ASIAN NATIONAL GROUP

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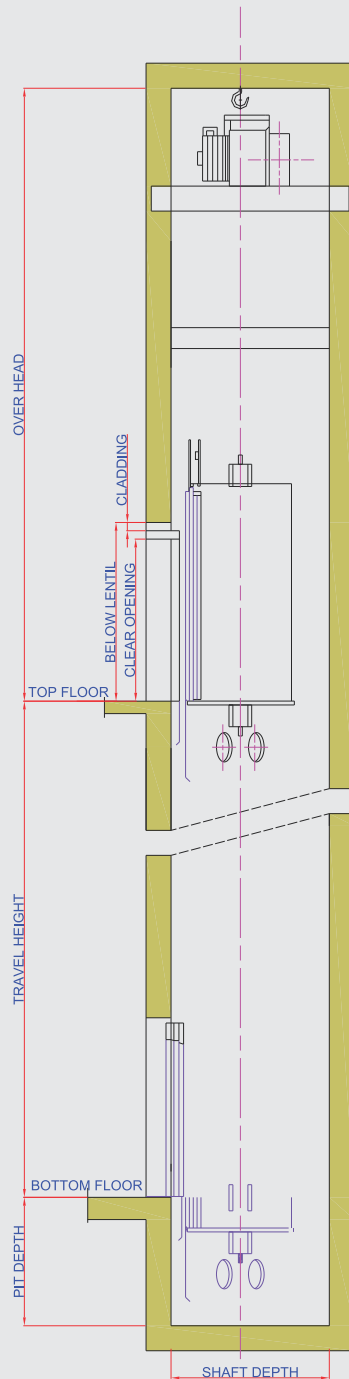




LIFT SPEED METERS/SEC.	PIT DEPTH	OVER HEAD (MINIMUM)	CLEAR (DOOR) OPENING	BELOW LANTIL FROM FINISHED FLOOR LEVEL
0.32 TO 1.0	1600	4300	2000	2260
1.25	1600	4500	2100	2360
1.5	1600	4800	2200	2460

**NOTE:**

1. All dimensions are in millimetres.
2. All dimensions are for clear finished lift wells after plastering.
3. All walls minimum 150 RCC or 230 brick (hoist way front wall 230 brick preferred).
4. RCC machine room structural floor slab 150 thick designed to sustain minimum 1000 kg./M UDL.
5. Power supply 400 volts, 3 phase, 4 wires, 50 Hz and 230 volts 1 phase terminating in a MCCB/ECCB switch to be provided by clients.
6. For specific requirements our local representative will be happy to work with you in a preparation of working drawings.



LIFT SPEED METERS/SEC.	PIT DEPTH	OVER HEAD (MINIMUM)	CLEAR (DOOR) OPENING	BELOW LENTIL FROM FINISHED FLOOR LEVEL
0.65 TO 1.0	1600	4300	2000	2260
1.25	1600	4500	2100	2360
1.5	1600	4800	2200	2460

**NOTE:**

1. All dimensions are in millimetres.
2. All dimensions are for clear finished lift wells after plastering.
3. All walls minimum 150 RCC or 230 brick (hoist way front wall 230 brick preferred).
4. RCC machine room structural floor slab 150 thick designed to sustain minimum 1000 kg./M UDL.
5. Power supply 400 volts, 3 phase, 4 wires, 50 Hz and 230 volts 1 phase terminating in a MCCB/ECCB switch to be provided by clients.
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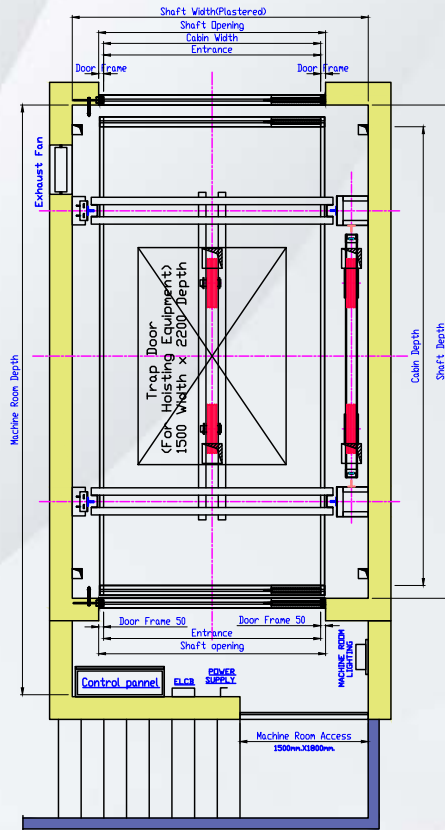
## AUTOMOBILE ELEVATORS

Automobile Elevators are becoming very popular as there is acute space shortage in major cities. These elevators are specially designed for the vertical transportation of a vehicle with their drivers making them extremely useful for private garages, apartments, showrooms, service stations and complexes. We take extensive care while designing and manufacturing Automobile lift cabins considering the load distribution over a small area while a vehicle is transported in a car lift.



# AUTOMOBILE ELEVATOR (WITH MACHINE ROOM)

## ELEVATOR WELL & MACHINE ROOM PLAN

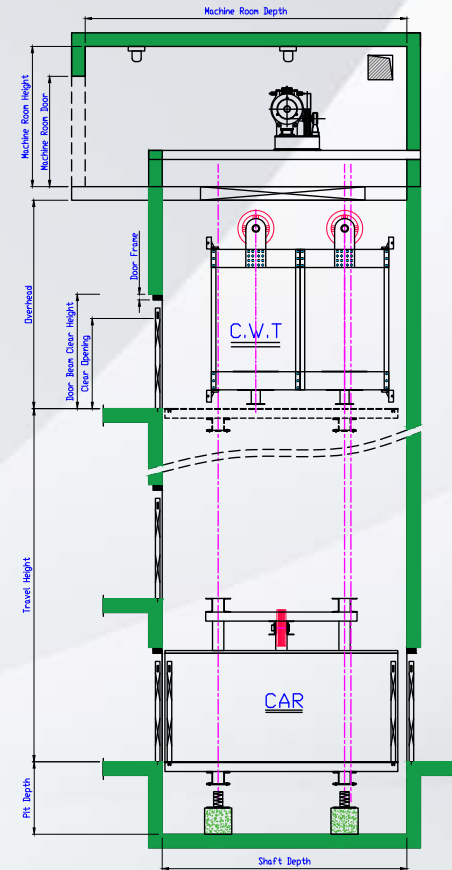


Capacity	Elevator Speed (meters/sec.)	Pit Depth	Overhead	Clear Door Opening
2000-3000 Kgs.	0.2-0.3	1600	4800	3000
3000-4000 Kgs.	0.3-0.4	1600	4800	3000
4000-5000 Kgs.	0.3-0.4	1600	4800	3200

### NOTE

1. All dimensions are in millimetres.
2. All dimensions are for clear finished lift wells after plastering.
3. All walls minimum 150 R.C.O or 230 brick (hoistway front wall 230 brick preferred).
4. R.C.O machine room structural floor slab 150 thick designed to sustain minimum 1000Kg./M2 U.D.L
5. Power supply 400 volts, 3 phase, 4 Wires, 50Hz & 230 volts 1 phase terminating in a ELCB switch to be provided by clients.
6. For specific requirements our local representative will be happy to work with you in a preparation of working drawings.

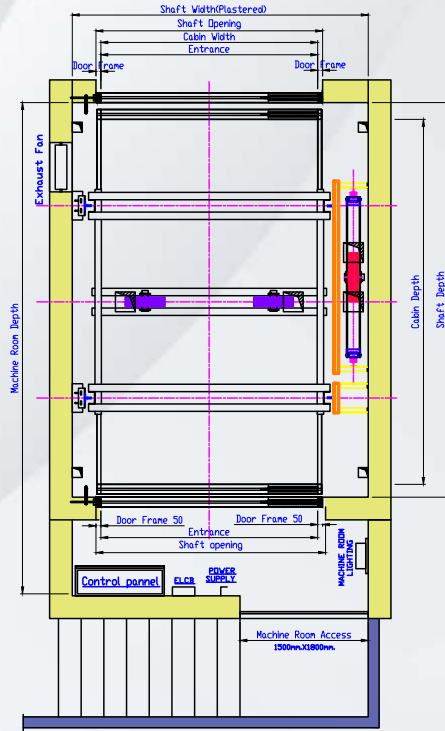
## ELEVATOR WELL ELEVATION



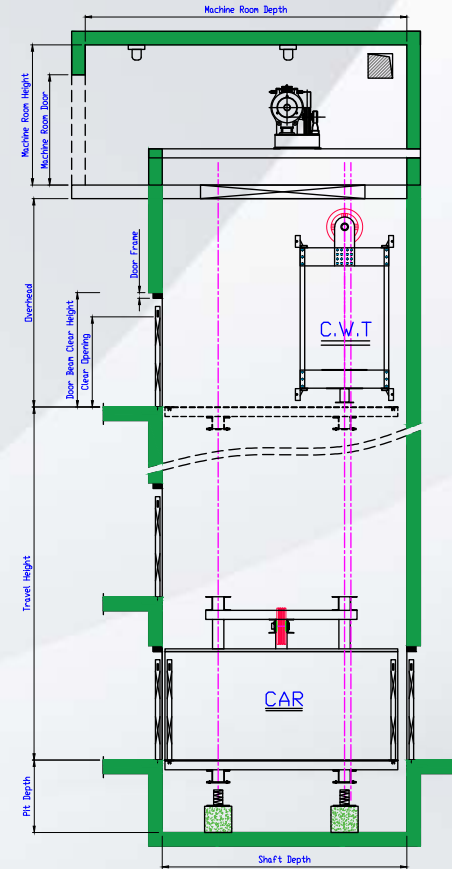
Capacity	Car Inside		Elevator Well		Entrance	
	Width	Depth	Width	Depth	Width	Height
2000 Kgs.	2400	5500	3200	5800	2300	2000
2500 Kgs.	2600	5800	3400	6100	2500	2000
3000 Kgs.	2800	6000	3600	6300	2700	2000
4000 Kgs.	3200	6200	4000	6500	3000	2000
5000 Kgs.	3500	6500	4300	6800	3400	2000

# FREIGHT ELEVATOR (WITH MACHINE ROOM)

## ELEVATOR WELL & MACHINE ROOM PLAN



## ELEVATOR WELL ELEVATION



Capacity	Elevator Speed (meters/sec.)	Pit Depth	Overhead	Clear Door Opening
1000-2500 Kgs.	0.2-0.4	1600	4600	3000
2500-4000 Kgs.	0.2-0.3	1600	4800	3000

Capacity	Car Inside		Elevator Well		Entrance	
	Width	Depth	Width	Depth	Width	Height
1000 Kgs.	1100	1200	1900	1500	1000	2000
1500 Kgs.	1200	1600	2000	1900	1100	2000
2000 Kgs.	1400	1800	2200	2100	1300	2000
2500 Kgs.	1700	2000	2500	2300	1600	2000
3000 Kgs.	1800	2500	2600	2800	1700	2000
3500 Kgs.	2000	2600	2800	2900	1900	2000
4000 Kgs.	2200	3000	3000	3300	2100	2000
4500 Kgs.	2500	3500	3300	3800	2400	2000
5000 Kgs.	2600	4000	3400	4300	2500	2000

### NOTE

1. All dimensions are in millimetres.
2. All dimensions are for clear finished lift wells after plastering.
3. All walls minimum 150 R.C.C or 230 brick (hoistway front wall 230 brick preferred).
4. R.C.C machine room structural floor slab 150 thick designed to sustain minimum 1000Kg./M2 U.D.L
5. Power supply 400 volts, 3 phase, 4 Wires, 50Hz & 230 volts 1 phase terminating in a ELCB switch to be provided by clients.
6. For specific requirements our local representative will be happy to work with you in a preparation of working drawings.

Our freight cum passenger elevator solution is ideal for variety of buildings:Industrial units, workshops, stores, offices, hotels, hospitals, supermarkets, shopping malls, warehouses, etc.....

## *CARRYING HEAVY LOADS CAN BE LIGHT WORK*

National Elevators offers wide range of powerful Freight Elevators for various applications involving transportation of goods. The capacity ranges from 500Kg to 1000 Kg with appropriate speed in range of 0.16 mtr/sec to 1.5 mtr/sec. Freight Cabins are manufactured with a lot of care giving maximum focus on safety, durability and robust design of platforms.



**To move freight and heavy loads, we have specially designed robust elevators to cater that need. Following are some of the unique features :-**



- Safe and Durable hoisting design
- Checkered sheet on the flooring for the rough and tough use
- All of our Freight Elevators are designed not only to carry loads, It is safer for Passengers also
- We offer the VVVF drive for smooth drive for the passengers and fragile materials
- Leveling accuracy is maintained in these Elevators
- On your requirement, full door width opening can be designed for the utilization of space
- There is option to change the interior from Mild steel finish to Stainless Steel finish and many more options to match to the buildings interiors

## IMPERFORATED DOOR



## COLLAPSIBLE DOORS



we endeavour to  
provide the best possible  
**SERVICE** to our customers.



### ***Excellent service around the clock***

National Elevators not only manufactures state-of-the-art products, but also offer all after sale services and support associated with them. In addition to this most prompt & efficient after sales service wing has been working round the clock along with readily availability of spares of equipment as well as comprehensive maintenance contract. National Elevators has very wide network for maintenance services, modernizations and spare parts. Our Maintenance services covers all activities, necessary for trouble-free operation of your elevator .

# CONTACT US

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### Our Brands

