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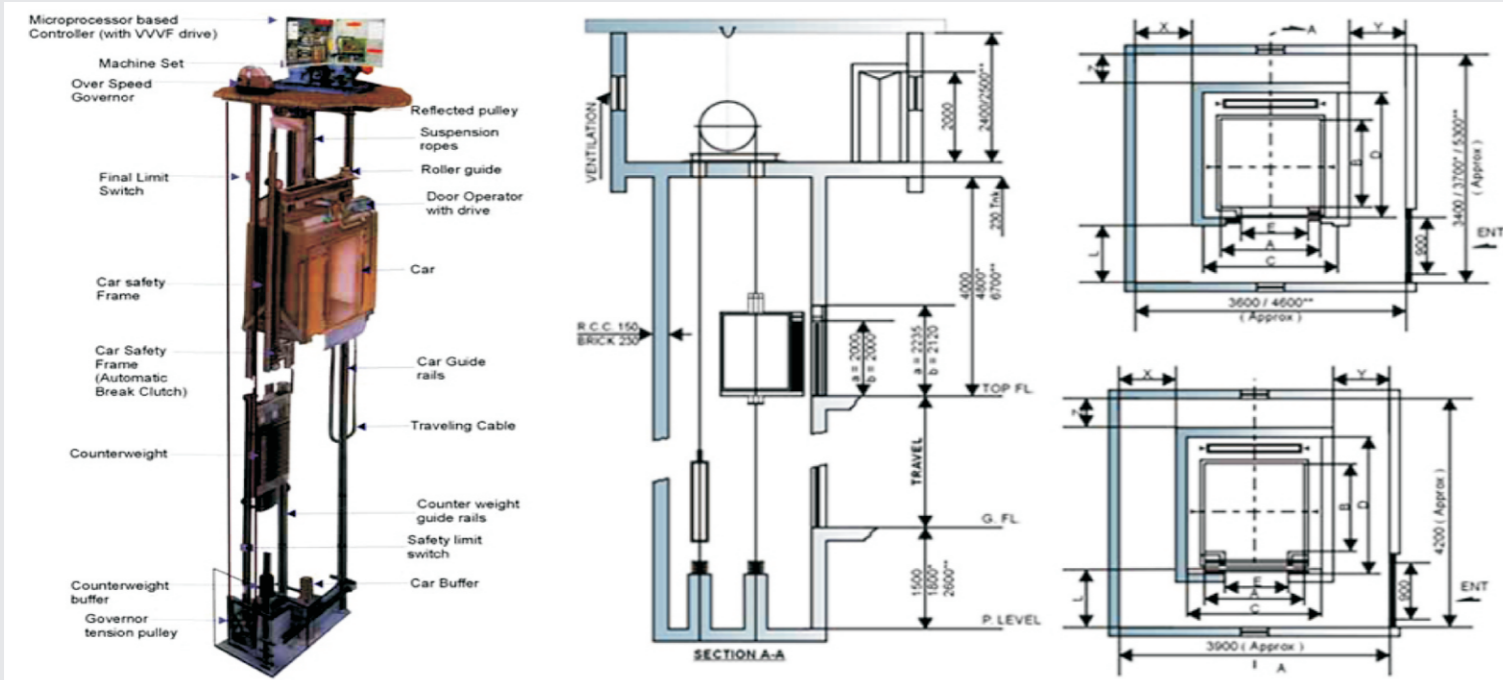


**... A PASSION FOR SERVICES  
 LIFTING THE GLOBAL WORLD !!**

**PIONEER ENGINEERS**

Govt.Approved Elevator Manufacturer

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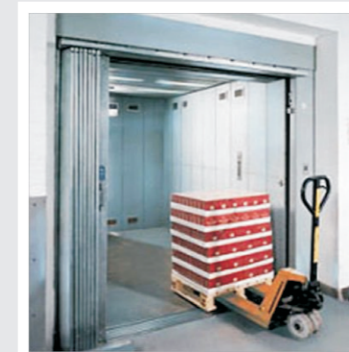
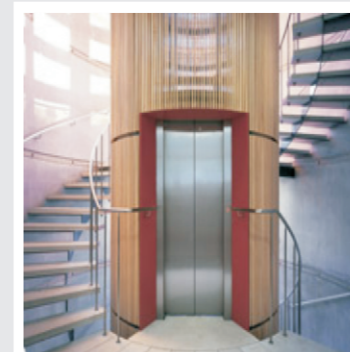
We are among the leading manufacturer and supplier of Automatic Elevators, Office elevators & Industrial elevators. This products are specifically designed as per client requirement. Our Products are Appreciated for features like rigid construction , operational excellence and longer service life.

E X T E N S I O N	M/C ROOM SIZE (Minimum)			
		S.S.	T.S.*	V.S.**
	X	1.5	1.5	1.2
	Y	1.5	1.5	1.2
	Z	0.3	0.3	0.6
L	1.5 to2	1.5 to2	2.5	

**NOTES :**

- a = M.S. Collapsible b = Swing Door
- THE DIMENSIONS IN THIS TABLE MEET IS - 4666 - 1980 CODE REQUIREMENT. (ALSO IS - 3534 - 1976)
- DIMENSIONS MARKED THUS \* STANDS FOR TWO SPEED LIFT.
- DIMENSIONS MARKED THUS \*\* STANDS FOR VARIABLE SPEED LIFT.

LOAD	CAR INSIDE	HOISTWAY	ENTRANCE	MACHINE	HOISTWAY/ENTRANCE	MAX.TRAVEL				
PERSONS	KG	A	B	C	D	E	M/SEC	SS/TS/VS		
4	272	1000	800	1400	1250	700	0.65	SINGLE SPEED	MS COLLAPSIBLE	20 Metre
5	340	1200	800	1600	1250	750	0.65	SINGLE SPEED	MS COLLAPSIBLE/SWING	20 Metre
6	408	1200	950	1600	1400	750	0.65	SINGLE SPEED	MS COLLAPSIBLE/SWING	20 Metre
6	408	1200	950	1600	1400	750	1.00	TWO SPEED	MS COLLAPSIBLE/SWING	28 Metre
8	544	1400	1050	1800	1500	800.65		SINGLE SPEED	MS COLLAPSIBLE/SWING	20 Metre
8	544	1300	1100	1900	1900	800	1.00	TWO SPEED	M.S.AUTO DOOR	38 Metre
8	544	1300	1100	2000	2000	800	1.50	VARIABLE SPEED	M.S.AUTO DOOR	60 Metre
13	884	2000	1100	2600	2000	900	1.50	VARIABLE SPEED	M.S.AUTO DOOR	60 Metre
HOSPITAL (BED) OR GOODS LIFT										
15	1000	1400	1800	2300	2100	1200	0.32	SINGLE SPEED	MS COLLAPSIBLE	12 Metre
15	1020	1000	2400	1900	2700	900	0.32	SINGLE SPEED	MS COLLAPSIBLE	15 Metre
15	1020	1000	2400	1900	2700	900	0.50	TWO SPEED	MS COLLAPSIBLE	18 Metre



A Member of





# Product Range

## Door Types



### Swing Door

Elevators with swing doors are normally used in bungalows, hotels and commercial complexes.



### M.S. Mid-Bar Collapsible Doors

These type of doors are mostly used in residential complexes.



### Imperforated Door

These type of doors are mostly used in commercial complexes & they are safer than collapsible doors.

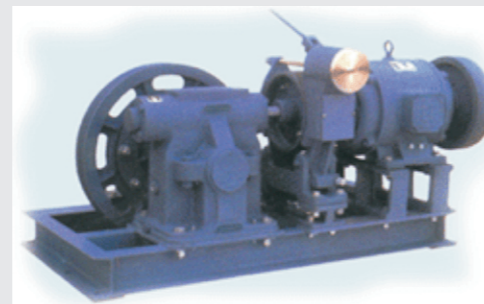
## Winding Gear :-

### High Speed Machine



Winding Gear is the worm & worm wheel type, fitted with thrust ball bearing of foreign make. The worm shaft is turned on a single forge of high tensile steel & worm wheel rim of centrifugally cast phosphor bronze, mounted in cast iron dust & leak proof housing to ensure the highest efficiency & noiseless running. Traction sheave & worm wheel are both securely mounted on a substantial steel foundation.

### Standard Machine Unit



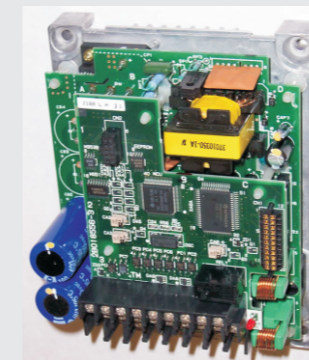
Specially designed for heavy elevator duty. It runs smoothly & sparklessly under load up to its maximum capacity in either directions, with sufficient power to deal with occasional overloads.



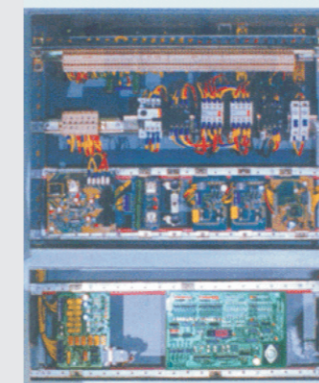
## Imported V3F



Pioneer Engineers offers modern technology, based on Quality. Elevators with minimum brake down calls, Shorter waiting time or downtime. Elevators reflect the feature of safe operation, eco-efficiency and practically low energy consumption with the introduction of VVVF (V3F) technology.



### Microprocessor based Control Panel



The control panel operates on 440 AC/ 110 DC Volts with Micro processor based down collective system. It is a trouble-free system with maximum efficiency and for longer life. This is fixed in a control box, mounted on either Floor or wall with phase reversal as well as overload protection devices.

## COP / LOP



### Features:

- Serial / Parallel Type
- 4 Wire / 10 Wire
- supports 1 PB/2 PB (Down Collective, Collective Selective)
- Site programmable floor number
- use of high efficiency DC-DC regulator reduces power consumption
- Extremely Reliable
- Optional RFID Access control

### Options:

- Seven Segments
- Dot Matrix
- Mono Blue LCD
- Colour TFT
- Touch COP

