



SAAVI
ELEVATOR



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<http://www.saavielevators.com>



About Us:

SAAVI ELEVATORS, the pioneer of the Indian Elevator Industry was established in 2015, head quartered in Raipur and with branches in Bilaspur, Ambikapur, Jagdalpur, installs, maintains and modernizes a wide range of elevators which includes, Gearless Machine Room-less Elevators for Passenger, Hospital, Home, Automobile & Freight environments

With a legacy of 06 years in vertical transportation, SAAVI ELEVATORS is well known for providing best quality products & premium services.

Our Mission

We are committed to deliver well engineered and competitive solutions to move passengers and goods in a safe and reliable manner. Our products, services and customer focus will make us the preferred choice for vertical mobility requirements.

Our Vision

To be a commercially strong, customer centric and socially responsible company based on the following core values.

- ◆ Our company and all its employees follow without compromise a Code of Integrity We are committed to abide by all prevailing laws and honour commitments to customers and employees
- ◆ The well-being, dignity and work-life balance of our people is important to us. We will be the preferred employer in our industry because we empower our employees to become our future leaders
- ◆ Safety of our customers, employees and users is our foremost concern. Our products, methods and work practices prioritize "Safety First".
- ◆ Our efforts and successes will create profit and value for all stake-holders. We will continually invest in our environment

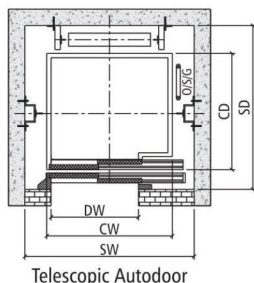


Traction Elevator

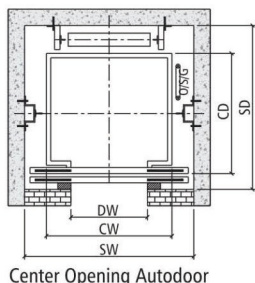
Machine Room Elevator

"SAAVI ELEVATOR" best in class" ride quality on every equipment that we install. machine room passenger elevator is one of most popular product in both private and public sectors.

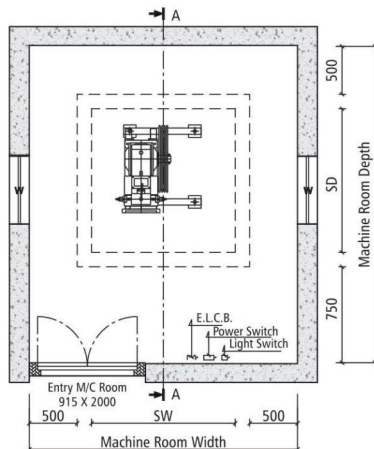
The high-quality lift is tailor-made for low and medium-rise buildings, including Corporate Towers, Residential Apartments, Hotels, etc. The product range is identified with numerous salient features, including efficiency, low noise, and maintenance.



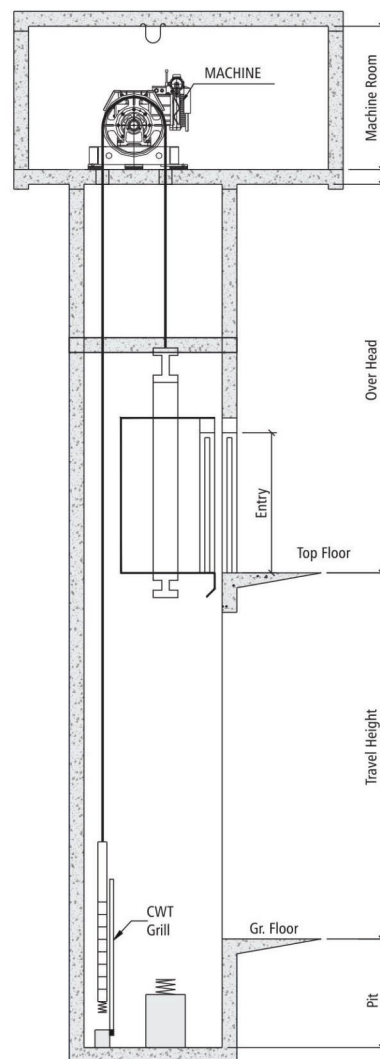
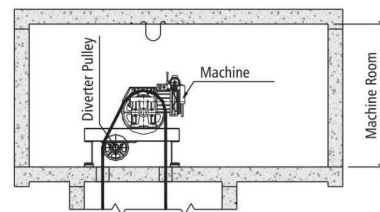
Telescopic Autodoor



Center Opening Autodoor



M/C & Machine Room Plan



Lift Well Section - AA

Load		Elevator Shaft		Car Platform		Car Inside		Ent. Rance	Speed Mps	Machine Room		Pit Depth	Over Head	Car Inside Sq.mtr
Person	kg	W	D	W	D	W	D			W	D			
6	408	1650	1600	1250	1100	1190	950	700	1.0/1.5	4350	3550	1600	4800	1.13
	544	1800	1700	1400	1200	1340	1050	800	1.0/1.5	4500	3350	1600	4800	1.40
8	544	1800	1700	1400	1200	1340	1050	800	2.0/2.5	4500	3350	2500	5350	1.40
	680	1800	1900	1400	1450	1340	1300	800	1.0/1.5	4500	3850	1600	4800	1.74
10	680	1800	1900	1400	1450	1340	1300	800	2.0/2.5	4500	3850	2500	5200	1.74
	884	2000	2200	1600	1600	1540	1450	900	1.0/1.5	4700	4150	1600	4800	2.23
13	884	2000	2200	1600	1600	1540	1450	900	2.0/2.5	4700	4150	2500	6000	2.23
	1088	2200	2300	1800	1700	1740	1550	1000	1.0/1.5	4900	4250	1600	4800	2.69
16	1088	2200	2300	1800	1700	1740	1550	1000	2.0/2.5	4900	4250	2500	6000	2.69
	1360	2200	2600	1800	1950	1740	1800	1000	1.0/1.5	4900	4550	1800	4800	3.13
20	1360	2200	2600	1800	1950	1740	1800	1000	2.0/2.5	4900	4550	2500	0009	3.13
	1768	2800	2600	2300	1850	2240	1700	1200	1.0/1.5	5500	4550	2000	4800	3.80
26	1768	2800	2600	2300	1850	2240	1700	1200	2.0/2.5	5500	4550	2500	6000	3.80

- All dimension are in mm.
- This is general data, it may be changed without notice for more details contact us.
- All hoist way walls should be minimum 230 mm brick or 150 mm R.C.C.

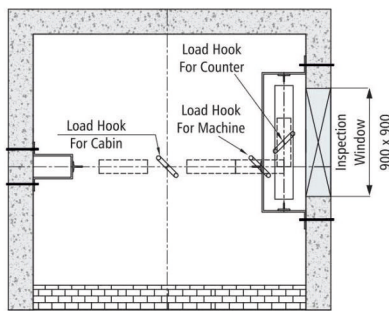
MRL ELEVATOR

Machine Roomless Elevator

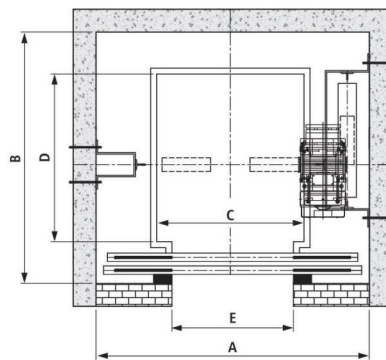


Minimum space. maximum value !

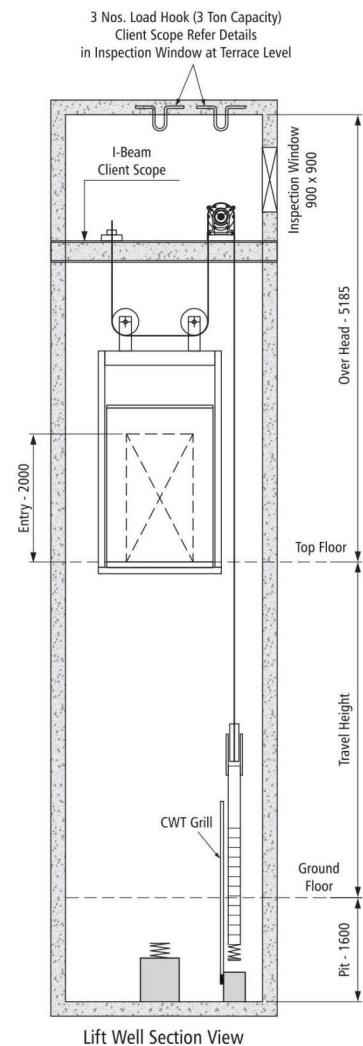
In order to know the concept of environmental protection, energy saving, saving building area, improve the degree of freedom in design is the responsibility of the SAAVI ELEVATOR without machine room, fully reflects the green spirit of humanity, the elevator needs only one independent well space, without room, with the same load weight level than conventional elevators, saving energy & save construction area.



Inspection Window at Terrace Level



Lift Well Plan



Capacity		Lift Well		Cabin Inside		Entry
Person	kgs	A	B	C	D	E
5	340	1600	1500	920	1050	700
6	408	1650	1600	970"	1130	700
8	544	1850	1700	1120	1280	800
10	680	2000	1850	1270	1380	800
13	884	2100	2600	1070	2100	800/900
15	1020	2100	3000	1070	2400	006/008
20	1360	2300	3000	1320	2400	0001/006
26	1768	2450	3000	1620	2400	900/1000

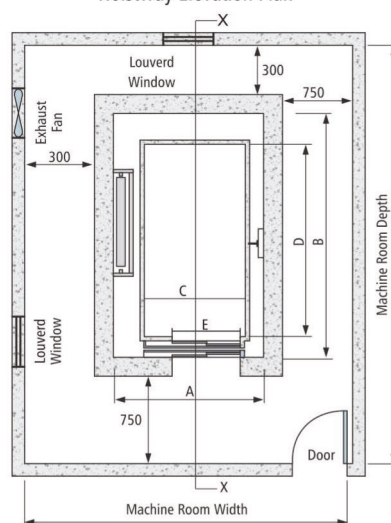


Hospital Elevators provide easy transportation of patients and bulky medical equipment such as gurneys, stretchers and wheel chairs. These lifts feature sophisticated looks and operated smoothly.

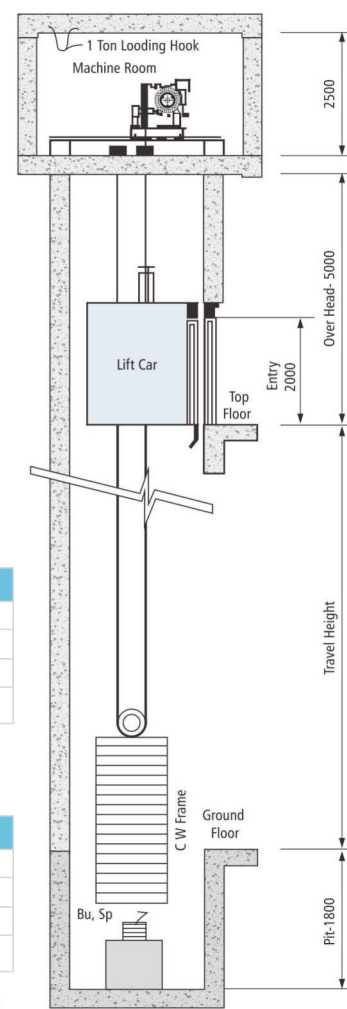
Hospital Elevators are available in a wide variety, capable of carrying between 15 to 26 passengers at a time. These elevators usually feature center-opening, telescopic power-operated doors and easy to use for people.

-  Intellectual Control
-  Noise Reducing
-  Smooth and Comfortable

Hoistway Elevation Plan



Hoistway Elevation Drawing



Automatic Centre Opening Door Lifts

Person	Capacity	Shaft-W	Shaft-D	Car-W	Car-D	Car-D
	Kg	A	B	C	D	E
15	1020	1900	3000	1000	2400	800
20	1360	2300	3000	1300	2400	900
26	1768	2600	3000	1600	2400	1000

Collapsible Door can be provided if required.

Automatic Telescopic Door Lifts

Person	Capacity	Shaft-W	Shaft-D	Car-W	Car-D	Car-D
	Kg	A	B	C	D	E
15	1020	1700	3000	1000	2400	800
20	1360	1950	3000	1300	2400	900
26	1768	2100	3000	1600	2400	1000

- All dimensions in mm.
- This is general data, it may be changed without notice, for more details contact us.
- All hoist way walls should be minimum 230 mm brick or 150 mm RCC.



Section : X-X - Lift Well

CAR Design Example



Create the look and feel you like. Combine colors, materials, lighting, mirrors, handrails and fixtures to achieve the ambiance that fits both your ideas and your building.

Choose from one of our four interior design lines or design the whole car to your own taste.



SE-01

Ceiling : S.S. Rose Gold, Acrylic on Top, LED Light

Car Wall : S.S. Rose Gold Design, Rose Gold Mirror.



SE-02

Ceiling : S.S. Duel Gold, Acrylic on Top, LED Light

Car Wall : S.S. Duel Gold Design, Duel Gold Mirror



SE-03

Ceiling : S.S. Mirror, Acrylic on top, LED Light

Car Wall : S.S. Mirror, S.S. Silver design and S S Hairline



SE-04

Ceiling : S.S. Hairline Finish, LED Lights

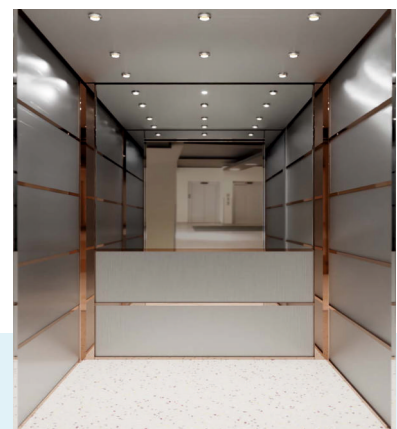
Car Wall : S.S. Golden Design, S.S. Hairline, S.S. Mirror



SE-05

Ceiling : S.S Hairline Finish, LED Lights

Car Wall : S.S. Hairline, Mirror



SE-06

Ceiling : S.S. Hairline, LED Light

Car Wall : S.S. Hairline, S.S. Mirror

Designs Lines, Colour & Materials, Designs that Speaks to Your Senses



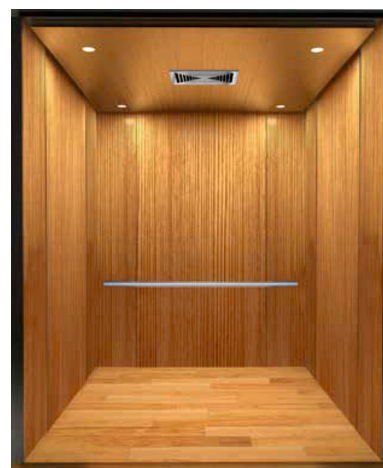
SE-07

Ceiling : Wooden Finish



SE-08

Ceiling : S.S. Hair Line, Wooden Finish



SE-09

Ceiling : M.S. Powder Wooden Finish



SE-10

Ceiling : M.S. Powder Coated,
LED Lights



SE-11

Ceiling : M. S. Powder Coated,
LED Lights



SE-12

Ceiling : M. S. Powder Coated,
LED Lights

CAR Interior



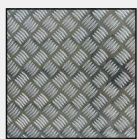
Handrails



Ceiling



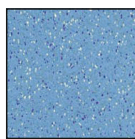
Flooring Carpet Design & Tiles



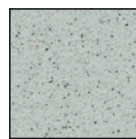
Aluminum Checker Plate



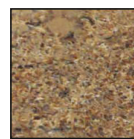
M.S. Checker Plate



PVC Flooring Mat- Blue



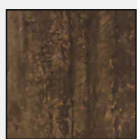
PVC Flooring Mat-Grey



Marble Flooring-1546



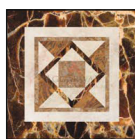
Marble Flooring-1544



Marble Flooring 1547



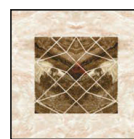
PVC Flooring-01



PVC Flooring-02



PVC Flooring-03



PVC Flooring 04



PVC Flooring-05

Elegant Design, Easy to Operate.
An Invitation to Passenger Control



COP-05



LOP-05



COP-06



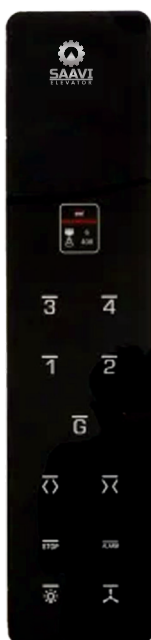
LOP-06



COP-07



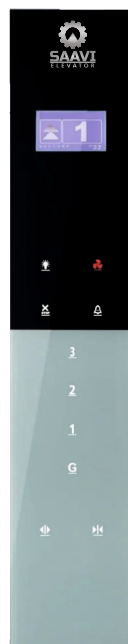
LOP-07



COP-09



LOP-09



COP-10



LOP-10



COP-11



LOP-11

Center Opening Autodoor

Application :

- Apartments
- Hotels
- Hospitals
- Corporate
- Towers
- Complex

Door Accessories:

- Car Header
- Landing Header
- Door Frame
- Door Drive
- Motor
- Brackets
- Fasteners



Small Vision

S.S Center Opening Autodoor - 2 Panel

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	55x1250	100x295	1300	2520	320	2010	55x1250	100x295	1330	2265
2	700x2000	370	2100	55x1450	100x295	1460	2520	370	2010	55x1450	100x295	1490	2265
3	800x2000	420	2100	55x1650	100x295	1660	2520	420	2010	55x1650	100x295	1690	2265
4	900x2000	470	2100	55x1850	100x295	1860	2520	470	2010	55x1850	100x295	1890	2265
5	1000x2000	520	2100	55x2050	100x295	2060	2520	520	2010	55x2050	100x295	2090	2265



Half Glass Vision

S.S Center Opening Autodoor 2 Panel

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	55x1250	200x950	1300	2520	320	2010	55x1250	200x950	1330	2265
2	700x2000	370	2100	55x1450	250x950	1460	2520	370	2010	55x1450	250x950	1490	2265
3	800x2000	420	2100	55x1650	300x950	1660	2520	420	2010	55x1650	300x950	1690	2265
4	900x2000	470	2100	55x1850	350x950	1860	2520	470	2010	55x1850	350x950	1890	2265
5	1000x2000	520	2100	55x2050	400x950	2060	2520	520	2010	55x2050	400x950	2090	2265



Big Glass Vision

S.S Center Opening Autodoor 2 Panel

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	55x1250	200x1755	1300	2520	320	2010	55x1250	200x1755	1330	2265
2	700x2000	370	2100	55x1450	250x1755	1460	2520	370	2010	55x1450	250x1755	1490	2265
3	800x2000	420	2100	55x1650	300x1755	1660	2520	420	2010	55x1650	300x1755	1690	2265
4	900x2000	470	2100	55x1850	350x1755	1860	2520	470	2010	55x1850	350x1755	1890	2265
5	1000x2000	520	2100	55x2050	400x1755	2060	2520	520	2010	55x2050	400x1755	2090	2265

Telescopic Autodoor

- Apartments
- Hotels
- Hotels
- Corporate Towers
- Complexes
- Hospitals
- Hospitals

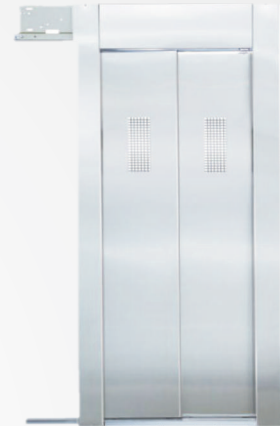
Door Accessories :

Small Vision

S.S Telescopic Autodoor - 2 Panel

- Car Header
- Door Drive
- Landing Header
- Motor
- Door
- Brackets
- Brackets
- Fasteners

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	90x940	100x295	1030	2580	320	2010	90x940	100x295	1000	2295
2	700x2000	370	2100	90x1090	100x295	1180	2580	370	2010	90x1090	100x295	1180	2295
3	800x2000	420	2100	90x1240	100x295	1330	2580	420	2010	90x1240	100x295	1300	2295
4	900x2000	470	2100	90x1390	100x295	1480	2580	470	2010	90x1390	100x295	1450	2295
5	1000x2000	520	2100	90x1540	100x295	1580	2580	520	2010	90x1540	100x295	1550	2295



Half Glass Vision

S.S Telescopic Autodoor - 2 Panel

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	90x940	200x950	1030	2580	320	2010	90x940	200x950	1000	2295
2	700x2000	370	2100	90x1090	250x950	1180	2580	370	2010	90x1090	250x950	1180	2295
3	800x2000	420	2100	90x1240	300x950	1330	2580	420	2010	90x1240	300x950	1300	2295
4	900x2000	470	2100	90x1390	350x950	1480	2580	470	2010	90x1390	350x950	1450	2295
5	1000x2000	520	2100	90x1540	400x950	1580	2580	520	2010	90x1540	400x950	1550	2295



Big Glass Vision

S.S Telescopic Autodoor - 2 Panel

SR No	Clear Opening (W x H) (mm)	Car Door						Landing Door					
		Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Vision Size (mm)	Total Width with Header (mm)	Total Height with Header (mm)
1	600x2000	320	2100	90x940	200x1755	1030	2580	320	2010	90x940	200x1755	1000	2295
2	700x2000	370	2100	90x1090	250x1755	1180	2580	370	2010	90x1090	250x1755	1180	2295
3	800x2000	420	2100	90x1240	300x1755	1330	2580	420	2010	90x1240	300x1755	1300	2295
4	900x2000	470	2100	90x1390	350x1755	1480	2580	470	2010	90x1390	350x1755	1450	2295
5	1000x2000	520	2100	90x1540	400x1755	1580	2580	520	2010	90x1540	400x1755	1550	2295



Manual IFG, Collapsible & Swing Door

Application : • Apartments • Hotels • Hospital • Corporate • Towers • Complex
Door Accessories : • Door Door • Frame and Brackets • Door Lock • Fasteners



IFG DOOR

Manual Collapsible Door

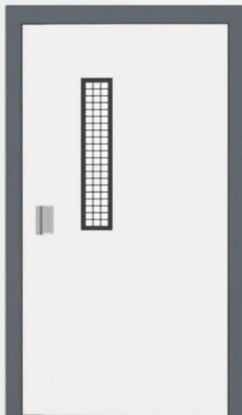
SR No	Clear Opening (W x H) (mm)	Car Door					Landing Door				
		Door Width (mm)	Door Height (mm)	Sill (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)
1	690 x 2000	220	2085	95 x 910	1110	2240	220	2085	95x910	1110	2240
2	855 x 2000	245	2085	95 x 1100	1300	2240	245	2085	95x1100	1300	2240
3	930 x 2000	270	2085	95 x 1200	1400	2240	270	2085	95x1200	1400	2240
4	1005 x 2000	295	2085	95 x 1300	1500	2240	295	2085	95x1300	1500	2240



Collapsible Door

Manual Collapsible Door

SR No	Clear Opening (W x H) (mm)	Car Door					Landing Door				
		Door Width (mm)	Door Height (mm)	Sill (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)
1	700 x 2000	210	2105	95 x 910	1010	2240	210	2105	95x910	1010	2240
2	800 x 2000	250	2105	95 x 1100	1150	2240	250	2105	95x1050	1150	2240
3	900 x 2000	300	2105	95 x 1200	1300	2240	300	2105	95x1200	1300	2240
4	1000 x 2000	350	2105	95 x 1300	1450	2240	350	2105	95x1350	1450	2240



Swing Door

Manual Collapsible Door

SR No	Clear Opening (W x H) (mm)	Car Door				Landing Door				
		Door Width (mm)	Vision Size (WxH) (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)	Door Width (mm)	Door Height (mm)	Sill (mm)	Total Width with Frame (mm)	Total Height with Frame (mm)
1	700 x 2000	830	110 x 730	980	2100	220	2085	95x910	1110	2240
2	800 x 2000	930	110 x 730	1080	2100	245	2085	95x1100	1300	2240
3	900 x 2000	1030	110 x 730	1180	2100	270	2085	95x1200	1400	2240

Application : • Apartments • Hotels • Hospital • Corporate • Towers • Complex
Door Accessories : • Door Door • Frame and Brackets • Door Lock • Fasteners

Controller

The Safe and More Energy-Saving Integrated Control

Energy efficient and simple to use: our panels put you in control over your elevator systems.

LUI has been installing and servicing elevators for more than a decade. LUI bring Millennium most advanced energy saving VVVF elevator system with highly sophisticated Microprocessor based Pulse Width Modulation (PWM) technology LUI complete integrated VVVF control system ensures best return of cost.



Uninterrupted Power System



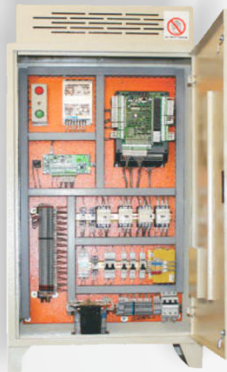
VVVF Drive



MR Gearless Parallel
Monoblock Elevator
Controller Panel



Integrated Drive



Open Loop Integrated
Control Panel



Control Panel



MRL Elevator Control Panel



Automatic Rescue Device



Close Loop Integrated
Control Panel



Close Loop Integrated
Control Panel



Safety Features

Infrared Light Curtain

Full height infrared curtain with multiple-crisscrossing light beams detect the smallest obstruction in door path and stop doors from closing.

Overload Sensor with Audio-Visual Indication

On overload of the lift, car audio-visual indication is provided and doors are kept open till excess load is removed.

Slot Less Door Sills

Stainless steel lift car is now complemented by matching stainless steel bottom sills. Moreover, bottom sills are groove less, thus enhancing aesthetic appearance of the elevator. No slots for dust to accumulate and obstruct the door. So trouble free operation is ensured. Ensures smooth movement of trolleys & structures. (Block-A)

Car Emergency Light & Fan

The emergency light is always illuminated in normal condition and switches itself automatically to battery back up in case of power failure as shown in picture. Fan also operates for minimum 2 minutes after power failure

Emergency Alarm & 'Push to Talk'

In case of any emergency or power failure, help can be obtained by alarming or by communicating at lobby through system, which is battery operated and self-charging as shown in the picture.

Emergency Rescue Button

In the event of power failure, trapped person in lift car rescue themselves by pressing emergency rescue button provided in car panel as shown in picture. (Block-B)

Safety in case of Over Travel

Three phase electric power is disconnected from control panel and motor, the moment elevator car moves beyond the limit of top and bottom terminal floors causing immediate application of the brake to bring the elevator to halt.

Safety in case of Rope Breakage

In the incident of breakage of ropes, elevator speed exceeds the rated speed in the downward direction, due to gravitational acceleration. The over speed governor activates the clutch mechanism thereby switching off main controls and jamming the elevator car safety on guide rails.

PU Buffers

Polyurethane polymer blocks are along lasting, weather resistant and most reliable in all operating conditions for providing maximum safety, in case of buffering of car elevators.

Car Fan Automatic Sleep

Car fan automatically stops when there are no registered floor calls resulting into saving in power and enhancing its life.

Voice Annunciator with Music

This system provides detailed information to passengers related to next floor, direction of movement, door opening/closing, scheduled operations and other information depending on the building needs. This system features natural electronic voice synthesizes

PLC based controller V3F (Variable voltage, Variable Frequency), Vector controlled drive with encoder closed loop system

This system provides the highest degree of smoothness in elevator car movement with precise leveling. In addition to this, the frequency of power conservation is very high resulting into an overall power saving of the order of 40% during normal operating conditions.

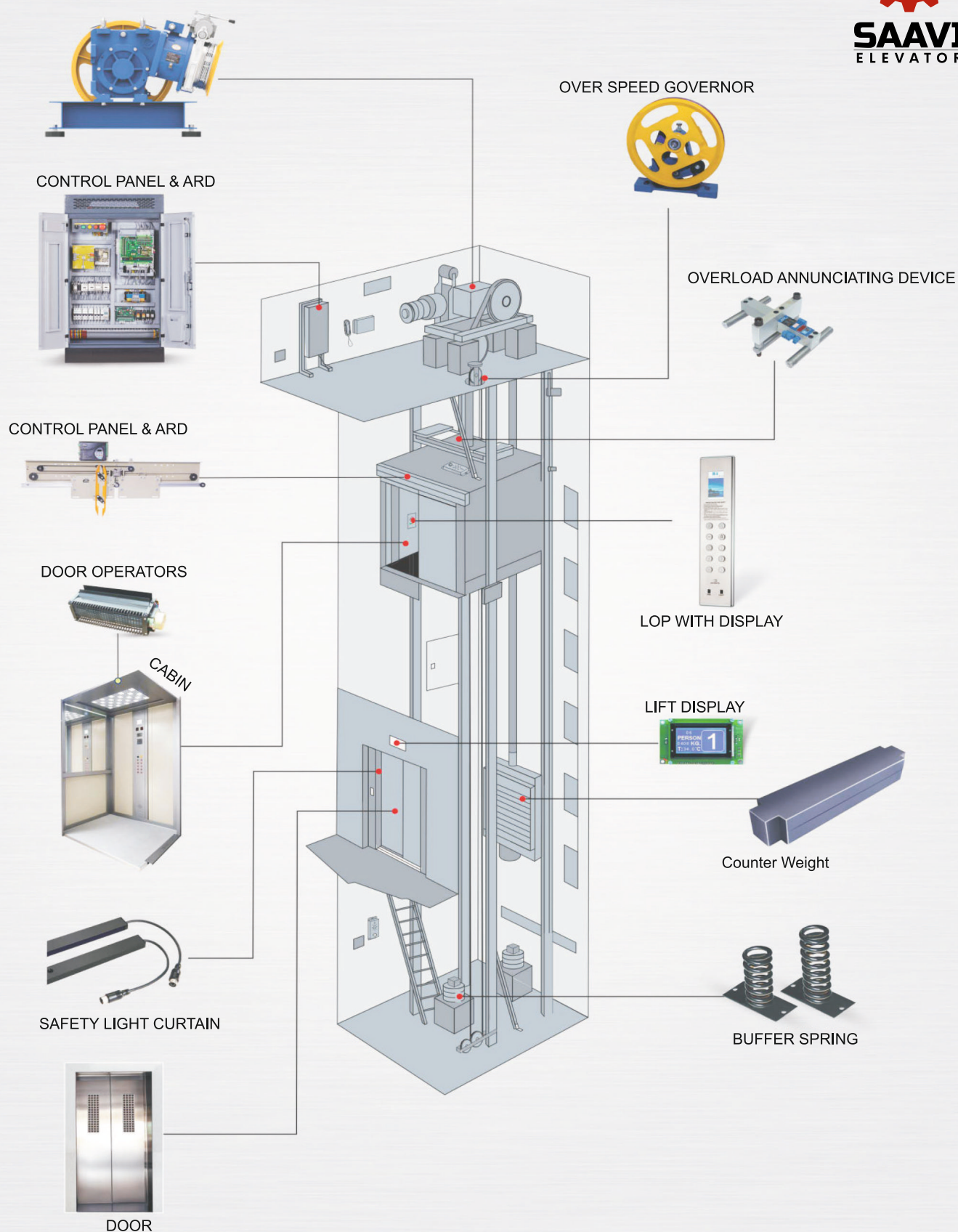
The Speed vs. Travel diagram shows the jerk less movement of elevator car approaching different floors with different speeds during starting, accelerating, decelerating and stopping.

Self diagnostic system

The built-in computer control system, self-diagnosis, various operational and safety parameters to improve overall reliability and safety of lift operation.

PLC based controller V3F (Variable voltage, Variable Frequency), Vector controlled drive with encoder feedback closed loop system for door operation

This system reduces the door opening and closing time drastically compared to conventional door operation system, thereby improving the passenger handling capacity and reducing the waiting time at landing.





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