



# SUJATA TECHNICAL Services Pvt. Ltd.

"Only the complete technical solution"

Cell: +977-98510-15450



Kalimati, Kathmandu, Nepal



[sujata.technicalservices450@gmail.com](mailto:sujata.technicalservices450@gmail.com)



Complete Elevators & Escalators Solution, Sales & Service.

# THE COMPANY PROFILE



STS Elevator Company is a leading manufacturer, installer and service provider of high quality, advanced elevator and escalator products in India and overseas. STS endeavor into growth and success is driven by its proven products and total customer satisfaction accomplished while serving wide array of its clientele in public, private and corporate domain. As a responsible and trusted organization, our commitment and responsibilities play a very important role in our business. In nearly two decades of our presence in the elevator and escalator world, we have successfully handled various challenging projects across the world with our high performance equipments. For us, customer satisfaction is the key to our growth. Their feedback invariably serves as the most potential support for continuous improvement in our people, products and processes.



## TYPES OF ELEVATOR

- ▶ PASSENGER AUTOMATIC LIFT
- ▶ PANORAMIC/ CAPSULE LIFT
- ▶ HIGH SPEED GEARLESS LIFT
- ▶ MACHINE ROOMLESS LIFT
- ▶ ESCALATORS
- ▶ HOSPITAL LIFT
- ▶ INDUSTRIAL LIFT
- ▶ DUMB WAITER LIFT

## TYPES OF DOORS



### CENTER OPENING AUTOMATIC DOOR

- ▶ TELESCOPIC SLIDING AUTOMATIC DOOR
- ▶ GLASS PANEL AUTOMATIC DOOR
- ▶ COLLAPSIBLE DOOR
- ▶ WOODEN/STEEL/ GLASS SWING DOORS
- ▶ STEEL/ GLASS TELESCOPIC SLIDING DOORS



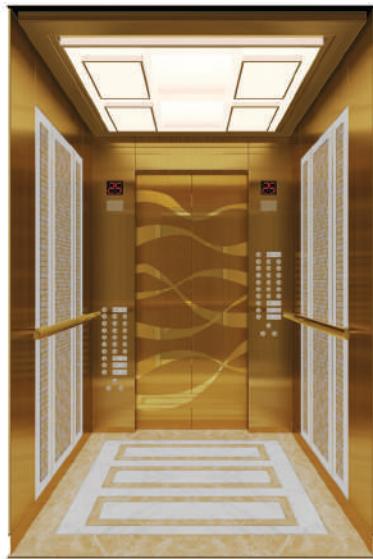
## MACHINE TYPES

### GEARED BELOW TRACTION

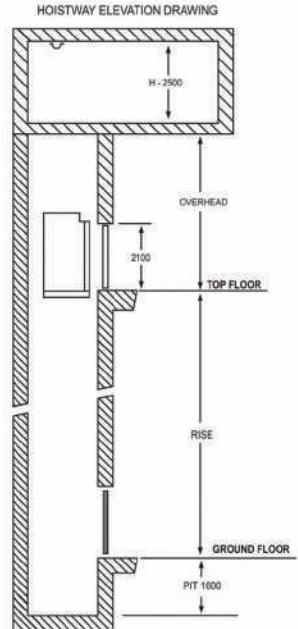
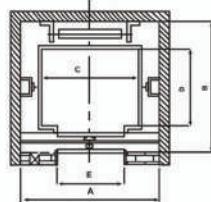
- ▶ GEARED UPPER TRACTION
- ▶ GEARED VERTICAL TRACTION
- ▶ GEARLESS WITH P.M.S. MOTORS

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# —Passenger Elevators—



HOISTWAY MACHINE ROOM  
PLAN FOR AUTO DOOR



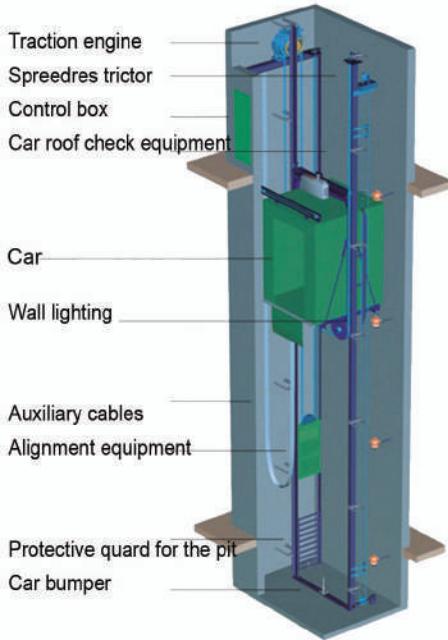
Passenger elevator, to human nature as the height, to science and technology as a weapon,to design for the pioneer,in technology and the adoption of a new generation of permanent magnet synchronous gearless traction machine and computer control technology,the convergence of data network system and modular structure.and use the most effective self-test procedure,so that the elevator system more flexible control accurate, efficient and reasonable.

DIMENSIONS TABLE

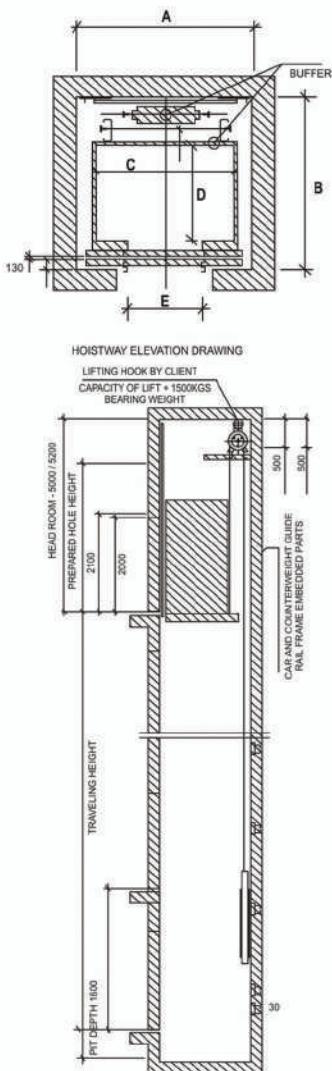
PERSON	LOAD IN KG.	LIFT WELL		CAR INSIDE		ENTRANCE	MACHINE ROOM			PIT	OVER HEAD
		WIDTH	DEPTH	WIDTH	DEPTH		W	D	H		
B		A			D	E					
4	272	1600	1400	1000	800	700	2500	3000	2500	1350	4200
5	340	1600	1500	1100	900	700	2500	3000	2500	1450	4500
6	408	1600	1500	1100	1000	700	3000	3500	2500	1500	4500
8	544	1800	1800	1300	1100	800	3200	3500	2500	1600	4800
10	680	1900	1800	1300	1300	800	3500	4000	2500	1800	4800
13	884	2500	2000	2000	1100	900	4000	4200	2500	2200	5000
16	1088	2500	2200	2000	1300	1000	4500	4800	2500	2500	5200
20	1360	2600	2400	2000	1500	1000	5000	5500	2500	2500	5500

- All dimension are in mm.
- This is general data.
- It may be changed without notice.
- All hoist way walls should be minimum 230 mm brick or 150 mm R.C.C.

# Machine Roomless Elevators



- STS Elevator is counted amongst the most recognized names engaged in designing and developing Machine Roomless Elevator. Thought traction lifts were originally limited to high-rises, the innovative MRL design has allowed engineers to adapt elevators for low-rise buildings and homes.
  - The advance of MRL is much appreciated by civil engineers, architects and users.
  - These elevators save 25 percent electricity and 10 percent of construction area.
  - MRL have broken through the prerequisite for machine rooms, providing limitless possibilities of creation for the limited space of modern construction.
- Features : Longer functional life, Required low maintenance.



DIMENSIONS TABLE

LOAD		CAR INSIDE		HOIST WAY		ENTRANCE	SPEED MPS	PIT DEPTH	OVER HEAD
PERSON	KG.	A	B	C	D	E			
6	408	1100	1000	1800	1800	700	UPTO 1.5	1600	5100
8	544	1300	1100	2000	1800	800			
10	680	1350	1300	2100	2100	800			
13	884	1600	1500	2400	2350	900	UPTO 1.5	2600	7000
16	1088	1800	1500	2600	2400	1000			
20	1360	2000	1550	2800	2500	1000			

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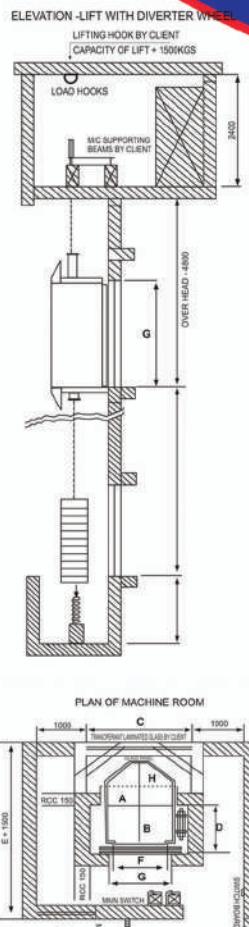
# Panoromic (Capsule) Elevators



The elegant appearance graced your building, multi-angle enjoy outside landscape, widen the passenger's field of vision. Lighting outside car unitary in surrounding environment, making the panoramic elevator as a bright view line. STS elevator gives the building character and vitality. No matter whether outdoors or indoors, panoramic elevator can become a focus of attention, and the passengers can easily enjoy the architectural styles and the surrounding landscape. Its dynamic and colorful style forms into a mobile landscape on building. Magnificent circular panoramic elevator is a classic design, circular car and down firing lighting brought feeling of the future of the world. There are also angled, semi-circular, cut-based and other forms of panoramic elevator, no matter matching with what kind of the building, it can reflect a unique style.

DIMENSIONS TABLE

CAPACITY		CAR INSIDE		LIFT WELL			CLEAR ENTRANCE	CLEAR OPENING AT LANDING		PIT DEPTH
PERSON	IN KG.	A	B	C	D (AUTO DOOR)	D (MANUAL TELESCOPIC)	E	O (AUTO DOOR)	O (MANUAL TELESCOPIC)	P
6	408	1170	1200	1650	1700	1550	700	780 X 2100	1450 X 2350	1500
8	544	1300	1400	1900	1900	1750	800	880 X 2100	1600 X 2350	1600
10	680	1300	1700	2100	2150	1050	800	880 X 2100	1600 X 2350	1600
13	884	1400	2050	2300	2500	2400	900	980 X 2100	1700 X 2350	1700
16	1088	1500	2300	2400	2750	2650	900	980 X 2100	1700 X 2350	1800

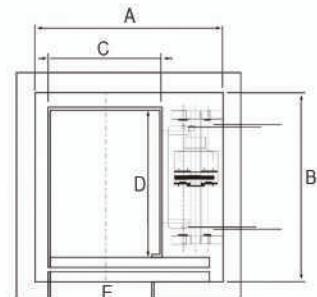
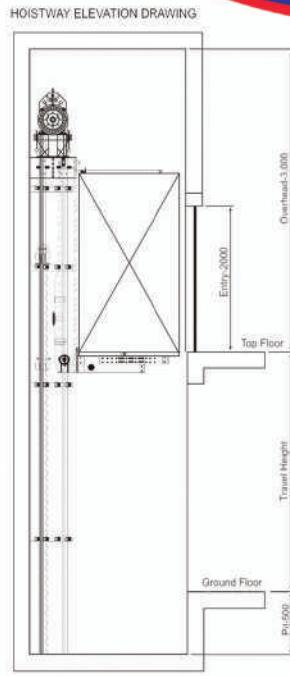
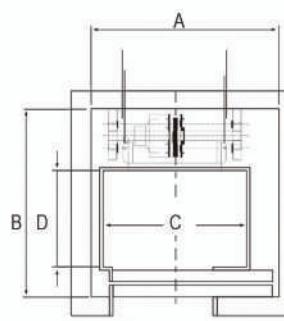


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# Residential ( Home) Elevators —



Home Elevators reduce wasteful electrical usage. In addition to a high-efficiency motor, they are equipped with an automatic illumination shutoff function and an energy saving operation mode as a standard feature that dramatically reduces standby power consumption. "



## DIMENSIONS TABLE

DOOR OPERATION	LOAD		LIFT WELL		CAR INSIDE		ENTRANCE	SPEED	PIT	OVER HEAD
	PERSON	IN KG.	A	B	C	D				
MANUAL DOOR	3	204	1100	1200	810	700	700	0.3	550	3100
MANUAL DOOR	4	272	1300	1400	800	1200	700	0.3	550	3100
AUTO DOOR	3	204	1250	1250	810	700	700	0.3	550	3100
AUTO DOOR	4	272	1300	1600	850	1150	700	0.3	550	3100

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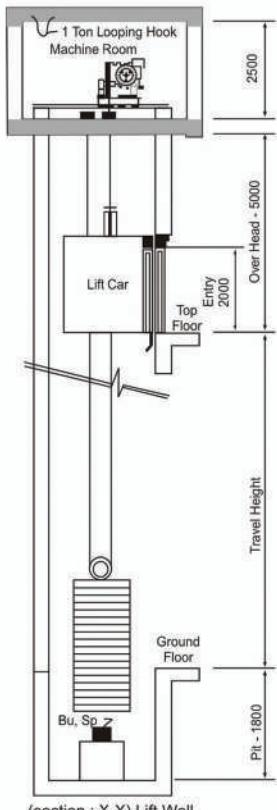
# Hospital Elevators



Hospital elevator is not only used to convey the passengers. It has special and strict requirements of function and performance because of its special use purpose. Hospital elevator can accurately control the lift running speed with smooth and comfortable operation. Hospital elevator lays stress on the humane design. It fully optimizes the car structure and satisfies the customer using demands to the maximum. It provides the passengers with a quite and elegant space. Hospital elevator creates a harmonious space unity to the hospital environments by its unique design. It furnishes the passengers with a cozy atmosphere and the patients will be more confident about their recovery by using such kind of elevator products.

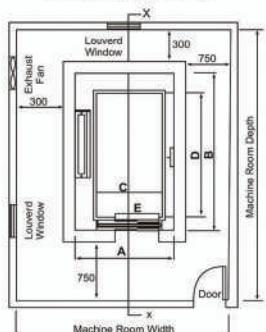


HOISTWAY ELEVATION DRAWING



(section : X-X Lift Well)

HOISTWAY ELEVATION PLAN



DIMENSIONS TABLE

LOAD		LIFT WELL		CAR INSIDE		ENTRANCE		MACHINE ROOM			PIT	OVER HEAD
PERSON	WEIGHT	WIDTH	DEPTH	WIDTH	DEPTH			WIDTH	DEPIH	HEIGHT		
	IN KG.	A	B	C	D	E		W	D	H	P	O
15	1020	1700	3000	1000	2400	800		3800	5500	2800	1600	4800
20	1360	2200	3000	1300	2400	1200		4200	5500	2800	2600	6500
26	1768	2350	3000	1600	2400	1200		4400	5500	2800	2600	6700

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- All hoist way walls should be minimum 230 mm brick or 150 mm R.C.C.

# Industrial /Dumb Waiter/Car Lift

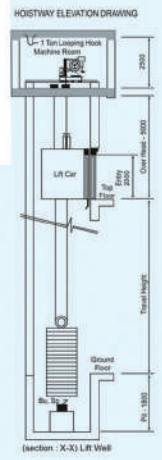


## GOODS ELEVATOR

LOAD WEIGHT	LIFTWELL		CAR INSIDE		ENT. MANUAL	MACHINE ROOM			PIT	OVERHEAD
	WIDTH	DEPTH	WIDTH	DEPTH		WIDTH	DEPTH	HEIGHT		
IN KG.	A	B	C	D	E	W	D	H	P	O
500	1900	1600	1100	1200	800	3000	3800	2800	1600	4800
1000	2300	2200	1400	1800	1000	3000	4000	2800	1600	4800
1500	2600	2400	1700	2000	1200	3200	4200	2800	1800	4800
2000	2600	2800	1700	2500	1200	3200	4400	3000	2000	4800
2500	2900	3000	2000	2500	1200	3500	4600	3000	2600	6500
3000	2900	3400	2000	3000	1400	3500	4800	3200	2600	6500
4000	3400	3600	2500	3000	1800	4000	5000	3200	2600	6500
5000	3500	4300	2500	3600	2000	4200	5400	3200	2600	6500

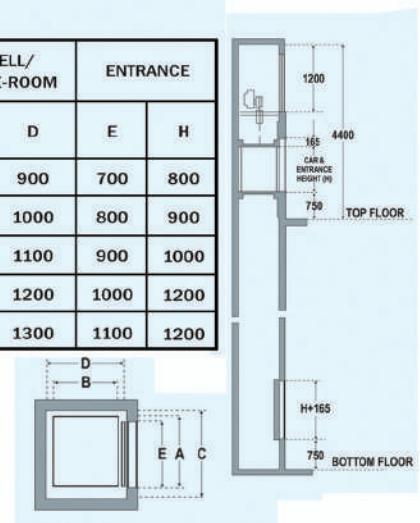
## CAR ELEVATOR

SR.No.	CAR INSIDE		LIFT WELL		ENTRANCE	
	C	D	A	B	W	H
1	3000	2000	3000	2900	3300	2000
2	4000	2500	3000	3400	3300	2500
3	5000	2500	3600	3400	3900	2500



## DUMB WAITERS

LOAD KG	SPEED MPS	CAR-INSIDE			LIFT WELL/ MACHINE-ROOM		ENTRANCE	
		A	B	H	C	D	E	H
100	0.50	700	700	800	1200	900	700	800
150	0.50	800	800	900	1300	1000	800	900
200	0.25	900	900	1000	1400	1100	900	1000
250	0.25	1000	1000	1200	1500	1200	1000	1200
300	0.25	1100	1100	1200	1600	1300	1100	1200



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## TYPE OF DOOR



S.S. Center Opening



Glass Door



2 pannel Side Openning



2 pannel Side Openning



Collapsible Door



Swing Door



Imperforated Door



HANDRAILS

## COP & LOP



Standard

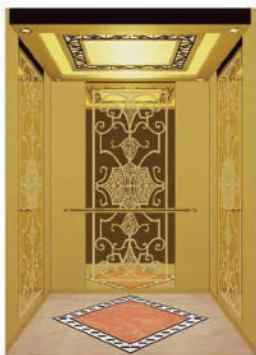


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# CABIN DESIGN



S.S. Gold Finished



S.S. Wooden Finished



S.S. Hairline Finished



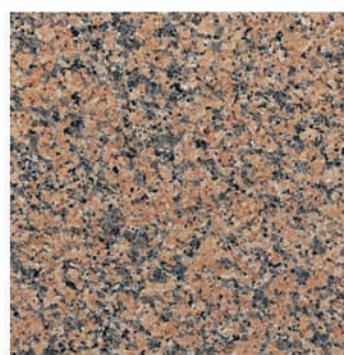
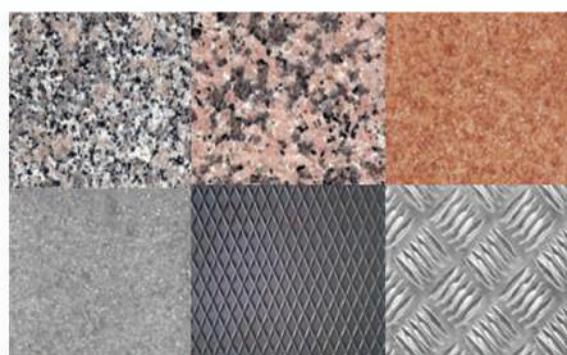
MS Painted



## CEILING DESIGN



## FLOORING DESIGN



## MOTOR

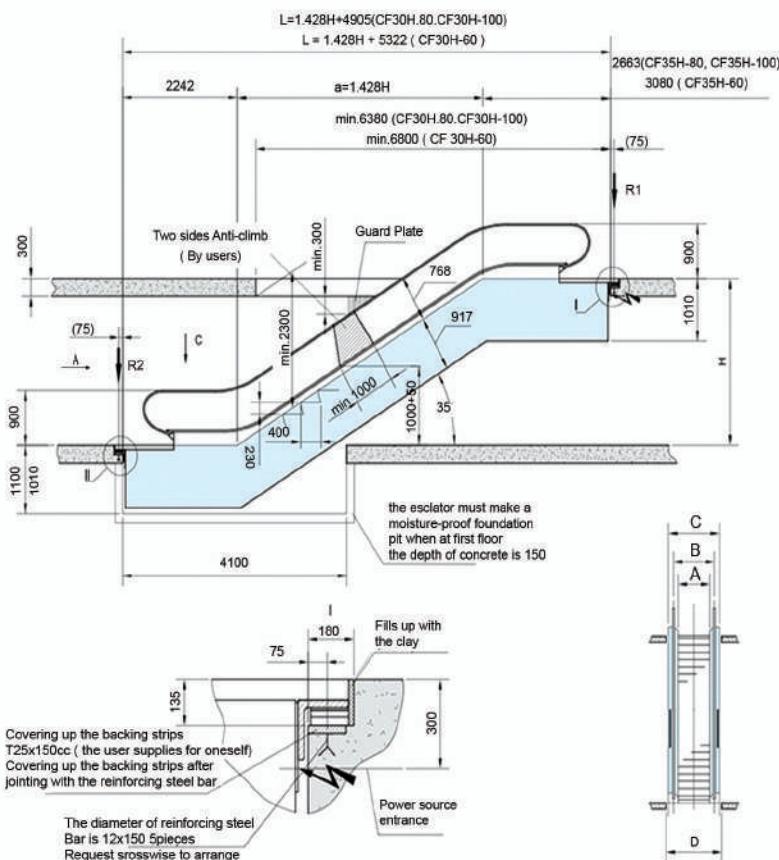


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# ESCALATORS



Escalators fully apply the novel materials and the Advanced domestic and overseas technology for design and manufacture. The escalators have the consummate structure, elaborate stairway, delicate belt, attractive outline, they are widely applicable for large passenger flow areas such as the shopping centers, supermarkets, subways, airports etc. It adds a charming mobile view for vast construction.



DIMENSIONS TABLE

Technical Speed (mm)	Self-weight (kN)	Support Counterforce (kN)		Technical Speed (mm)	Self-weight (kN)	Support Counterforce (kN)	
H	G	R1	R2	H	G	R1	R2
3000	62.0	53.2	47.9	4600	73.8	66.4	59.4
3100	62.8	54.0	48.6	4700	74.6	67.5	60.5
3200	63.6	54.9	49.3	4800	75.4	68.5	61.5
3300	64.4	55.8	50.0	4900	76.2	69.6	62.2
3400	65.2	56.7	50.7	5000	77.0	70.6	63.6
3500	66.0	57.5	51.4	5100	77.6	71.5	64.4
3600	66.6	58.2	52.1	5200	78.2	72.4	65.0
3700	67.3	58.9	52.8	5300	78.8	73.2	65.7
3800	67.9	59.6	53.5	5400	79.4	74.1	66.4
3900	68.5	60.3	54.2	5500	80.0	75.0	67.1
4000	69.0	61.0	54.9	5600	80.8	75.7	67.87
4100	69.8	61.9	55.6	5700	81.6	76.4	68.5
4200	70.6	62.8	56.3	5800	82.4	77.1	69.2
4300	71.4	63.6	57.0	5900	83.2	77.8	69.9
4400	72.2	64.5	57.7	6000	84.0	78.4	70.6
4500	73.0	65.4	58.4				

SIZE CODE	SCF35H-60	SCF35H-80	SCF35H-100
A	600	800	1000
B	836	1036	1236
C	1200	1400	1600
D	1260	1460	1660
E	1910	2110	2310
F	2660	2860	3260
G	3310	3510	3910

In the table G,R1,R2,R3 are the SCF35H-100 escalators self-weight and supporting reaction; SCF35H-80 escalators self-weight and supporting reaction for table in value 90%. SCF35H-60 escalator self-weight and supporting reaction for table in value 80%

# STS ELEVATORS



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