



TS ELEVATORS & ESCALATORS

Changes For The Better



**Our aim is to Manufacture a better Lift for Customers
We always ensure the best services after sales**

RIDING COMFORT

Advanced guide Shoes suppress
Running vibration.

Advanced control system suppresses the motor,
Noise and vibrations.

Jerk free smooth travels is ensured
By efficient Monarch Drives.

QUALITY ASSURANCE

Ideal And Orientation

T S ELEVATORS Provide Customers
the finest Products and the most
excellent service.

'BEST QUALITY AT THE RIGHT PRICE'

Is the company quality policy.

The company provides customers the safest,
Most economic lift products and service.

The elevator industry is a specialized,
Scientific and techno-logic modernized
Industry.

It integrates the knowledge of the
Architecture, mechanism, electrical
Engineering and other professional fields.

The industry is about technological vertical
Transportation system and the extension of human's
Demand for going upward and downward.

It is not only a perfect mechanical and electrical
Engineering integration system but also the perfect combination
Of architecture and technology. With the professional
Team of scientific management T S ELEVATORS
Provides the people the elevator products
And after sales service with not only the
Best but also the perfect pursuing

EFFICIENCY

Auto Turn-off of car lights and fan.

Use of power saving efficient drives.

LED lighting saves the power consumption

And enhances the service life.

T S ELEVATORS maintains very strict quality

And service standards for manufacturing and
Installing for its equipment and services,
which

Meet or exceed elevator safety standards.

Our skilled technicians render quality
Installations and service.

Our Products have following features, which
Have enhanced their popularity in the market.

- Durability.
- Reliability.
- Material strength.
- Smooth Functioning.
- Energy efficient.
- Sturdy Construction.
- User friendly.
- Easy in Operation.

PRODUCT RANGE

- Passenger elevators.
- Hospital/ Stretcher elevators.
- Capsule elevators.
- Hydraulic elevators.
- Freight elevators.
- Industrial elevators.
- Car elevators.
- MRL elevators.



T S ELEVATORS AUTOMATIC PASSENGER

The Advanced permanent magnet synchronous motor driven gearless traction machine, without the speed reduction device, it greatly reduces the machine room space. The space above the elevator wall sha G is sufficient to accommodate the gearless machine and controller. A gearless machine controlled by serial open / close loop drive provides a quiet, smoother and comfortable ride. The series products can be widely applicable for the hotels, medium and high grades of the business and residential buildings. It comprehensively satisfies the requirements from the daily transport passengers.

T S ELEVATORS puts great emphasis on safety and the need to maintain disruption jerk free movement of passengers. T S ELEVATORS are available in various passenger capacities, speed and compatible functional features and interiors to choose from.

STANDARD DIMENSIONS FOR T S ELEVATORS AUTOMATIC PASSENGER

T S ELEVATORS CENTER OPENING POWER DOOR												
Capacity	Car Size		Shaft Size		OPENING	Pit			Overhead			
	Width	Depth	Width	Depth		1.0/1.5 Mps	1.75 Mps	2.0/2.5 Mps	1.0 Mps	1.5 Mps	1.75 Mps	2.0/2.5 Mps
4	1100	700	1600	1250	700	1600	---	---	4800	---	---	---
5	1100	850	1600	1400	700	1600	---	---	4800	4800	---	---
6	1100	1000	1600	1550	700	1600	2150	---	4800	4800	5200	---
8	1300	1100	1800	1650	800	1600	2150	2250	4800	4800	5200	5500
10	1300	1300	1800	1850	800	1600	2150	2250	4800	4800	5200	5500
13	2000	1100	2500	1650	900	1600	2150	2250	4800	4800	5200	5500
16	2000	1300	2500	1850	1000	1600	2150	2250	4800	4800	5200	5500
20	2000	1550	2500	2100	1000	1600	2150	2250	4800	4800	5200	5500
26	1950	1950	2750	3000	1200	1600	2150	2250	4800	4800	5200	5500

T S ELEVATORS TELESCOPIC OPENING DOOR (SIDE OPENING)												
Capacity	Car Size		Shaft Size		OPENING	Pit			Overhead			
	Width	Depth	Width	Depth		1.0/1.5 Mps	1.75 Mps	2.0/2.5 Mps	1.0 Mps	1.5 Mps	1.75 Mps	2.0/2.5 Mps
4	750	1000	1350	1550	700	1600	---	---	4800	---	---	---
5	850	1100	1350	1650	700	1600	---	---	4800	4800	---	---
6	900	1200	1400	1750	700	1600	2150	---	4800	4800	5200	---
8	1100	1300	1600	1850	800	1600	2150	2250	4800	4800	5200	5500
10	1200	1450	1650	2000	800	1600	2150	2250	4800	4800	5200	5500
13	1100	2000	1500	2550	900	1600	2150	2250	4800	4800	5200	5500
15	1000	2400	1750	3000	900	1600	2150	2250	4800	4800	5200	5500
16	1150	2350	1950	3000	1000	1600	2150	2250	4800	4800	5200	5500
20	1300	2400	2100	3000	1000	1600	2150	2250	4800	4800	5200	5500
26	1600	2400	2400	3000	1200	1600	2150	2250	4800	4800	5200	5500

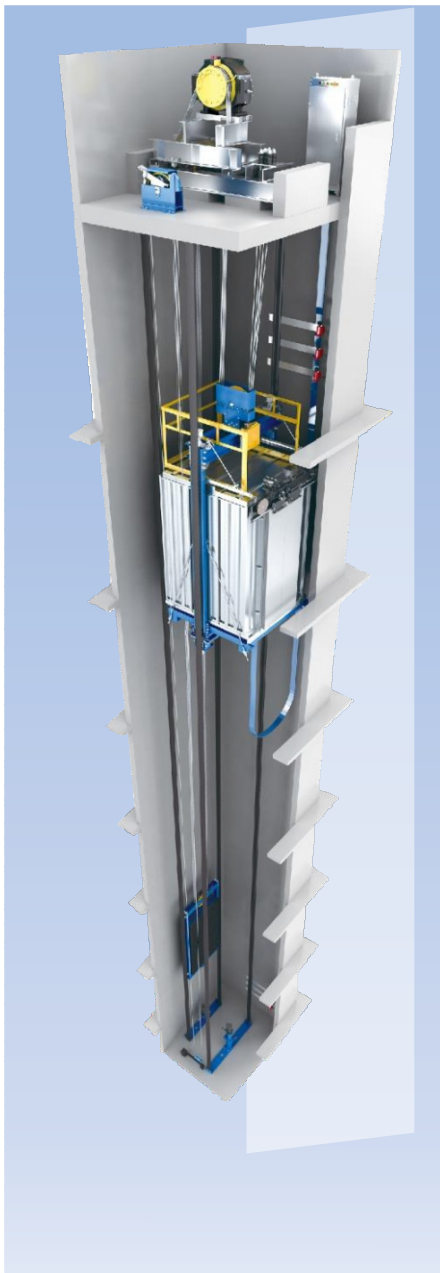
STANDARD DIMENSIONS FOR T S ELEVATORS OBSERVATION PASSENGER (REAR SIDE GLASS LIFT)

T S ELEVATORS CENTER OPENING DOOR														
Capacity	Car Size		Shaft Size		OPENING	Pit				Overhead			M/C Room	
	Width	Depth	Width	Depth		0.7 Mps	1.0 & 1.5 Mps	1.75 Mps	2.0 Mps	0.7 & 0.1 Mps	1.5 Mps	1.75 ^ 2 Mps	Width	Depth
4	750	1000	1650	1400	700	1350	1600	2150	2250	4250	4800	5200	350	3900
5	850	1100	1700	1500	700	1350	1600	2150	2150	4250	4800	5200	3200	4000
6	900	1200	1700	1600	700	1350	1600	2150	2150	4250	4800	5200	3200	4100
8	1100	1300	1900	1700	800	1350	1600	2150	2150	4250	4800	5200	3400	4200
10	1200	1450	1950	1850	800	1500	1600	2150	2150	4250	4800	5200	3450	4350
13	1100	2000	2000	2400	900	1500	1600	2150	2150	4250	4800	5200	3500	4900
15	1000	2400	1950	2800	900	1500	1600	2150	2150	4250	4800	5200	3450	5300
16	1150	2350	2100	2750	1000	1500	1600	2150	2150	4250	4800	5200	3600	5250
20	1300	2400	2200	2800	1000	1500	1600	2150	2150	4250	4800	5200	3700	5300
26	1600	2400	2550	2800	1200	1500	1600	2150	2150	4250	4800	5200	4050	5300



T S ELEVATORS TELESCOPIC OPENNING DOOR (SIDE OPENING)

Capacity	Car Size		Shaft Size		OPENING	Pit				Overhead			M/C Room	
	Width	Depth	Width	Depth		0.7 Mps	1.0 & 1.5 Mps	1.75 Mps	2.0 Mps	0.7 & 0.1 Mps	1.5 Mps	1.75 & 2 Mps	Width	Depth
4	750	1000	1450	1450	700	1350	1600	2150	2250	4250	4800	5200	2950	3950
5	850	1000	1550	1550	700	1350	1600	2150	2150	4250	4800	5200	3050	4050
6	900	1200	1600	1650	700	1350	1600	2150	2150	4250	4800	5200	3100	4150
8	1100	1300	1800	1750	800	1350	1600	2150	2150	4250	4800	5200	3300	4250
10	1200	1450	1900	1950	800	1500	1600	2150	2150	4250	4800	5200	3400	4450
13	1100	2000	1800	2500	900	1500	1600	2150	2150	4250	4800	5200	3300	5000
15	1000	2400	1700	2900	900	1500	1600	2150	2150	4250	4800	5200	3200	5400
16	1100	2350	1800	2850	1000	1500	1600	2150	2150	4250	4800	5200	3300	5350
20	1300	2400	2000	2900	1000	1500	1600	2150	2150	4250	4800	5200	3500	5400
26	1600	2400	2300	2900	1200	1500	1600	2150	2150	4250	4800	5200	3800	5400

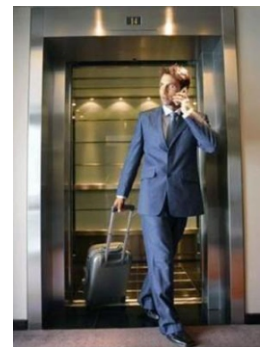


OPTIONAL FUNCTIONS

- Voice announcement (any language)
- Car LCD display with message
- Duplex control
- Hand rail in car
- Time & temperature display
- Group supervision function
- VIP service (for elevator group)
- Close loop system to monitor performance
- Detection of stuck hall button to skip landing.
- Advance detection of floor before landing
- Parking system
- Car call cancellation system
- Automated monitoring system with potential free contact
- Automatic rescue device (Slow speed/High speed)
- Full collective system
- Overload protection with display and buzzer.
- In between landing call bypass on full load
- Intercom facility
- LiG out of order display
- Touch screen

STANDARD FUNCTIONS

- Down collective control
- VVVF Drive
- Self diagnosis of breakdown
- Emergency light
- Automatic leveling with ground on power restoration.
- Attend operation for nonstop destination landing
- Floor destination indicator in car and landings.
- Direction change function in attend mode.
- Independent operation
- Emergency alarm
- Door open announcement system
- Home landing.



T S ELEVATORS MACHINE ROOM LESS (MRL)

T S ELEVATORS has got range of MRL Elevators is lighter and more efficient than the conventional traction motor available. It is available of providing very high peak efficiency. MRL elevators are installed at the building where client want to avoid machine room height exceeding the by-laws structure height of the building or the client is interested in terrace opening. This technology is used in passenger, hospital, capsule elevators. These products are developed with the help of the best available technology and effective technology and effective materials. Available in 4 Passengers to 26 passengers.



T S ELEVATORS MRL CENTER OPENING DOOR										
Capacity	Car Size		Shaft Size		Opening	Pit		Over Head		
	Width	Depth	Width	Depth		1 Mps & 1.5 Mps	1.75 mps	1 mps	1.5 mps	1.75 mps
4	700	1100	1750	1500	700	1600	2150	4800	4800	5000
5	850	1100	1850	1500	700	1600	2150	4800	4800	5000
6	900	1200	1850	1600	700	1600	2150	4800	4800	5000
8	1100	1300	2050	1700	800	1600	2150	4800	4800	5000
10	1250	1400	2150	1800	800	1600	2150	4800	4800	5000
13	1100	2000	2150	2400	900	1600	2150	4800	5000	5300
15	1000	2400	2100	2800	900	1600	2150	4800	5000	5300
16	1300	2000	2350	2400	1000	1600	2150	4800	5000	5300
20	1300	2400	2350	2800	1000	1600	2150	4800	5000	5300
26	1600	2400	2450	2800	1200	1600	2150	4800	5500	5500



T S ELEVATORS MRL TELESCOPIC DOOR (SIDE OPENING)										
Capacity	Car Size		Shaft Size		Opening	Pit		Over Head		
	Width	Depth	Width	Depth		1 Mps & 1.5 Mps	1.75 mps	1 mps	1.5 mps	1.75 mps
4	700	1100	1500	1600	700	1600	2150	4800	4800	5000
5	850	1100	1650	1600	700	1600	2150	4800	4800	5000
6	900	1200	1700	1700	700	1600	2150	4800	4800	5000
8	1100	1300	1900	1800	800	1600	2150	4800	4800	5000
10	1250	1400	2050	1900	800	1600	2150	4800	4800	5000
13	1100	2000	1900	2500	900	1600	2150	4800	5000	5300
15	1000	2400	1800	2900	900	1600	2150	4800	5000	5300
16	1300	2000	2100	2500	1000	1600	2150	4800	5000	5300
20	1300	2400	2100	2900	1000	1600	2150	4800	5000	5300
26	1600	2400	2450	2900	1200	1600	2150	4800	5500	5500



T S ELEVATORS HOME ELEVATOR (MRL)

LIFTING HOME MODILITY

Making life easier by moving people and their goods between floors, now our home elevators make the convenience home a realistic option. We all love a little luxury in our home especially technology that makes the life flow a little easier. We have developed a range of domestic li Gs that make the movement of people and goods over two or more floors just a natural part of everyday of home. Up to 4 passenger capacity and travel up to 4 floors.

Rediscover your freedom and the pure pleasure of being able to move through your home at ease of a button / commands.

STANDARD DIMENSIONS FOR T S HOME ELEVATOR (With GERMAN TECHNOLOGY)

Capacity In Kg	Speed In M/S	Door		Car Sizes		Shaft Sizes		Overhead In mm	Pit In mm
		Door Type	EW X2000mm Ht.	W In mm	D In mm	SW In mm	SD In mm		
272,340 & 408	0.15,0.2,0.3 & 0.4	T2	700	800 to 1200	1000 to 1400	W+600	D+350	Min. 3000	Min.300
		T2	800	900 to 1200	1000 to 1400	W+600	D+350		
		C2	700	800	1000 to 1400	1600	D+300		
		C2	700	850	1000 to 1400	1600	D+300		
		C2	700	900	1000 to 1400	1600	D+300		
		C2	700	950	1000 to 1400	1650	D+300		
		C2	700	1000	1000 to 1400	1650	D+300		
		C2	700	1050	1000 to 1400	1650	D+300		
		C2	700	1100	1000 to 1400	1700	D+300		
		C2	700	1150	1000 to 1400	1750	D+300		
		C2	700	1200	1000 to 1400	1800	D+300		
		C2	800	900	1000 to 1400	1775	D+300		
		C2	800	950	1000 to 1400	1775	D+300		
		C2	800	1000	1000 to 1400	1775	D+300		
		C2	800	1050	1000 to 1400	1775	D+300		
		C2	800	1100	1000 to 1400	1775	D+300		
		C2	800	1150	1000 to 1400	1775	D+300		
C2	800	1200	1000 to 1400	1800	D+300				

NOTE : IS 15259 Compliance

T2 = Telescopic 2 Panel

D = Car Inside Depth

C2 = Center Opening 2 Panel

SW = Shaft Width

EW = Entrance Width

SD = Shaft Width

W = Car Inside Width

- 3100 mm Overhead for 2100 mm door height
- 3400 mm Overhead for Glass Cabin



T S ELEVATORS FREIGHT/GOODS

T S ELEVATORS Freight/Goods elevators is a tough product designed to meet the rough and tough vertical movement of heavy industrial goods, containers and any material in manufacturing and service industry. These elevators are designed **with heavy duty and durable components to meet heavy load** and varying capacities. We specialize in vertical movement of goods elevator with more than one ton and it can withstand the daily rigors of vertical transportation of heavy loads with ease, noise free and smoothness.

STANDARD DIMENSIONS FOR T S ELEVATORS GOODS

Load Kg.	Car (A) Width	Car (B) Depth	Shaft (C) Width	Shaft (D) Depth	Opening (E)	M/C Room (F) Width	M/C Room (G) Depth	M/C Room (H) Height	Pit (I) Depth	Over Head (J)
500	1100	1200	1900	1900	1100	3400	4000	2750	1600	4800
800	1200	1700	2000	2000	1100	3500	4800	2750	1600	4800
1000	1400	1800	2300	2300	1400	3800	4600	2750	1600	4800
1500	1700	2000	2600	2600	1700	4100	4800	2750	1600	4800
2000	1700	2500	2600	2600	1700	4100	5300	2750	1600	4800
2500	2000	2500	2900	2900	1700	4400	5300	2750	1600	4800
3000	2000	3000	2900	2900	2000	4400	5800	2750	1600	4800
4000	2500	3000	3400	3400	2500	4500	5800	2750	1600	4800
5000	2500	3600	3400	3400	2500	4500	6400	2750	1600	4800

T S ELEVATORS HOSPITAL

Hospital elevators are primarily for vertical movement of stretchers and patients made with great workmanship and trouble free performance. This elevator comes in various capacities for stretcher and patient which require 100% jerk free, related critical care equipment, hospital staff. These elevators are designed to meet very high standards of safety in hospitals, nursing homes and other health care centers.

STANDARD DIMENSIONS T S ELEVATORS HOSPITAL / STRETCHER

No. of Passenger	Load Kg.	Car (A) Width	Car (B) Depth	Shaft (C) Width	Shaft (D) Depth	Opening (E)	M/C Room (F) Width	M/C Room (G) Depth	M/C Room (H) Height	Pit (I) Depth	Over Head (J)
15	1020	1000	2400	1800	3000	800	3300	5500	2750	1600	4800
20	1360	1300	2400	2200	3000	1200	3700	5500	2750	1600	4800
26	1768	1600	2400	2400	3000	1200	3900	5500	2750	1600	4800



T S ELEVATORS CAR PARKING

T S ELEVATORS car elevator is specially designed for the movement between the floors carrying vehicle elevators for motorcycles, cars, vans and other commercial vehicles. We offer both manual and by parting solutions to match the individual requirements of your project. Making the correct selections of size, capacity, speed, power system and door arrangement elevators for vehicles.

STANDARD DIMENSIONS FOR AUTOMOBILE ELEVATOR

Capacity (kgs)	Shaft Size		Car Size			Entrance		Machine Room		Pit Depth	Over Head
	Width	Depth	Width	Depth	Height	Width	Height	Width	Depth		
2500	3500	6000	2600	5266	2300	2300	2100	4000	6000	1500	5000
3000	3900	6000	3000	5266	2300	2300	2100	4000	6000	1500	5000

T S ELEVATORS CAPSULE

Keeping in mind with on-going market trends, we design, fabricate and install Capsule Elevators. These elegantly designed liGs are widely used in corporate houses, hotel, show rooms, private bungalows and other commercial establishments for vertical transportation. Our liGs are fabricated using high grade stainless steel and glass. They can be made as per the specifications of the clients in half round imported toughened glass and full round imported toughened glass. Following are some other details of the liGs:

- Well furnished interiors.
- Round toughened glass as per the demands blends well in any modern setting smooth, jerk free rides.
- Panoramic view.
- Size as per the clients demand and architectural sizes.

CAPSULE ELEVATOR

Persons	Load	Car Width (A)	Car Depth (B)	Shaft Wid. (C)	Shaft Dep. (D)	Opening (E)
8	544	1100	1400	2350	1300	800
10	680	1350	1400	2600	1300	800
13	884	1350	1700	2600	1600	900
16	1088	1600	1700	2800	1600	1000
20	1360	1600	2000	3050	1900	1000



T S ELEVATORS MANUAL PASSENGER

T S ELEVATORS are with advanced technology in vertical transportation with manual functions. The only difference is to open and close the doors manually. It provides comfortable hi-speed with elegant looks in quick and safe mode for vertical movement in high rise buildings and provides state-of-the-art elevator technology. T S ELEVATORS puts great emphasis on safety and the need to maintain disruption jerk free movement of passengers. T S ELEVATORS are available in various passenger capacities, speed and compatible functional features and interiors to choose from.

STANDARD DIMENSIONS FOR T S ELEVATORS MANUAL

No. of Passenger	Load Kg.	Car (A) Width	Car (B) Depth	Shaft © Width	Shaft (D0) Depth	Opening €	M/C Room (F) Width	M/C Room (G) Depth	M/C Room (H) Height	Pit (I) Depth	Over Head (J)
4	272	1100	700	1600	1200	700	3100	3700	2750	1600	4500
5	340	1100	850	1600	1350	700	3100	3850	2750	1600	4500
6	408	1220	900	1700	1400	700	3200	3900	2750	1600	4500
8	544	1300	1100	1800	1600	800	3300	4100	2750	1600	4500

T S ELEVATORS HYDRAULIC

With the specialized hydraulic machine designed, there is no machine room needed. The innovative design is integrated with the modernization, humanization, as well as advanced technology and is well fitted in the houses, business buildings, schools, factories etc. In addition, there would be more free space available for the architecture design. By getting rid of the constraint of traditional machine room design, it would significantly decrease the construction cost and machine room maintenance expenses. It is available in different specifications.

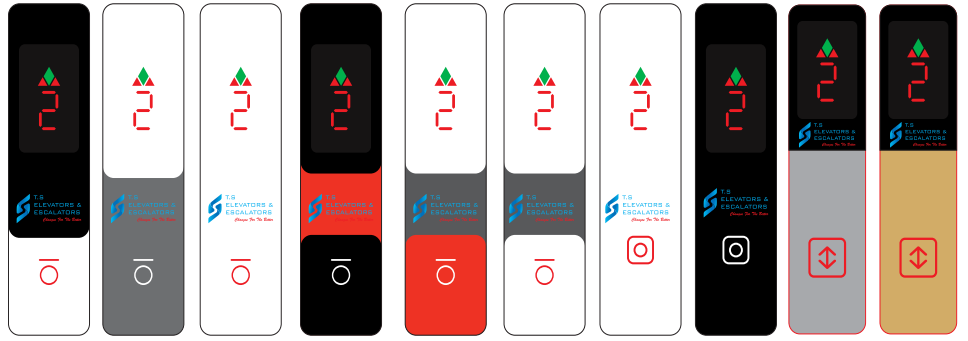
T S ELEVATORS DUMBWAITER

Dumbwaiter is the food elevator specially designed for the hospitality sector where it is used to transport food, crockery etc. from the kitchen to different floors hygienically. This elevator also bears T S ELEVATORS Elevator stamp of quality in the concept, design, production and performance.

STANDARD DIMENSIONS FOR T S ELEVATORS DUMB WAITERS

Load Kg.	Car Dim (mm)			Shaft Dim (mm)		Entrance Dim (mm)	Machine Room Dim (mm)			Over Head Dim (MM)	Pit Depth Dim (mm)
	Width	Depth	Height	Width	Height		Width	Depth	Height		
100	700	700	800	1200	900	700	1200	1150	1200	4400	750
150	800	800	900	1300	1000	800	1300	1150	1200	4400	750
200	900	900	1000	1400	1100	900	1400	1150	1200	4400	750
250	1000	1000	1200	1500	1200	1000	1500	1150	1200	4400	750





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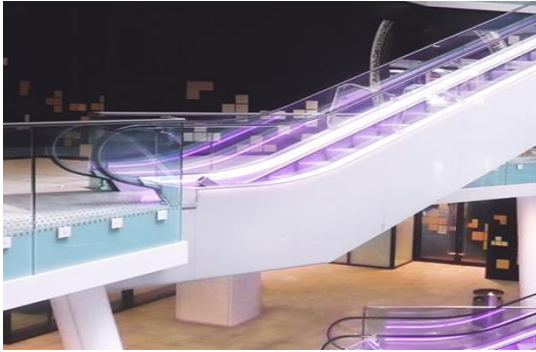
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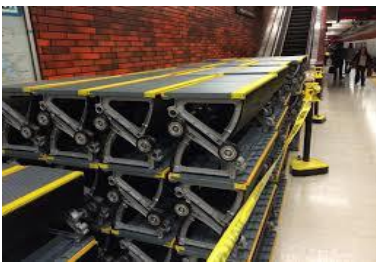
LIFT INTERIOR (PAINTED)



ESCALATORS



Step



Comb Plates

Step Chain



Handrail Belt



Newel chain



Roller



OUR ESTEEMED CUSTOMERS



Sun Operation & Maintenance Engineering Pvt. Ltd.

Making Buildings Greener

Brand Owned by :



Changes For The Better

OFFICE :

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Branch Office

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