



MINASTAR ELEVATOR (ZHANGJIAGANG) CO., LTD

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MINASTAR ELEVATOR (ZHANGJIAGANG) CO., LTD



COMPANY INTRODUCTION

Minastar Elevator (Zhangjiagang) Co., Ltd was established in March 2010. Joint venture with Fuji, Japan. It's a professional enterprise in designing, manufacturing and supplying all kinds of elevators. It's located in the biggest elevator manufacturer base Suzhou city. The company makes full use of its personal advantage of resource and its professional spirit, with the target to create value for the clients to provide high quality products.

Our Products comprise Passenger Elevator, Panoramic Elevator, Cargo Elevator, Home Elevator, Hospital Elevator, Escalators and Moving Walks etc. Our company follows ISO9001:2008 in the production to keep the quality and satisfy our clients. What's more, we keep on reinforcing the enterprise's interior overall competitiveness. Our elevators and escalators are very popular in Southeast Asia, Middle East, South American and other regions.

At present, our company has the advanced equipment and experienced technical team. We provide the best service to the clients with our technical power and complete operating system. To look into the distance, our company will focus on "Quality first and constantly strive for the perfection". To satisfy the needs of customers all around the world, we will continue to work diligently and devote ourselves to providing superior products and service.



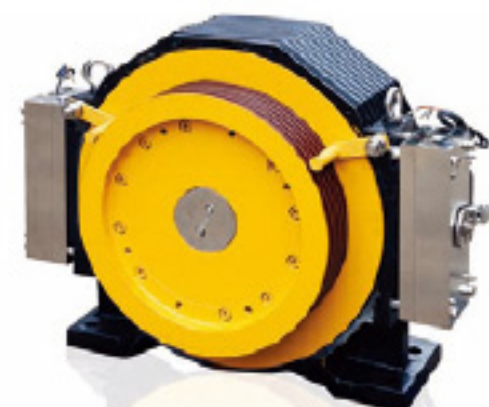


Permanent magnet synchronous gearless traction machine

VVVF is developed by Minastar Fuji Elevator, and which fits the idea of energy conservation, environmental protection and low carbon.

Comparing with the traditional technology, it has low carbon and energy saving, smaller space, low construction cost and low elevator running cost. It easily realizes the requirements of the maintenance of traction machine.

- Low noise
- Space saving
- Low carbon
- Stable



Stable control system

A lot of CPU redundancy control, composite and advanced Cabus, modbus and GSM communication technology, special weigh compensate device, high property vector current controller, making full use of the elevator's property and then acquire more comfort.



Frequency door operator system

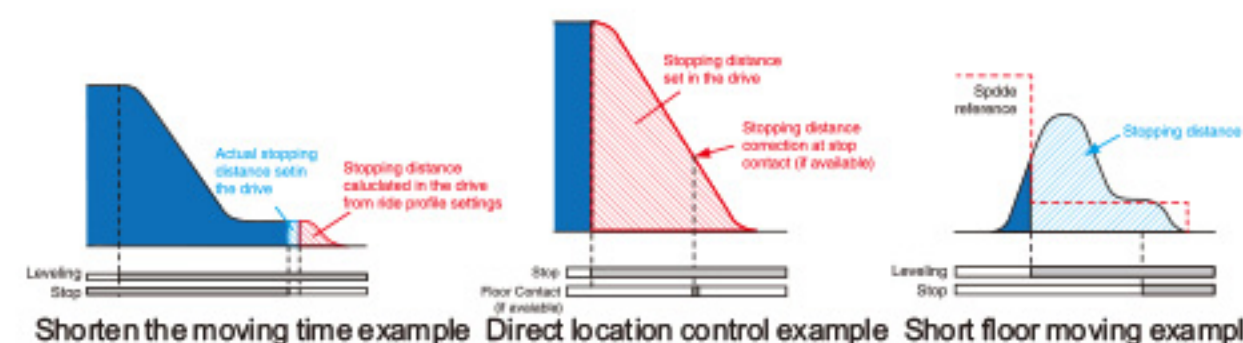
The speed of VVVF drive automatic door can be adjusted freely. The artful designment of door operation system won't influence the height of the cabin. The whole system is safe and stable.



Efficient vector elevator specialized inverter

It uses the high efficient current vector control and absolute value encoder to realize the high property sensorless torque compensation function, which makes it more comfortable to take the elevator.

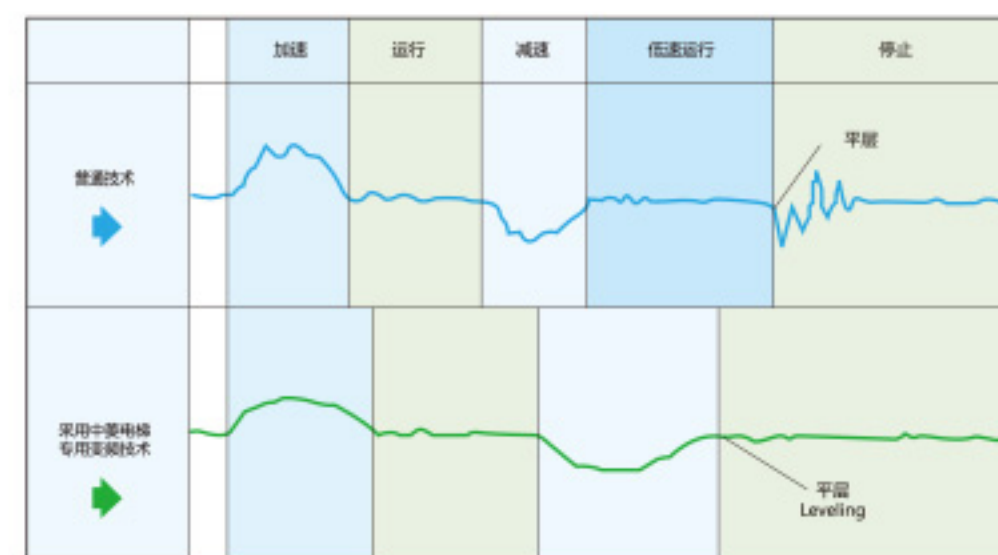
Elevator traction machine can do the stop type learning. It will be easier to maintain the elevator. Automatic torque compensation function can hold all kinds of weight of the elevator easily.



The inverter calculates the time automatically. It fixes position in the shortest time. It reduces the creeping time and makes the elevator more efficient and stable. The function of short floor can shorten the time of creeping into the smallest figure.

Realize stability and comfort

Frequency freight elevator controls the elevator through the vector frequency conversion variable pressure, rising property and reducing the running power and possessing the superior price performance ratio.



Remote control function

GSM mobile communication combines perfectly with the internet, collecting the computer board, inverter data, wireless remote transportation, realize the remote control of the internet.



MR PASSENGER ELEVATOR

In order to reduce the construction space, expand the use ratio of the construction space, make the buildings more graceful and beautiful, MINASTAR FUJI small machine room elevator uses the compact intensive permanent magnet synchronous gearless machine and specialized controller to make the area of the machine room the same with the shaft area.

Low Noise

Green

High Efficiency

Space Saving

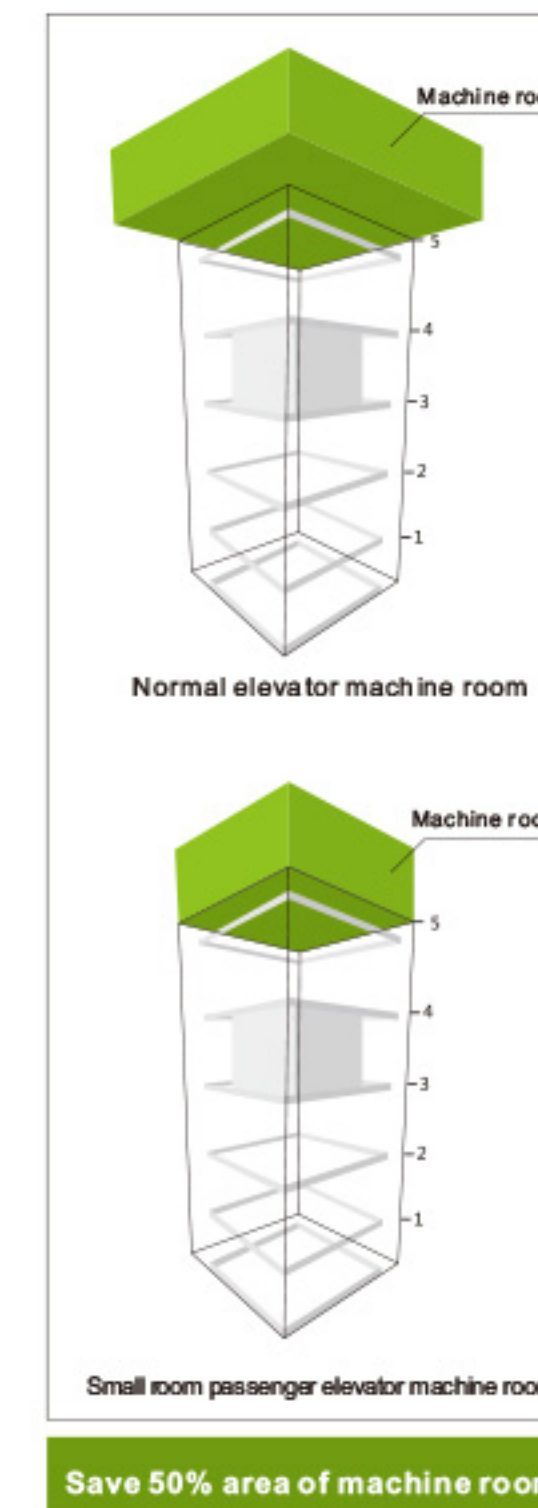
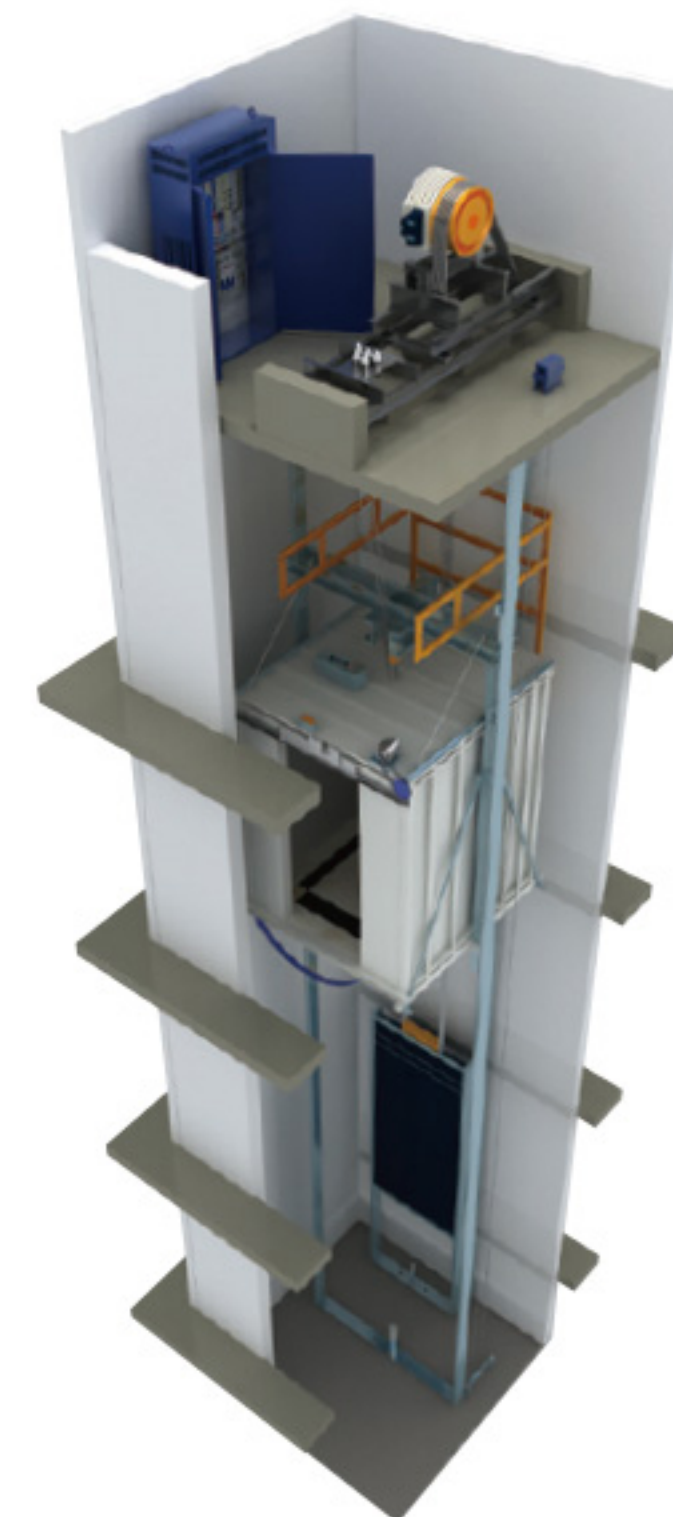
Stable

Reduce 40% elevator energy consumption

Use the advanced permanent magnet synchronous gearless traction machine, reduce 40% energy consumption, realize maintenance-free of the elevator motor.

Save the 50% machine room area

The space room of machine room is just an extension of the shaft size. So it's easy to build and the cost is small. Compact permanent magnet synchronous gearless machine can set apart more space for the machine room to put other control equipments.



Taking the environmental protection idea, energy-saving and cost-reducing, saving the construction area and promoting the designing freedom on himself, MINASTAR FUJI roomless elevator gives full expression to the green human-oriented spirit.

This kind of elevator only needs an independent shaft space. Compared with the traditional elevator of the same load, it can save 40% electric power and 10% construction area.

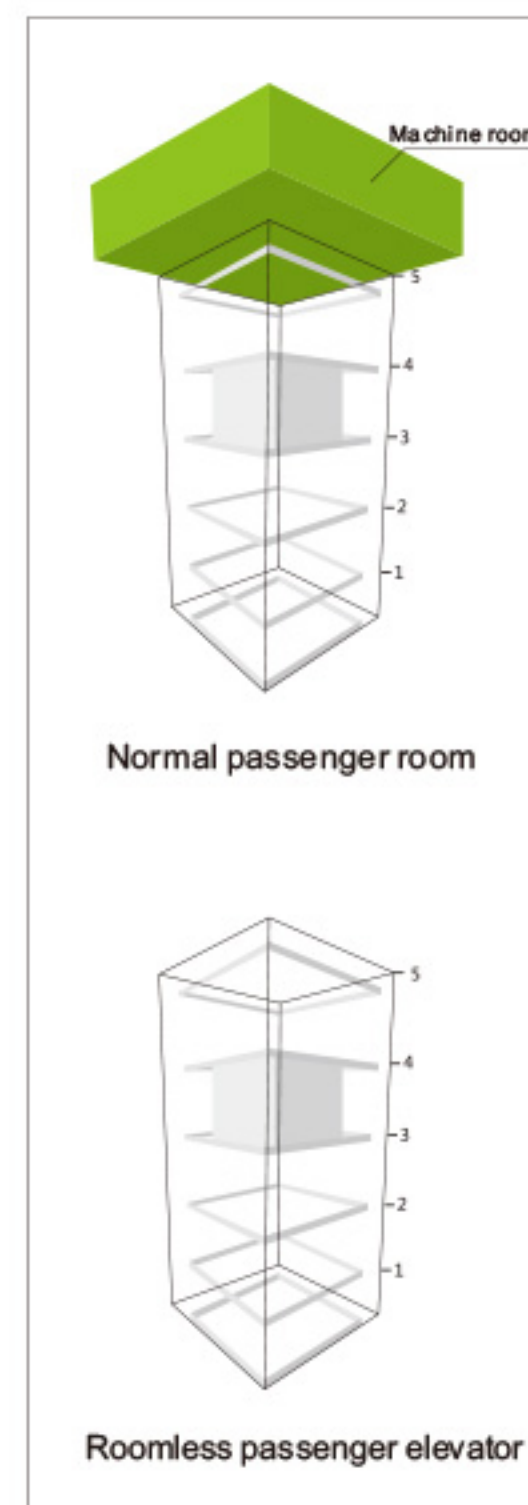
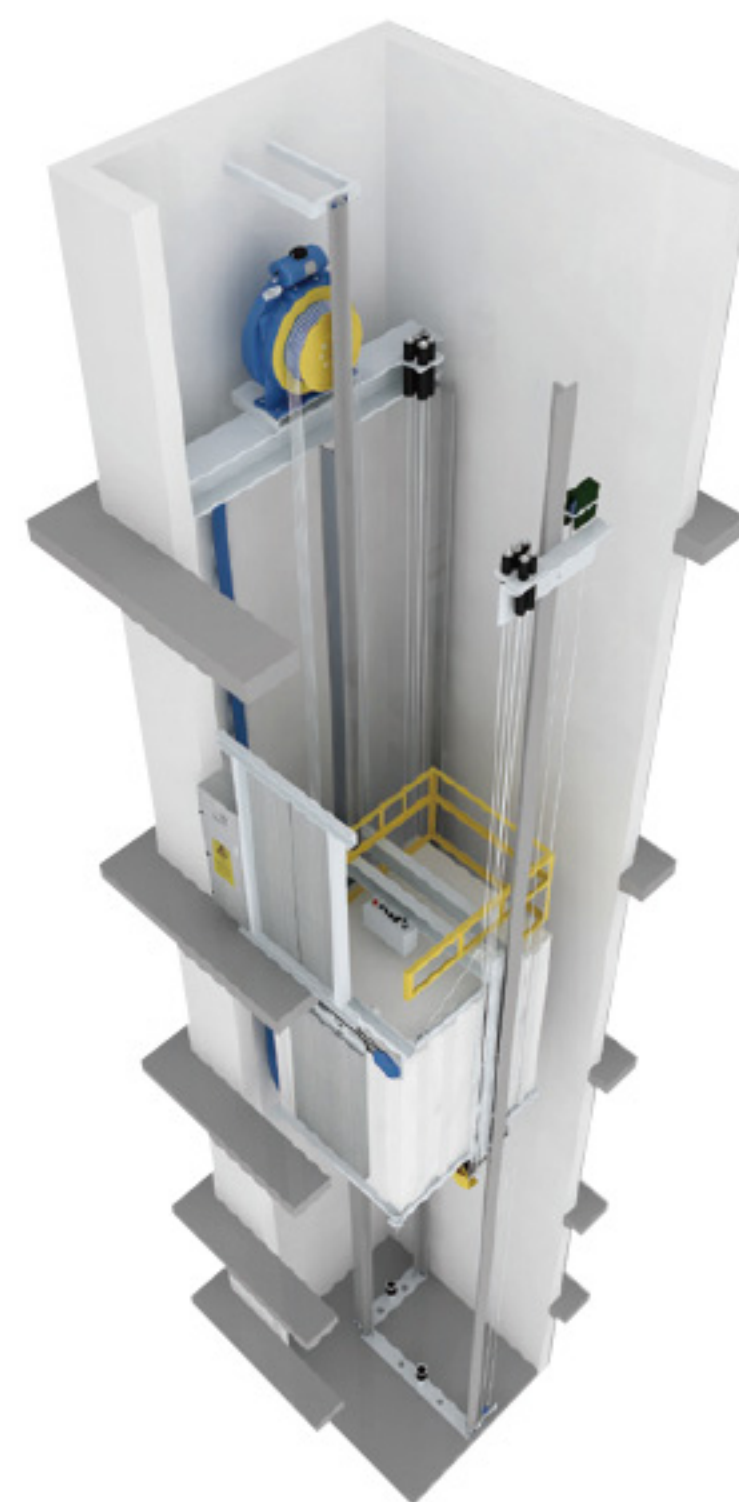


Reduce 40% elevator energy consumption

Use the advanced permanent magnet synchronous gearless traction machine, reduce 40% energy consumption, realize maintenance-free of the elevator motor.

Save 10% construction area

The occupation space of MINASTAR FUJI machine roomless elevator is reduced, this increases the utilization of the construction space. The designment of the integration of machine room and shaft provides the elevator and construction the most degree of freedom.



Standard configuration-A



MST-001

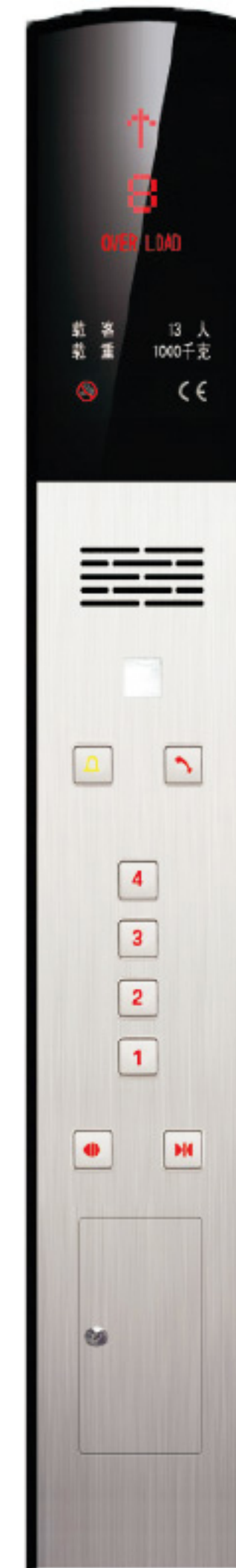
Cabin Wall/ Cabin Door/ Door Frame
Hairline stainless steel

Base station landing door and door jamb
Hairline stainless steel



COP in cabin
Operation panel with number dot matrix display

Floor
PVC plastic cement floor



MST-HEC110



MST-HEX110

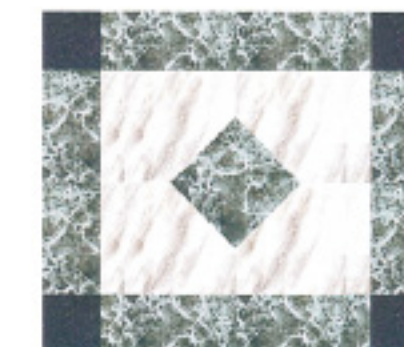


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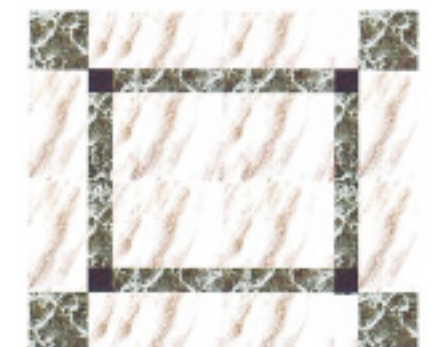


MST-710

MST-711



MST-605



MST-606



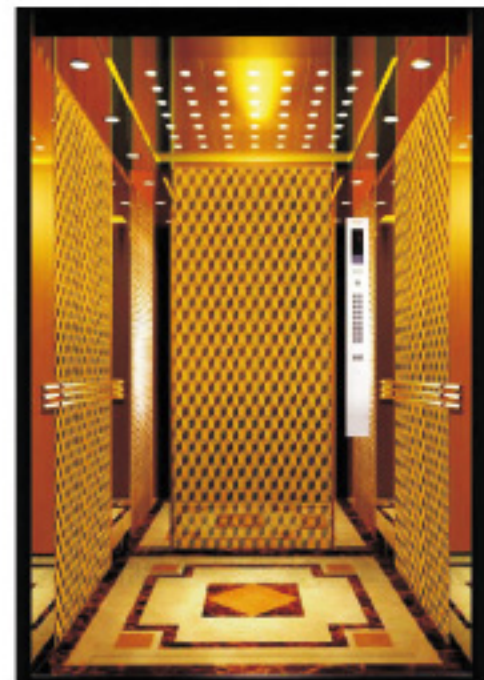
MST-102

Cabin Wall: Mirror, Hairline , Etching, Golden.
Ceiling: Mirror St.St vault panel with acrylic lights decoration.
Handrail: Round Rail of St./St. with wood.
Floor: PVC



MST-126

Cabin Wall: Concave Golden Mirror, Hairline , Etching.
Ceiling: Golden St.St frame with acrylic panel.
Handrail: Round Rail of St./St.
Floor: PVC



MST-127

Cabin Wall: Golden Mirror, Etching, Hairline.
Ceiling: Golden St. St. frame with acrylic panel.
Handrail: Round Rail of St./St.
Floor: PVC



MST-128

Cabin Wall: Mirror , Etching, Hairline.
Ceiling: St.St frame with white acrylic lighting panel.
Handrail: Round Rail of St./St.
Floor: PVC



MST-148

Cabin Wall: Mirror, Hairline , Etching.
Ceiling: St.St frame with white acrylic lighting panel, lights on side.
Handrail: Flat Rail of St./St.
Floor: PVC



MST-150

Cabin Wall: Mirror, Etching, Hairline.
Ceiling: St.St frame with acrylic lighting panel, lights on side.
Handrail: Round Rail of St./St.
Floor: PVC



MST-146

Cabin Wall: Mirror, Hairline , Etching.
Ceiling: St.St frame with white acrylic lighting panel, lights on side.
Handrail: Flat Rail of St./St.
Floor: PVC



MST-151

Cabin Wall: Mirror , Etching, Hairline.
Ceiling: St.St frame with white lighting panel, lights on side.
Handrail: Round Rail of St./St.
Floor: PVC



MST-301
Mirror, Hairline Etching



MST-302
Mirror, Etching



MST-303
Mirror, Hairline Etching



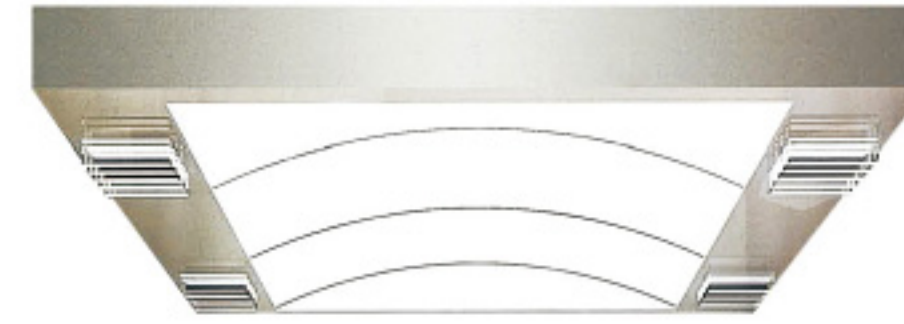
MST-304
Mirror, Etching



MST-305
Mirror, Etching



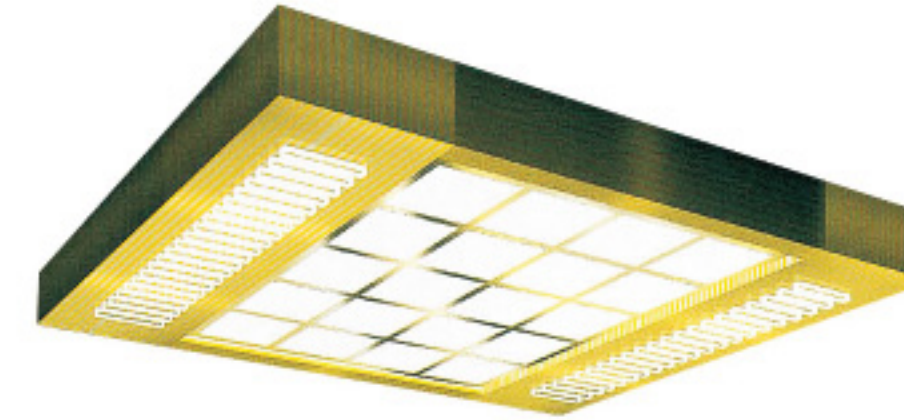
MST-306
Mirror, Etching



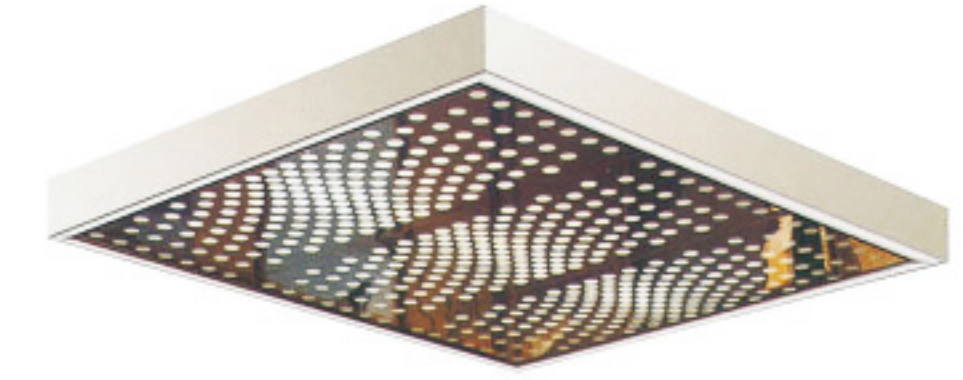
MST-501
Mirror st./st. frame with acrylic top panel,
down light



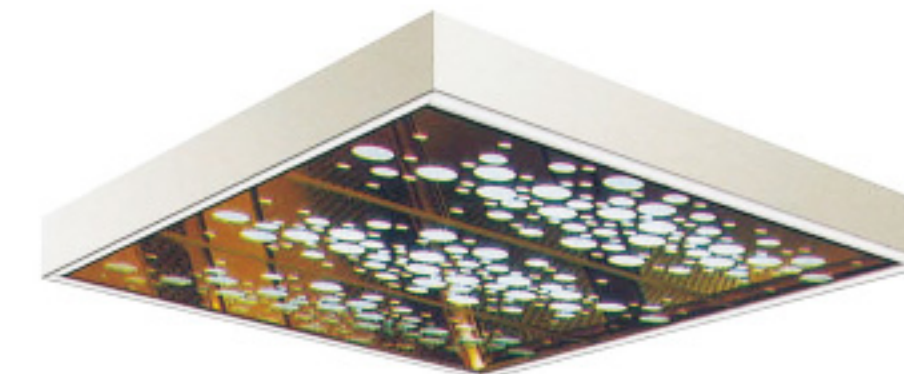
MST-504
Golden mirror st./st. frame with acrylic top panel,
down light



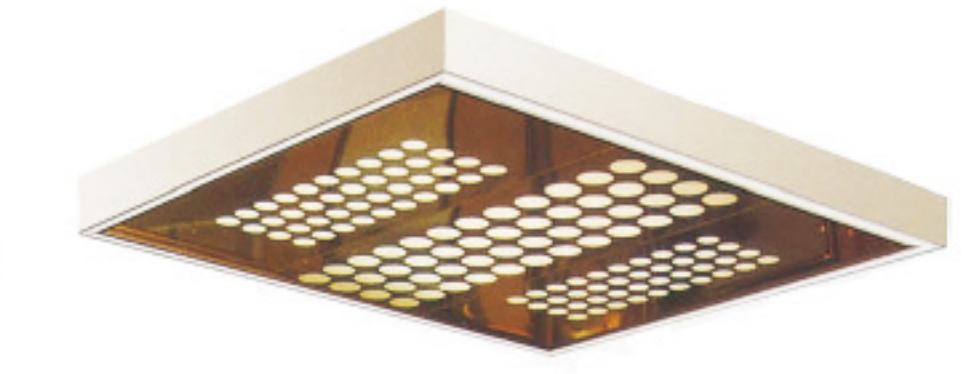
MST-502
Golden mirror st./st. frame with acrylic top panel,
down light.



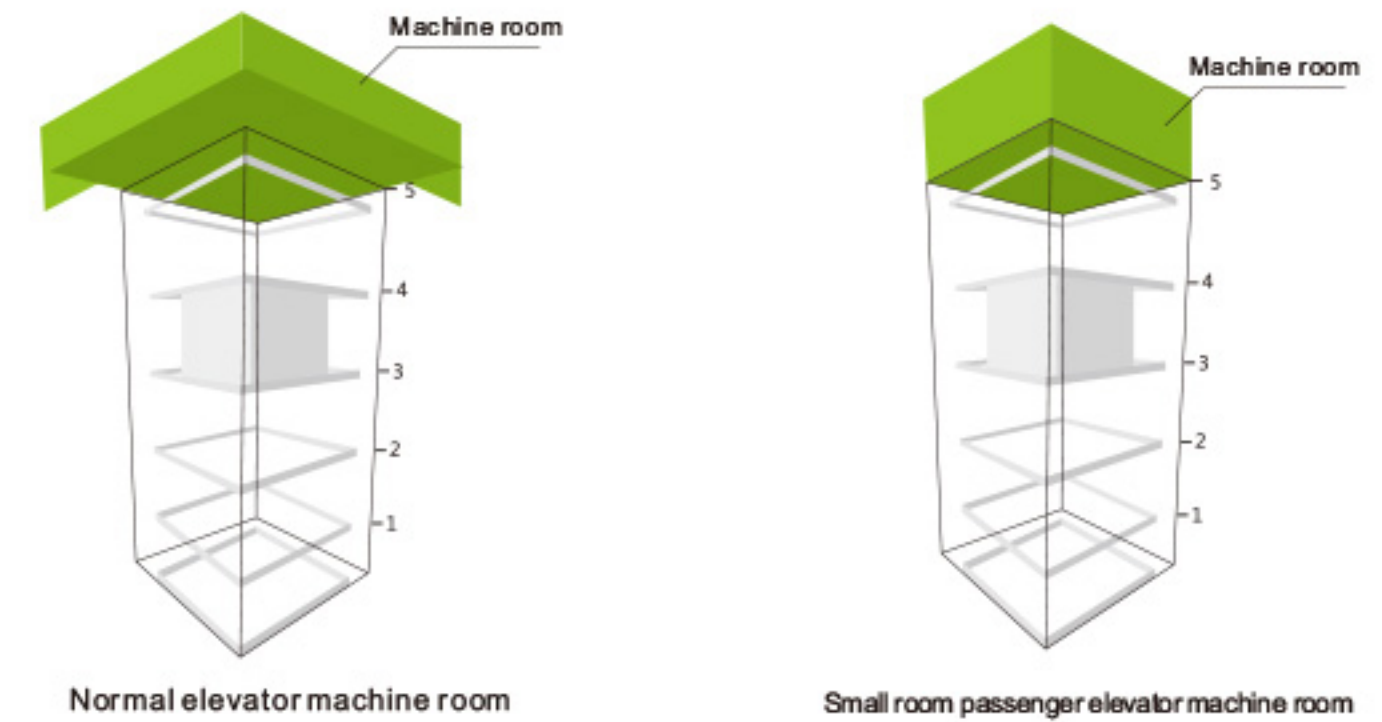
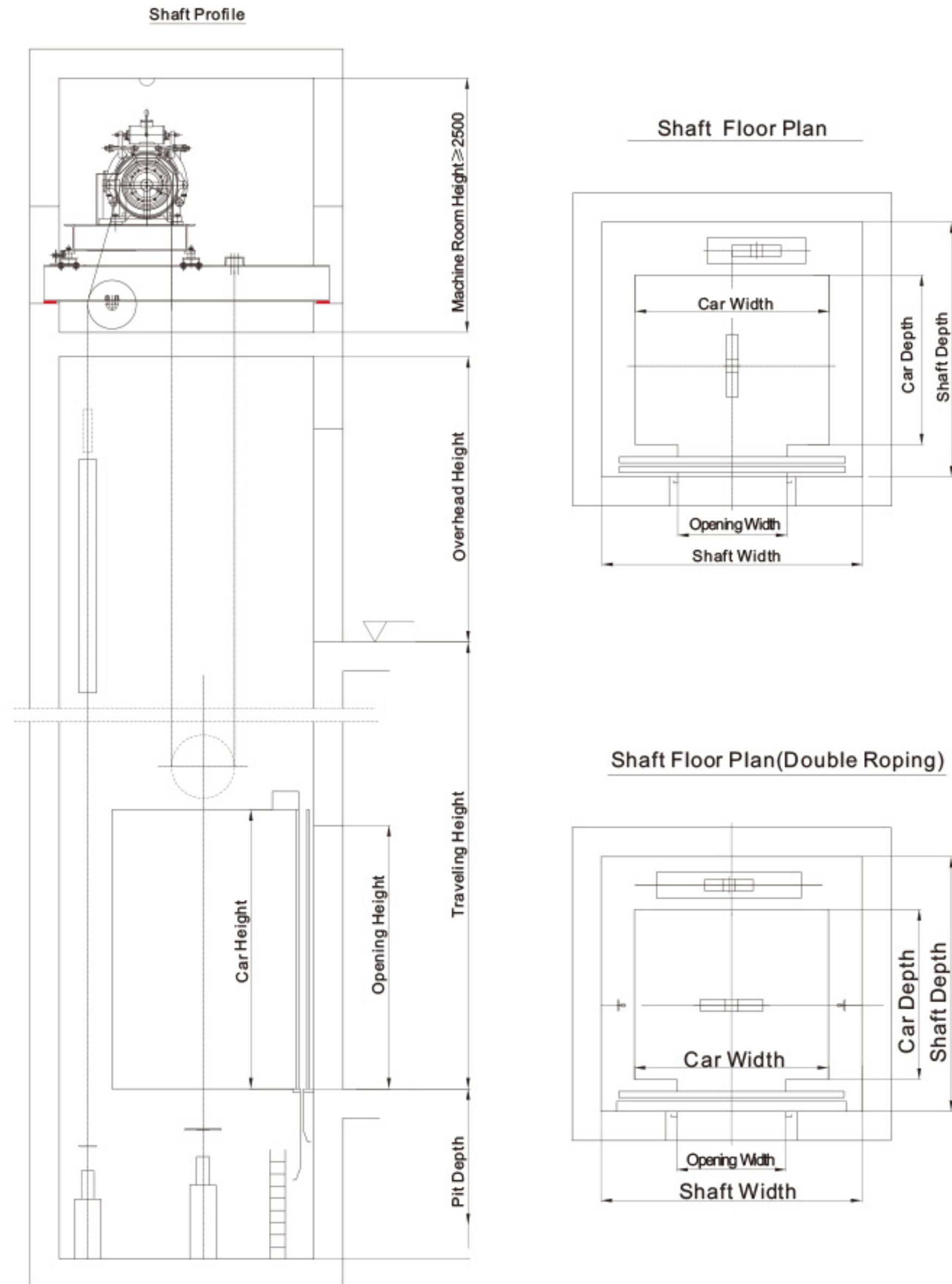
MST-505
Mirror st./st. frame with acrylic top panel.



MST-503
Mirror st./st. frame with acrylic top panel.



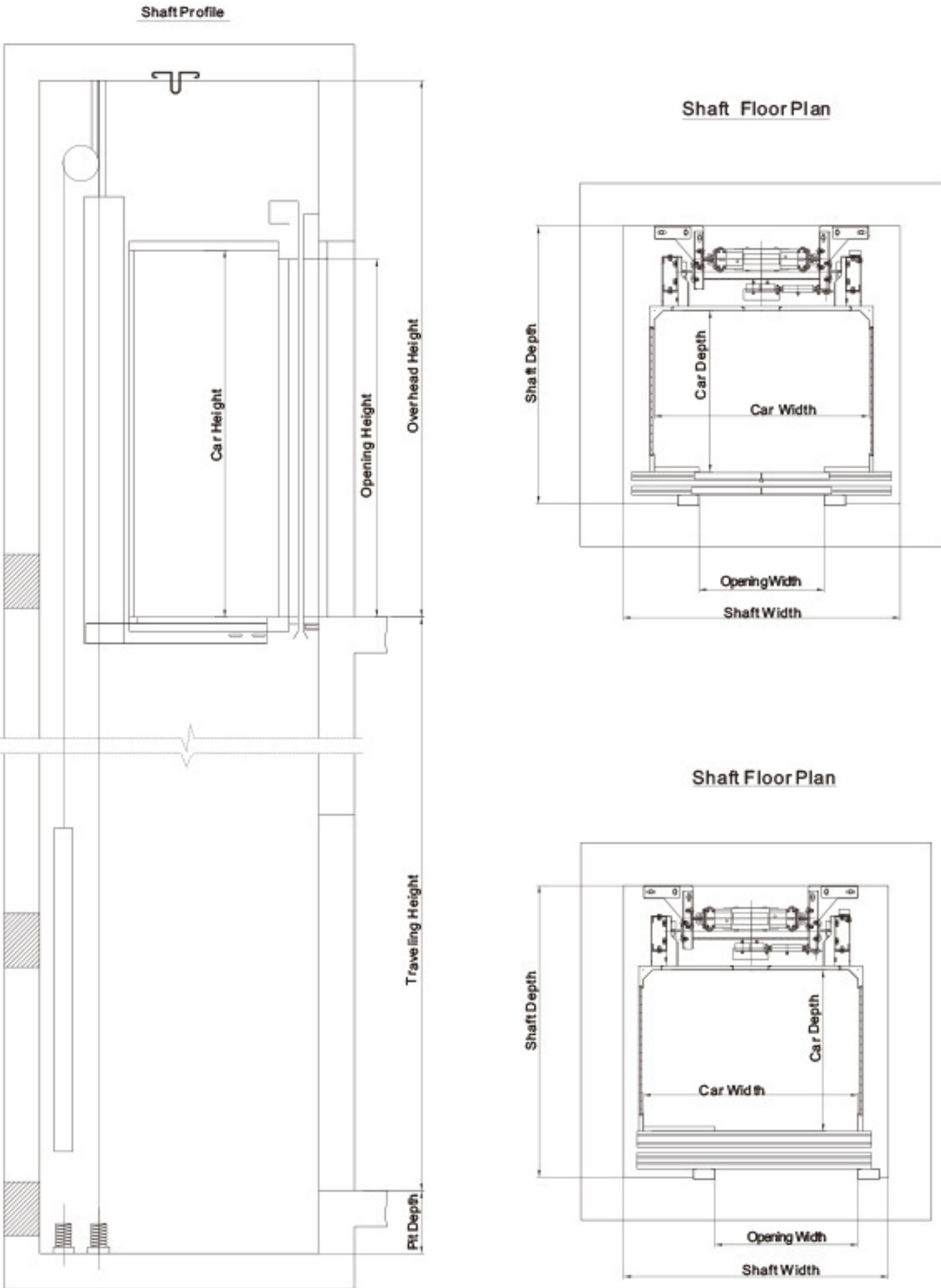
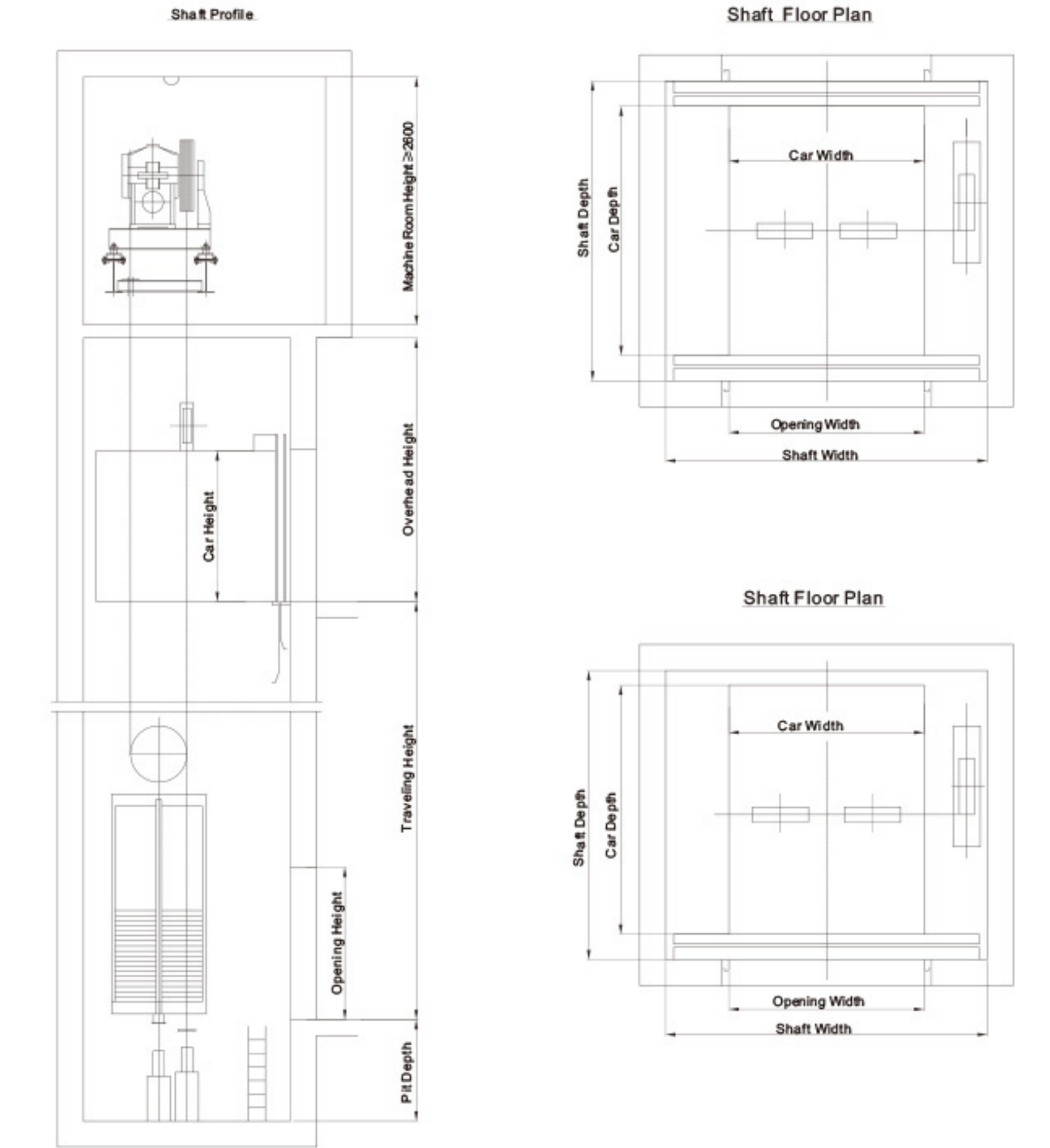
MST-506
Mirror st./st. frame with acrylic top panel.



Passenger Elevator (machine room)

Model	Load kg	Speed m/s	Pers	Car Size(mm) CW×CD×HK	Opening Size (mm) PL×LH	Shaft Size SW×SD	Machine Room Size(mm)W×D	Overhead Height(mm)	Traveling Height(m)	Pit Depth (mm)
MST-P-MR450/1.0	450	1.0	6	1250×1000×2400	700×2100	1750×1650	1900×2100	4300	50	1500
MST-P-MR450/1.5	450	1.5	6	1250×1000×2400	700×2100	1750×1650	1900×2100	4400	75	1500
MST-P-MR450/1.75	450	1.75	6	1250×1000×2400	700×2100	1750×1650	1900×2100	4400	85	1500
MST-P-MR630/1.0	630	1.0	8	1100×1400×2400	800×2100	1800×2100	1900×2100	4300	50	1500
MST-P-MR630/1.5	630	1.5	8	1100×1400×2400	800×2100	1800×2100	1900×2100	4400	75	1500
MST-P-MR630/1.75	630	1.75	8	1100×1400×2400	800×2100	1800×2100	1900×2100	4400	85	1500
MST-P-MR800/1.0	800	1.0	10	1350×1400×2400	800×2100	1900×2100	1900×2100	4300	50	1500
MST-P-MR800/1.5	800	1.5	10	1350×1000×2400	800×2100	1900×2100	1900×2100	4400	75	1500
MST-P-MR800/1.75	800	1.75	10	1350×1400×2400	800×2100	1900×2100	1900×2100	4400	85	1500
MST-P-MR1000/1.0	1000	1.0	13	1600×1400×2400	900×2100	2150×2100	2150×2100	4300	50	1500
MST-P-MR1000/1.5	1000	1.5	13	1600×1400×2400	900×2100	2150×2100	2150×2100	4400	75	1500
MST-P-MR1000/1.75	1000	1.75	13	1600×1400×2400	900×2100	2150×2100	2150×2100	4400	85	1500
MST-P-MR1000/2.0	1000	1.0	13	1600×1400×2400	900×2100	2150×2100	2150×3150	4600	100	1700
MST-P-MR1000/2.5	1000	1.5	13	1600×1400×2400	900×2100	2150×2100	2150×3150	4800	125	1800
MST-P-MR1250/1.0	1250	1.0	16	1950×1400×2400	1000×2100	2500×2100	2500×2100	4300	50	1500
MST-P-MR1250/1.5	1250	1.5	16	1950×1400×2400	1000×2100	2500×2100	2500×2100	4400	75	1500
MST-P-MR1250/1.75	1250	1.75	16	1950×1400×2400	1000×2100	2500×2100	2500×2100	4400	85	1500
MST-P-MR1250/2.0	1250	1.0	16	1950×1400×2400	1000×2100	2500×2100	2500×3150	4600	100	1700
MST-P-MR1250/2.5	1250	1.5	16	1950×1400×2400	1000×2100	2500×2100	2500×3150	4800	125	1800
MST-P-MR1600/1.0	1600	1.0	21	1950×1700×2400	1100×2100	2800×2200	2800×2200	4400	50	1500
MST-P-MR1600/1.5	1600	1.5	21	1950×1700×2400	1100×2100	2800×2200	2800×2200	4500	75	1600
MST-P-MR1600/1.75	1600	1.75	21	1950×1700×2400	1100×2100	2800×2200	2800×2200	4500	85	1600
MST-P-MR1600/2.0	1600	1.0	21	1950×1700×2400	1100×2100	2500×2450	2500×3500	4600	100	1700
MST-P-MR1600/2.5	1600	1.5	21	1950×1700×2400	1100×2100	2500×2450	2500×3500	4800	125	1800

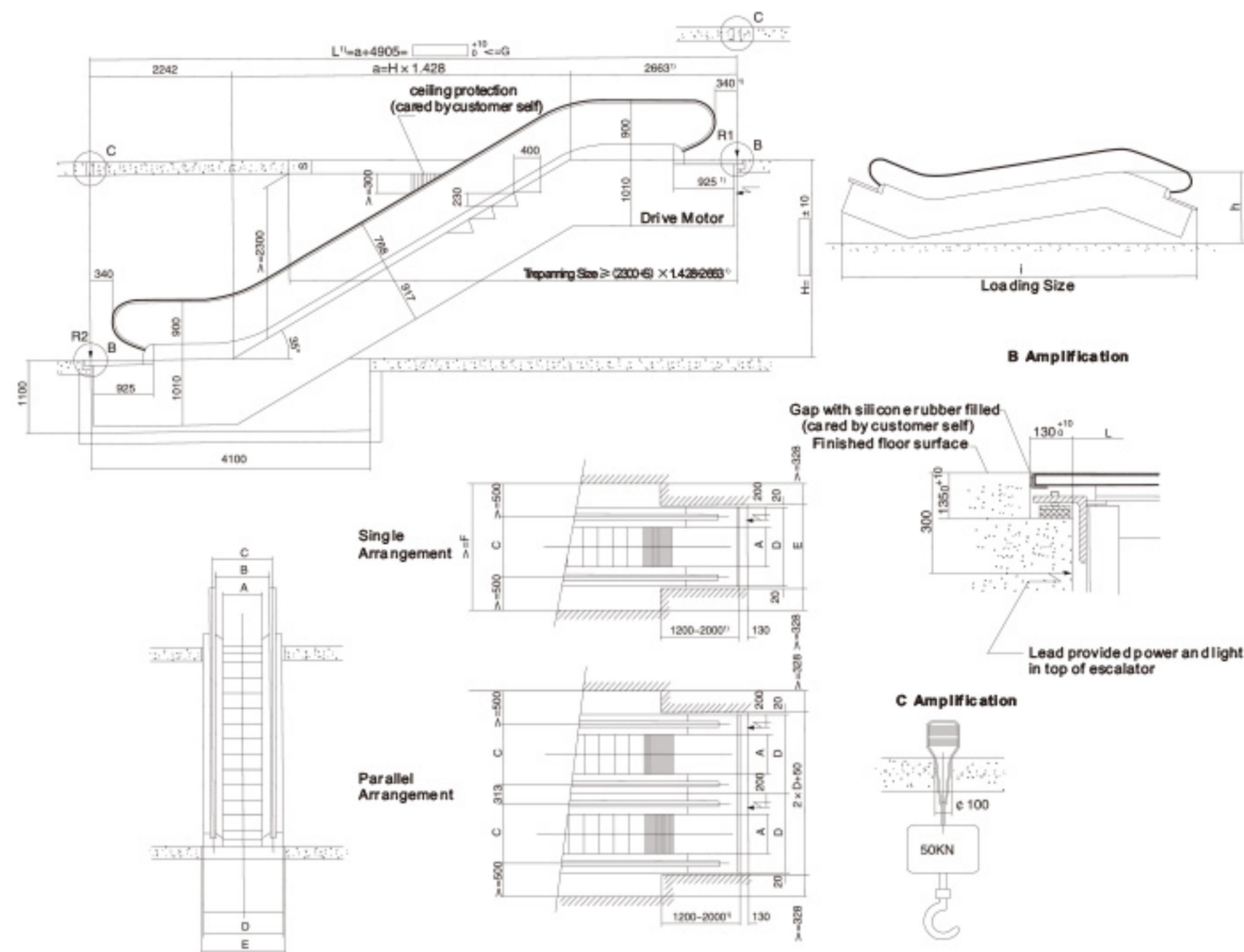
Note : Only for reference, final manufacture please follow contract.



Model	Load kg	Speed m/s	Car Size(mm) CWxCDxHK	Opening Size (mm) PLxLH	Opening Type	Shaft Size SWxSD	Overhead Height(mm)	Pit Depth (mm)
MST-C1000S0.5	1000	0.5	1400×1600×2200	1400×2200	Center Opening Four Panels	2450×2000	4200	1450
MST-C1000S0.5	1000	0.5	1400×1600×2200	1400×2200	Four Panel Opposite Side	2450×2070	4200	1450
MST-C1000S1.0	1000	1	1400×1600×2200	1400×2200	Center Opening Four Panels	2450×2000	4300	1500
MST-C1000S1.0	1000	1	1400×1600×2200	1400×2200	Four Panel Opposite Side	2450×2070	4300	1500
MST-C2000S0.5	2000	0.5	1800×2300×2200	1800×2200	Center Opening Four Panels	3000×2700	4200	1450
MST-C2000S0.5	2000	0.5	1800×2300×2200	1800×2200	Four Panel Opposite Side	3000×2770	4200	1450
MST-C3000S0.5	3000	0.5	2200×2600×2200	2200×2200	Center Opening Four Panels	3600×3000	4200	1450
MST-C3000S0.5	3000	0.5	2200×2600×2200	2200×2200	Four Panel Opposite Side	3600×3070	4200	1450

Model	Load kg	Speed m/s	Pers	Car Size(mm) CWxCDxHK	Opening Size (mm) PLxLH	Shaft Size SWxSD	Overhead Height(mm)	Traveling Height(m)
MST-H320/0.4	320	0.3	4	1200×900×2150	700×2000	1600×1500	3000	12
MST-H320/0.4	320	0.3	4	1200×900×2150	800×2000	1600×1500	3000	12
MST-H400/0.4	400	0.3	5	1200×900×2150	700×2000	1600×1500	3000	12
MST-H400/0.4	400	0.3	5	1200×900×2150	800×2000	1600×1500	3000	12

Note : Only for reference, final manu facture please follow contract.



Model	Rise Height	Weight	Support Load		Power kw	Transport Demension	
			R1	R2		H	I
MST-F 35-600K 4500 man/hour	3000	54	43	39	5.5	2291	10458
	3500	57	46	41		2345	11309
	4000	60	49	44		2389	12163
	4500	64	52	46		2425	13019
	5000	67	54	49		2456	13877
MST-F 35-800K 6750 man/hour	5500	70	57	51	8	2481	14737
	6000	73	60	54		2503	15598
	3000	56	49	44		2177	10073
	3500	60	52	47		2219	10926
	4000	63	56	50		2253	11782
MST-F 35-1000K 9000 man/hour	4500	66	59	53	11	2281	12640
	5000	70	62	56		2304	13500
	5500	73	65	59		2324	14362
	6000	76	69	61		2340	15224
	3000	60	56	50		2177	10073

	Cascade width		
	1000mm	800mm	600mm
A: Step width	1000	800	600
B: Between handrail belt width	1157	957	757
C: Handrail center distance	1237	1037	837
D: Escalator width	1540	1340	1140
E: Well width	1580	1380	1180
F: Minimum spacing	2236	2036	1836
G: Maximum spacing	16000	17200	18900

1. If L>G, Need to increase intermediate support
2. If step width is 600mm, upper truss need increase 417mm
3. Please consult the technical for detailed motor power parameters

ALL KINDS OF ELEVATOR



Passenger Elevator



Panoramic Elevator



Home Elevator



Hospital Elevator



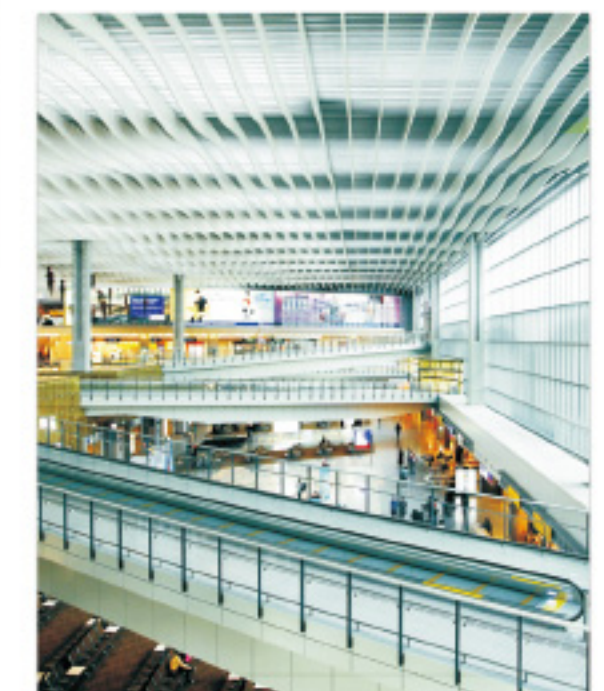
Escalator



Dumbwaiter



Cargo Elevator



Moving Walks