



PROFESSIONAL CUSTOMIZATION







ELEVATOR CAR DESIGN

CAR OPTIONAL DECORATION



Car ceiling: Mirror stainless steel

Car-01

Hairline Stainless Steel

Car floor: PVC floor



Car ceiling: Mirror stainless steel

Car-02

Hairline Stainless Steel

Car floor: PVC floor



Car ceiling: Middle arched board, sides stainless steel

Car-03

Car wall: Middle with mirror etching steel and both sides with hairline stainless steel

Car floor: PVC floor



Car ceiling: Middle arched board, sides stainless steel

Car-04

Car wall: Middle with mirror etching steel and both sides with hairline stainless steel

Car floor: PVC floor



◀ Car-05

Car ceiling: Mirror titanium, stainless steel with acrylic light panel

Car wall: Middle with mirror titanium etching steel and both sides with mirror titanium stainless steel

Car-06 ▶

Car ceiling: Mirror titanium, stainless steel with acrylic light panel

Car wall: Middle with mirror titanium etching steel and both sides with hairline titanium stainless steel

Car Floor: pvc floor



PANORAMIC ELEVATOR

PANORAMIC ELEVATOR series is a modern transportation for carrying, sightseeing and decoration. It applies to the commercial building, hotel and fancy supermarket, etc, which not only provides perfect loading service, but also enriches the art.

Safety integration, safety with scenery

It is not only beautiful but also safe. It adopts nine protection devices as high efficient safety protection system, making passengers are under protection all the time and enjoy the scenery at ease.



Aesthetic design, create a scene

The fashionable design of PANORAMIC ELEVATOR integrates the architecture aesthetics with various shapes, such as half-round, round, square, etc, highly improving the the architecture aesthetics.





Broad sightseeing, enjoy all scenery

PANORAMIC ELEVATOR is built outside of the building equipped with a broad sightseeing, making passengers enjoy all the scenery.

CAR OPTIONAL DECORATION



◀ Car-10

Canopy: Hairline stainless steel
Observation wall: Laminated glass
Car ceiling: M-D-01
Car wall: Hairline stainless steel
Handrail: Single tube with stainless steel
Car floor: PVC floor

Car-17 ▶

Canopy: Hairline stainless steel
Observation wall: Laminated glass
Car ceiling: M-D-01
Car wall: Hairline stainless steel
Handrail: Single tube with stainless steel
Car floor: PVC floor





◀ Car-13

Canopy: Painted steel with decoration
Observation wall: Three pieces of laminated glass
Car Ceiling: M-D-15
Car wall: Hairline stainless steel
Handrail: Single tube with stainless steel

Car-18 ▶

Canopy: Acrylic painted steel, stainless steel, LED light
Observation wall: Three pieces of laminated glass
Car ceiling: M-D-04
Car wall: Hairline stainless steel
Handrail: Single tube with stainless steel



◀ Car-19

Canopy: Painted steel
Observation wall: Safety laminated glass
Car ceiling: Painted steel
Car wall: Stainless steel hairline plate
Handrail: Stainless steel single tube
Car floor: PVC floor



BED ELEVATOR

BED ELEVATOR regards delivering patients as its goal and with the advanced technology, more humanized functions are increased to make sure the elevators running steadily and achieve the fastest rescue.

Over-length car design, perfect capacity

According to the particularity of hospital, it adopts the over-length and large capacity design to carry more passengers and make sure the free entry and

M-TBJ01 Standard

Ceiling: Hairline stainless steel, LED

lighting Car wall: Hairline stainless steel

Handrail: Hairline stainless steel

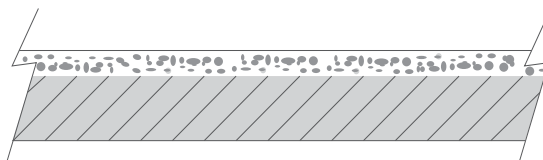
Car floor: PVC floor



Extend door closing time, safer for entry and exit

Press the door holding button to extend the door closing time so that the disabled can enter or exit freely.

Stainless steel coating technology



VILLA ELEVATOR

VILLA ELEVATOR highly value the involvement of elevator and home, considering the loading functions from the family' s needs and the elevator decoration from the architecture style. VILLA ELEVATOR makes home and elevator being integrated.

LED lighting system, soft and energy-saving

MATIZ adopts the most energy-saving LED lighting system with soft light,no harm to eyes. It will automatically turn off to save energy when no calls.

Never-get-stuck technology, safe ride

Equipped with the UPS function, MATIZ elevator can run to the best level automatically and keep the door open to make sure the safety when the power is off.





VL01 Standard

Ceiling: Mirror stainless steel, LED lighting
Car wall: Mirror stainless steel, wooden steel
Car floor: PVC

Low-noise control technology, quiet and happy life

adopt the latest noise control technology, avoids the its disturbance and keeps your life quite and happy.

DECORATION SERIES

Operation panel (Optional)



COP02-C

■ Button



KA301



BA531

■ Calling box



HOP03-Y



HOP03D-Y



HOP03-D



HOP03D-D

■ Panel material



Mirror stainless steel



Titanium gold
stainless steel

Ceiling series (Optional)

D-01

Double Acrylic Light-transmitting Board with LED Light, Middle with Diamond Light-transmitting Pillars.



D-02

Middle with Arched Light-transmitting Board, Both Sides Stainless Steel with Diamond Light-transmitting Pillars.



D-03

Stainless Steel with Square Light-transmitting Pillars, Both Sides with LED



D-05

Stainless Steel with Square Light-transmitting Pillars, Both Sides with LED



D-09

Middle with Arched Light-transmitting Board, Both Sides Stainless Steel with LED Light.



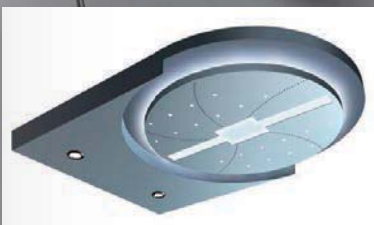
D-12

Stainless Steel with Acrylic Light-transmitting Board



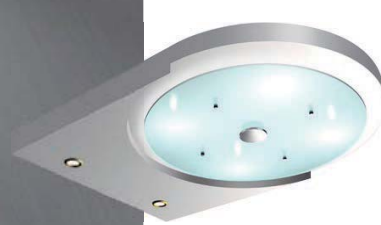
D-13

Round Process Board and Down Lamps with Soft Lighting at the Back.



D-14

Round Glass Board and Down Lamps with Soft Lighting at the Back.



D-15

Middle with White Ceiling Light and Down Lamps with Soft Lighting around.



D-16

Round Steel Rods with White Organic Board and Down Lamps with Soft Lighting at the Back.



D-17

Round Hollowed-out Process Board and Down Lamps with Soft Lighting at the Back.



D-18

Round Lotus Process Board and Down Lamps with Soft Lighting at the Back.



DECORATION SERIES

Landing door series (Optional)



T-02
Mirror hairline etching plate



T-03
Mirror hairline etching plate



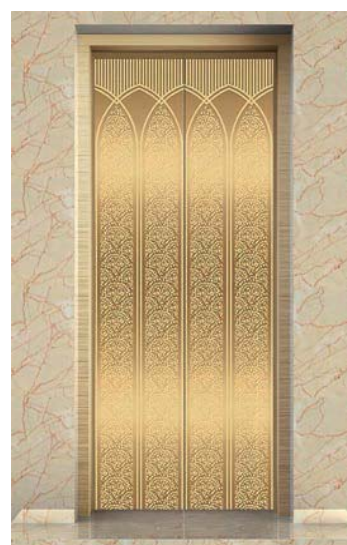
T-04
Mirror hairline etching plate



T-07
Mirror titanium etching plate



T-01
Hairline Stainless Steel (Standard)



T-09
Mirror titanium etching plate

Handrail series



FY-01

Standard

Stainless steel, matte



FY-03

Optional

Mirror finish Stainless steel, Optional triple



FY-05

Stainless steel, round Arc



FY-02

Optional

Golden finish Stainless steel, matte



FY-04

Optional

Golden finish Stainless steel, triple



FY-06

Optional

Golden finish Stainless steel, flat arc

Color painting



Middle-gray

SC01



Beige

SC02



Green

SC03

Floor color



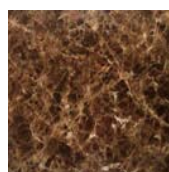
P-07

Standard



P-08

Standard



P-09

Optional



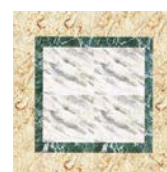
P-10

Optional



P-11

Optional



P-12

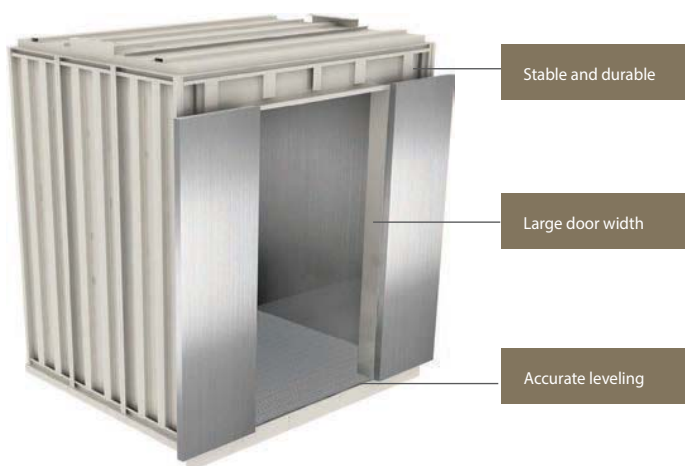
Optional

FREIGHT ELEVATOR

FREIGHT ELEVATOR is born to highly transport cargo in various architectures. It adopts the most advanced micro-computer control technology and is equipped with large loading capacity, perfectly reveals its economic advantages and efficiency.

Extreme hardness, large capacity cabin

It selects the hard materials to produce a safe and solid car and improve its bearing and guarantee the safety to human or cargo.



High-accuracy leveling, easy transport

The leveling accuracy can be managed within millimeters, nearly reaching at the zero error, which is easy for the entry and exit of the cargo.



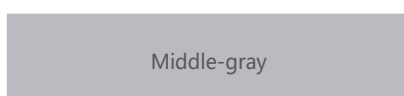


FREIGHT ELEVATOR



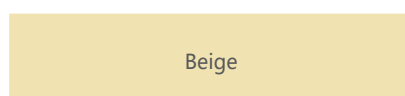
Ceiling: Painted steel (optional color)
 Car wall: Painted steel (optional color)
 Car door: Painted steel (optional color)
)Lighting: LED energy saving lighting
 Car floor: Riffled plate

Optional color cards



Middle-gray

SC01



Beige

SC02



Green

SC03

Because of restrictions in aspect of printing craft and technology, there will be slight difference between colors in this catalogue, the final model selection can be decided according to the actual material



COP03-Y

Operation Panel Design (Standard)

COP: COP03-Y
Panel: Hairline stainless steel
Display board: LCD
Mode of display: Blue and white LCD
Calling button: Micro-buttons/framed mirrors, frosted stainless steel for the panel

Car ceiling



Landing door series



3 Panels Side Opening

(Optional)

Hall Operation Panel (Standard)

HOP: HOP05-Y
Panel: Stainless steel
Display: Black screen white segment



HOP05-Y

Wall mounted



Four Panels Center Opening

(Optional)

DUMBWAITER ELEVATOR

DUMBWAITER has the advantage of small and beautiful design. Under the advanced control system, it can efficiently complete the small volume transporting. It applies in the hotels, restaurants, banks, hospitals, libraries, etc.

Exquisite size, easy to install

Machine roomless No particular shaft requested, less space taken

Integrated control technology, high efficient loading

Use the advanced control cabinet, realize the integration of elevator control and drive control and complete the transport-ing efficiently.



Various types customized for you

We can choose suitable opening way according to the characteristic and particularity of cargo, making sure the cargo can enter and exit easily.



Ground type
(Up and down
directly separated)



Window type
(Up and down
directly separated)



CAR ELEVATOR

car elevator is particularly designed for the car transporting. It provides convenient and safe service to customers and car owners in 4S Car Stores, Parking lots on the top of supermarket, maintenance shops, etc.



Safety light curtain, security guardian

Intensive straight and cross light curtain has an intelligent induction to make sure the cars safely enter

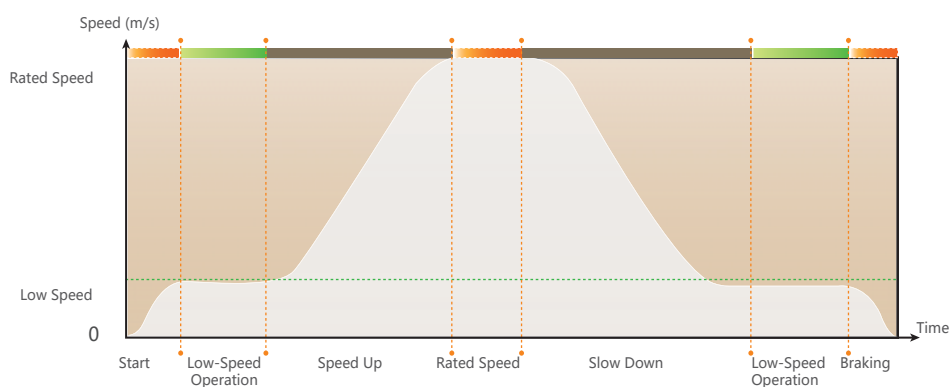
Both sides door opening, free control

Both sides door opening of the car cabin is convenient for the cars' entry and exit.



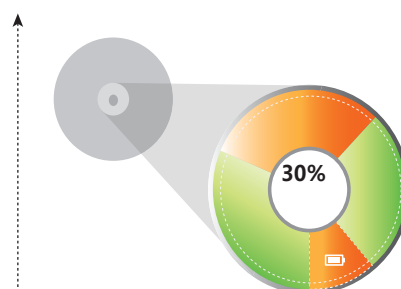
ESCALATOR

ESCALATOR adopts the international advanced technology with the advantages of high efficiency, energy-saving and environmental-friendly. It offers a perfect solution for the large flow of people and fast transmission.



escalator series

- High strength truss platform, hypo-frame steel plate and steel plate trunk shield, even if you are outside, you can easily adapt to kinds of weather.
- Rigorous design of safety device, handrail entry safety device, emergency stop button and step running safety device etc all over the every part of moving walk.
- The VVVF control system is optional. It can run at different speed and save energy according to the flow of people.



MOVING WALK

MOVING WALKS have a perfect combination with high-accuracy drive device and VF technology. It meets the need of steadiness, high efficiency and energy-saving, making passengers enjoy the dignity all the way.



Moving walk series

- Advanced micro-computer control system, overall monitor running states of moving walk, get rid of potential safety hazard and rescue in time.
- Steps adopt the fish-bellied type short plank. No steps. It can decrease the space span and fix the anti-skidding. Safety is highly assured.
- Upper and down chain wheels are installed with a buffer device, which can efficiently reduce the vibration when running.
- Customize the escalator for the architecture from the multiple handrails, multiple decorative cover, multiple lighting, etc.



SAFETY DEVICE

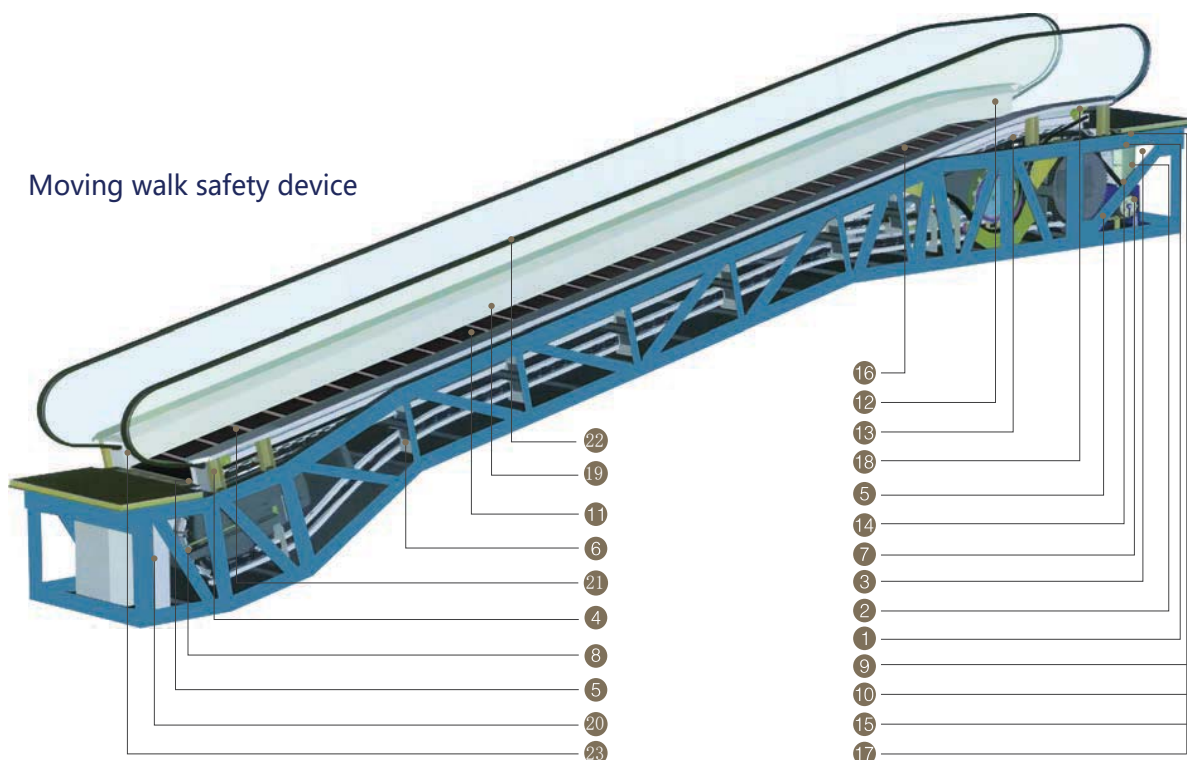
Escalator safety device



Standard functions

Function	Description of functions
1. Phase Failure and Phase Dislocation Protection	If lack of phase or error phase has been checked out, the escalator (moving walk) will automatically stop the operation.
2. Motor Over-load Relay	When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.
3. Electrical Circuit Protection	It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (moving walk).
4. Handrail Belt Inlet Protection	When some foreign substance has been clipped in the handrail inlet, the escalator (moving walk) will automatically stop the operation.
5. Comb Plate Safety Protection	When some foreign substance has been clipped in or between the combs, the escalator (moving walk) will automatically stop the operation.
6. Step Collapse Protection	When there is abnormal step bending, the escalator (moving walkway) will stop the operation before the step entering into the comb plate.
7. Drive-chain Broken Protection	when the drive-chain has been over-stretched or it is broken, the escalator (moving walk) will automatically stop the operation.
8. Step Chain Broken Protection	when the step (plate) chain has been over-stretched or it is broken, the escalator (moving walk) will automatically stop the operation.
9. Over-speed Protection	When there is over-speed to the escalator (moving walk), it will automatically stop the operation.
10. Unexpected Direction Reversal Protection	when it comes the unintentional reversal of the direction of travel, the escalator (moving walk) will automatically stop the operation.
11. Yellow Warning Line	The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the lift group lengthened skirt panel. The security line on both sides of the step is higher than the tread surface. (The moving walk offers the selective yellow spray-painted security line.)
12. Emergency Stop Button	When the button has been pressed down, the escalator (moving walk) will stop the operation.

Moving walk safety device



13.Shirt Panel Protection	When some foreign substance has been clipped in between the skirt panel and the step, the escalator (moving walk) will automatically stop the operation.
14.Brake Protection	When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (moving walk) stops the operation.
15.Safety Inspection Switch	It is a safety device to prevent from the escalator starting during the inspection and maintenance.
16.Steps Illuminator	Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.
17.Alarm Bell Starting Device	The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.
18.Handrail Belt Broken Protection	When the handrail is broken, the escalator will automatically stop the operation.
19.Skirt Panel Brush	The brush that has been installed between the skirt panel and the step will prevent the passengers from touching the skirt panel. (It is not merely restricted to the escalator.)

Optional functions

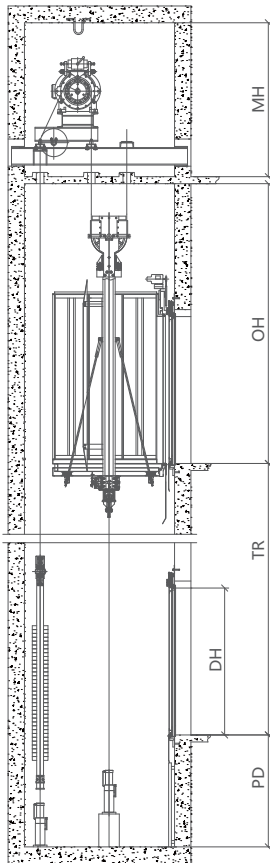
Function	Description of functions
20.VVVF variable frequency energy-saving system	When chooses the frequency converter,it can effectively reduce the energy consumption.
21.Comb illumination	The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down the escalator.
22.Handrail illumination	The handrail illumination has been installed in the handrail frame. The gentle light adds charm to the running escalator.
23Automatic start / stop	The infrared ray sensor which is near the floor plate can detect the passenger that enter into the floor plate. Then it will automatically start the operation. After all the passengers leave, it will automatically stop the operation again in order to save the energy loss. Scanning sensor and traditional guide rod are available for your choice.

SMALL MACHINE ROOM

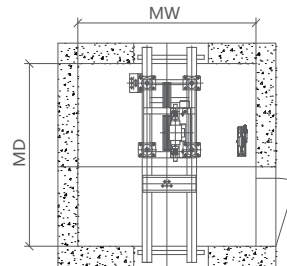
PASSENGER ELEVATOR CONSTRUCTION LAYOUT DRAWING



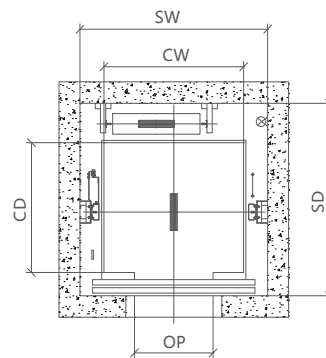
HOISTWAY ELEVATION



MACHINE ROOM PLAN



HOISTWAY PLAN

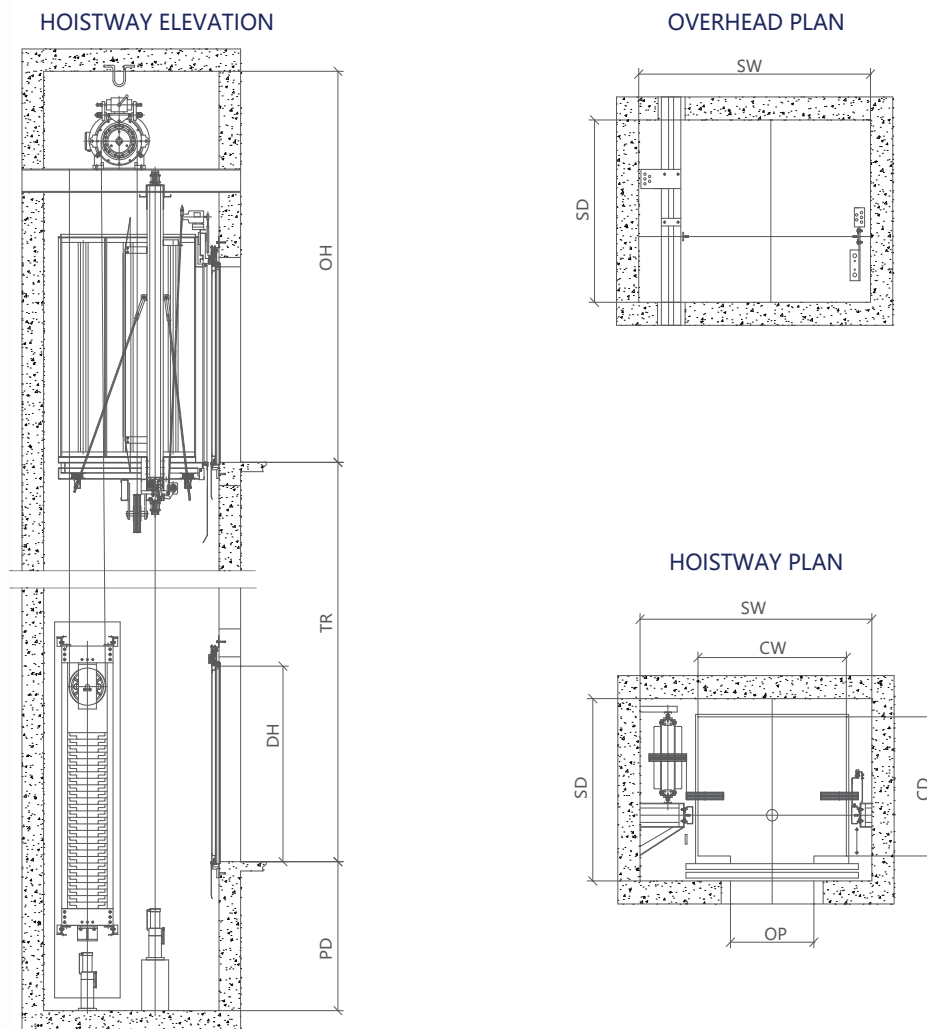


Small machine room passenger elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
630	1.0	Center Opening	800*2100	1300*1200*2600	1900*1850	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
800	1.0	Center Opening	800*2100	1400*1350*2600	2000*2000	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
	2.0					≥1700	≥4600	
1000	1.0	Center Opening	900*2100	1600*1450*2600	2250*2150	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
	2.0					≥1700	≥4600	
1250	1.0	Center Opening	1000*2100	1850*1500*2600	2500*2200	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
	2.0					≥1700	≥4600	
	2.5					≥1800	≥4800	
1350	1.0	Center Opening	1000*2100	1850*1600*2600	2500*2300	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
	2.0					≥1700	≥4600	
	2.5					≥1800	≥4800	
1600	1.0	Center Opening	1100*2100	1900*1800*2600	2550*2500	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	
	1.75					≥1600	≥4500	
	2.0					≥1700	≥4600	
	2.5					≥1800	≥4800	

MACHINE ROOMLESS

PASSENGER ELEVATOR CONSTRUCTION LAYOUT DRAWING



MRL passenger elevator specifications

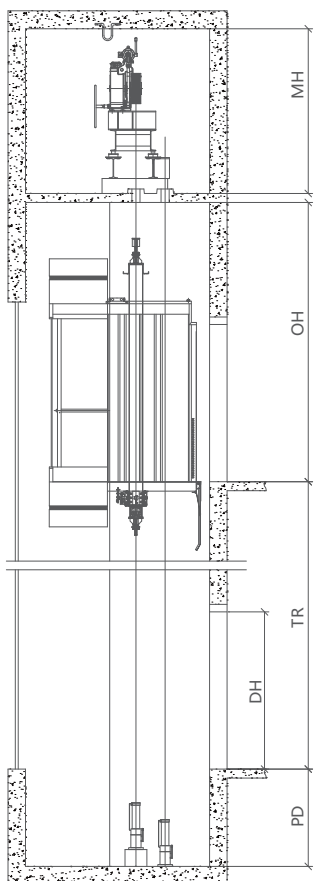
Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height
(kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)
630	1.0	Center Opening	700*2100	1200*1300*2600	2100*1800	≥1500	≥4300
	1.5					≥1600	≥4400
	1.75					≥1700	≥4500
800	1.0	Center Opening	800*2100	1350*1400*2600	2250*1850	≥1500	≥4300
	1.5					≥1600	≥4400
	1.75					≥1700	≥4500
1000	1.0	Center Opening	900*2100	1600*1450*2600	2500*1900	≥1500	≥4300
	1.5					≥1600	≥4400
	1.75					≥1700	≥4500
1250	1.0	Center Opening	1000*2100	1800*1550*2600	2700*2000	≥1500	≥4300
	1.5					≥1600	≥4400
	1.75					≥1700	≥4500
1350	1.0	Center Opening	1000*2100	1800*1650*2600	2700*2100	≥1500	≥4300
	1.5					≥1600	≥4400
	1.75					≥1700	≥4500

PANORAMIC ELEVATOR

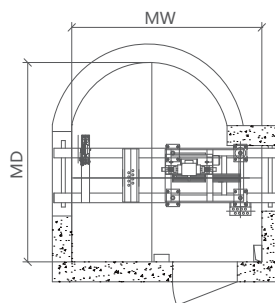
CONSTRUCTION LAYOUT DRAWING



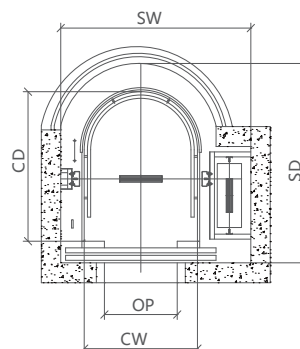
HOISTWAY ELEVATION



MACHINE ROOM PLAN



HOISTWAY PLAN



Panoramic elevator specifications

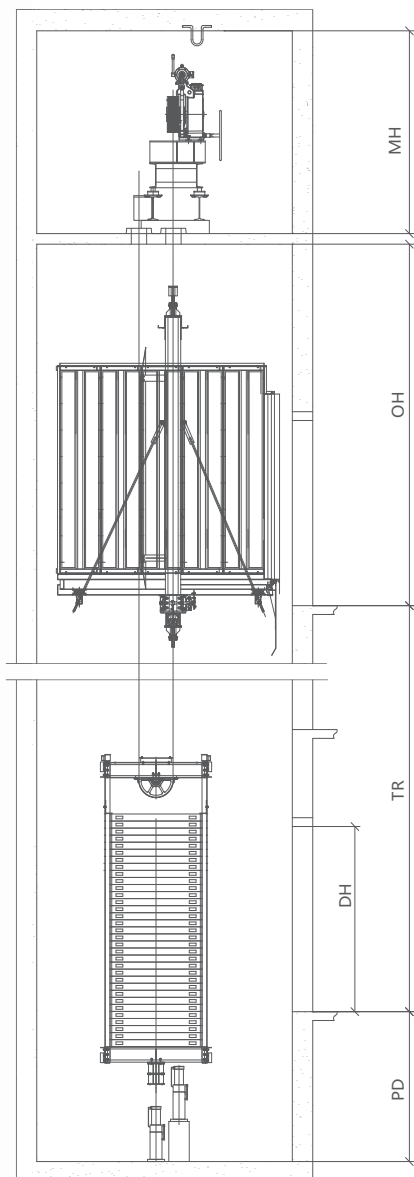
Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
630	1.0	Center Opening	800*2100	1050*1525*2600	2100*2100	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200
800	1.0	Center Opening	800*2100	1200*1600*2600	2200*2200	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200
1000	1.0	Center Opening	800*2100	1400*1800*2600	2350*2300	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200
1250	1.0	Center Opening	900*2100	1500*2000*2600	2450*2550	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200
1350	1.0	Center Opening	900*2100	1600*2050*2600	2600*2650	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200

BED ELEVATOR

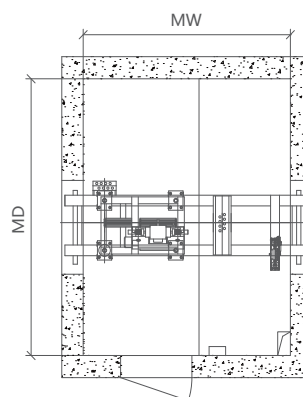
CONSTRUCTION LAYOUT DRAWING



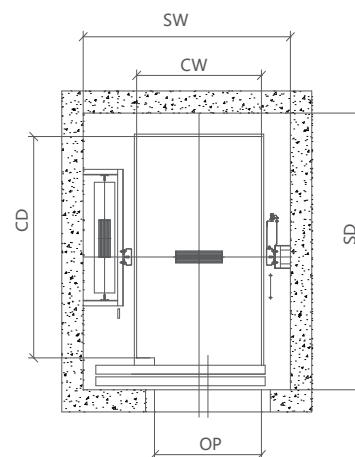
HOISTWAY ELEVATION



MACHINE ROOM PLAN



HOISTWAY PLAN

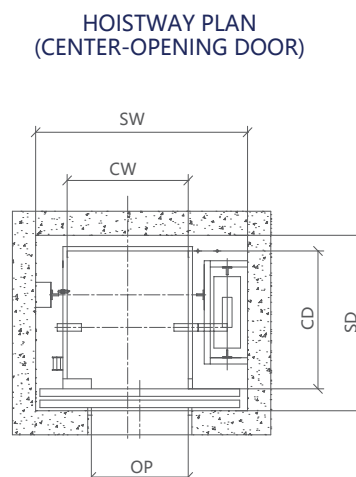
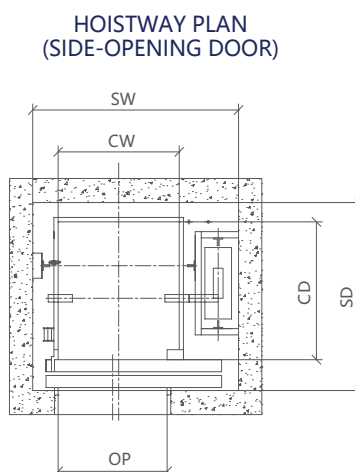
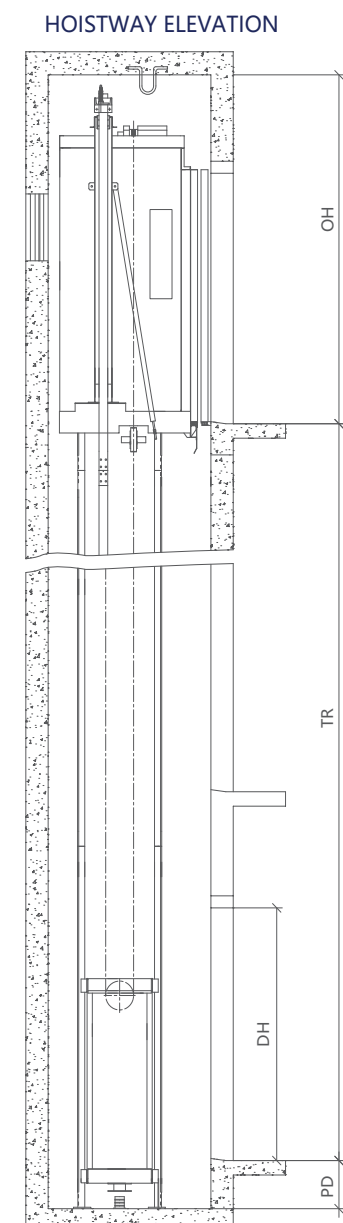


Bed elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
1600	1.0	Four Panels Side Opening	1200*2100	1400*2400*2600	2300*3000	≥1500	≥4300	≥2200
	1.5					≥1600	≥4400	≥2200
	1.75					≥1600	≥4500	≥2200

VILLA ELEVATOR

CONSTRUCTION LAYOUT DRAWING

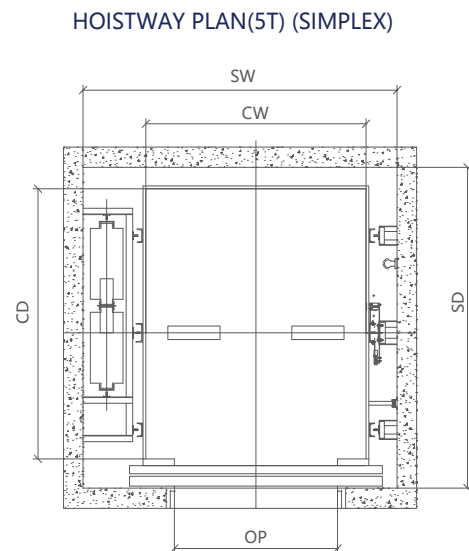
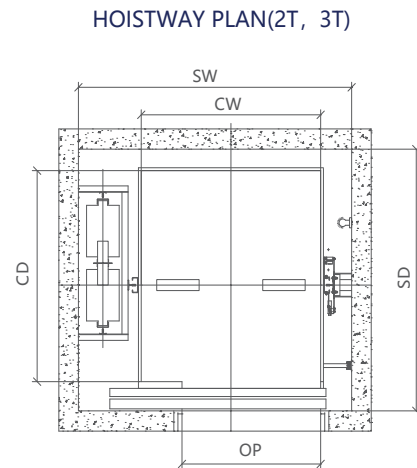
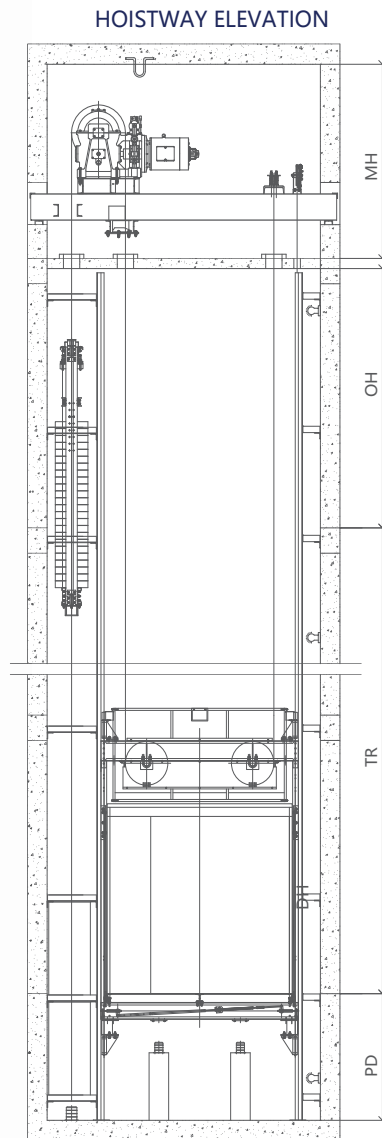


Villa elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height
(Kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)
250	0.4	Side Opening	800*2100	800*900*2280	1500*1350	≥450	≥2900
320	0.4	Side Opening	800*2100	900*1000*2280	1600*1400	≥450	≥2900
400	0.4	Center Opening	800*2100	1000*1100*2280	1700*1400	≥450	≥2900

FREIGHT ELEVATOR

CONSTRUCTION LAYOUT DRAWING

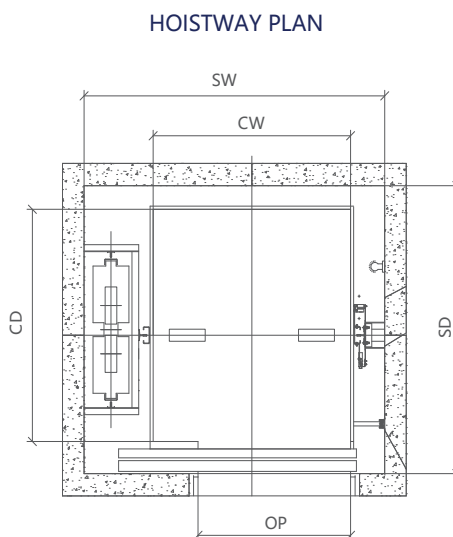
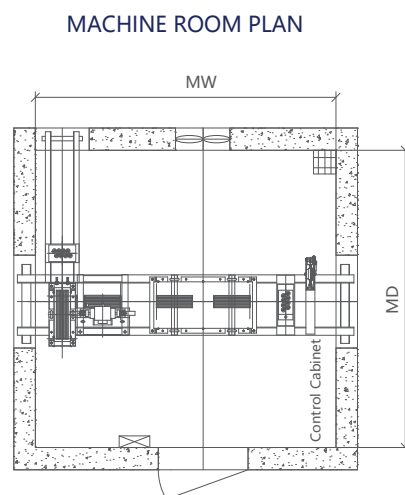
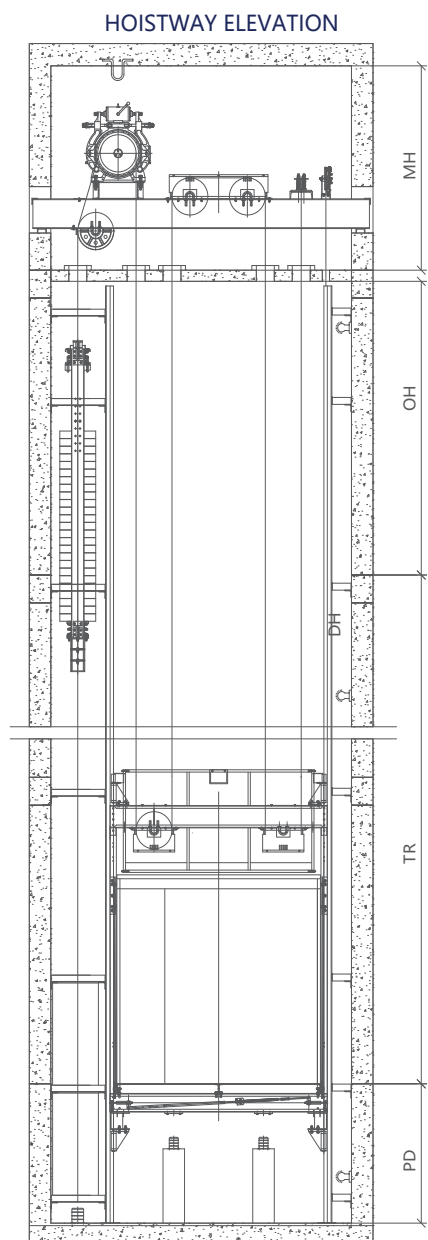


Freight elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(Kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
2000	0.5	Four Panels Side Opening	1600*2100	1900*2100*2200	2850*2700	≥1500	≥4200	≥2200
3000	0.5	Four Panels Side Opening	1700*2100	2200*2500*2200	3350*3100	≥1500	≥4200	≥2300
5000	0.5	Four Panels Center Opening	2000*2100	2700*3200*2200	3850*3800	≥1600	≥4200	≥2500
8000	0.3	Four Panels Center Opening	2000*2100	2700*5000*2200	3850*5600	≥1700	≥4800	≥2600

SMALL MACHINE ROOM

FREIGHT ELEVATOR CONSTRUCTION LAYOUT DRAWING

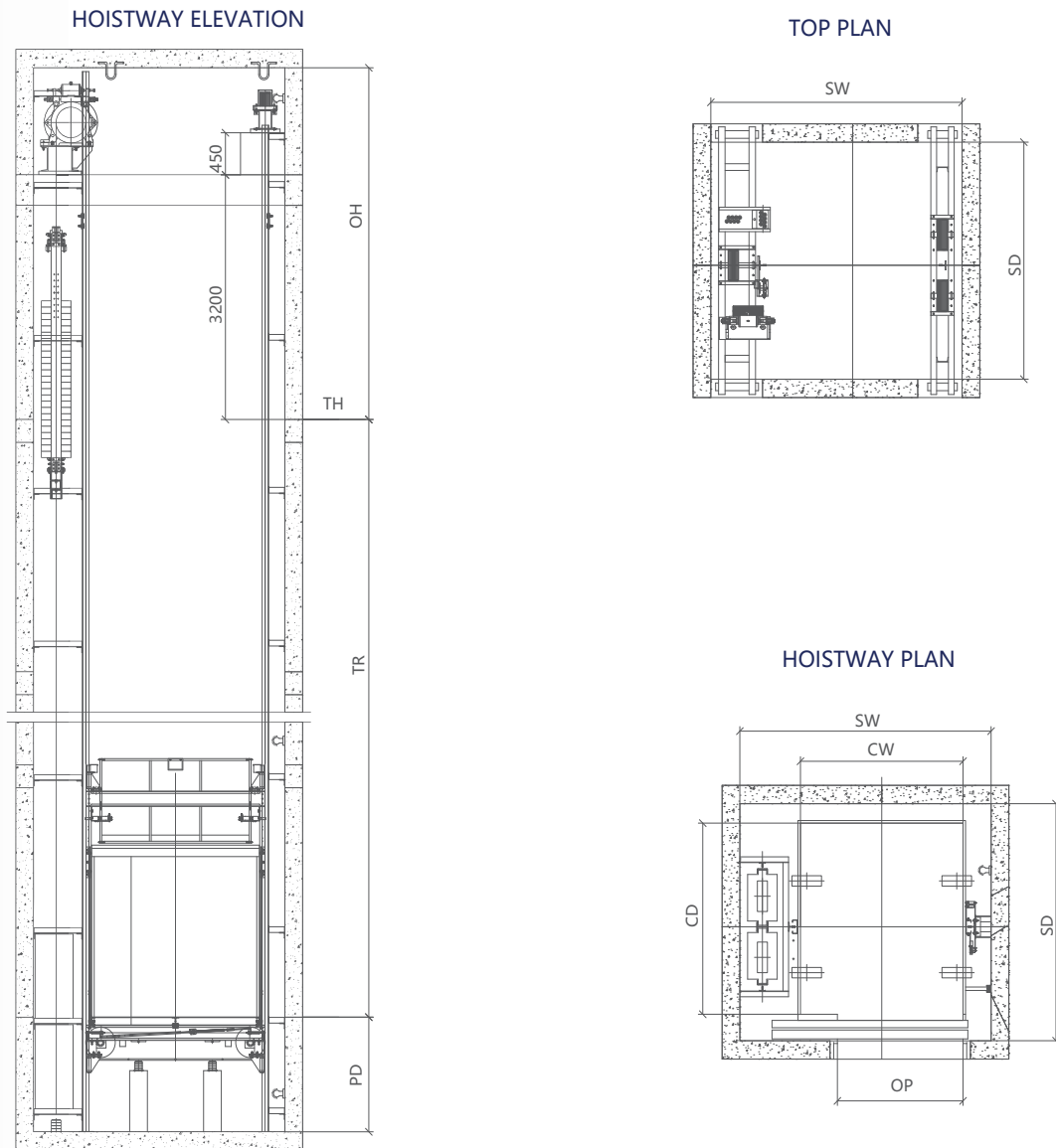


Small machine room freight elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
2000	0.5	Four Panels Side Opening	1600*2100	1900*2100*2200	2850*2700	≥1500	≥4200	≥2200/2500
	1.0							
3000	0.5	Four Panels Side Opening	1700*2100	2200*2500*2200	3350*3100	≥1500	≥4200	≥2200/2500
	1.0							
5000	0.5	Four Panels Center Opening	2000*2100	2700*3200*2200	3850*3800	≥1600	≥4200	≥2500

MACHINE ROOMLESS

FREIGHT ELEVATOR CONSTRUCTION LAYOUT DRAWING



Machine roomless freight elevator specifications

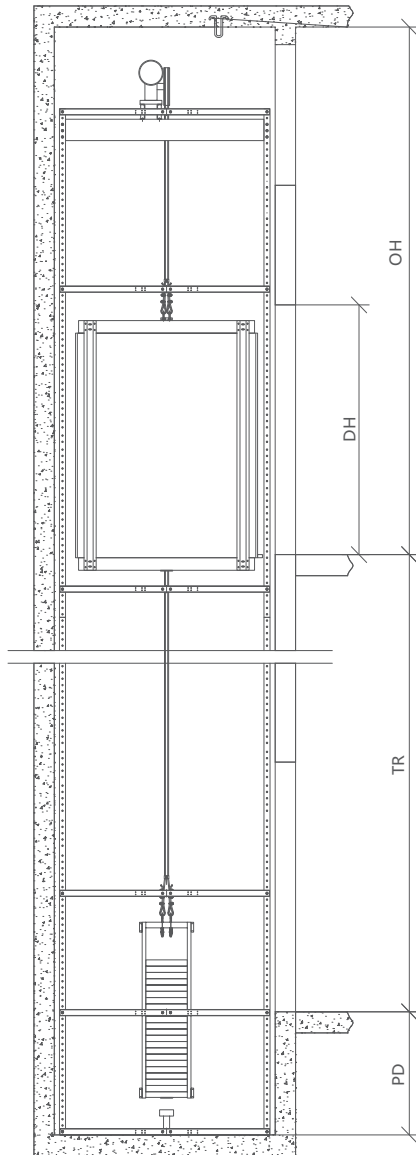
Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height
(Kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)
2000	0.5	Four Panels Side Opening	1600*2100	1900*2100*2200	2950*2700	≥1500	≥4500
	1.0						
3000	0.5	Four Panels Side Opening	1700*2100	2200*2500*2200	3400*3100	≥1500	≥4600
	1.0						
5000	0.5	Four Panels Center Opening	2000*2100	2700*3200*2200	4000*3800	≥1600	≥5600

DUMBWAITER ELEVATOR

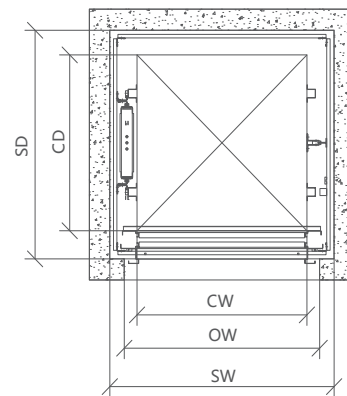
CONSTRUCTION LAYOUT DRAWING



HOISTWAY ELEVATION (GROUND TYPE)



HOISTWAY PLAN



Dumbwaiter elevator specifications

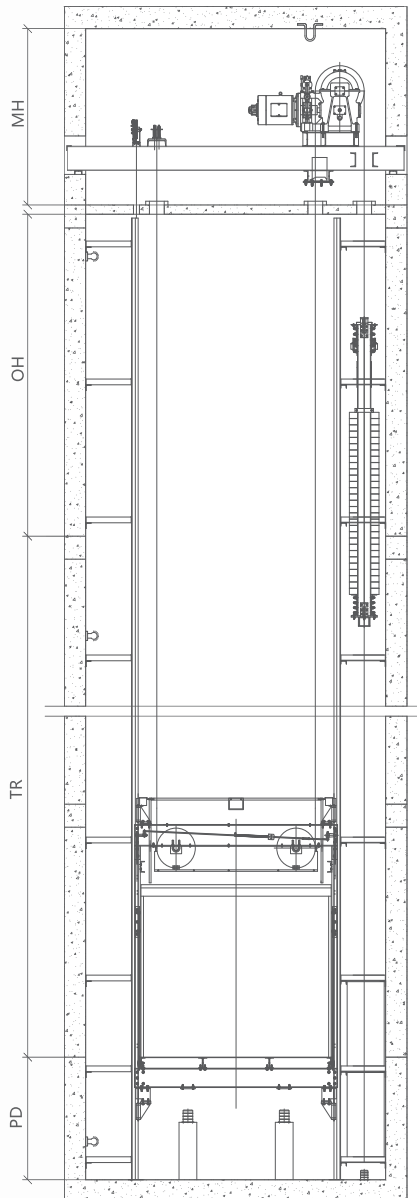
Capacity	Openings types	Speed	Entrance	Car size	Opening size	Shaft size	Pit depth	Overhead height
(kg)		(m/s)		CW×CD×CH	CW×CH	SW×SD	(mm)	(mm)
100	Window Type	1.0	Up and down Opening	600*600*800	750*1050	920*920	≥650	≥3000
200	Window Type	1.0	Up and down Opening	800*800*800	950*1050	1120*1120	≥650	≥3000
200	Ground Type	1.0	Folding Side Opening	800*800*1000	1060*1250	1120*1100	≥700	≥2800
300	Ground Type	1.0	Folding Side Opening	1000*1000*1170	1260*1420	1320*1300	≥700	≥3000

CAR ELEVATOR

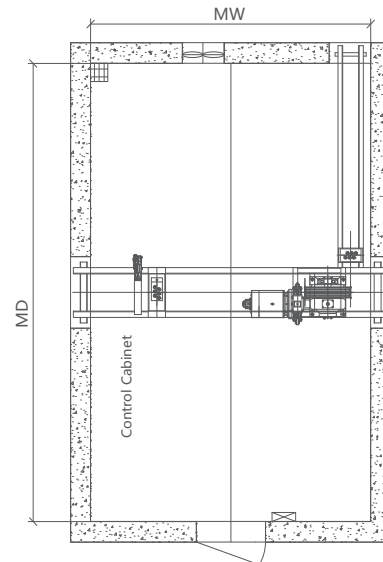
CONSTRUCTION LAYOUT DRAWING



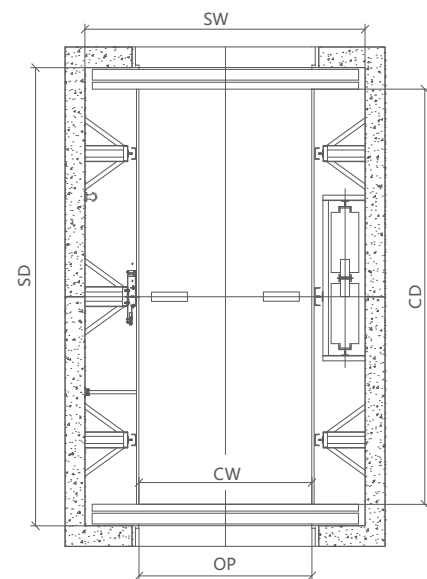
HOISTWAY ELEVATION



MACHINE ROOM PLAN



HOISTWAY PLAN

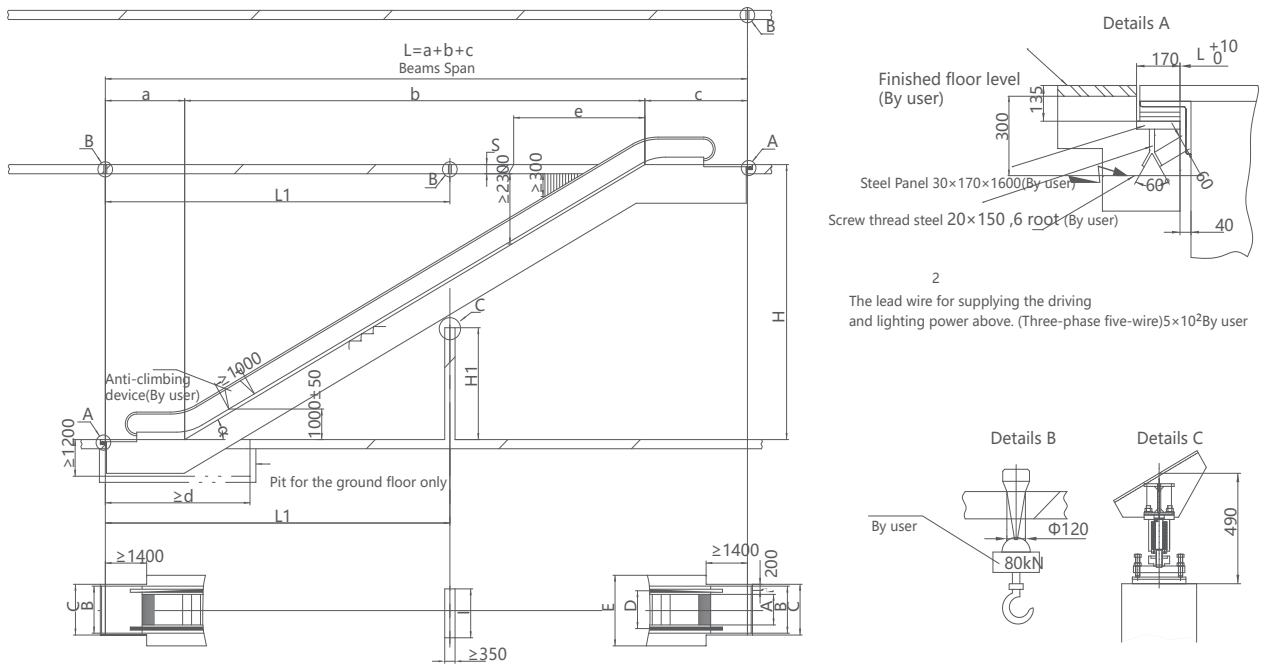


Car elevator specifications

Capacity	Speed	Entrance	Door opening size	Car size	Shaft size	Pit depth	Overhead height	Machine room height
(Kg)	(m/s)		OP×OH	CW×CD×CH	SW×SD	(mm)	(mm)	(mm)
3000	0.5	Four Panels Center Opening	2500*2100	2500*5800*2200	4050*6400	≥1600	≥4200	≥2300
5000	0.5	Four Panels Center Opening	2700*2100	2700*6500*2200	4350*7100	≥1600	≥4400	≥2500

ESCALATOR

CONSTRUCTION LAYOUT DRAWING



Standard specifications and dimensions

Step width	A	600	800	1000
Exterior width	B	1140	1340	1540
Construction opening	C	1200	1400	1600
Armrest center distance	D	838	1038	1238
Floor slab opening	E	1838	2038	2238
Supporting length	I	1140	1340	1540
Traveling height (H ≤ 6m)	Inclination α	30°		35°
	a	2198		2242
	b	1.732×H		1.428×H
	c	2567		2663
	d	4100		4300
	e	4000+1.732×S		3300+1.428×S
	H1	N/A		N/A
Traveling height (6m < H ≤ 9m)	L1	N/A		N/A
	Inclination α	30°		
	a	2688		
	b	1.732×H		
	c	3057		
	d	4900		
	e	4000+1.732×S		
	H1	Depend on the construction drawing		
	L1	Depend on the construction drawing		

Technical Parameters

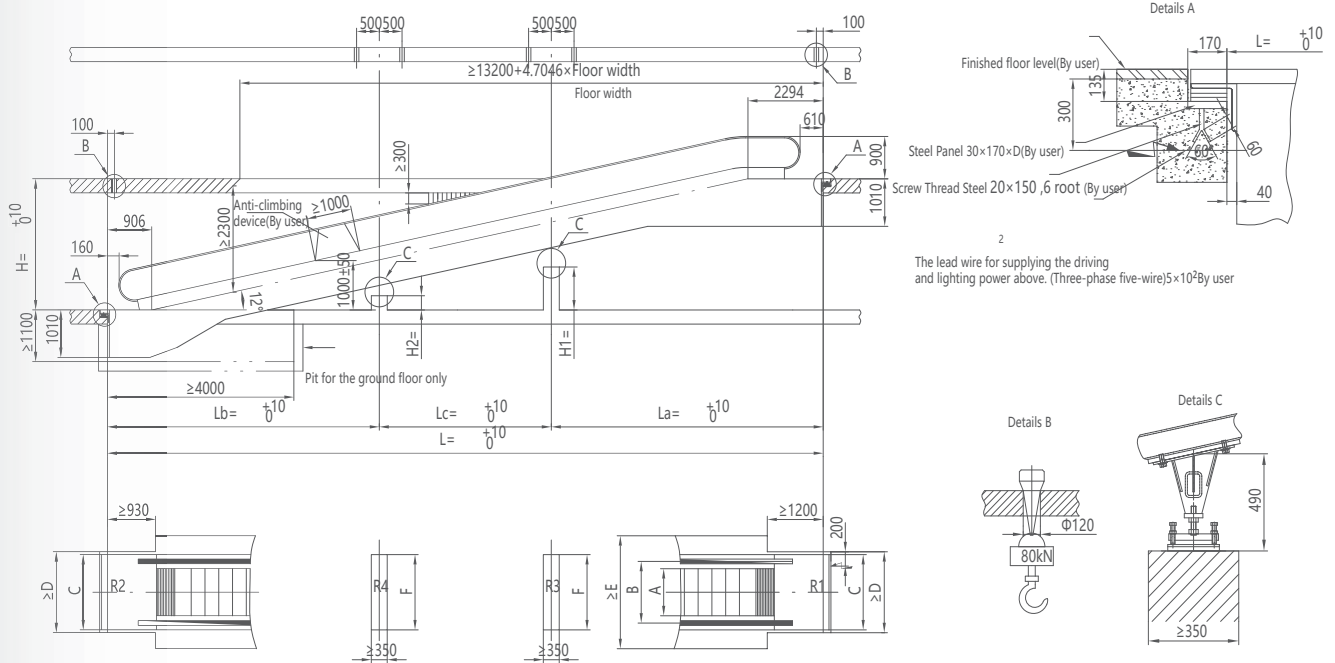
Escalator model	SW	
Escalator speed	0.5m/s	
Inclination α	30°	35°
Traveling height	H	
Two beams span	L=a+b+c	

Technical Description

1. This drawing is based on the dimension mm. It applies to the indoor installation with traveling height at or lower than 9m and speed at 0.5m/s.
2. When the step width=600mm, the upper truss should be extended for 417mm more.
3. When the traveling height is more than 7.8m, the upper truss should be extended for 417mm more.
4. The driving power is Three Phase AC 380V, 50HZ.
5. When the leveling span is more than 15.0m, it needs a intermediate support and lies in the middle.
6. When the escalator is installed in the second floor or above, the pit will be canceled and the bottom and upper construction structure will be balanced.
7. There should remain enough space in the escalator entry and exit. The width should be at least 1238mm and the depth from the handrail belt steering to the front barrier should be at least 2500mm.
8. The distance between the handrail center line and any barriers cannot be lower than 500mm. The distance from the handrail belt steering to the front barrier cannot be lower than 500mm.

MOVING WALK

CONSTRUCTION LAYOUT DRAWING



Standard specifications and dimensions

Step width A		Handrail center distance B		Exterior width C		Construction opening D		Floor slab opening E		Supporting length F
800		1038		1400		1460		2110		1400
1000		1238		1600		1660		2310		1600
Inclination	Traveling height		Intermediate support		La	Lb	Lc	H1	H2	
	From	To	R3	R4						
12°	1601	2508	-	-	-	-	-	-	-	-
	2509	5695	1	-	L/2	L/2	-	H-(La×0.2126+545)	-	-
	5696	6000	1	1	L/3	L/3	L/3	H-(La×0.2126+545)	H1-(Lc×0.2126)	-

Technical Description

1. This drawing is based on the dimension mm. It applies to the traveling height at or lower than 6m and speed at 0.5m/s.
2. It adopts the dual drive and the upper truss should be extended for 417mm more.
3. The driving power is Three Phase AC 380V, 50HZ.
4. When the escalator is installed in the second floor or above, the pit will be canceled and the bottom and upper construction structure will be balanced.
5. There should be enough space in the escalator entry and exit. The width should be at least 1238mm and the depth from the handrail belt steering to the front barrier should be at least 2500mm.
6. The distance between the handrail center line and any barriers cannot be lower than 500mm. If not, the user should place a vertical guarding apron with no sharp edges above the handrail belt.

Technical Parameters

Moving walk model	TM
Moving walk speed	0.5m/s
Inclination α	12°
Traveling height	H
Two beams span	$L = H \times 4.7046 + 3200$



บริษัท ไดอาน่า เอลิเวเตอร์ จำกัด Diana Elevator Co.,Ltd.

สำนักงานใหญ่ : 111/40 ถนนเลียบทางด่วน แขวงทุ่งครุ เขตทุ่งครุ กรุงเทพมหานคร 10140

Head Office : 111/40 Liabthangduan Rd. , Thung Khru ,Thung Khru , Bangkok 10140 , Thailand

Tel. 02-458-5588 , 094-269-8263 Fax. 02-458-5589 Email. dianaelevator.co@gmail.com

www.dianalift.com

