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Joylive Elevator Co., Ltd.

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E: export@joylive.com

Stock code: 833481
Stock name: Joylive

Passenger elevator / Panoramic elevator / Freight elevator / Escalator

About us

The Joylive Elevator（previously called Suzhou Great Elevator Co., Ltd.) is a famous provider of elevators, escalators, and related services. It was founded in Kunshan city (60km to Shanghai) in 2002. Its innovative and environmentally-friendly access and transit management systems make an important contribution to mobility in urban societies. Joylive is building a world that's safer, more comfortable and energy efficient, more innovative and productive!

Joylive Elevator has been continuingly introducing advanced technology and advocating self-dependent innovation, implementing green energy saving and humanized ideas of products design. Our diversified and personalized products includes passenger elevator, hospital elevator, villa elevator, hydraulic elevator, freight elevator, panoramic elevator, car elevator, escalator, moving walk, special elevator etc.

Joylive has participated in over 500 transportation projects in 200 cities and is playing an important role in servicing China's urbanization process. Product and service networks have covered more than 50 countries and regions, including Southeast Asia, the Middle East, Singapore, New Zealand, Africa etc.

For more information about Joylive, please visit the company's website at www.joylive.com.

Energy Efficiency Certificate Class A

ISO 9001, ISO 1400, and ISO OHSAS18001

EAC Certificate

CE Certificate

Joylive all over the world

Crown Plaza Hotel Christchurch (New Zealand)

Lahore Hotel (Pakistan)

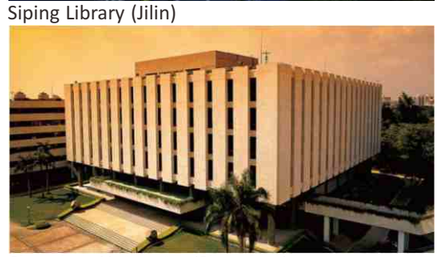
Air Harbour Economic Testing Area (Zhengzhou)

Siping Library (Jilin)

Dashahill Villa Lift (Malaysia)

AgungSedayu (Indonesia)

Yigu International Shopping Center (Suzhou)

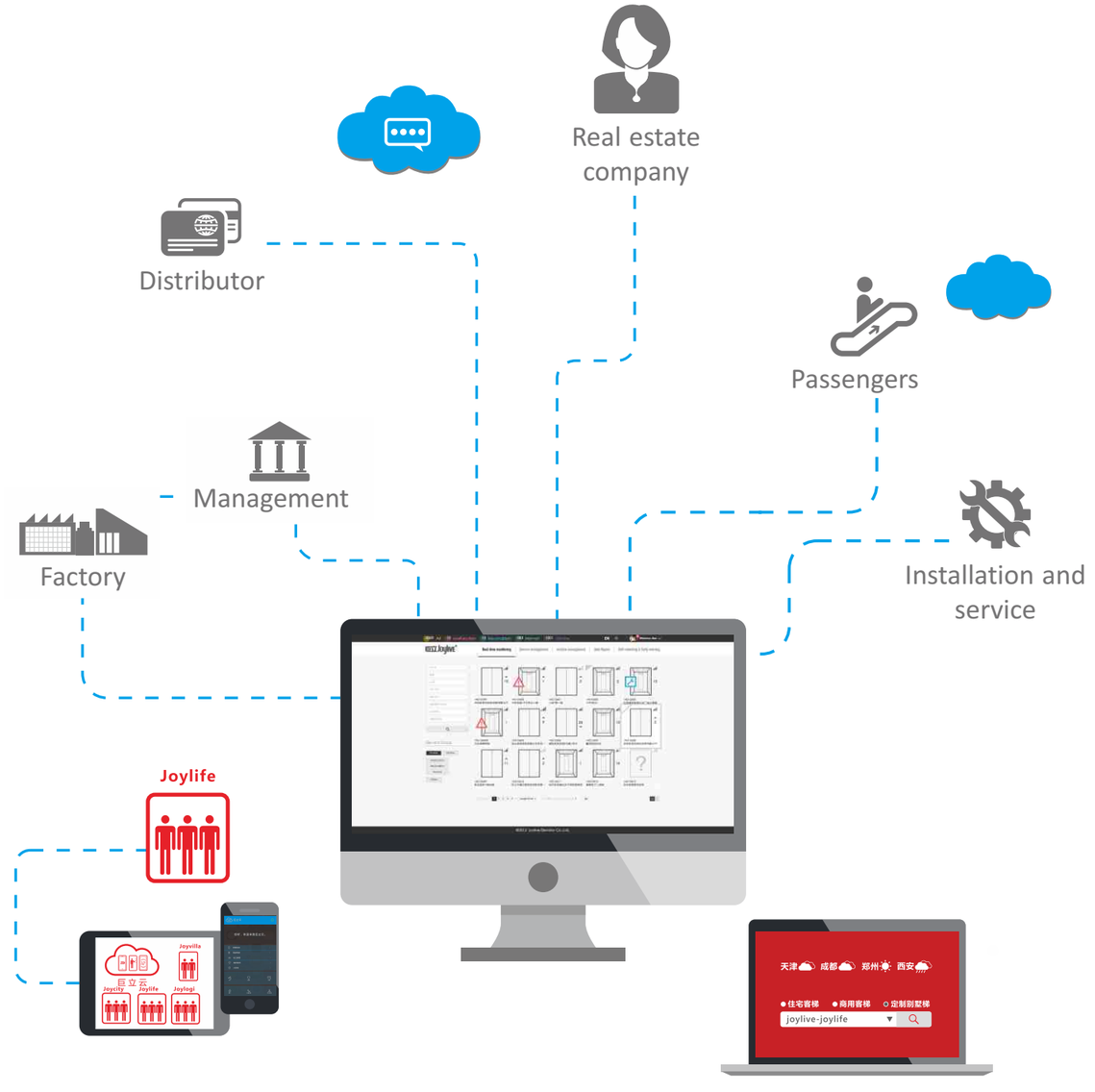

Shenzhen University (Shenzhen)

Product Lines of Joylive

Product name	Load	Speed
MR Passenger Elevator 3100	450-2000kg	1.0-4.0 m/s
MRL Passenger Elevator 3200	450-1600kg	1.0-1.75 m/s
MR Panoramic Elevator G310	630-1600kg	1.0-1.75 m/s
MRL Panoramic Elevator GN320	630-1600kg	1.0-1.75 m/s
MR Hospital Elevator B310	1000-2000kg	1.0-1.75 m/s
MRL Hospital Elevator BN320	1000-1600kg	1.0-1.75 m/s
MR Freight Elevator F100	1000-5000kg	0.25-1.0 m/s
MRL Freight Elevator FN100	1000-4000kg	0.5-1.5 m/s
Home Elevator 6300, 6600	320-400kg	0.4 m/s
Escalator E200 Moving walk M200	600-1000mm	0.5-0.6 m/s

Elevator Service platform with IOT (The Internet of Thing)

Joylive internet service creates an open environmental platform that includes remote monitoring, online installation, online service, geo-referencing, dynamic monitoring, interactive exchange and media information; These seven modules of business services are designed for manufacturers of elevators, government supervision departments, passengers, installation and maintenance services, property management, the main goal is to provide greater safety and convenience for passengers.

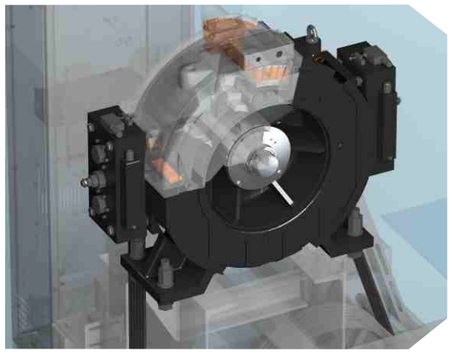


Competitive Advantages of Joylive

Intelligent Control System

The advanced intelligent modular control system based on 32-bit integrated processor regulates the speed of VVVF vector speaker, provides a high speed data transfer over long distances and control accuracy. These functionality can satisfy any requirements; The extended system of self-diagnosis keeps high efficiency and convenience; Universality, high quality standard, system reliability assurance.

Intelligent control technology saves more space, simplifies operation and maintenance of elevator.

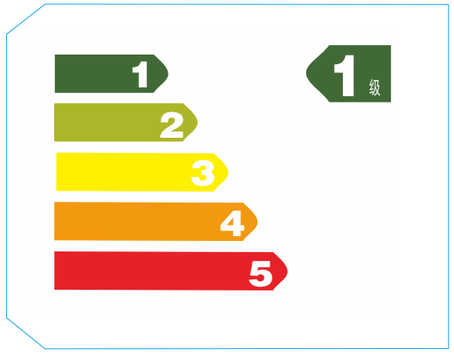


Automatic Diagnostics Brake System

The diagnostic circuit constantly monitors the proper operation of brake system in order to avoid safety problems that caused by malfunction in the equipment, thereby significantly increasing operational safety of the structure; The pioneering elevator suspension and traction system that enables a smaller drive system, higher durability and longevity, and is eco-friendly.

Energy Efficiency Class A ISO25745 Certification

To realize power saving function, elevator will go into standby mode when there is no call by passengers and power consumption is less than 50 W. When passenger calls elevator, it will immediately return to normal. This feature can reduce power consumption in standby mode by 50% for our customers. And elevators are equipped with LED lighting that provide ultra low power consumption and over long life.

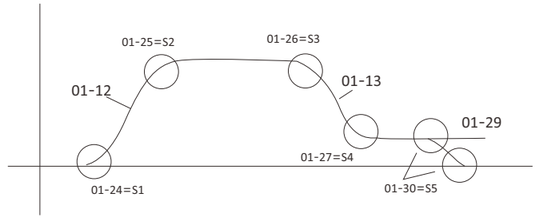


Advanced Technology of Lift Car Direct Stop

The self-diagnosis system calculates and automatically generates a "curve" of work; it will automatically and constantly inform the position of cabin. Based on automatic feedback unit, it will calculate approach time of cabin to stopping postion, which makes the stop more even and accurate.

The automatic process of generating the curve, the work is based on the analysis of distance between two points;

Automatic diagnostics and correction using feedback unit is designed to accurately calculate the stop signal, which makes the start-stop smooth and comfortable.



GP30/GPN30

G5158
Standard cabin design

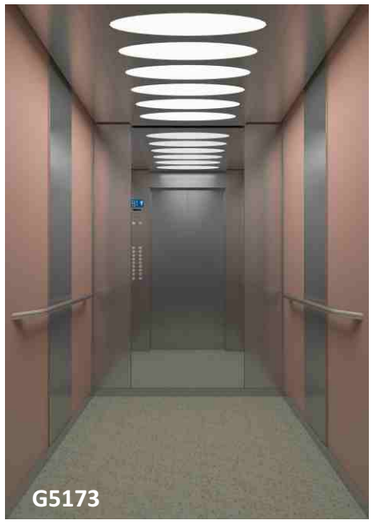
Cabin walls: Hairline stainless steel
Ceiling: Hairline stainless steel G1008
COP: Hairline stainless steel G2116 (Full height for cabin)
Floor: Marble G3308
Handrail: Round type G6001

Passenger Elevator Cabin Design

Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Etching mirror stainless steel
Ceiling: Hairline stainless steel G1010
Floor: Marble FT-03
Handrail: Round type G6001

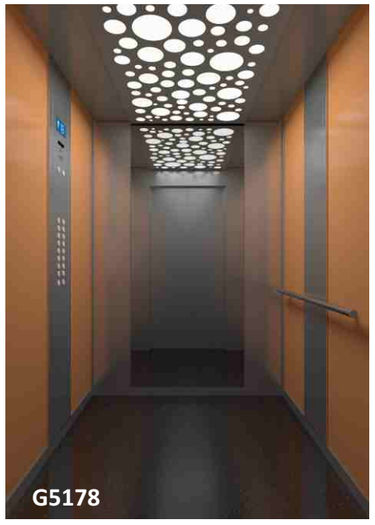
Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Etching mirror stainless steel
Ceiling: Hairline stainless steel G1036
Floor: Marble FT-05
Handrail: Round type G6001

Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Fire-proof board
Ceiling: Hairline stainless steel G1040
Floor: PVC G3109
Handrail: Flat type G6003

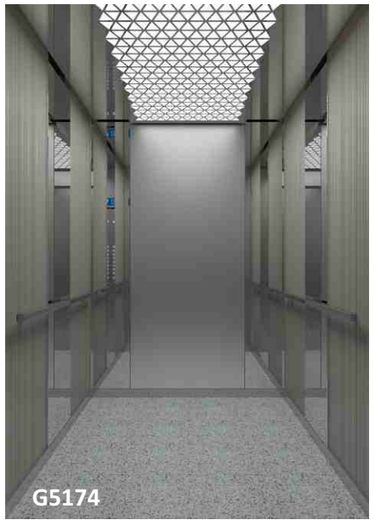


Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Fire-proof board
Ceiling: Hairline stainless steel G1040
Floor: PVC G3109
Handrail: Round type G6012

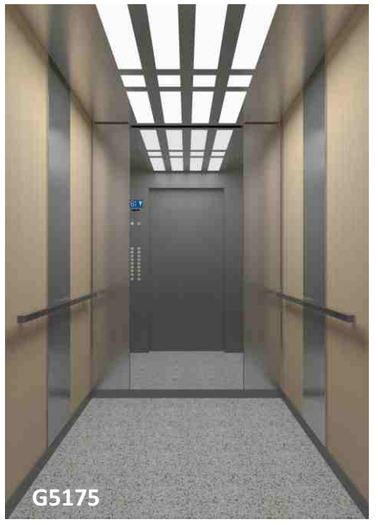
Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Etching mirror stainless steel
Ceiling: Mirro stainless steel G4203
Floor: Marble FT-01
Handrail: Flat type G6003



Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Fire-proof board
Ceiling: Hairline stainless steel G1043
Floor: Marble G3317
Handrail: Round type G6001



Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Fire-proof board
Ceiling: Hairline stainless steel G1045
Floor: Marble G3313
Handrail: Round type G6011

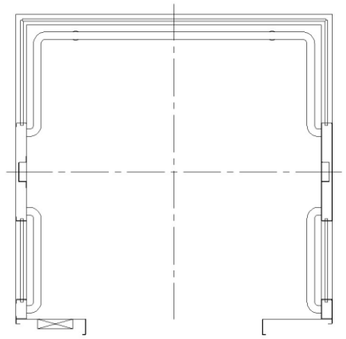


Cabin walls:
Hairline stainless steel
Mirror Stainless Steel
Fire-proof board
Ceiling: Hairline stainless steel G1044
Floor: Marble G3313
Handrail: Round type G6001

Panoramic Elevator Cabin Design

GO 09

Upper and lower cover:
Hairline stainless steel
Cabin walls:
Tempered glass
Hairline stainless steel
Ceiling: Hairline stainless steel G1017
Floor: Marble G3313
Handrail: Hairline Stainless Steel G6019



GO 11

Cabin walls: Tempered glass
Hairline stainless steel
Ceiling: Hairline stainless steel G1013
Floor: Marble G3313
Handrail: Hairline Stainless Steel G6019

GO 12

Cabin walls: Tempered glass
Hairline stainless steel
Ceiling: Hairline stainless steel G1013
Floor: Marble G3313
Handrail: Hairline Stainless Steel G6019

GO 14

Cabin walls: Tempered glass
Hairline stainless steel
Ceiling: Hairline stainless steel G1020
Floor: PVC G3108
Handrail: Hairline Stainless Steel G6013

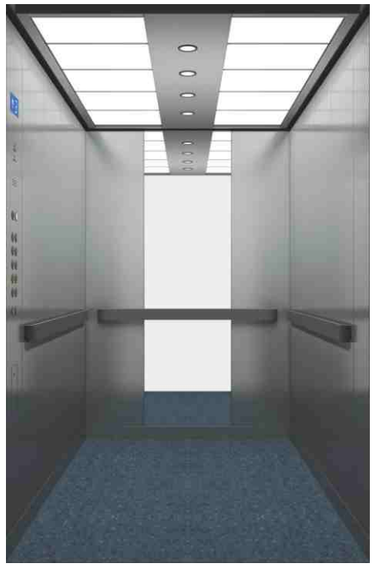
GO 15

Cabin walls: Tempered glass
Hairline stainless steel
Ceiling: Hairline stainless steel G1019
Floor: PVC G3108
Handrail: Hairline Stainless Steel G6013

Hospital Elevator

G5138

Cabin walls:
Hairline stainless steel, Mirror
Ceiling: Hairline stainless steel G1010
Handrail: Round type G6001
Floor: PVC G3109



G5139

Cabin walls:
Hairline stainless steel, Mirror
Ceiling: Hairline stainless steel G1017
Handrail: Flat type G6003
Floor: PVC G3111

Freight Elevator

G5203

Cabin walls:
Painted steel
Ceiling: Painted steel, Acrylic
Floor: Chequered steel

G5204

Cabin walls:
Hairline stainless steel
Ceiling: Hairline stainless steel, Acrylic
Floor: Chequered steel

Home Elevator

G5201

Cabin walls: Hairline stainless steel
Ceiling: Hairline stainless steel LED G1034
Handrail: Round hairline stainless steel G6001
Floor: PVC G3101

G5199

Cabin panel: Wooden veneer and rose gold mirror finish with etched pattern.
Ceiling: Rose gold mirror finish and Metallic mosaic
Handrail: Round hairline stainless steel G6001
Floor: Marble Mosaic

G5146

Cabin panel: Hairline Stainless Steel, safety glass
Ceiling: Mirror stainless steel,
white acrylic + LED G1003
Handrail: Round hairline stainless steel G6001
Floor: PVC G3114

G5148

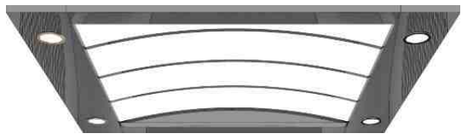
Cabin panel: Hairline stainless steel (G4202)
Mirror Stainless Steel (G4203)
Ceiling: Mirror stainless steel, Acrylic + LED G1003
Handrail: Round hairline stainless steel G6011
Floor: Marble G3116

Ceiling Design

G1038

G1013

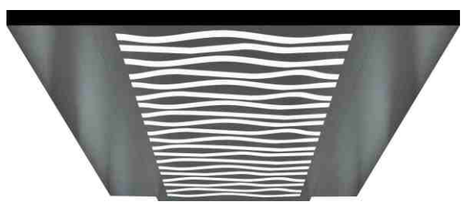
G1057



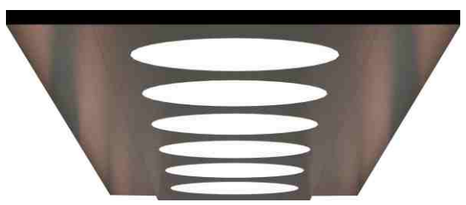
G1005

G1008

G1036



G1040



G1041

Landing Door Design

Narrow door jamb (Standard)

Wide door jamb (Optional)

Door finishing choice:
Painted steel
Hairline stainless steel
Etching hairline stainless steel
Mirror stainless steel
Etching mirror stainless steel

TM 001

TM 002

TM 003

TM 004

COP (Car Operation Panel)

Standard | Optional

G2116
Hairline stainless steel
(To the full height of cabin)

G2113
Hairline stainless steel

G2125
Plexiglass
(Wall mounted)

Digital indicator

Standard | Optional

CS 004
Dot matrix display

G2304-H
Blue Segmented LCD

G2306
Black Segmented LCD

G2305
Multi-media
LCD

CS 002
Blue Segmented
LCD

CS 003
Dot matrix display

Button

G2404

G2404-M
With braille

G4210-M

G4210-M
With braille

LOP

G2219
Aluminum
(Wall-mounted)

G2209
Hairline
Stainless steel

G2210
Hairline
Stainless steel

G2222
Plexiglass
(Wall-mounted)

G2223
Plexiglass
(Wall-mounted)

HS 001
Dot matrix display

G2304
Blue Segmented LCD

G2307
Black Segmented LCD

G2308
Multi-media
LCD

Handrail

G6001

G6003

G6012

Cabin wall panel finishing

G4201

G4203

G4204

G4206

G4214

Etching Mirror Stainless Steel

G4207

G4210

G4211

G4212

G4213

Cabin floor

PVC

G3101

G3104

G3114

G3116

G3108

G3110

G3109

G3111

Marble

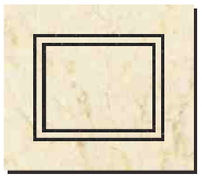
G3310

G3308

G3317

G3313

G3318


G3315

FT-01

FT-03

FT-05

FT-06

FT-07

FT-08

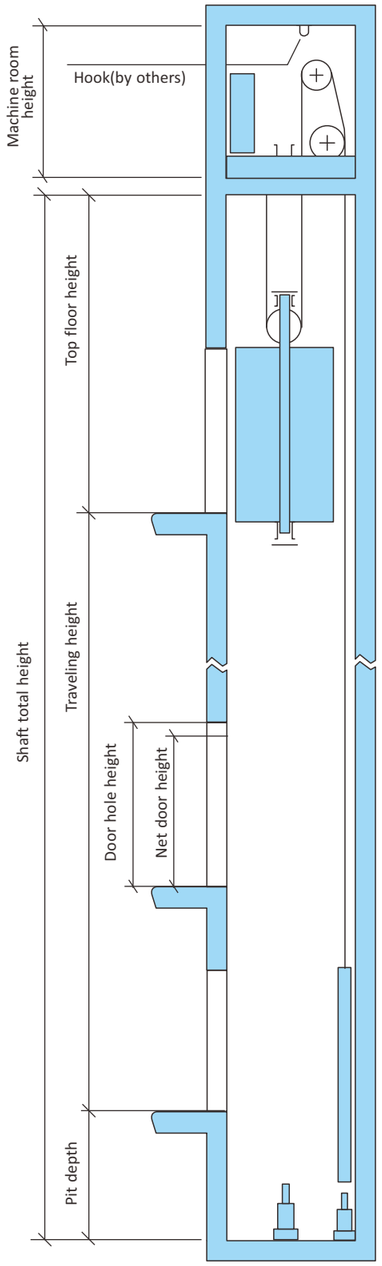
Standard Function

1. Elevator Frequency Inverter Drive
2. Door Machine Frequency Inverter Drive
3. Collective Selective Control
4. Lift Attendant Control
5. Inspection Running
6. Best Curve Auto-generation
7. Shaft Learning
8. Weight Signal Compensation
9. No Load Motor Parameter Identification
10. Automatic Open Door When Power On
11. Automatic Closing Door Operator
12. Landing Call Button At Each Floor
13. Closing Door Repetition
14. Opening Door Repetition
15. Door-open Time Set
16. Door Opening In Advance
17. Nudging Run
18. Light Curtain Protection
19. Overload Protection
20. CPU Fault Protection
21. Anti-slip Protection
22. Up and Down Limit Protection
23. Overspeed Protection
24. Call Button Blocking Inspection
25. Level Fine Adjustment
26. Fault Diagnosis
27. Inverted Running Protection
28. Motor Overcurrent Protection
29. Power Overvoltage Protection
30. Motor Overload Protection
31. Anti-nuisance Device
32. Encoder Failure Protection
33. Door Lock short Circuit Protection
34. Motor Overheating Protection
35. Automatic Return Ground Floor
36. Elevator Lock Service
37. Self Rescue Level Running
38. Directly Floor Stop
39. LCD Display (Optional function for bed elevator)
40. Running Status Display
41. Car Position Auto-correction
42. Lighting Fan Energy-saving Function
43. Car Passing Chime
44. Independent Running
45. Full load and non-stop
46. False Call Cancellation
47. Overload Stop
48. Car Inside Floor Direction Indicator
49. Landing Door Floor Direction Indicator
50. Emergency Light
51. Inching Operation
52. Five-way Intercom
53. Alarm Bell
54. Fire Emergency Return
55. Remote Shut-off
56. User Inspection Set
57. Time-sharing
58. Security Floor Nighttime
59. Attendant Reversal
60. Front and Back Door Independent Control
61. VIP Service
62. Forced Floor Leveling
63. Exchange Floor Stop
64. Opening Delay
65. Service Floor Set
66. Down-collective Operation
67. Mileage Recorder
68. Run Time Recorder
69. Level Button Position Set
70. Re-leveling

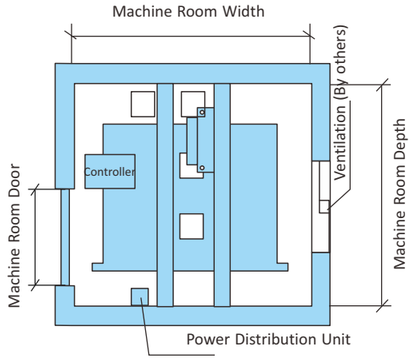
Optional function

1. Power Failure Rescue
2. IC Card Control
3. Voice Announce
   (Standard function for hospital elevator)
4. Wired Remote Monitoring
5. Wireless Remote Monitoring
6. Physical Disabilities Care
   (Standard function for hospital elevator)
7. Group Automatic Operation
8. Auxiliary COP
   (Standard function for hospital elevator)
9. Earthquake Protection
10. Pre-opening
11. Steaming Media Display Board
12. Car Inside Camera
13. Duplex Control
14. Smart Call Service
15. Remote Control

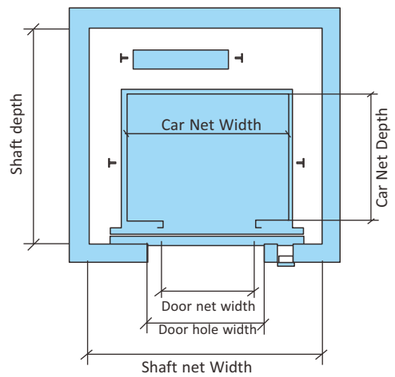
Layout Planning for Passenger Elevator 3100 (MR)



Shaft Vertical Section



Machine Room Plan

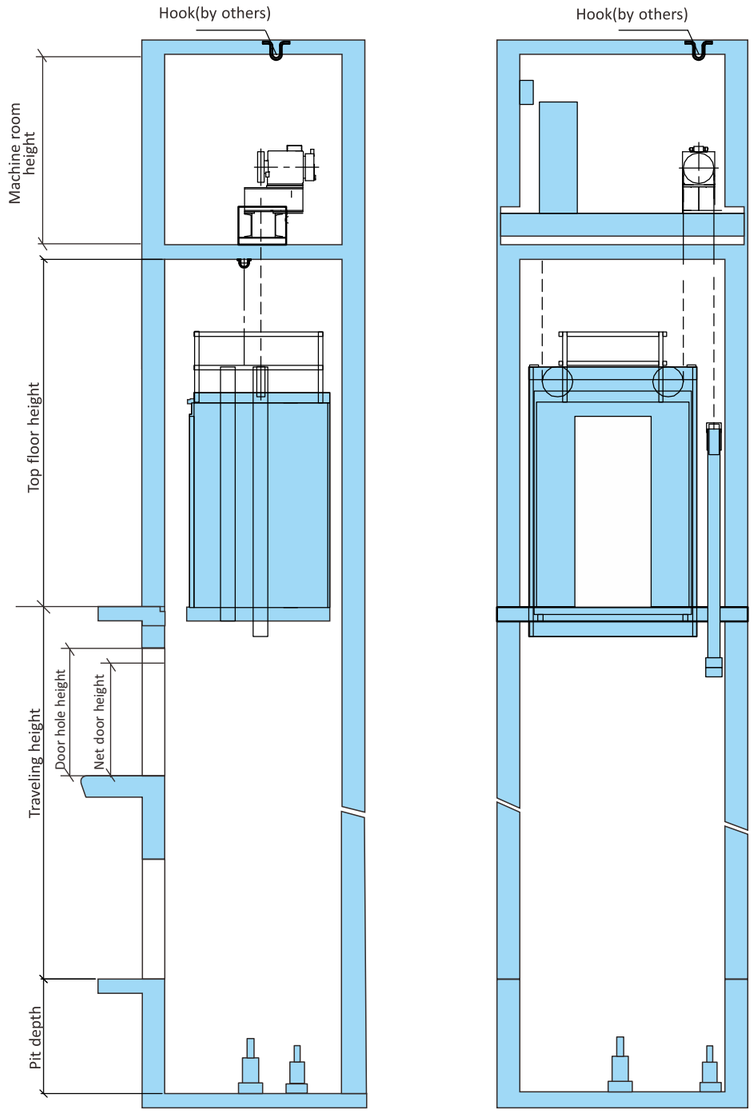


Shaft Plan

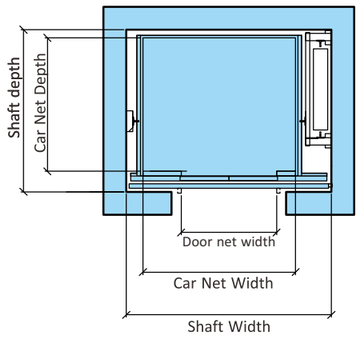
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
630	1	1400X1100	CO 800X2100	1900X1700	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			1900X2100	1650	4500
	2.5				2000	4750
800	1	1350X1400	CO 800X2100	1900X2000	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			1900X2100	1650	4500
	2.5				2000	4750
1000	1	1600X1400	CO 900X2100	2100X2000	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			2200X2200	1650	4500
	2.5				2000	4750
1250	1	1850X1500	CO 1000X2100	2400X2200	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			2400X2300	1650	4500
	2.5				2000	4750
1350	1	1850X1600	CO 1100X2100	2400X2300	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			2400X2400	1650	4500
	2.5				2000	4750
1600	1	2000X1700	CO 1200X2100	2400X2400	1350	4250
	1.5				1500	4350
	1.75				1550	4400
	2			2400X2500	1650	4500
	2.5				2000	4750

Note:
1. Car height for above elevator: 2350mm (net height)
2. Please inform us if the specifications, such as total height, pit depth, shaft size, etc., do not meet the above parameters, we can prepare for the project and make the lift in accordance with customer requirements.

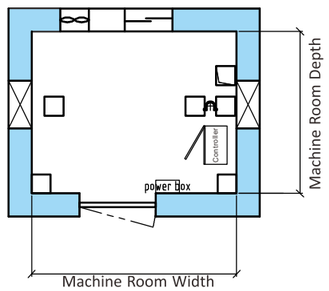
Layout Planning for
Passenger Elevator 3100R (MR) for European markets



Shaft Vertical Section



Shaft Plan

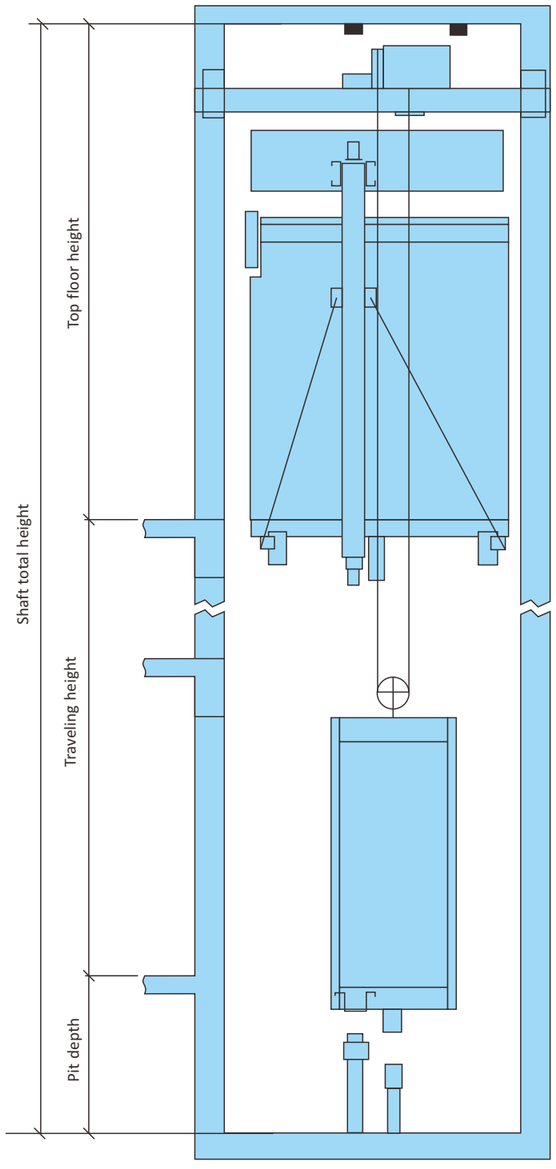


Machine Room Plan

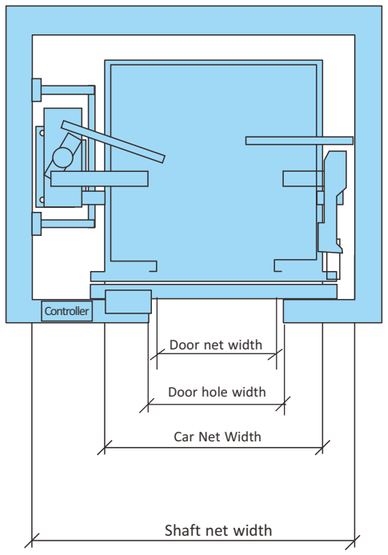
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
400	1	1000X1000	2S 800X2000	1550X1500	1300	3600
	1.5				1400	3800
	1.75				1400	3800
400	1	1000X1000	CO 700X2000	1550X1400	1300	3600
	1.5				1400	3800
	1.75				1400	3800
450	1	1100X1100	2S 800X2000	1650X1550	1300	3600
	1.5				1400	3800
	1.75				1400	3800
450	1	1100X1100	CO 700X2000	1650X1450	1300	3600
	1.5				1400	3800
	1.75				1400	3800
630	1	1100X1400	2S 900X2000	1650X1800	1300	3600
	1.5				1400	3800
	1.75				1400	3800
630	1	1100X1400	CO 700X2000	1650X1700	1300	3600
	1.5				1400	3800
	1.75				1400	3800
800	1	1350X1400	CO 800X2000	1900X1700	1300	3600
	1.5				1400	3800
	1.75				1400	3800
1000	1	2100X1100	2S 1200X2000	2650X1650	1300	3600
	1.5				1400	3800
	1.75				1400	3800
1000	1	1600X1400	CO 1000X2000	2150X1700	1300	3600
	1.5				1400	3800
	1.75				1400	3800
1000	1	1100X2100	2S 900X2000	1650X2500	1300	3600
	1.5				1400	3800
	1.75				1400	3800
1000	1	1100X2100	CO 800X2000	1800X2400	1300	3600
	1.5				1400	3800
	1.75				1400	3800

Note:
1. Fire rated landing doors: E30, E60, E120, Ei30 and Ei60
2. Shaft material: Concrete, brick, metal frame
3. Car height for above elevator: 2050mm (net height)
4. Please inform us if the specifications, such as total height, pit depth, shaft size, etc., do not meet the above parameters, we can prepare for the project and make the lift in accordance with customer requirements.

Layout Planning for Passenger Elevator 3200 (MRL)



Shaft Vertical Section

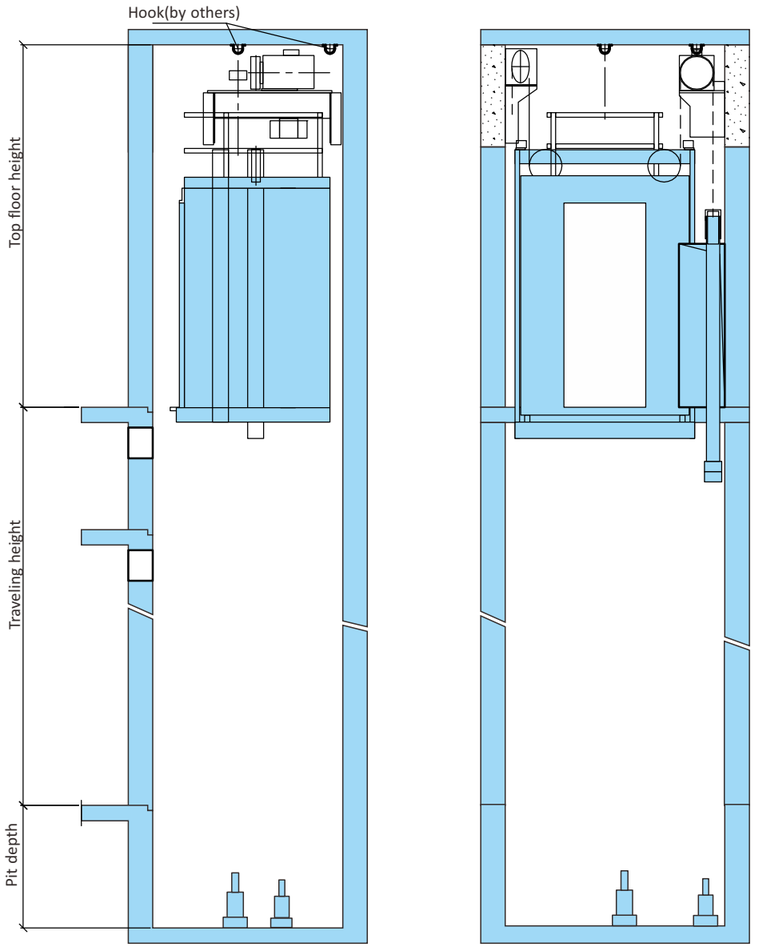


Shaft Plan

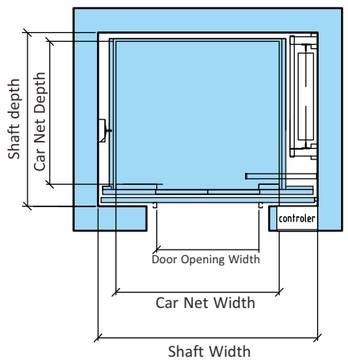
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
630	1	1100X1400	CO 800X2100	1850X1850	1500	4250
	1.5				1550	4350
	1.75				1600	4400
800	1	1350X1400	CO 800X2100	2100X1850	1500	4250
	1.5				1550	4350
	1.75				1600	4400
1000	1	1600X1400	CO 900X2100	2350X1850	1500	4250
	1.5				1550	4350
	1.75				1600	4400
1150	1	1800X1400	CO 1100X2100	2700X1800	1500	4250
	1.5				1550	4350
	1.75				1600	4400
1250	1	1900X1500	CO 1100X2100	2800X1900	1500	4250
	1.5				1550	4350
	1.75				1600	4400
1350	1	1900X1600	CO 1100X2100	2800X2000	1500	4250
	1.5				1550	4350
	1.75				1600	4400
1600	1	2000X1800	CO 1100X2100	2900X2200	1500	4250
	1.5				1550	4350
	1.75				1600	4400

Note:
1. Shaft material: Concrete, brick, metal frame
2. Car height for above elevator: 2400mm (net height)
3. Please inform us if the specifications, such as total height, pit depth, shaft size, etc., do not meet the above parameters, we can prepare for the project and make the lift in accordance with customer requirements.

Layout Planning for
Passenger Elevator 3200R (MRL) for European markets



Shaft Vertical Section



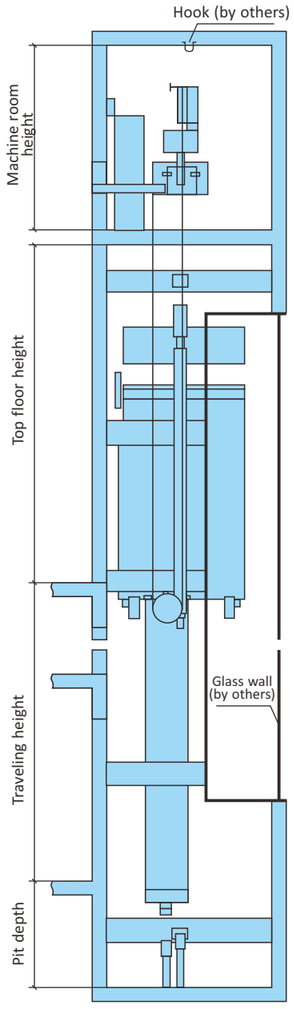
Shaft Plan

Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
400	1	1000X1000	2S 800X2000	1550X1500	1200	3400
	1.5				1300	3600
	1.75				1300	3600
400	1	1000X1000	CO 700X2000	1550X1400	1200	3400
	1.5				1300	3600
	1.75				1300	3600
450	1	1100X1100	2S 800X2000	1650X1550	1200	3400
	1.5				1300	3600
	1.75				1300	3600
450	1	1100X1100	CO 700X2000	1650X1450	1200	3400
	1.5				1300	3600
	1.75				1300	3600
630	1	1100X1400	2S 900X2000	1650X1800	1200	3400
	1.5				1300	3600
	1.75				1300	3600
630	1	1100X1400	CO 700X2000	1650X1700	1200	3400
	1.5				1300	3600
	1.75				1300	3600
800	1	1350X1400	CO 800X2000	1900X1700	1200	3400
	1.5				1300	3600
	1.75				1300	3600
1000	1	2100X1100	2S 1200X2000	2650X1650	1200	3400
	1.5				1300	3600
	1.75				1300	3600
1000	1	1600X1400	CO 1000X2000	2150X1700	1200	3400
	1.5				1300	3600
	1.75				1300	3600
1000	1	1100X2100	2S 900X2000	1650X2500	1200	3400
	1.5				1300	3600
	1.75				1300	3600
1000	1	1100X2100	CO 800X2000	1800X2400	1200	3400
	1.5				1300	3600
	1.75				1300	3600

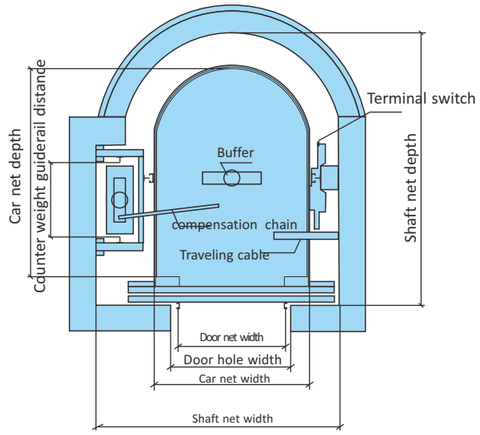
Note:
1. Fire rated landing doors: E30, E60, E120, Ei30 and Ei60
2. Shaft material: Concrete, brick, metal frame
3. Car height for above elevator: 2050mm (net height)
4. Please inform us if the specifications, such as total height, pit depth, shaft size, etc., do not meet the above parameters, we can prepare for the project and make the lift in accordance with customer requirements.

Layout Planning for Panoramic Elevator G310 (MR)

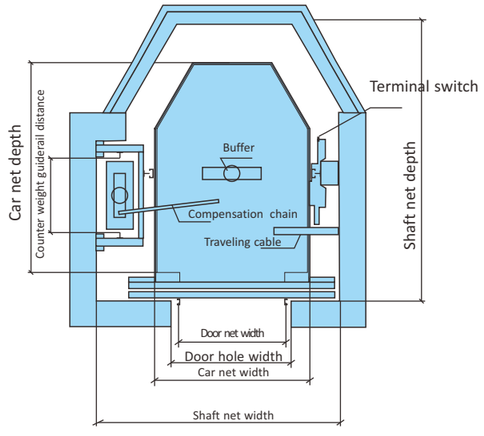
Shaft Vertical Section



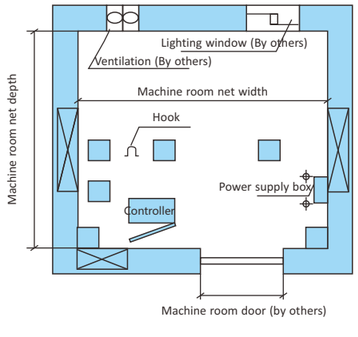
Semi-Circular Shaft Plan



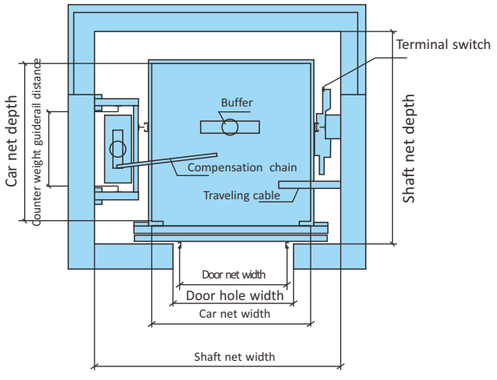
Hexagon type Shaft Plan



Machine Room Plan



Square type Shaft Plan

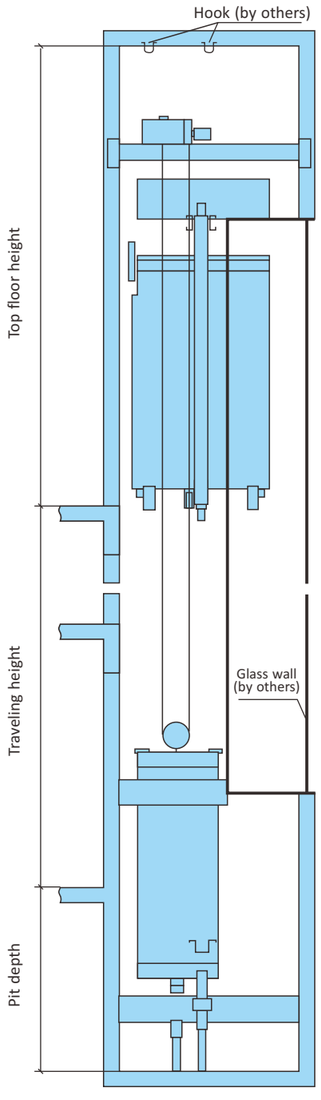


Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
630	1	1100X1400	CO 700X2100	2000X2000	1800	4500
	1.5				1850	4600
	1.75				1900	4650
630	1	1100X1600	CO 700X2100	2000X2200	1800	4500
	1.5				1850	4600
	1.75				1900	4650
800	1	1300X1500	CO 800X2100	2200X2100	1850	4600
	1.5				1900	4650
	1.75				1950	4700
800	1	1200X1750	CO 800X2100	2100X2350	1850	4600
	1.5				1900	4650
	1.75				1950	4700
1000	1	1500X1500	CO 900X2100	2400X2100	1900	4650
	1.5				1950	4700
	1.75				2000	4750
1000	1	1300X1900	CO 900X2100	2200X2500	1900	4650
	1.5				1950	4700
	1.75				2000	4750
1250	1	1600X1700	CO 1000X2100	2500X2300	2000	4750
	1.5				2050	4800
	1.75				2100	4850
1250	1	1500X2000	CO 900X2100	2400X2600	2000	4750
	1.5				2050	4800
	1.75				2100	4850
1350	1	1800X1700	CO 1100X2100	2700X2300	2050	4800
	1.5				2100	4850
	1.75				2150	4900
1350	1	1600X2000	CO 1000X2100	2500X2600	2050	4800
	1.5				2100	4850
	1.75				2150	4900
1600	1	1900X1800	CO 1100X2100	2900X2400	2150	4900
	1.5				2200	4950
	1.75				2250	5000
1600	1	1800X2100	CO 1000X2100	2800X2700	2150	4900
	1.5				2200	4950
	1.75				2250	5000

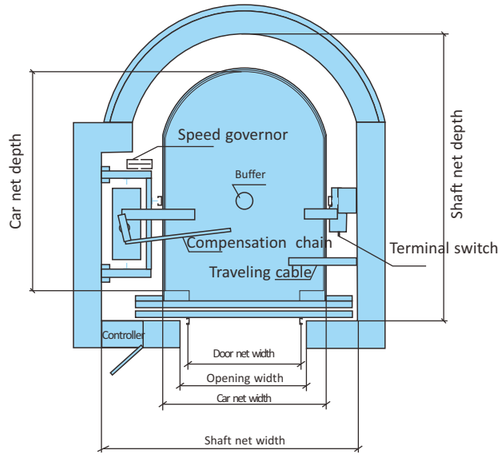
Note: Cabin net height is 2400mm

Layout Planning for Panoramic Elevator GN320 (MRL)

Shaft Vertical Section

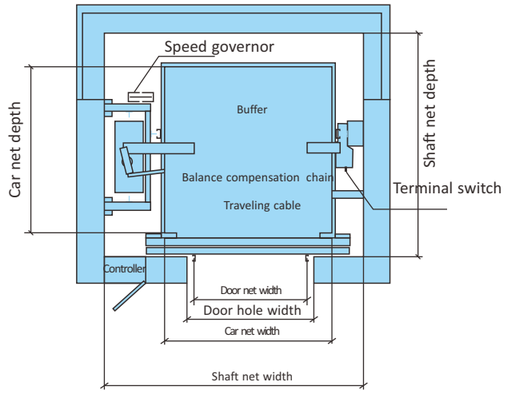


Semi-Circular Shaft Plan



Hexagon type Shaft Plan

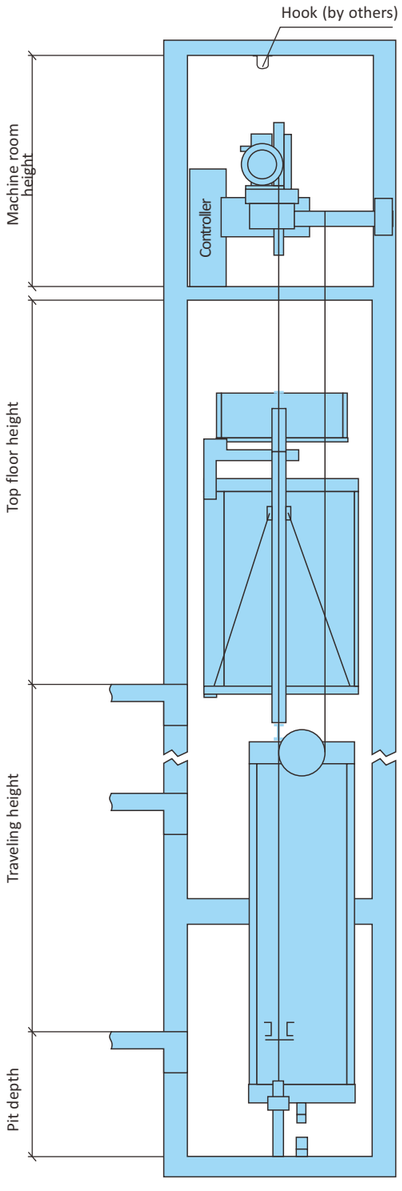
Square type Shaft Plan



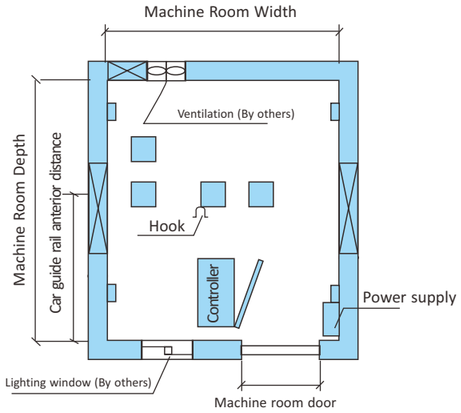
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
630	1	1100X1400	CO 700X2100	2000X2000	1700	4650
	1.5				1750	4700
	1.75				1800	4750
630	1	1100X1600	CO 700X2100	2000X2200	1700	4650
	1.5				1750	4700
	1.75				1800	4750
800	1	1300X1500	CO 800X2100	2200X2100	1750	4650
	1.5				1800	4700
	1.75				1850	4750
800	1	1200X1750	CO 800X2100	2100X2350	1750	4650
	1.5				1800	4700
	1.75				1850	4750
1000	1	1500X1500	CO 900X2100	2400X2100	1800	4700
	1.5				1850	4750
	1.75				1900	4800
1000	1	1300X1900	CO 900X2100	2200X2500	1800	4700
	1.5				1850	4750
	1.75				1900	4800
1250	1	1600X1700	CO 1000X2100	2500X2300	1900	4800
	1.5				1950	4850
	1.75				2000	4900
1250	1	1500X2000	CO 1000X2100	2400X2600	1900	4800
	1.5				1950	4850
	1.75				2000	4900

Note: Cabin net height is 2400mm

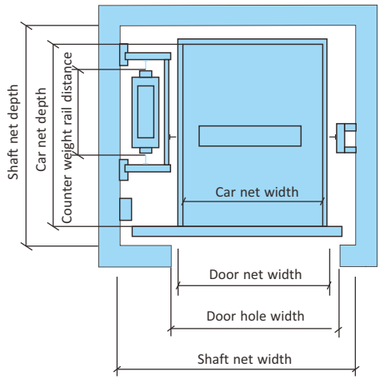
Layout Planning for Cargo Lift F100 (MR)



Shaft Vertical Section



Machine Room Plan

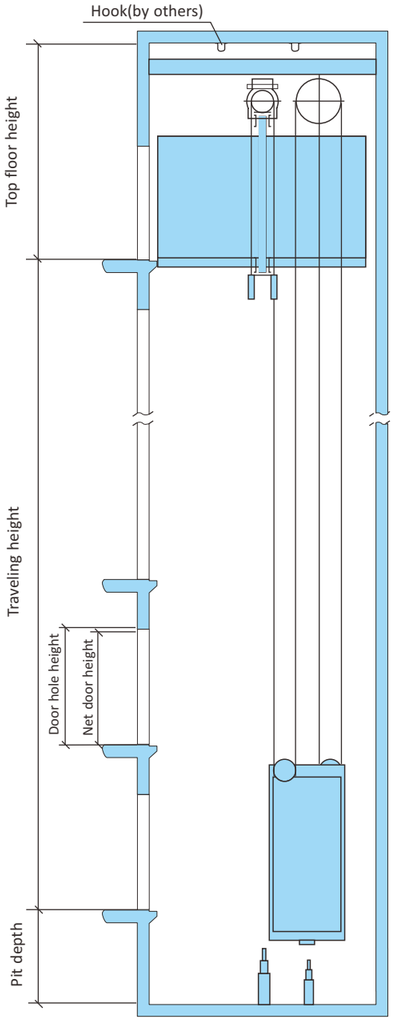


Shaft Plan

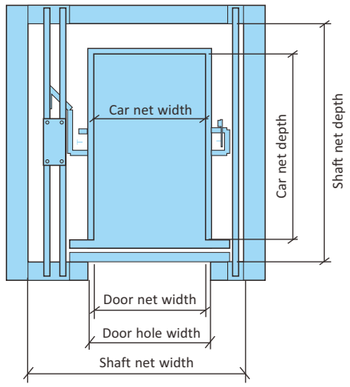
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
2000	0.5	1700X2400	CO 1700X2100	2900X2900	1500	4300
	1					
2000	0.5	1700X2400	CO 1700X2100	2900X2900	1500	4300
	1					
2500	0.5	2000X2500	CO 2000X2100	3350X3000	1500	4300
	1					
2500	0.5	2000X2500	CO 2000X2100	3350X3100	1500	4300
	1					
3000	0.5	2000X2800	CO 2000X2100	3350X3300	1500	4300
	1					
3000	0.5	2000X2800	CO 2000X2100	3350X3400	1500	4300
	1					
4000	0.25	2200X3300	CO 2200X2300	3800X3800	1600	4800
	0.5					
4000	0.25	2200X3300	CO 2200X2300	3800X3900	1600	4800
	0.5					
5000	0.25	2500X3500	CO 2500X2300	4150X4000	1600	4800
	0.5					
5000	0.25	2500X3500	CO 2500X2300	4150X4100	1600	4800
	0.5					

Note: Cabin net height is 2200mm (2000-3000kg), 2400mm (4000-5000kg).

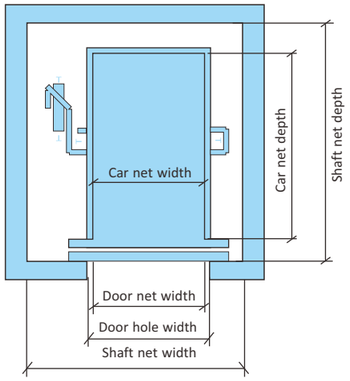
Layout Planning for Freight Elevator FN100 (MRL)



Shaft Vertical Section



Top Floor Plan

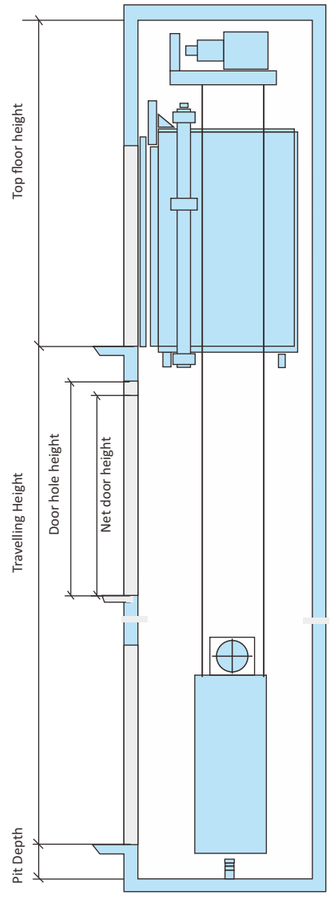


Shaft Plan

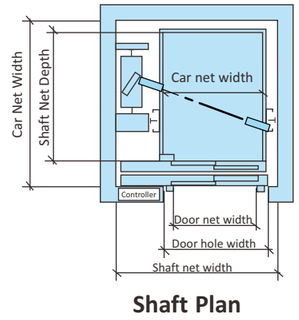
Load	Speed	Car Dimension	Door Opening	Shaft Dimension	Pit Depth	Overhead Height
(kg)	(m/s)	CWxCD	EWxED	SWxSD	PD	OH
2000	0.5	1700X2400X2200	CO 1700X2100	3050X3000	1600	4300
	1				1650	4350
3000	0.5	2000X2800X2200	CO 2000X2100	3500X3400	1600	4500
	1.0				1600	4600
4000	0.25	2200X3300X2400	CO 2200X2300	3800X3900	1500	4700
	0.5				1600	4800

Note: Cabin net height is 2200mm (2000-3000kg), 2400mm (4000kg).

Layout Planning for Home Elevator 6600



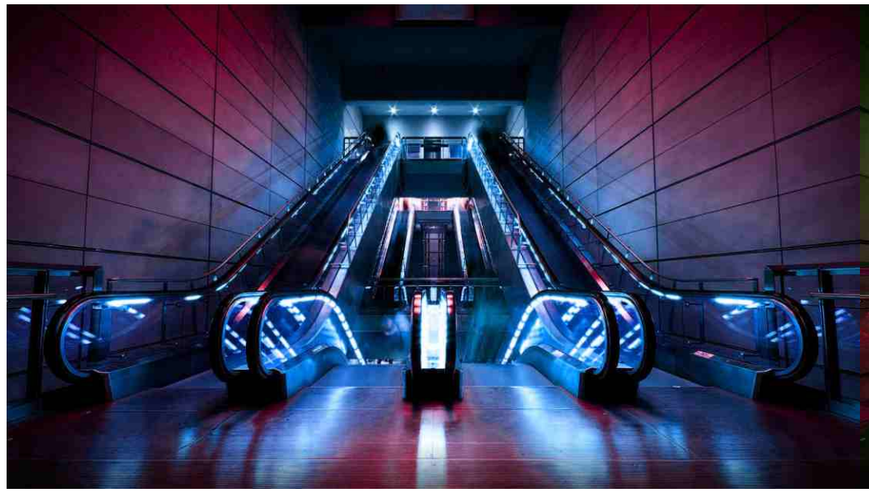
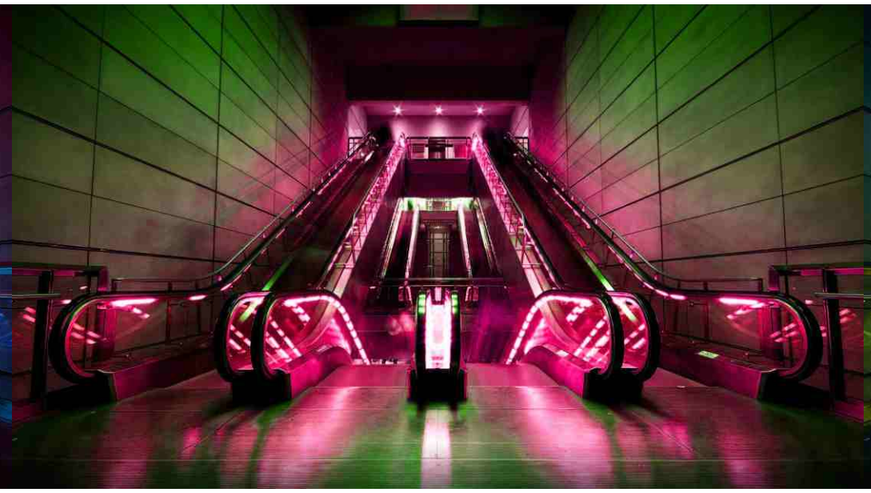
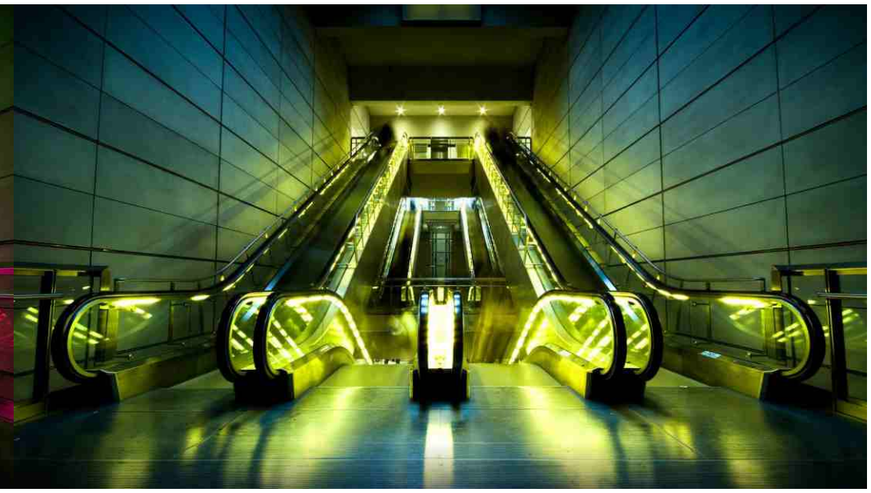
Shaft Vertical Section

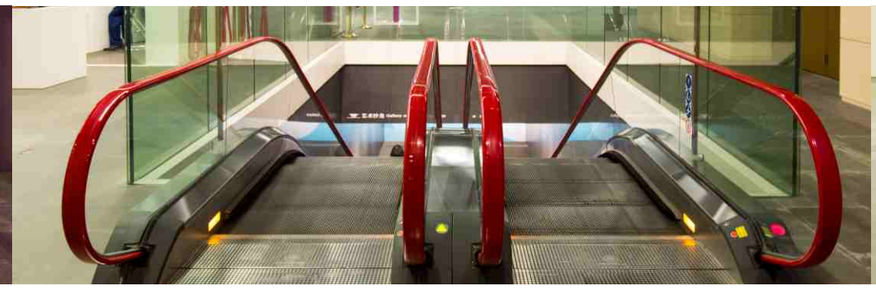
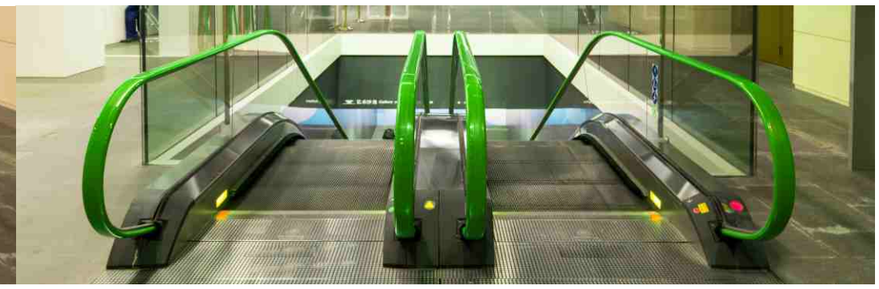


Shaft Plan

Load	Speed	Door Opening Type	Door Opening	Car Dimension		Shaft Dimension		Pit Depth	Overhead
(kg)	(m/s)			CW	CD	HW	HD	PD	OH
320/400	0.4	Side opening	700	800	1000	CW+650	CD+350	300	3000
								500	2800
			800	900	1000			300	3000
								500	2800
320/400	0.4	Center opening	700	900	1000	1560	CD+300	300	3000
								500	2800
			800	1000	1000	1760		300	3000
								500	2800

Joywalk

Escalator E200						
Rated Speed	Installation location	Inclination angle	Max Rising Height	Step width		
				600	800	1000
≤0.65	Indoor	30°	14.4	√	√	√
≤0.5	Indoor	35°	6	√	√	√
≤0.5	Outdoor	30°	7.56	√	√	√

Moving walk M200					
Rated Speed	Installation location	Inclination angle	Max Rising Height	Step width	
				800	1000
≤0.5	Indoor	0°/11°/12°	43.47	√	√

Safety devices

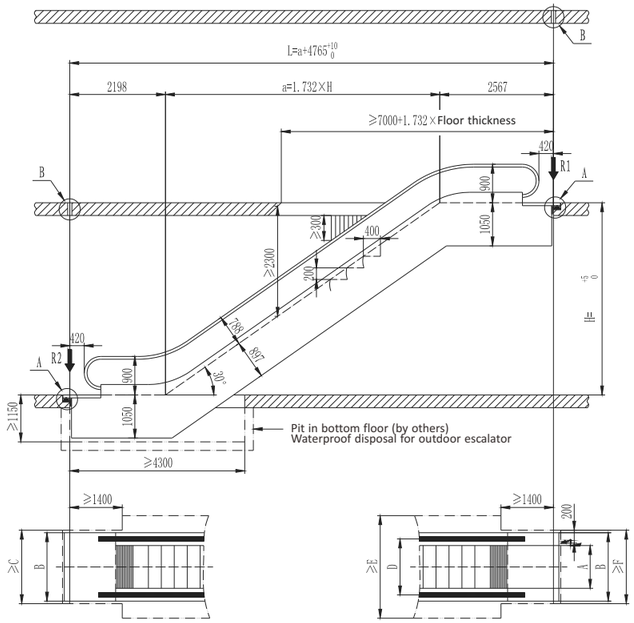
1. Electrical loop protection
2. Overload protection
3. Power phase failure protection
4. Electromagnetic Brake
5. Handrail inlet protection
6. Comp plate safety protection
7. Over-speed protection
8. Step drive chain broken protection
9. Non-operating reversal protection
10. Yellow warning line on step
11. Emergency stop button
12. Skirting panel protection
13. Brake protection
14. Maintenance safety device
15. Step lighting
16. Automatic alarm device
17. Handrail broken protection
18. Handrail speed monitoring
19. Skirting brush

Additional devices

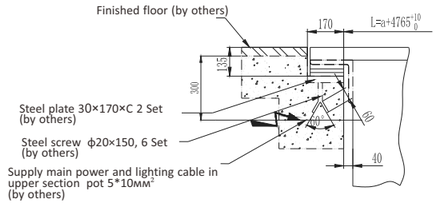
1. Anti-fire roller shutter door device
2. Emergency brake

Layout Planning for Escalator
Model E200

30° Planning drawing (Rising height≤6M)



Zoom in plot A



Zoom in plot B

Specification and dimension

Support reaction

	Step width		
	600	800	1000
R1(KN)	3.5 x L+15.5	4 x L+17	4.5 x L+18.5
R2(KN)	3.5 x L+10	4 x L+11	4.5 x L+11.5

Motor Power (Kw)

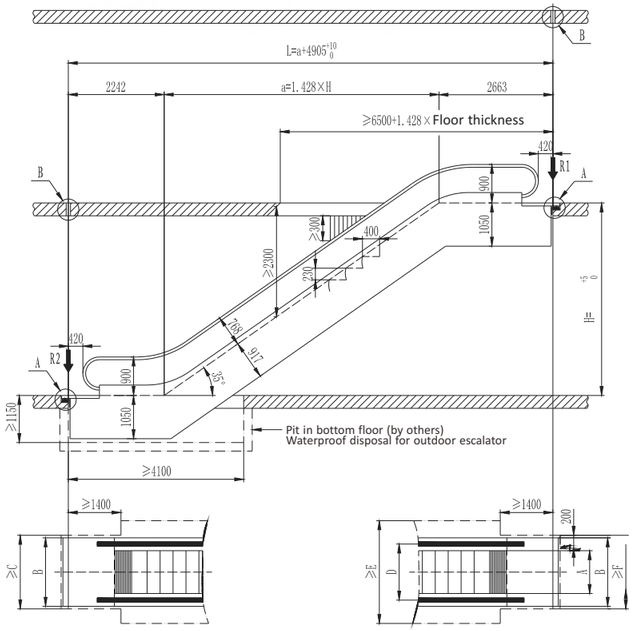
Step Width (MM)	Rising height (MM)	Power
1000	1500-3200	5.5
	3200-4800	8
	4800-6000	11
800	≤4200	5.5
	4200-6000	8
600	≤6000	5.5

Dimension(MM)

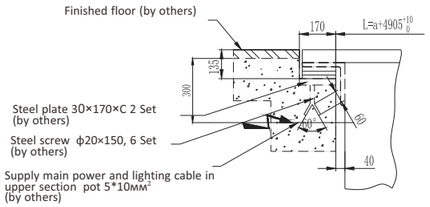
	Step width	600	800	1000
A	Decoration width	1140	1340	1540
B	Construction width	1200	1400	1600
C	Handrail distance	838	1038	1238
D	Construction width	1838	2038	2238
E	Construction width	1200	1400	1600
F				

Note:
1. The drawing is only applied for single arrangement escalator with rise under 6 meters.
2. The upside of truss should be extended 417 mm in case of 600 mm stem.

35° Planning drawing (Rising height≤6M)



Zoom in plot A



Zoom in plot B

Specification and dimension

Support reaction

	Step width		
	600	800	1000
R1(KN)	3.5 x L+15.5	4 x L+17	4.5 x L+18.5
R2(KN)	3.5 x L+10	4 x L+11	4.5 x L+11.5

Motor power (Kw)

Step Width (Mm)	Rising height (мм)	Power
1000	1500-3500	5.5
	3500-5000	8
	5000-6000	11
800	≤4500	5.5
	4500-6000	8
600	≤6000	5.5

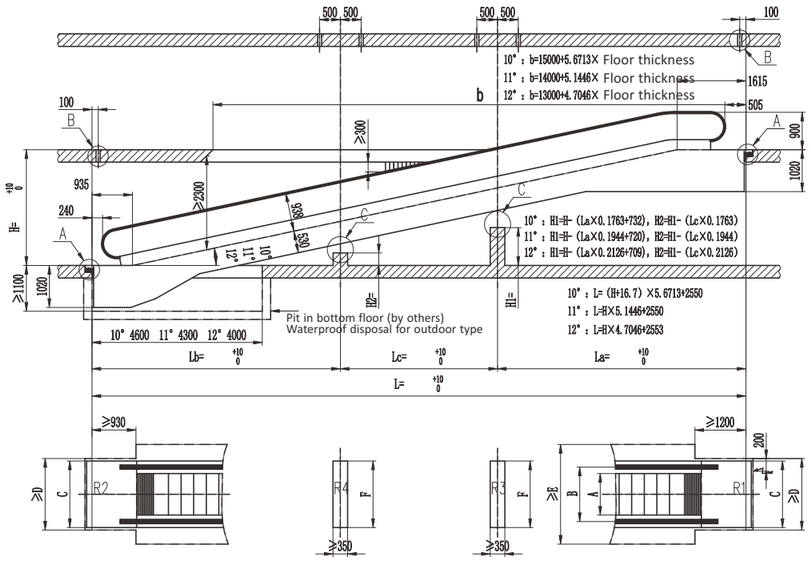
Dimension(MM)

	Step width	600	800	1000
A	Decoration width	1140	1340	1540
B	Construction width	1200	1400	1600
C	Handrail distance	838	1038	1238
D	Construction width	1838	2038	2238
E	Construction width	1200	1400	1600
F				

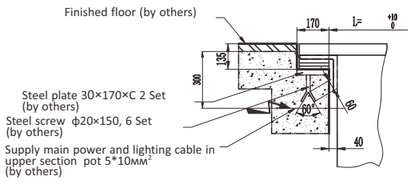
Note:
1. The drawing is only applied for single arrangement escalator with rise under 6 meters.
2. The upside of truss should be extended 417 mm in case of 600 mm stem.

Layout Planning for Moving walk M200

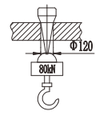
Inclination angle 10°, 11°, 12° (Length≤47м)



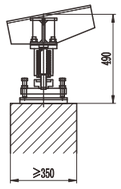
Zoom in plot A



Zoom in plot B



Zoom-in C



Specification and dimension

Distance of Support

Inclination	Rising height (мм)	Intermediate support		La	Lb	Lc
		R3	R4			
10°	1500-3200	------	------	------	------	------
	3200-4800	1	------	L/2	L/2	------
	4800-6000	1	1	L/3	L/3	L/3
11°	≤4200	------	------	------	------	------
	4200-6000	1	------	L/2	L/2	------
	≤6000	1	1	L/3	L/3	L/3
12°	≤4200	------	------	------	------	------
	4200-6000	1	------	L/2	L/2	------
	≤6000	1	1	L/3	L/3	L/3

Motor power (Kw)

Step Width (Mm)	Rising height (мм)	Power
1000	1200-3000	5.5
	3000-4500	8
	4500-6000	11
800	1200-3800	5.5
	3800-5500	8
	5500-6000	11

Reaction of support

Reaction Supports	None intermediate Supports	One intermediate support	Two intermediate Supports
R1(KN)	L x q + M	La x q + M	La x q + M
R2(KN)	L x q + N	Lb x q + N	Lb x q + N
R3(KN)	----------	(La + Lb) x 1.3 x q	(La + Lc) x 1.3 x q
R4(KN)	----------	----------	(Lb + Lc) x 1.3 x q

Dimensions (MM)

A	Width of step	800	1000
C	Width of travolator	1400	1600
B	Width of handrail	1038	1238
D	Width of pit	1460	1660

Note:
1. The drawing is only applied for single arrangement moving walk with rise under 7 meters.
2. The upside of truss should be extended 417 mm in case of double drive.