

The information in this catalogue is subject to change without notice. The information and diagram in this catalogue reflect the technical features and configuration of the elevator model at press time (refer to the version number). In line with the principle of continuous development of products, our company reserves the right to change the selection of product technical parameters and colour at any time. The existing image technology cannot accurately reproduce the elevator component structure and decoration colour. Therefore, this catalogue only provides general information, not as a contract document. The specific configuration parameters are subject to the formal agreement.

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Rated Load (kg)	Rated Speed (m/min)	Maximum One Time Loading ^[#1] (kg)	Maximum Number of Stops	Maximum Travel (m)	Minimum Floor Height (mm)	
1600	30	960	8	40		
1000	60	900	16	70		
2000	30	1200	8	40	2800	
2000	60	1200	16	70		
3000	30	1800	8	40		
3000	60	1000	16	70		
4000	30	2400	8	30		
4000	45		16	40	2800	
5000	30	0000	8	30	2000	
5000	45	3000	16	40		
4000	30	4000	16	30		
4000	45	4000	10	60	2200	
5000	30	5000	5000	10	30	3200
5000	45	5000	16	60		

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tes:] Maximum one time loading refers to the maximum weight (Includes loading equipment, goods and handler) per loading.] Rated load ≥ 4000kg: When using forklift for loading/unloading, the following requirements must be met. (a) Maximum one time loading must be within the specification range. (b) Total weight of the goods must be within the rated load. (c) During loading, if the overload alarm sound, loading shall stop and forklift to exit the car immediately.] The above information are based on GB7588-2003 standards.

Car Des	ign			Car Design	
1600kg	2000kg	3000kg	Option	4000kg 5000kg	Option
Car Ceiling			d Steel_CP30 (Light Cyan) LED Lighting		Steel_CP30 (Light Cyan) LED Lighting
Car Ceiling Height	2200mm	Car Ceiling Height	2200mm	Car Ceiling Height	2400mm
Entranco Hoight	2100mm	Entranco Hoight	2100mm	Entrance Height	2400mm

	LED Lighting
Car Ceiling Height	2400mm
Entrance Height	2400mm
Car Door	Painted Steel_CP30 (Light Cyan)
Car Walls	Painted Steel_CP30 (Light Cyan)
Car Floor	Checkered Steel Plate

Car Ceiling	Painted Steel_CP30 (Light Cyan)
	LED Lighting
Car Ceiling Height	2200mm
Entrance Height	2100mm
Car Door	Painted Steel_CP30 (Light Cyan)
Car Walls	Painted Steel_CP30 (Light Cyan)
Car Floor	Checkered Steel Plate

Car Ceiling	Painted Steel_CP30 (Light Cyan)
	LED Lighting
Car Ceiling Height	2200mm
Entrance Height	2100mm
Car Door	Painted Steel_CP30 (Light Cyan)
Car Walls	Painted Steel_CP30 (Light Cyan)
Car Floor	Checkered Steel Plate

Car Design		Car Design		
1600kg 2000kg	3000kg Option	4000kg 5000kg	Option	
<image/>				
Car Ceiling Stainless Steel Hairline	Car Ceiling Stainless Steel Hairline	Car Ceiling Stainless Steel Hairline		

Car Ceiling	Stainless Steel Hairline		
	LED Lighting		
Car Ceiling Height	2200mm		
Entrance Height	2100mm		
Car Door	Stainless Steel Hairline		
Car Walls	Stainless Steel Hairline		
Anti-Collision Protection	Stainless Steel Hairline (3 Sides)		
Car Floor	Checkered Steel Plate		

Car Ceiling	Stainless Steel Hairline
	LED Lighting
Car Ceiling Height	2200mm
Entrance Height	2100mm
Car Door	Stainless Steel Hairline
Car Walls	Stainless Steel Hairline
Anti-Collision Protection	Stainless Steel Hairline (3 Sides)
Car Floor	Checkered Steel Plate

Car Ceiling	Stainless Steel Hairline
	LED Lighting
Car Ceiling Height	2400mm
Entrance Height	2400mm
Car Door	Stainless Steel Hairline
Car Walls	Stainless Steel Hairline
Anti-Collision Protection	Stainless Steel Hairline (3 Sides)
Car Floor	Checkered Steel Plate

Decoration Device

Operating Panel



Landing Door / Jamb

Option



Landing Door: Painted Steel_CP30 (Light Cyan) Landing Jamb: Painted Steel_CP30 (Light Cyan) Door Type: Side Opening, 2S-2P



Option

Landing Door: Stainless Steel Hairline Landing Jamb: Stainless Steel Hairline Door Type: Side Opening, 2S-2P



Landing Door: Painted Steel_CP30 (Light Cyan) Landing Jamb: Painted Steel_CP30 (Light Cyan) Door Type: 4 Panels Center Opening, 4P-CO



Landing Door: Stainless Steel Hairline Landing Jamb: Stainless Steel Hairline Door Type: 4 Panels Center Opening, 4P-CO

07

Elevator Function

Standard Functions

Control S	ystem		
SA1	Selective Collective Control	SA2	Floor Height Self Measurement
SA3	On-Cage (Car Top) Maintenance Operation	SA4	In-Cage Slow Speed Operation
SA5	Machine Room Debugging Operation		
System P	rotection		
SB1	Overspeed Electrical Protection	SB2	Overspeed Mechanical Protection
SB3	Rope Slipping Running Protection	SB4	Motor Overload (Thermal) Protection
SB5	Automatic Fault Detection	SB6	Automatic Fault Recording
SB7	Standby Regular Auto-Check	SB8	Double Brake-Safety Check Operation
SB9	Synchronous Motor Magnetic Pole Test	SB10	Lift-Position Abnormity Auto-Correction Function
SB11	Nearest Landing Operation	SB12	Unintended Car Movement Protection, UCMP Function ①
SB13	Intelligent Auxiliary Brake Function	SB14	Ascending Car Overspeed Protection, ACOP Function
SB15	Anti-Electromagnetic Interference		
Safe Com	munication		
SC1	Car Intercom Communication	SC2	Car Top Intercom Communication
SC3	Pit Intercom Communication		
Safe Ridir	ng		
SD1	Alarm System	SD2	Full Load Bypass Operation
SD3	Overload Detection System	SD4	Overload Alarm
SD5	Next Drive (Door Open Abnormity)	SD6	Door Opening/Closing Time Abnormity Protection
SD7	Automatic Door Dwell Time Control	SD8	Automatic Door Dwell Time Adjustment
SD9	Number Of Runs Indicator	SD10	Intelligent Multi-Beam Protection
SD11	Maintenance Indication At Hall Indicator	SD12	Overload Indicator (In Car)
Emergen	cy Solution		
SE1	Out Of Door-Open Zone Alarm	SE2	Car Emergency Lighting
SE3	Fire Emergency Operation (Automatic)		
Design fo	r Comfort		
SF1	Parking Operation	SF2	Automatic Return Function
SF3	Start Torque Auto-Adjustment	SF4	Door-Stop Function (Maintenance)
SF5	Micro Levelling (Travel ≥ 20m)	SF6	Opposite Direction Car Call Cancellation
SF7	Car Light Auto Turn-Off	SF8	Car Fan Auto Turn-Off
SF9	Abnormal Duration Hall Call Detection	SF10	Step-Less Speed Control
SF11	Door Bypass Detection	SF12	Door Opening Prolong Button
SF13	Independent Operation	SF14	Door Opening Prolong Function (Hall)
SF15	Car Floor Button Flashing		

Note: ① For details, please contact us.

Elevator Function

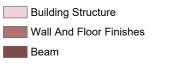
Optional Functions

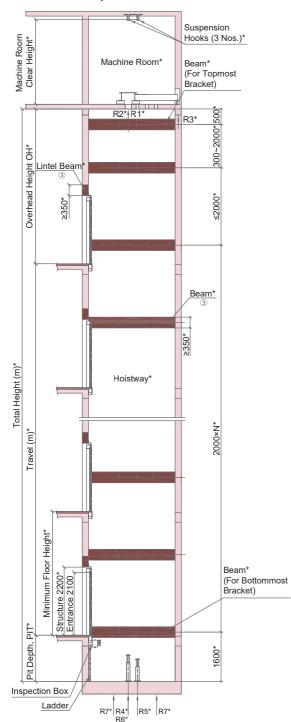
Control S	System					
OA1	Down Collective Control	OA2	Duplex Collective Control			
OA3	Independent Automatic Operation (For Duplex Control) ①					
Safe Cor	mmunication					
OB1	Interphone System (5 Ways) (5 Ways: Monitoring Center, Machine Room, In Car, Car Top & Pit)					
Safe Rid	ing	1				
OC1	IC Card Security System (In Car) (Not applicable with OC2, OC4 or OE4)	OC2	IC Card Security System (Hall) (Not applicable with OC1, OC4 or OE4)			
OC3	Multi-Beam + Safety Edge Protection	OC4	Hitachi Smart Security [ITM] Interface (Not applicable with OC1, OC2 or OE4)			
OC5	Contact At Control Panel (RS485)	OC6	Contact At Control Panel (Dry Contacts) (Not applicable with OC7)			
OC7	Supervisory Panel (Dry Contact Type) (Not applicable with OC6)	OC8	Elevator Monitoring System (Computer Type)			
OC9	Twisted Pair Cable (1 Pair) For CCTV Interface	OC10	Twisted Pair Cable (1 Pair) For BGM Interface			
Emergency Solution						
OD1	Fireman Operation	OD2	Automatic Rescue Device (ARD) (Maximum travel distance between landings ≤ 30m)			
OD3	Emergency Operation For Power Failure (Manual)	OD4	Emergency Operation For Power Failure (Auto)			
OD5	Earthquake Emergency Operation	OD6	Pit Flood Operation			
Design fo	or Comfort					
OE1	Attendant Operation	OE2	Voice Synthesizer			
OE3	Arrival Chime (Car Top & Bottom)	OE4	Floor Lockout Operation (Not applicable with OC1, OC2 or OC4)			
OE5	Overloading Hall Call Recovery Function	OE6	Sub Car Operating Panel			
OE7	Double Opening Function	OE8	Hall Call Deselect Function			
OE9	Operation Status Indication At Hall Indicator	OE10	Car Call Deselect Function			
OE11	Micro Levelling (Travel < 20m)	OE12	Advance Door Opening			
OE13	Electromagnetic Compatibility (EMC) Function	OE14	Manual Re-Levelling Function (Only applicable with either SF5 or OE11)			
OE15	Robotics System Interface ①	OE16	Regenerative System Function ①			

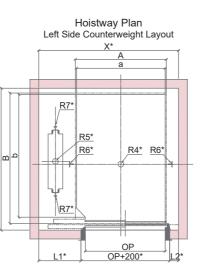
Note: ① For details, please contact us.

The followings shall be furnished by building contractors:

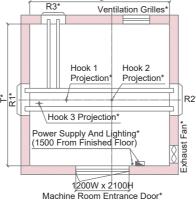
Hoistway Section











Note: ① The above information are based on GB7588-2003 standards.

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- 2 Items with "*" shall be furnished by building contractors.
- ③ The hoistway construction shall be reinforced concrete ring beam with strength C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.
- ④ For hoistway and machine room details, please contact us. ⑤ Unit of dimension shall be in mm unless otherwise stated.

⁶ The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)
1600	30/60	2500	3
2000	30/60	2500	4
3000	30/60	2500	5

Rated Load	Rated Speed		Size m)	Door O (m		Front Arrang (m		Hoistway Size (mm)	Machine Room Size (mm)		nine R ction F (KN)		Pit I		ion Fc N)	orce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	X×Y	S×T	R1	R2	R3	R4	R5	R6	R7
1600 (Single	30	1600×2100	1650×2271	2S-2P	1500	800	200	2700×2530	2700×2530	100	70	7	170	140	55	5
Opening)	60	1000.2100	1000002271	20-21	1000	000	200	2100.2000	2100-2000	100	10	'	170	140	00	Ŭ
2000 (Single	30	1600×2500	1650×2671	2S-2P	1500	800	200	2700×2930	2700×2930	115	80	10	190	150	55	5
Opening)	60	1000^2300	1030^2071	20-26	1300	000	200	2100~2930	2700~2930	115	00	10	190	150	55	5
3000 (Single	30	2000×2770	2050×2941	2S-2P	1800	950	200	3150×3200	3150×3200	165	110	15	300	220	85	5
Opening)	60	2000^2770	2000^2941	23-25	1000	950	200	3150×3200	3150^3200	105	110	15	300	220	00	5

Rated Load (kg)	Rated Speed (m/min)	Overhead Height, OH (mm)	Pit Depth, PIT (mm)
1600	30	4000	1350
1000	60	4050	1350
2000	30	4000	1350
2000	60	4050	1350
3000	30	4000	1350
3000	60	4050	1350

Note:

 $(\ensuremath{\underline{1}})$ The above information are based on GB7588-2003 standards.

2 Configuration is without counterweight safety gear.

③ The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

(4) Configuration is based on decoration weight provision up to 300kg.

(5) The overhead height, OH is based on bare ceiling height of 2200mm.

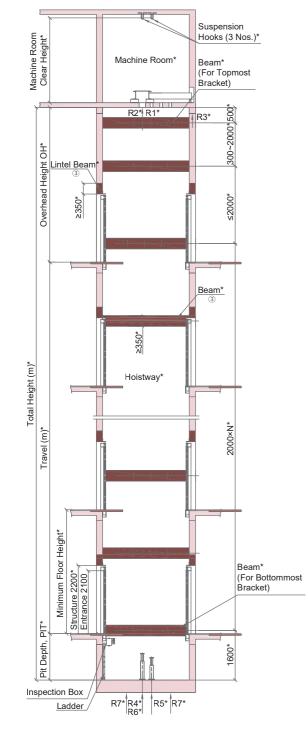
6 The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

Hoistway and Machine Room (Side Opening)

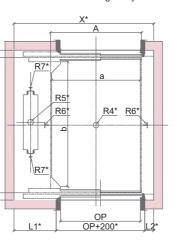
The followings shall be furnished by building contractors:



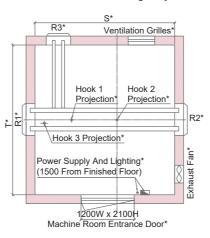
Hoistway Section



Hoistway Plan Left Side Counterweight Layout



Machine Room Plan Left Side Counterweight Layout



Note:

The above information are based on GB7588-2003 standards.
 Items with "*" shall be furnished by building contractors.

© The hoistway construction shall be reinforced concretering beam with strength C25 or whole hoistway of reinforce concrete wall. For other situations, please

contact us. ④ For hoistway and machine room details, please contact us. ⑤ Unit of dimension shall be in mm unless otherwise stated.

6 The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)
1600	30/60	2500	3
2000	30/60	2500	4
3000	30/60	2500	5

Rated Load	Rated Speed		Size m)	Door O (m		Front Arrang (m	ement	Hoistway Size (mm)	Machine Room Size (mm)		nine R ction F (KN)		Pit I	Reacti (K		orce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	X×Y	S×T	R1	R2	R3	R4	R5	R6	R7
1600 (Double	30	1600×2100	1650×2382	2S-2P	1500	800	200	2700×2710	2700×2710	100	70	7	170	140	55	5
Opening)	60	1000.2100	100002002	20-21	1000	000	200	2100.2110	2100.2110	100	10	'	170	140	00	
2000 (Double	30	1600×2500	1650×2782	2S-2P	1500	800	200	2700×3110	2700×3110	115	80	10	190	150	55	5
Opening)	60	1000*2000	1030~2702	20-21	1500	000	200	2700-0110	2700-0110	115	00	10	130	150	55	5
3000 (Double	30	2000×2770	2050×3052	2S-2P	1800	950	200	3150×3380	3150×3380	165	110	15	300	220	85	5
Opening)	60	2000*2110	2000×3002	20-2F	1000	930	200	3130×3360	3130*3360	105	110	10	500	220	00	5

Rated Load (kg)	Rated Speed (m/min)	Overhead Height, OH (mm)	Pit Depth, PIT ⑦ (mm)
1600	30	4000	1350/1720
1000	60	4050	1350/1720
2000	30	4000	1350/1720
2000	60	4050	1350/1720
3000	30	4000	1350/1720
5000	60	4050	1350/1720

Note:

① The above information are based on GB7588-2003 standards.

② Configuration is without counterweight safety gear.

③ The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

(4) Configuration is based on decoration weight provision up to 300kg.

(5) The overhead height, OH is based on bare ceiling height of 2200mm.

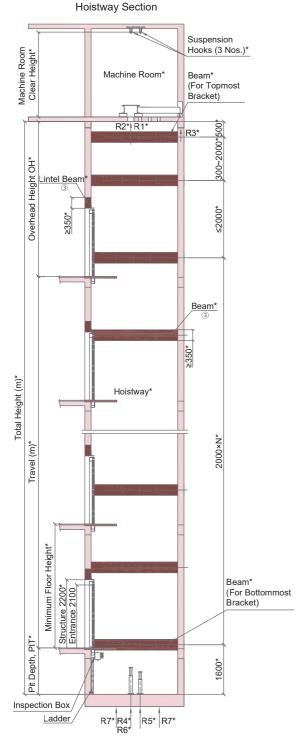
6 The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

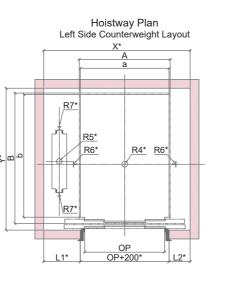
⑦ When there is front/rear entrance on the lowest floor and there is no openings on the same side at other floors, pit depth shall be 1720mm. Otherwise, pit depth shall be 1350mm.

Hoistway and Machine Room (4 Panels Center Opening)

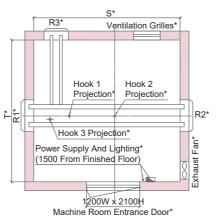
The followings shall be furnished by building contractors:







Machine Room Plan Left Side Counterweight Layout



Note: ① The above information are based on GB7588-2003 standards.

- 2 Items with "*" shall be furnished by building contractors.
- ③ The hoistway construction shall be reinforced concrete ring beam with strength C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.
- ④ For hoistway and machine room details, please contact us.
 ⑤ Unit of dimension shall be in mm unless otherwise stated.
 ⑥ The grand state of the sta

6 The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)
1600	30/60	2500	3
2000	30/60	2500	4
3000	30/60	2500	5

Rated Load	Rated Speed		Size nm)	Door O (m		Front Arrang (m	ement	Hoistway Size (mm)	Machine Room Size (mm)		nine R ction F (KN)		Pit I	React (K	ion Fc N)	rce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	X×Y	S×T	R1	R2	R3	R4	R5	R6	R7
1600 (Single	30	1600×2100	1650×2271	4P-CO	1500	650	450	2800×2530	2800×2530	100	70	7	170	140	55	5
Opening)	60	1000*2100	1030*2271	41-00	1500	000	400	2000~2000	2000~2000	100	10	'	170	140	55	
2000 (Single	30	1600×2500	1650×2671	4P-CO	1500	650	450	2800×2930	2800×2930	115	80	10	190	150	55	5
Opening)	60	1000^2300	1030^2071	41-00	1500	030	430	2000^2930	2000^2930	115	00	10	190	150	55	5
3000 (Single	30	2000×2770	2050×2941	4P-CO	1800	850	450	3300×3200	3300×3200	165	110	15	300	220	85	5
Opening)	60	2000*2770	2000*2941	46-00	1000	630	400	3300×3200	3300*3200	105	110	10	300	220	00	5

Rated Load (kg)	Rated Speed (m/min)	Overhead Height, OH (mm)	Pit Depth, PIT (mm)
1600	30	4000	1350
1600	60	4050	1350
2000	30	4000	1350
2000	60	4050	1350
3000	30	4000	1350
5000	60	4050	1350

Note:

① The above information are based on GB7588-2003 standards.

② Configuration is without counterweight safety gear.

③ The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

4 Configuration is based on decoration weight provision up to 300kg.

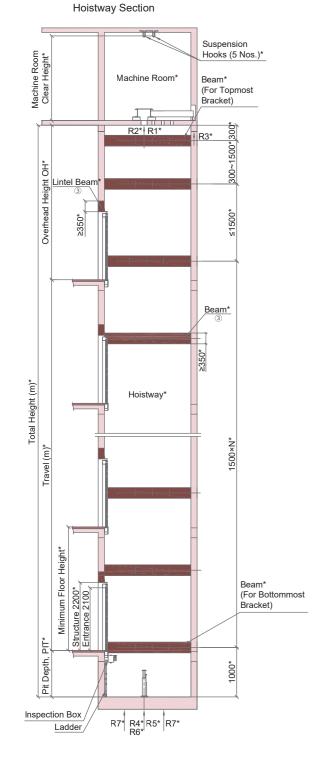
(5) The overhead height, OH is based on bare ceiling height of 2200mm.

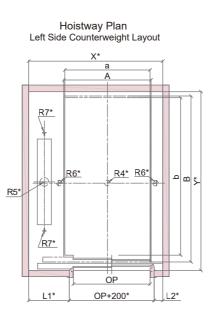
(6) The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

Hoistway and Machine Room (Side Opening)

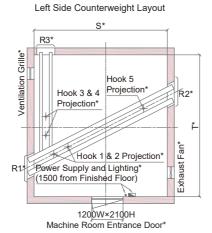
The followings shall be furnished by building contractors:







Machine Room Plan



Note:

① The above information are based on GB7588-2003 standards.

Items with "*" shall be furnished by building contractors.
 The hoistway construction shall be reinforced concrete ring beam with strength

C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.

④ For hoistway and machine room details, please contact us.
 ⑤ Unit of dimension shall be in mm unless otherwise stated.

⁶ The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)
4000	30/45	2500	6
5000	30/45	2500	6

Rated	Rated Rated (mm)		Door Opening (mm)		Front Wall Arrangement (mm)		Hoistway Size (mm)	Machine Room Size (mm)	Machine Room Reaction Force (KN)						orce	
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	Χ×Υ	S×T	R1	R2	R3	R4	R5	R6	R7
4000 (Single	30	2400×3000	2450×3176	2S-2P	1800	1370	480	3850×3430	3850×3430	225	135	50	420	360	120	6
Opening)	45	2400^3000	2430/01/0	20-21	1000	1570	400	0000-0400	3030^3430	225	100	50	420	500	120	0
5000 (Single	30	2400×3600	2450×3776	2S-2P	1800	1370	480	3850×4030	3850×4030	250	150	50	480	390	140	6
Opening)	45	2400×3000	2430×3770	20-28	1600	1370	400	3030×4030	3050×4030	230	150	50	400	390	140	0

Rated Load (kg)	Rated Speed (m/min)	Overhead Height, OH (mm)	Pit Depth, PIT (mm)
4000	30 45	4300	1450
5000	30	4300	1450
	45		

Note:

① The above information are based on GB7588-2003 standards.

② Configuration is without counterweight safety gear.

3 The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

④ Configuration is based on decoration weight provision up to 900kg.

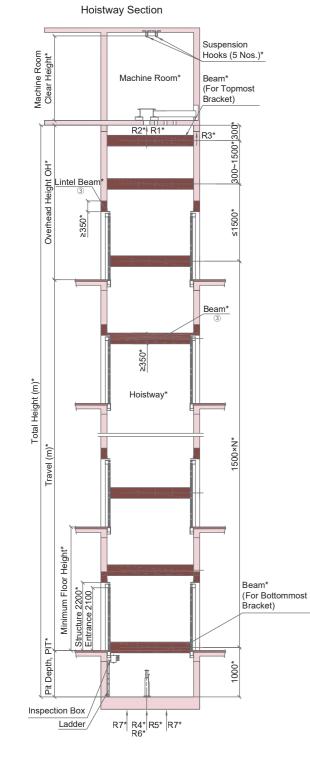
⑤ The overhead height, OH is based on bare ceiling height of 2200mm.

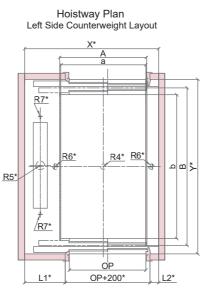
6 The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

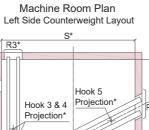
Hoistway and Machine Room (Side Opening)

The followings shall be furnished by building contractors:









Hook 1 & 2 Projection R1* Power Supply and Lighting* (1500 from Finished Floor) 1200W×2100H

X

Machine Room Entrance Door*

1 The above information are based on GB7588-2003 standards.

Note:

Ventilation Grille*

- 2 Items with "*" shall be furnished by building contractors. 3 The hoistway construction shall be reinforced concrete ring beam with strength
- C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.

④ For hoistway and machine room details, please contact us. ⑤ Unit of dimension shall be in mm unless otherwise stated.

6 The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)		
4000	30/45	2500	6		
5000	30/45	2500	6		

Rated Load	Rated Speed		Size nm)		pening m)	Arrang	t Wall jement m)	Hoistway Size (mm)	Machine Room Size (mm)		nine R ction F (KN)		Pit I	React (K	ion Fc N)	orce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	Χ×Υ	S×T	R1	R2	R3	R4	R5	R6	R7
4000 (Double	30	2400×3000	2450×3282	2S-2P	1800	1370	480	3850×3610	3850×3610	225	135	50	420	360	120	6
Opening)	45	2400^3000	2430^3202	20-26	1000	1370	400	3630~3010	3030^3010	225	155	50	420	300	120	0
5000 (Double	30	2400×3600	2450×3882	2S-2P	1800	1370	480	3850×4210	3850×4210	250	150	50	480	390	140	6
Opening)	45	2400×3000	2400×3002	23-28	1600	1370	460	3030×4210	3030*4210	250	130	50	400	390	140	0

Rated Load (kg)	Rated Speed (m/min)		
4000	30 45	4300	1450/1820
5000	30	4300	1450/1820
	45		

Note:

① The above information are based on GB7588-2003 standards.

2 Configuration is without counterweight safety gear.

3 The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

④ Configuration is based on decoration weight provision up to 600kg.

(5) The overhead height, OH is based on bare ceiling height of 2200mm.

⁽⁶⁾ The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

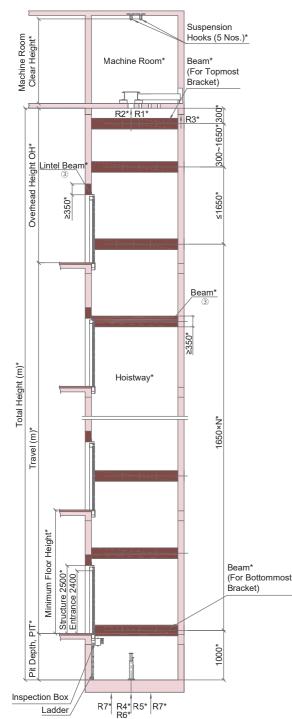
TWhen there is front/rear entrance on the lowest floor and there is no openings on the same side at other floors, pit depth shall be 1820mm Otherwise, pit depth shall be 1450mm.

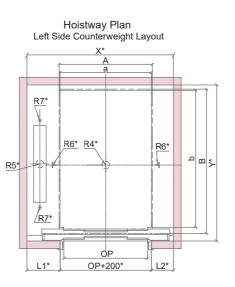
Hoistway and Machine Room (4 Panels Center Opening)

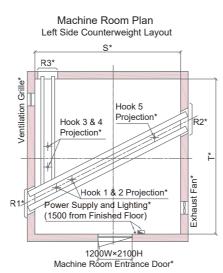
The followings shall be furnished by building contractors:

Hoistway Section









nost Note:

The above information are based on GB7588-2003 standards.
 Items with "*" shall be furnished by building contractors.

③ The hoistway construction shall be reinforced concrete ring beam with strength C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.

④ For hoistway and machine room details, please contact us.
 ⑤ Unit of dimension shall be in mm unless otherwise stated.

6 The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)
4000	30/45	2500	6
5000	30/45	2500	6

Rated Load	Rated Speed		Size nm)		pening m)	Arrang	t Wall jement m)	Hoistway Size (mm)	Machine Room Size (mm)		hine R ction F (KN)		Pit I	React (K		orce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	X×Y	S×T	R1	R2	R3	R4	R5	R6	R7
4000 (Single	30	2400×3000	2450×3176	4P-CO	2200	870	580	3850×3430	3850×3430	225	135	50	420	360	120	6
Opening)	45	2400~0000	243043170	41-00	2200	0/0	500	0000/0400	3030^3430	225	100	50	420	500	120	Ŭ
5000 (Single	30	2400×3600	2450×3776	4P-CO	2200	870	580	3850×4030	3850×4030	250	150	50	480	390	140	6
Opening)	45	2400^3000	2430^3770	4F-00	2200	870	560	3650^4030	3650^4030	250	150	50	400	390	140	0

Rated Load (kg)	Rated Speed (m/min)		
4000	30 45	4300	1450
5000	30 45	4300	1450

Note:

① The above information are based on GB7588-2003 standards.

② Configuration is without counterweight safety gear.

3 The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

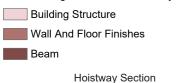
4 Configuration is based on decoration weight provision up to 800kg.

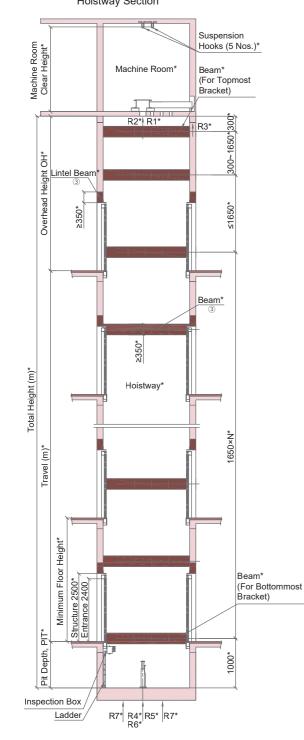
⑤ The overhead height, OH is based on bare ceiling height of 2400mm.

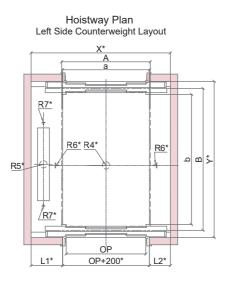
6 The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

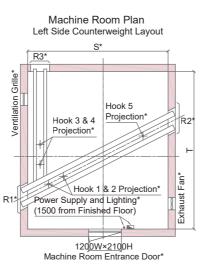
Hoistway and Machine Room (4 Panels Center Opening)

The followings shall be furnished by building contractors:









Note:

- The above information are based on GB7588-2003 standards.
 Items with "*" shall be furnished by building contractors.
- The hoistway construction shall be reinforced concrete ring beam with strength
- C25 or whole hoistway of reinforce concrete wall. For other situations, please contact us.

④ For hoistway and machine room details, please contact us.
 ⑤ Unit of dimension shall be in mm unless otherwise stated.

6 The suspension hooks capacity shall be as follows:

Rated Load (kg)	Rated Speed (m/min)	Machine Room Clear Height (mm)	Suspension Hooks Capacity (Tons)		
4000	30/45	30/45 2500			
5000	30/45	2500	6		

Rated Load	Rated Speed		Size nm)		pening m)	Arrang	t Wall jement m)	Hoistway Size (mm)	Machine Room Size (mm)		nine R ction F (KN)		Pit I	React (K		orce
(kg)	(m/min)	Car Inside (a×b)	Car Outside (A×B)	Туре	Width OP	L1	L2	X×Y	S×T	R1	R2	R3	R4	R5	R6	R7
4000 (Double	30	2400×3000	2450×3282	4P-CO	2200	870	580	3850×3610	3850×3610	225	135	50	420	360	120	6
Opening)	45	2400^3000	2400/0202	41-00	2200	0/0	500	000040010	3030^3010	225	100	50	420	500	120	0
5000 (Double	30	2400×3600	2450×3882	4P-CO	2200	870	580	3850×4210	3850×4210	250	150	50	480	390	140	6
Opening)	45	2400×3000	2400×3002	46-00	2200	870	580	3030*4210	3030*4210	230	150	50	400	390	140	0

Rated Load (kg)	Rated Speed (m/min)		
4000	30	4300	1450/1820
	45		
5000	30	4300	1450/1820
5000	45	4300	1430/1620

Note:

① The above information are based on GB7588-2003 standards.

2 Configuration is without counterweight safety gear.

3 The front wall arrangement "L1" and "L2" are based on left side counterweight layout.

④ Configuration is based on decoration weight provision up to 500kg.

(5) The overhead height, OH is based on bare ceiling height of 2400mm.

6 The pit depth, PIT is based on standard checkered steel plate finish without floor recess.

⑦ When there is front/rear entrance on the lowest floor and there is no openings on the same side at other floors, pit depth shall be 1820mm Otherwise, pit depth shall be 1450mm.

23

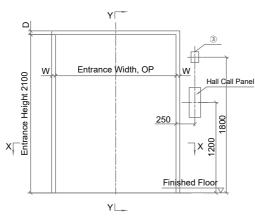
Entrance Design (Side Opening)

Entrance Design (Side Opening)

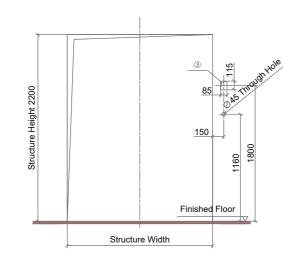
The followings shall be furnished by building contractors:

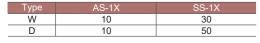
Wall And Floor Finishes

Elevation Of Entrance



Structure Opening Of Entrance





- Note:
- ① The above information are based on GB7588-2003 standards.
- 2 Unit of dimension shall be in mm unless otherwise stated. ③ Applicable only when fireman operation with switch is located at lift landing.

④ Structure opening of entrance shall be furnished by building contractor.

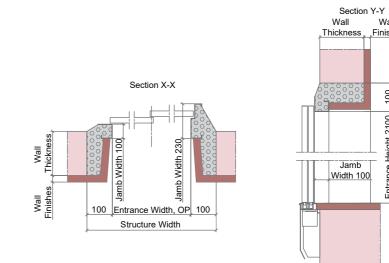
The followings shall be furnished by building contractors:

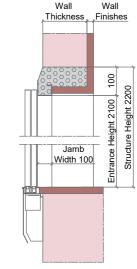
Building Structure

Wall And Floor Finishes

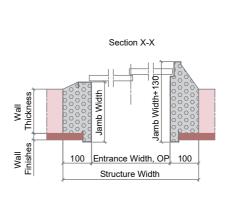
Grouting Work

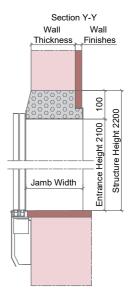
Narrow Jamb (AS-1X)





Wide Jamb (SS-1X)





Note: ① Unit of dimension shall be in mm unless otherwise stated.

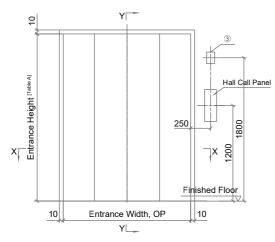
Entrance Design (4 Panels Center Opening)

Entrance Design (4 Panels Center Opening)

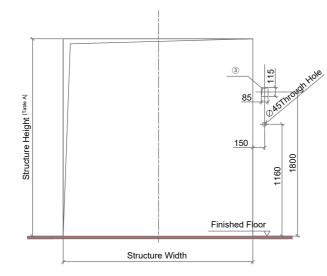
The followings shall be furnished by building contractors:

Wall And Floor Finishes

Elevation Of Entrance



Structure Opening Of Entrance



[Table A]

Rated Load (kg)	Entrance Height	Structure Height
1600/2000/3000	2100	2200
4000/5000	2400	2500

Note:

0 The above information are based on GB7588-2003 standards.

2 Unit of dimension shall be in mm unless otherwise stated.

 $\bar{(\mathbf{3})}$ Applicable only when fireman operation with switch is located at lift landing.

(4) Structure opening of entrance shall be furnished by building contractor.

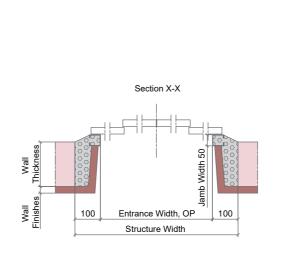
The followings shall be furnished by building contractors:

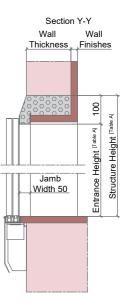
Building Structure

Wall And Floor Finishes

Grouting Work

Narrow Jamb (AS-1X)





Ľ	Та	ble	AJ	

Rated Load (kg)	Entrance Height	Structure Height
1600/2000/3000	2100	2200
4000/5000	2400	2500

Note:

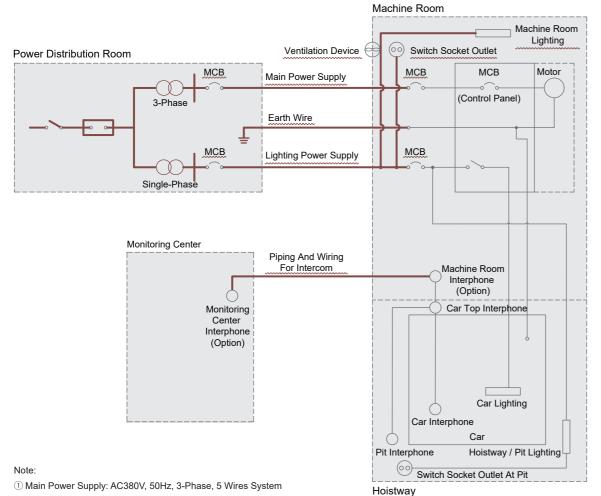
1 Unit of dimension shall be in mm unless otherwise stated.

Electrical Information

The following shall be furnished by building contractors:

----- Electrical Equipment

- Cable



Lighting Power Supply: AC220V, 50Hz, Single-Phase, 3 Wires System

Item	Works to be provided by building contractor
Main Power Supply	To provide the main power supply switch around the entrance of the machine room. To install facilities to ensure the power supply voltage fluctuation shall be within $\pm 7\%$.
Lighting Power Supply	To provide lighting power supply for car lighting, fan and indicator.
Ventilation Device	To provide mechanical ventilation to the machine room to ensure the temperature in the machine room is maintained at below 40°C.
Machine Room Lighting And Switch Socket Outlet	To provide single phase AC220V. 10A switch socket outlet and machine room lighting with switch around the entrance of machine room for maintenance purposes.

Electrical Data

S/No.	Rated Load (kg)	Rated Speed (kg)	Supply Voltage	Circuit Breaker Capacity (A)		Transformer Capacity (kVA)		Main Power Wire Size (mm²)		Earth Wire Size (mm²)	
				1 unit	2 units	1 unit	2 units	1 unit	2 units	1 unit	2 units
1	1600	30		40	40	8	13	8	10	8	10
		60		40	50	16	20	16	25	16	16
2	2000	30		40	40	8	16	8	16	8	16
		60		50	60	16	25	16	30	16	16
3 300	0000	30	3Φ380V	40	50	16	20	10	25	10	16
	3000	60	1Φ220V 50Hz	60	100	25	40	25	35	16	16
4	4000	30		50	60	16	25	16	25	16	16
	4000	45		60	100	25	40	25	35	16	16
5	5000	30		60	75	20	32	25	30	16	16
		45		75	100	30	50	30	50	16	25

Notes:

① The above information are based on GB7588-2003 standards.

② The above information on the Supply Voltage, Circuit Breaker Capacity (A), Transformer Capacity (kVA), Main Power Wire Size (mm²) and Earth Wire Size (mm²) are the requirements at building side.

3 The main power wire size specified above is applicable for wire length less than 150m.

For main power wire length more than 150m, please calculate using the following formula:

Main power wire size (mm²) = [Actual wire length / 150] x [Wire size in above table]

(4) The machine room calorific value (kcal/hr) for one elevator is calculated using the following formula:

Machine Room Calorific Value (kcal/hr) = Rated Load (kg) x Rated Speed (m/min) x [1 / 45]

Working environment of the elevator shall be as follow:

- 1. Machine room ambient temperature shall be between 5°C to 40°C.
- 2. Maximum relative humidity is 90%, and the monthly mean minimum temperature should be below 25°C.
- 3. Supply voltage fluctuation shall be within ±7%.
- 4. Surrounding environment shall be free from explosive, corrosive hazard, anti-insulation and conductive particles atmosphere.

About hoistway and machine room:

- 1. Hoistway and machine room shall not be used for purposes other than those connected with the elevators.
- 2. Hoistway walls (including reinforced concrete ring beams) should be vertical, and the allowable deviation for the hoistway verticality is 0 ~ +30mm.
- 3. Hoistway and machine room walls, floors and roofs should be able to absorb a large amount of elevator operation noise.
- 4. Hoistway and machine room should not be located directly adjacent to bedrooms, classrooms, wards, library or any other places where low noise is required. Where such arrangements need to be imposed, the building contractors must be responsible for taking measures of sound insulation and cushioning.
- 5. Hoistway walls shall be 200mm concrete walls.
- 6. If elevator hoistway is steel structure construction, please contact us.
- 7. Elevator hoistway is preferably not located in the space above accessible area. If the actual situation cannot meet the regulations, please contact us.

Work to be done by Building Contractors:

The preparatory work for elevator installation outlined below should be undertaken by building contractors in accordance with Hitachi drawing and applicable national or local codes and regulation.

- Prepare hoistway with proper framing and enclosure, suitable pit of proper depth with drains and waterproofing if required, properly lighted and ventilated machine room of adequate size with concrete floor, access door, ladder and guards as required.
 Provide and/or cut all necessary holes, chases, and openings and finish after equipment installation.
- 3. Supply and secure all supports, reinforced concrete slabs, etc., necessary for installation of the machinery, doors, buffers, etc.
- 4. Furnish all necessary cement and/or concrete for grouting-in of brackets, bolts, machine beams etc.
- 5. Suspension hooks in the machine room with required loading as shown in this catalogue.
- 6. Furnish main for three-phase electric power and single-phase lighting supply to machine room, following the instructions of the elevator contractors on outlet position and wire size.
- 7. Supply electric power for lighting of work area, installation work, elevator testing and spray painting.
- 8. Provide, free of charge, a suitable theft-proof storage area for materials and tools during erection work.
- 9. Prepare and erect suitable scaffolding and protective measures for the works in progress.

Note	Note