XIO LIFT 西奥电梯

提升中国的力量

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XIOASSIST (24/7 EMERGENCY)

6536-5488

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• 本宣传册只提供一般信息，并不作为合同文件，具体配置参数以正式合同约定为准。

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The techincal parameters, specifications and graphics of this product in this brochure reflect the technical characteristic and configuration of the elevator model when the deadline is closed(see the back cover version number), We reserve the right to change the product's technical parameters, selection and color at any time. This brochure only provides general information, not as a contract document, the specific configuration parameters to the formal contracts shall prevail.

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XIO LIFT 西奥电梯

载货电梯系列 FREIGHT ELEVATOR SERIES

XO-HTVF/XO-HTVF(MRL)/XO-TQJ（汽车电梯）

FREIGHT ELEVATOR

SUPER CAPACITY

EXTRAORDINARY STRENGTH

FREIGHT ELEVATORS
XO-HTVF

XO-HTVF adopts the mature and reliable technology, and has high performance-price ratio, by a series of optimal design, which is widely used in factories, production lines, warehouses, mansions, markets, shopping centers, logistics centers and other large logistics centers.

XO-TQJ CAR ELEVATOR

XO-TQJ car elevator, a solution specially designed for carrying vehicles. The complete set of products are widely used in factories, automobile warehouses, airports, stations, shopping malls, buildings and other places, bringing efficient and convinient transportation experience.

CAR ELEVATOR

LIFT HEAVY AS LIGHT

STOP AT NOTHING

MATURE AND RELIABLE SAPIENTIAL CHOICE

Microprocessor control Run effectively

XO-HTVF adopts the Microcomputer modular control system, five computer modules are placed in data network system, without any changes in hardware configuration, jobsite engineers can modify the software, adjust system parameters, improve elevator system upgrading ability, control the elevator running and functioning efficiently.

Dispatch elevator intelligently Response rapidly

The fastest responding logic make calculation for hall calls, respond immediately, greatly shorten the waiting time, improve the efficiency of transportation.

Stable and reliable level precisely

Dedicated pattern generator makes the curve of movement speed gently and smoothly, avoids the freight elevators cause great impact in the process of acceleration, guarantees the safety of passengers and goods. XO-HTVF is high efficiency, high precision leveling dock to make cargo handling more convenient and safe.

SUPER ABILITY
STEADY AND SMOOTH

LEADING TRACTION TECHNOLOGY

Performance Stable and Reliable

The special motor of freight elevators optimized, improve the stability of motor, reduce noise pollution, satisfy customers need of durability.

Simple structure maintenance easily

Adopt the mature technology of frequency conversion traction motor. The mechanical structure is stable and reliable, which makes maintenance procedure more convenient and efficient, and reduces the use-cost.

Bearing strongly Create Value

The freight elevators' special motor have different grades of load specifications, it is convenient for the customer to choose. The largest load capacity is 5000 kg among them. It is efficient to transport for users, Users will be brought in conosiderable revenue.

TECHNOLOGY CHAMPION
EXTRAORDINARY AND OUTSTANDING

INTELLIGENT MODULAR CONTROL SYSTEM

4 Panels VVVF Door Operator

Adopt the skilled technology of variable frequency drive and control logic in our filed, the same frequency door knives device to ensure that open and close doors synchronous operation, and run sensitivity and safety. The physical design is concise and reasonable, the space is saved, it is easy to install and repair.

Control System

Adopt the design idea of integrated lift control and drive control, form the safe and reliable goods lift control cabinet, make the control system become more safety, efficiency, energy saving, environmental protection.

Serial Type Communication System

Adopt the pulse signal, landing display and summon only need 4 wires, it will reduce the cost of connection failure and production cost greatly, improved the system reliability, also it will be convenient to upgrade in the future.

The Unique Pattern Generator

To make the elevator become more stable in the process of accelerate, decelerate and braking, reduce the running vibration, improve the leveling accuracy, reduce the time of running.

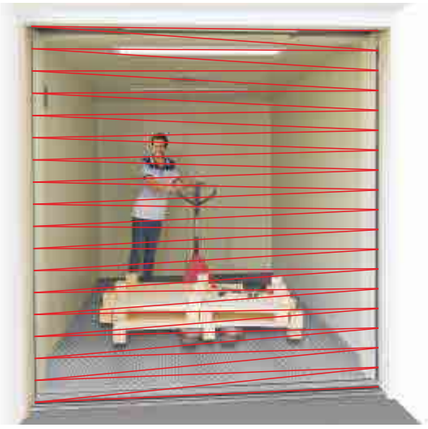
SECURITY TRUSTED

CAR DESIGN

Doubling rugged car designed to carry all types of cargo at the end, be accurately weighed, strictly controlled by the switch load to prevent overloading the accident; surface non-slip tread plate design, even if the ground is contaminated oil can generate enough friction force to prevent people or sliding cargo to avoid slipping.

Light Curtain Protection

Imported light curtain can make the elevator entrance form dense infrared network for sensitive detection of the elevator and out of people or things, high safety performance.

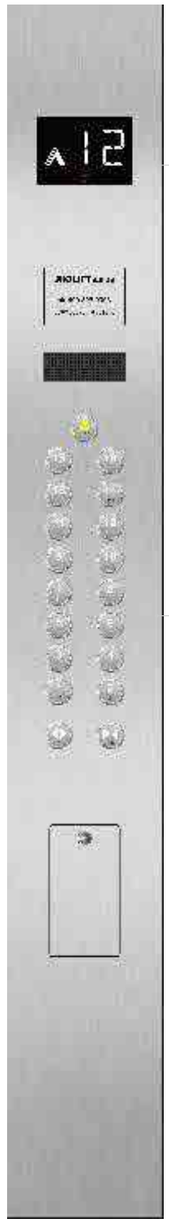


ELEVATOR CAR DECORATION

Standard Car Decoration

Ceiling: XO-Z3308(L)
Car Wall: High quality painted steel
Car Door: High quality painted steel
Flooring: XO-Z0466 Anti-skid pattern steel(wall-to-wall)

HUMAN INTERFACE



COP1 Control Box

6.4” BND-LEDW
White LED segment display

BR36D
Hairline Stainless
Steel Braille Button

COP1 split control box, 6.4’ BND-LEDW white LED segment display and BR36D hairline stainless steel braille button with standard configuration.

XHB15-A Hall Call

4.3” BND-LEDW
White LED Segment
Display

BR36D
Hairline Stainless
Steel Braille Button

XHB15-A bottomless calling box, 4.3’ BND-LEDW white LED segment display and BR36D Hairline Stainless Steel Braille Button.

BASIC FUNCTION

Run function

Frequency set selection control	The elevator in the automatic operation state, signal of instruction, call automatically and run direction
Load non-stop	When the car load to full load weight, hall display load signal, the elevator will respond only to the car and no longer responds to external call signal

Security features

End protection	If the speed is not slowed to the preset value while the car reach the end floor, a forced deceleration will be carried out by system in order to protect the safety of the car
Overload protection	When the load of the car exceeds rated capacity. Overload operations is triggered, this operation opens the door, sounds the buzzer, and illuminations the overload lamp. The overload conditions is removed when the weight of the car falls below the rated load
Top of car inspection	The inspection operation switch and its push buttons and an emergency stopping device 'TES' shall be placed on the car roof that they are readily accessible
Internal Communication Device	In case of emergency, maintenance personnel and passengers in the cage or the top and bottom hole can call device and computer room or monitoring center through the internal help (from the room to the monitoring center of the cable provided by the user and is responsible for the pre-buried)
Contractor Anomaly Detection	According to the contact device control command system detecting state main contrator feed-back, if discovery is unusual, the system will enter a state of protection, the elevator stops running

Emergency functions

Emergency Light	Emergency Light in the car will start whenever there is a power cut
Alarm Bell	In case of emergency, the alarm bell will be activated by pressing the alarm button in operating panel
Emergency motor-driven operation in machine room	Control box is set with emergency motor-driven operation device, engineers should operate at machine room at the situation of emergency

Man-machine interface

Display the floor and the direction of the car	In the car on the control panel digital display and the direction of the arrow tip floors and the running direction of the elevator
Show floor and direction	In each hall by calling the panel with sixteen segment digital display and the direction of the arrow tip lift the floor and the running direction

Special run

Light curtain protection	Light red unit for special purpose enhanced the safety of elevator, an infrared curtain can be formed in front of the car door, and a quick response to reopen will be implemented once something entering this area
Attendant non-stop	Press the non-stop bottom, elevator will move straightly to instruction floor.
The Operation of the Driver	In the running status of the driver, the operation of the lift elevator is controlled by the driver, professional, close by the driver manual control, the direction of the elevator can be determined automatically by the drivers can also be manually determined
Independent Operation	Independent operation, the elevator will be out of parallel or group control group, signal call no longer response, mode of operation is similar to driver manipulation

Energy-saving features

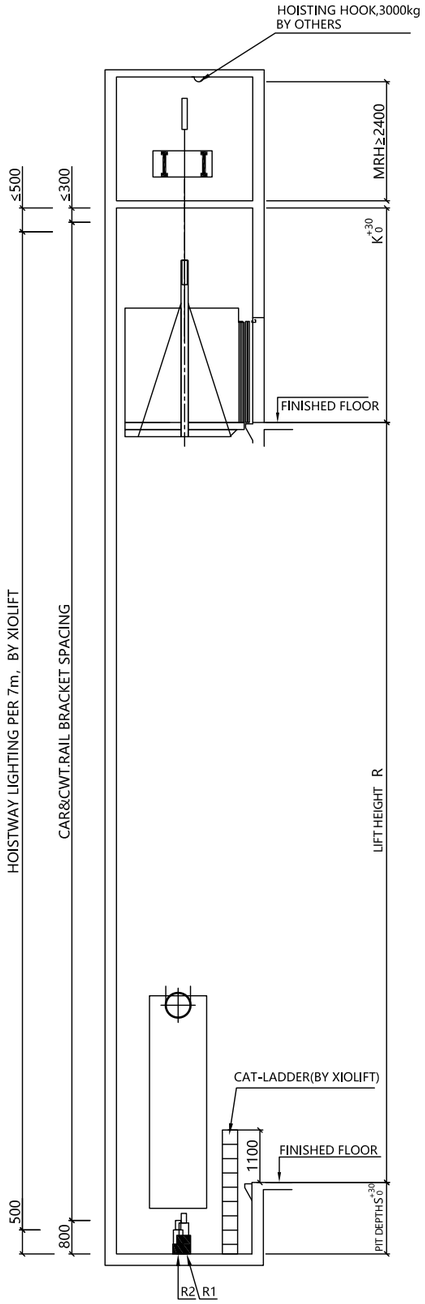
Key Switch	Lock key moves, the system cancel all call signals, after the elevator response the car call instruction signals, automatically returns to base floor
Lighting & Fan Control in Car	The elevator in standby mode, if the lift don't receive any instructions within the preset time, the elevator, automatically shut off the car lighting and fan, in order to save energy

OPTIONAL FUNCTION

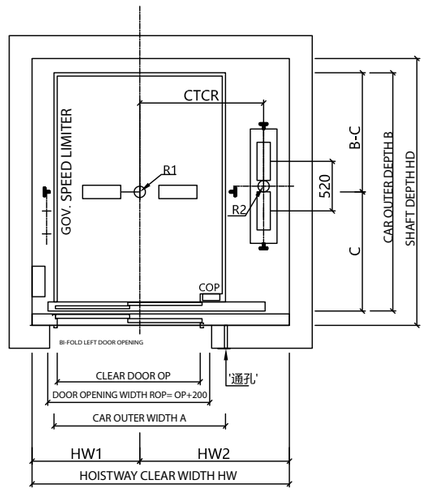
Other features

Hold Open button	After entering the car more passengers, need to extend the opening hours, can catch the manipulation of open panel on the hold button, the control system when a lift to hold open state, the system will automatically assigned to the ladder on the calling signal processing to other elevator
Duplex/Group Control	Two elevators could choose duplex control, three elevators could choose group control. Two or more elevators in same series should adopt this function for better response performance, avoiding repeated response, shorten the system response.
Password Manager	Access authority can be managed due to password function, thus entries to the certain floors can be controlled.
Voice Ring	Sound signal will be given out during deceleration about the next stop and calls the attention
Area elevator system	Computers carry out district monitor system. This function can provide computed monitoring for all the elevators in this district and offer the data for the computed management of the building
Automatic Rescue Device	This device is used for rescue operation in case of power shutdown, it is powered by a rechargable battery, when a sudden cut happens, a sound signal will comfort the trapped passengers, then the car will move towards to the near floor, keep the door open to the passengers

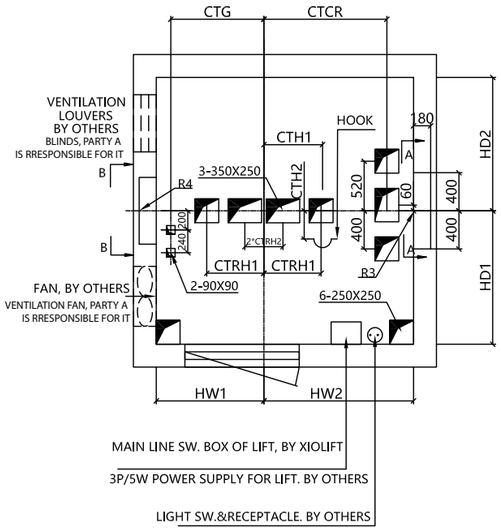
XO-HTVF Gearless Freight Elevator 2000kg



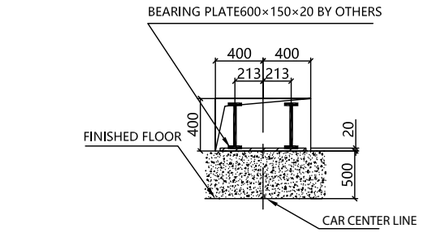
ELEVATION



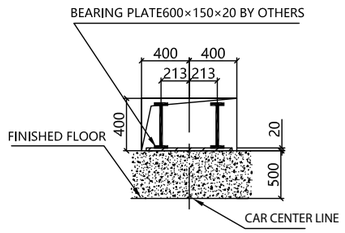
HOISTWAY PLAN



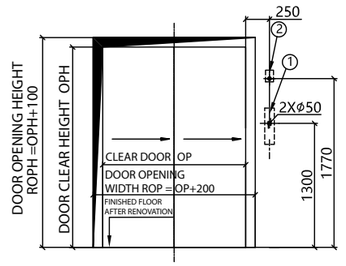
CUTOUTS OF MACHINE ROOM



A-A LOAD BEARING HOLE



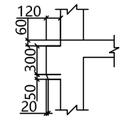
B-B LOAD BEARING HOLE



FRONT VIEW

(ALL FLOORS)
1: BUTTONS & DISPLAYS (HB & HPI)
2: WHEN THERE IS FIRE PROTECTION, ONLY THE BASE STATION IS INSTALLED. IN OTHER CASES, THIS HOLE IS NOT REQUIRED (ONLY FOR FIRE SW. SELECTED AT MAIN LANDING. IT IS RECOMMENDED THAT PARTY A USE A PVC PIPE WITH AN INNER DIAMETER OF 50MM TO RESERVE A CALLING WIRING THROUGH HOLE (FREE HOLE FOR HALL FIXTURE, INTERIOR DIA.Ø50MM PVC PIPE RECOMMENDED)

SCHEMATIC DIAGRAM
WHEN THERE ARE CIVIL CORBELS:



CORBELS DETAILS

◎ Work that Party A must Complete

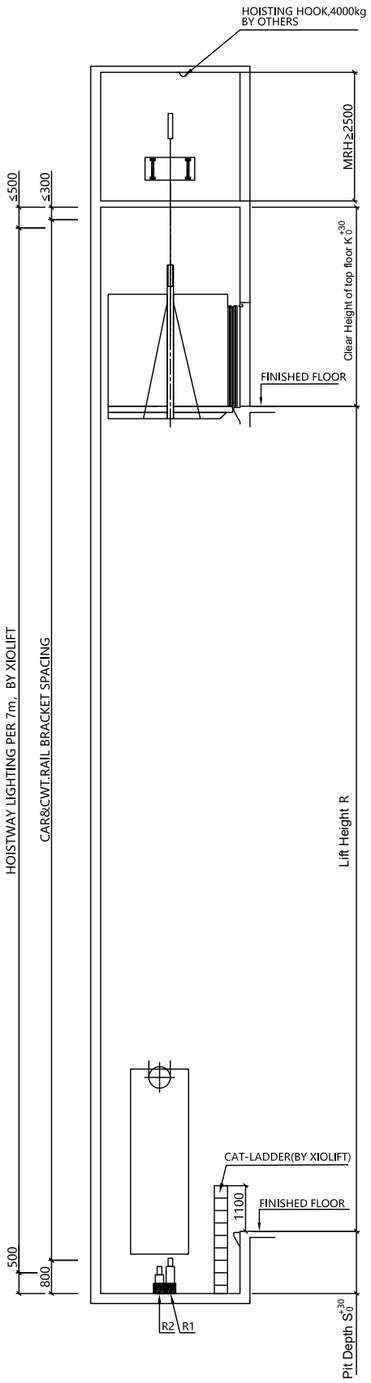
1. The construction inside the hoistway and the hoistway wall must meet fire protection requirements, power supplies, etc. and holes unrelated to the elevator must be applied.
2. When there is a space accesssible to personnel under the bottom of the pit, the counterweight buffer can be installed on a solid pile pier that extends all the way to the ground, or you can ask the elevator manufacturer to install a counterweight safety gear.
3. Before the elevator is installed, all landing door openings must be equipped with safety protection enclosures with a height of not less than 1.2 meters, and sufficient strength should be ensured.
4. Ventilation holes (generally at the top and bottom of the shafts as needed, and their area should not less than 1% of the horizontal area of the shaft. The ventilation holes must be equipped with protective nets.
5. The elevator hall door, call display reserved holes and other reserved holes need to be backfilled and decorated after the elevator is installed.
6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
7. The pit should be waterproof. If there is a puddle of water, it should be located at the corner of the wall.
8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
9. All loads indicated in the figure include impact corrections unless otherwise noted. The strength of the merging wall and pit must be able to withstand the forces shown.
10. Party A is responsible for the items marked in the picture (embedded steel plates, etc.) and need to be set-up in advance.
11. The temperature in the computer room should be maintaned at 5~40°C. The computer room should be flat and must be able to withstand a floor standard value uniform live load of not less than 7.0KN per square meter. When the floor heights of the computer rooms are different and 500mm apart, stairs or steps should be set up, and guardrails should be set up.
12. The pit buffer concrete piers should meet the stress requirements and be made under the guidance of professional elevator installers.
13. For other requirements, please refer to the building and wiring requirements.

Load (kg)	Speed (m/s)	Car Outer Dimension Width A x Depth B (mm)	Clear Door Opening Dimension Width OP x Height OPH (mm)	Hoistway Net Size Width HW x Depth HD (mm)	HW1 (mm)	HW2 (mm)	HD1 (mm)	HD2 (mm)	Machine Room Net Size Width MRW x Depth MD (mm)	Pit Depth S (mm)	Top Height K (mm)	Other Positioning Dimensions (mm)						Bottom Mine Reaction Force (KN)		Load-bearing hole support reaction force (KN)	
												C	CTG	CTH1	CTH1	CTRH1	CTRH2	R1	R2	R3	R4
2000	0.5	1800x2500	1500x2100	2700x2800	1130	1570	1400	1400	2700x2800	1500	4300	1250	978	800	120	600	200	151	110	88	64
	1.0																				

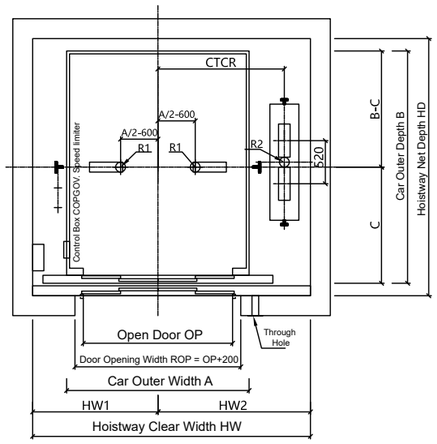
Please contact sales if necessary.

Note: DO NOT SCALE THIS DRAWING, UNLESS OTHERWISE STATED.

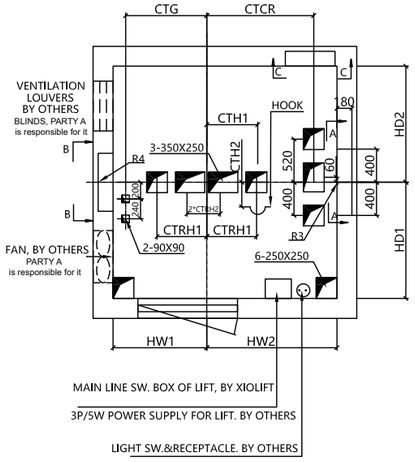
XO-HTVF Gearless Freight Elevator 3000kg



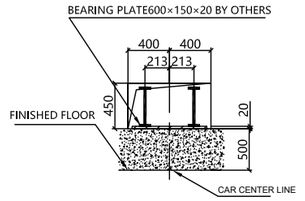
ELEVATION



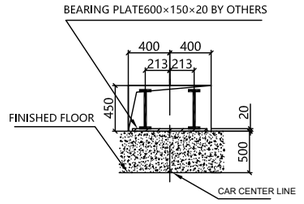
HOISTWAY PLAN



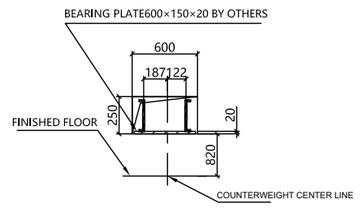
CUTOUTS OF MACHINE ROOM



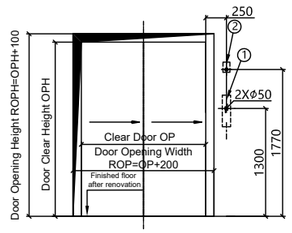
A-A LOAD BEARING HOLE



B-B LOAD BEARING HOLE



C-C LOAD BEARING HOLE

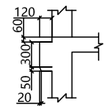


FRONT VIEW

ALL FLOORS

1: Buttons and Displays (HB & HPI)
2: When there is fire protection, only the base station is installed, otherwise there is no need to leave this hole (ONLY FOR FIRE SW. SELECTED AT MAIN LANDING) It is recommended that Party A use PVC pipe with an inner diameter of ø50mm to reserve through holes for calling wiring.

SCHEMATIC DIAGRAM
WHEN THERE ARE CIVIL CORBELS:



CORBEL DETAILS

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6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
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8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
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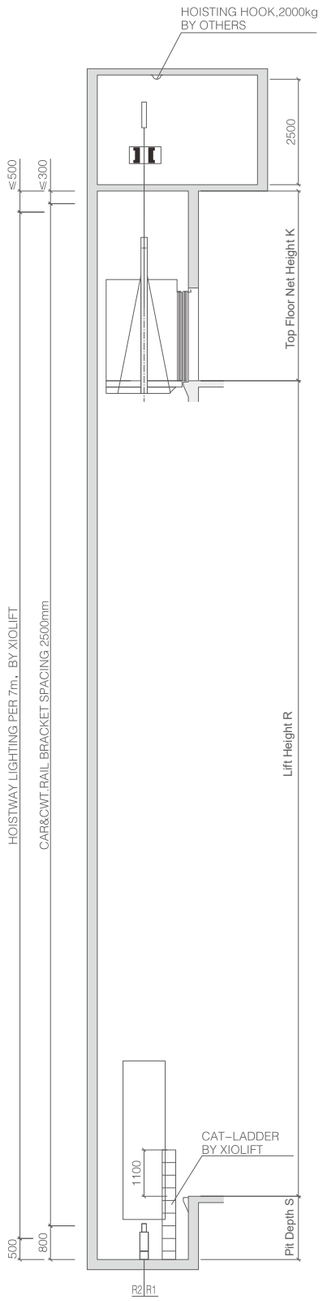
(kg)	(m/s)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	C	CTG	CTH1	CTH1	CTRH1	CTRH2	R1	R2	R3	R4
3000	0.5 1.0	2200x2800	1800x2100	3350x3100	1510	1840	1550	1550	3350x3100	1500	4500	1400	1205	790	140	825	312.5	112	162	132	71

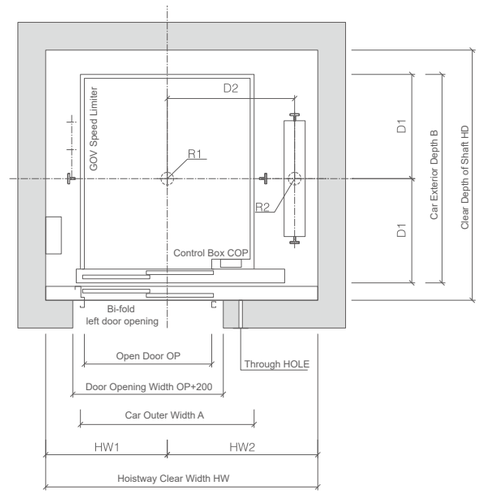
Please contact sales if necessary.

Note: DO NOT SCALE THIS DRAWING, UNLESS OTHERWISE STATED.

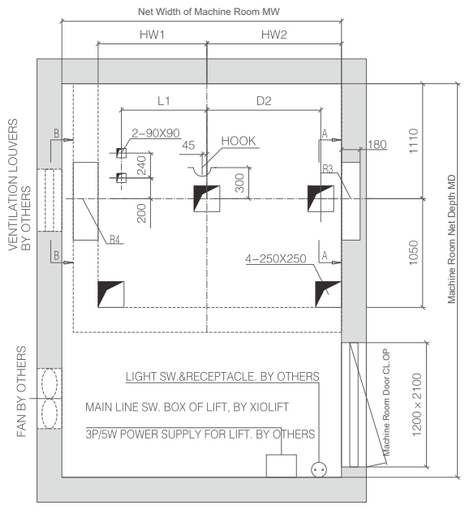
XO-HTVF Geared Freight Elevator 1000kg



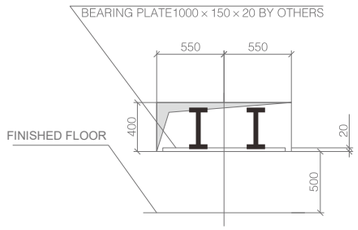
ELEVATION



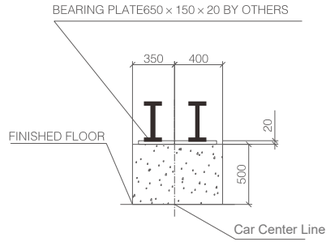
HOISTWAY PLAN



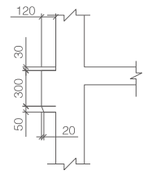
CUTOUTS OF MACHINE ROOM



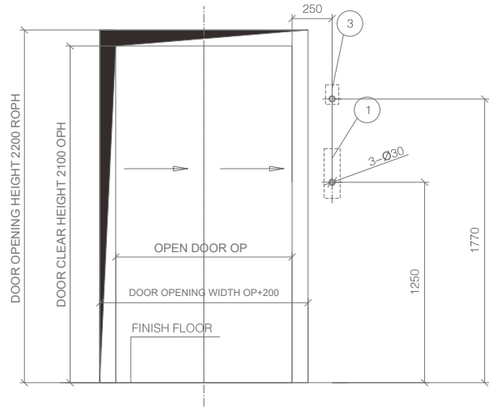
A-A Load Bearing Hole



B-B Load Bearing Pier



SILL SUPPORT DETAIL



FRONT VIEW

ALL FLOORS

1: Buttons and Displays (HB & HPI)
2: When there is fire protection, only the base station is installed, otherwise there is no need to leave this hole (ONLY FOR FIRE SW. SELECTED AT MAIN LANDING) It is recommended that Party A use PVC pipe with an inner diameter of Ø30mm to reserve through holes for calling wiring.

◎ Work that Party A must Complete

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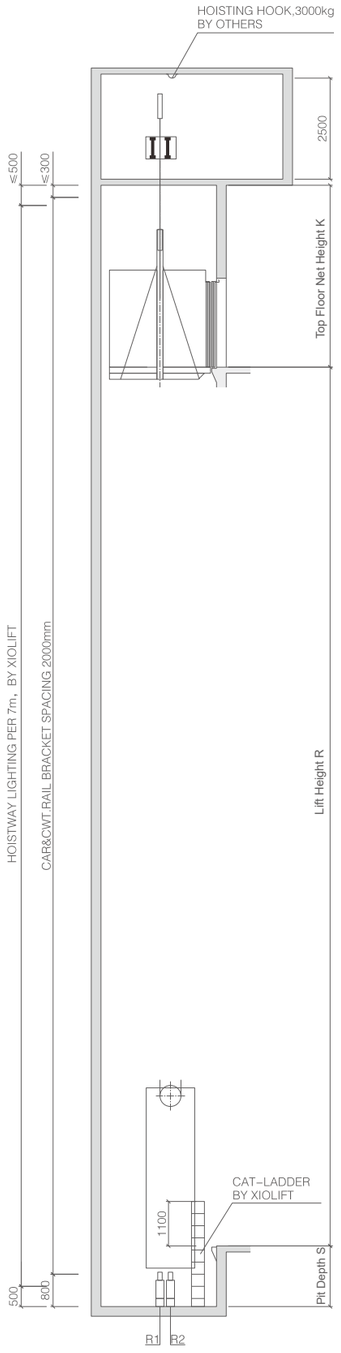
4. Ventilation holes (generally at the top and bottom of the shafts as needed, and their area should not less than 1% of the horizontal area of the shaft. The ventilation holes must be equipped with protective nets.
5. The elevator hall door, call display reserved holes and other reserved holes need to be backfilled and decorated after the elevator is installed.
6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
7. The pit should be waterproof. If there is a puddle of water, it should be located at the corner of the wall.
8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
9. All loads indicated in the figure include impact corrections unless otherwise noted. The strength of the merging wall and pit must be able to withstand the forces shown.
10. Party A is responsible for the items marked in the picture (embedded steel plates, etc.) and need to be set-up in advance.
11. The temperature in the computer room should be maintaned at 5~40°C. The computer room should be flat and must be able to withstand a floor standard value uniform live load of not less than 7.0KN per square meter. When the floor heights of the computer rooms are different and 500mm apart, stairs or steps should be set up, and guardrails should be set up.
12. The pit buffer concrete piers should meet the stress requirements and be made under the guidance of professional elevator installers.
13. For other requirements, please refer to the building and wiring requirements.

Load (kg)	Speed (m/s)	Car Outer Dimension Width A x Depth B (mm)	Clear Door Opening Dimension Width OP x Height OPH (mm)	Hoistway Net Size Width HW x Depth HD (mm)	HW1 (mm)	HW2 (mm)	Machine Room Net Size Width MW x Depth MD (mm)	Pit Depth S (mm)	Top Height K (mm)	Other Positioning Dimensions (mm)			Bottom Mine Reaction Force (KN)		Top Load Bearing Capacity (KN)	
										D1	D2	L1	R1	R2	R3	R4
1000	0.5 1.0	1500x1800	1100x2100	2350x2160	1050	1300	2700x3800	1500	4500	900	1100	825	104	84	77	40

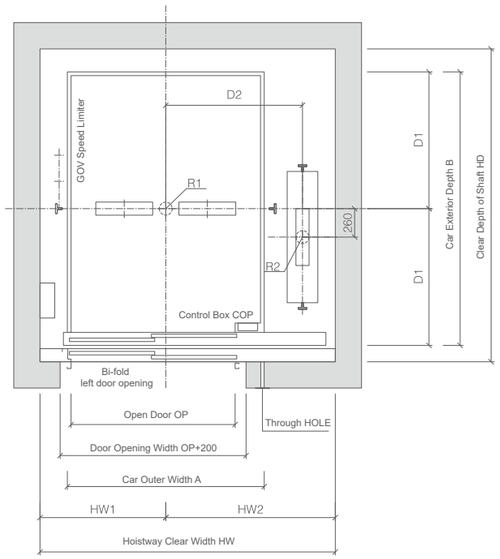
Please contact sales if necessary.

Note: DO NOT SCALE THIS DRAWING, UNLESS OTHERWISE STATED.

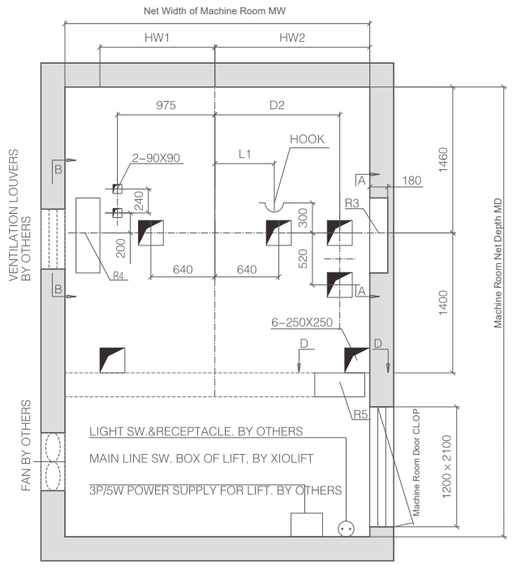
XO-HTVF Geared Freight Elevator 2000kg



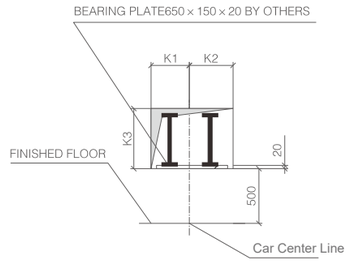
ELEVATION



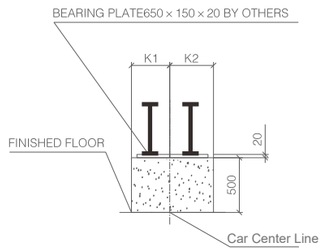
HOISTWAY PLAN



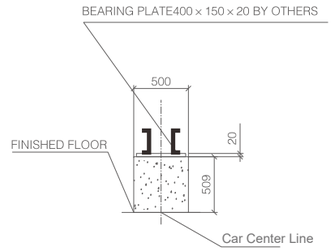
CUTOUTS OF MACHINE ROOM



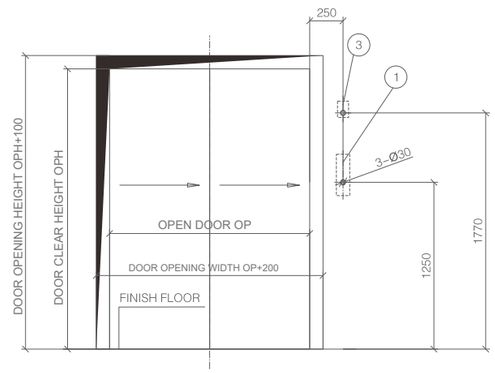
A-A Load Bearing Hole



B-B Load Bearing Pier



D-D Load Bearing Pier



FRONT VIEW

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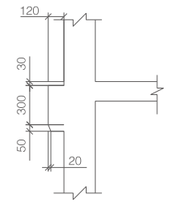

SILL SUPPORT DETAIL

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5. The elevator hall door, call display reserved holes and other reserved holes need to be backfilled and decorated after the elevator is installed.
6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
7. The pit should be waterproof. If there is a puddle of water, it should be located at the corner of the wall.
8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
9. All loads indicated in the figure include impact corrections unless otherwise noted. The strength of the merging wall and pit must be able to withstand the forces shown.
10. Party A is responsible for the items marked in the picture (embedded steel plates, etc.) and need to be set-up in advance.
11. The temperature in the computer room should be maintaned at 5~40°C. The computer room should be flat and must be able to withstand a floor standard value uniform live load of not less than 7.0KN per square meter. When the floor heights of the computer rooms are different and 500mm apart, stairs or steps should be set up, and guardrails should be set up.
12. The pit buffer concrete piers should meet the stress requirements and be made under the guidance of professional elevator installers.
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Load	Speed	Car Outer Dimension Width A x Depth B	Net Door Opening Dimension Width OP x Height OPH	Hoistway Net Size Width HW x Depth HD	HW1	HW2	Machine Room Net Size Width MW x Depth MD	Pit Depth	Top Height	Other Positioning Dimensions (mm)						Bottom Mine Reaction Force (KN)		Top Load Bearing Capacity (KN)		
(kg)	(m/s)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	S (mm)	K (mm)	D1	D2	L1	K1	K2	K3	R1	R2	R3	R4	R4
2000	0.5	1800x2500	1500x2100	2700x2860	1150	1550	2700*4500	1500	4500	1250	1250	595	350	400	550	188	148	111	75	23.1
	1.0										1290	615	650	350	550					

Please contact sales if necessary.

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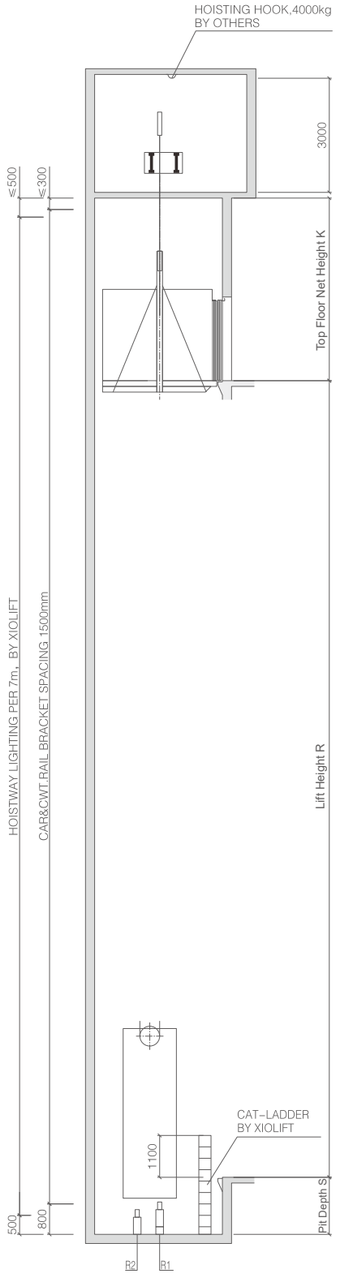
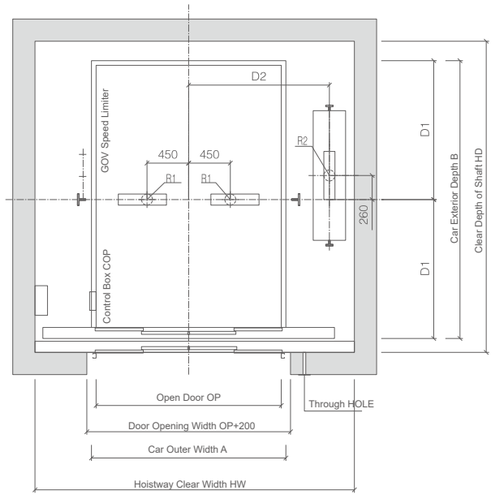
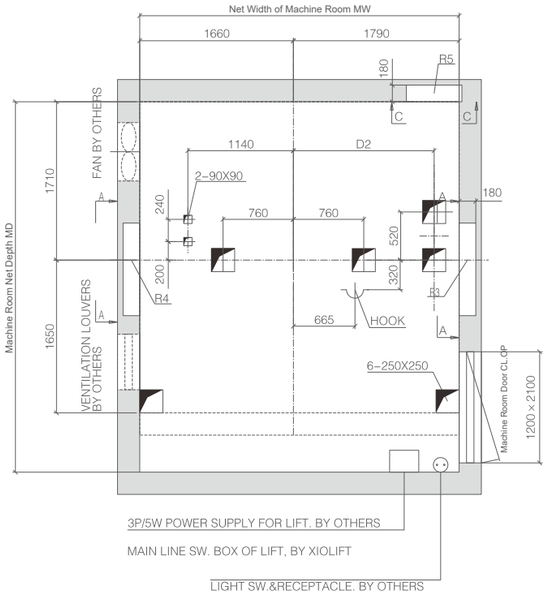
XO-HTVF Geared Freight Elevator 3000kg



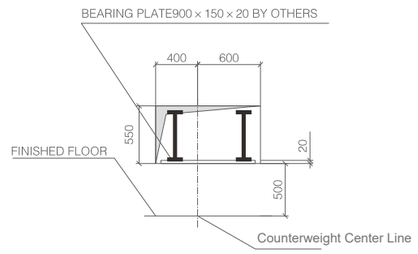
ELEVATION



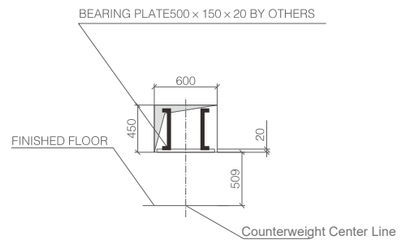
HOISTWAY PLAN



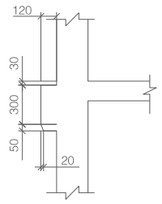
CUTOUTS OF MACHINE ROOM



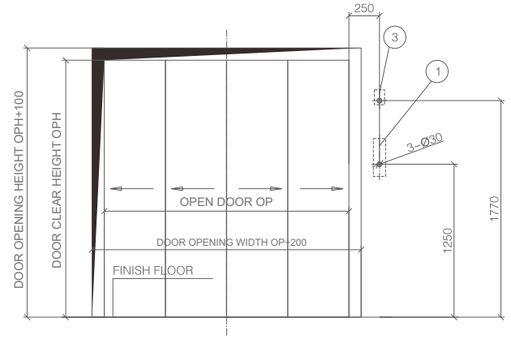
A-A Load Bearing Hole



C-C Load Bearing Hole



SILL SUPPORT DETAIL



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								D1	D2	R1	R2	R3	R4	R4
3000	0.5	2100x3000	2000x2100	3450x3360	3450x4000	1500	4800	1500	1520	122	186	152	86	28.7
	1													

Please contact sales if necessary.

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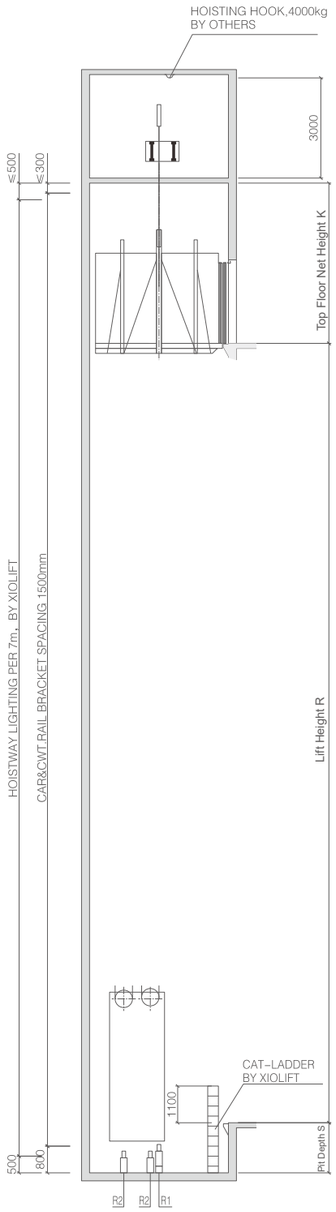
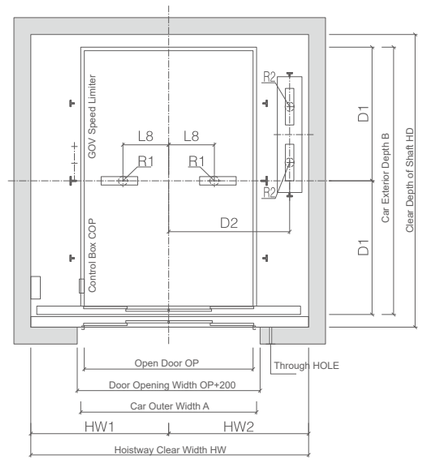
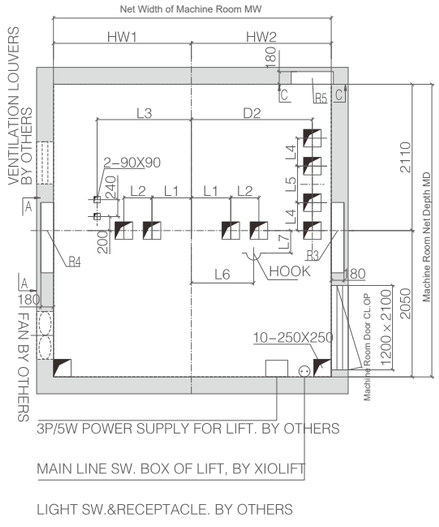
XO-HTVF Geared Freight Elevator 4000/5000kg



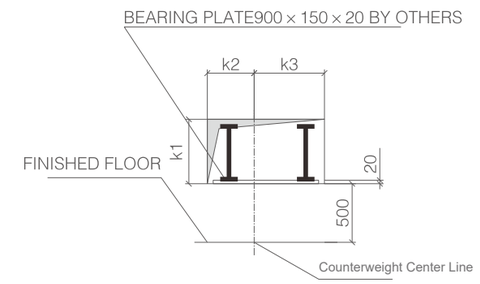
ELEVATION



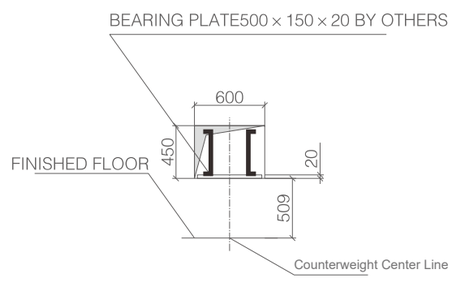
HOISTWAY PLAN



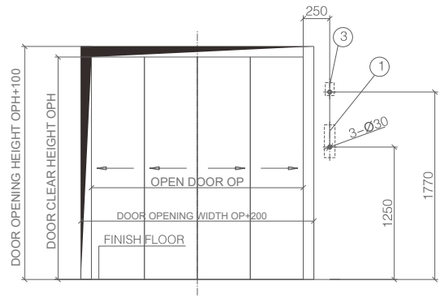
CUTOUTS OF MACHINE ROOM



A-A Load Bearing Hole



C-C Load Bearing Hole



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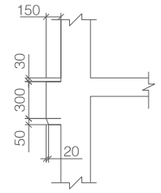

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(kg)	(m/s)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	D1	D2	L1	L2	L3	L4	L5	L6	L7	L8	K1	K2	K3	R1	R2	R3	R4	R5
4000	0.25	2100x3800	2000x2400	3450x4100	1660	1790	3450x4160	1500	4800	1900	1520	260	500	1140	397	520	665	320	450	600	400	600	158	118	196	75	36.8
	0.5																685										
5000	0.25	2500x3800	2400x2400	3950x4100	1960	1990	3950x4160	1500	4800	1900	1720	560	400	1340	397	520	885	320	650	600	400	600	194	144	246	86	45
	0.5																										

Please contact sales if necessary.

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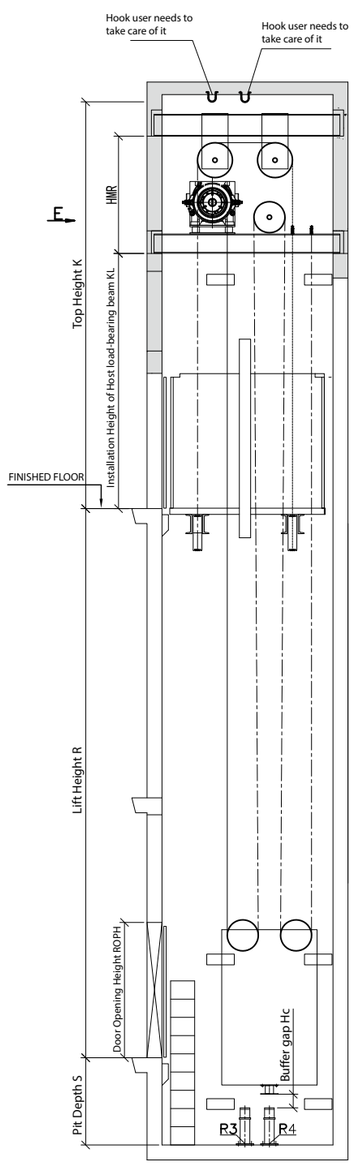
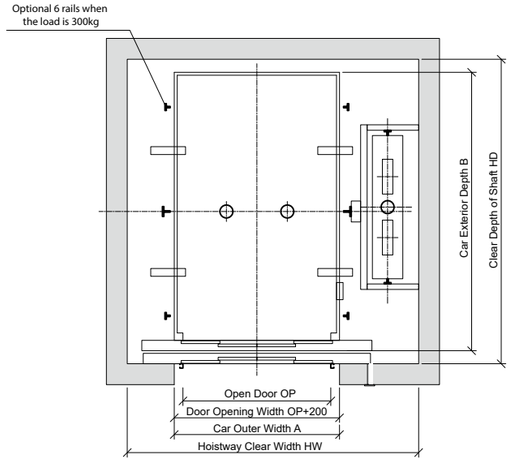
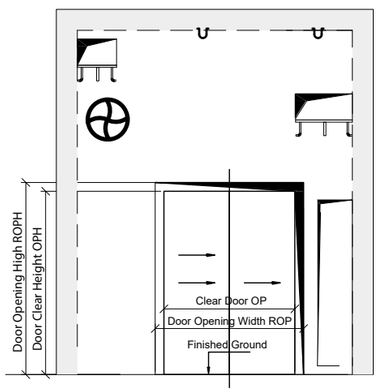
XO-HTVF (MRL) MRL Freight Elevator 2000/3000kg



ELEVATION



HOISTWAY PLAN



THE TOP FLOOR HALL DOOR

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4. Ventilation holes (generally at the top and bottom of the shafts as needed, and their area should not less than 1% of the horizontal area of the shaft. The ventilation holes must be equipped with protective nets.
5. The elevator hall door, call display reserved holes and other reserved holes need to be backfilled and decorated after the elevator is installed.
6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
7. The pit should be waterproof. If there is a puddle of water, it should be located at the corner of the wall.
8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
9. All loads indicated in the figure include impact corrections unless otherwise noted. The strength of the merging wall and pit must be able to withstand the forces shown.
10. Party A is responsible for the items marked in the picture (embedded steel plates, etc.) and need to be set-up in advance.
11. The temperature in the computer room should be maintaned at 5~40°C. The computer room should be flat and must be able to withstand a floor standard value uniform live load of not less than 7.0KN per square meter. When the floor heights of the computer rooms are different and 500mm apart, stairs or steps should be set up, and guardrails should be set up.
12. The pit buffer concrete piers should meet the stress requirements and be made under the guidance of professional elevator installers.
13. For other requirements, please refer to the building and wiring requirements.

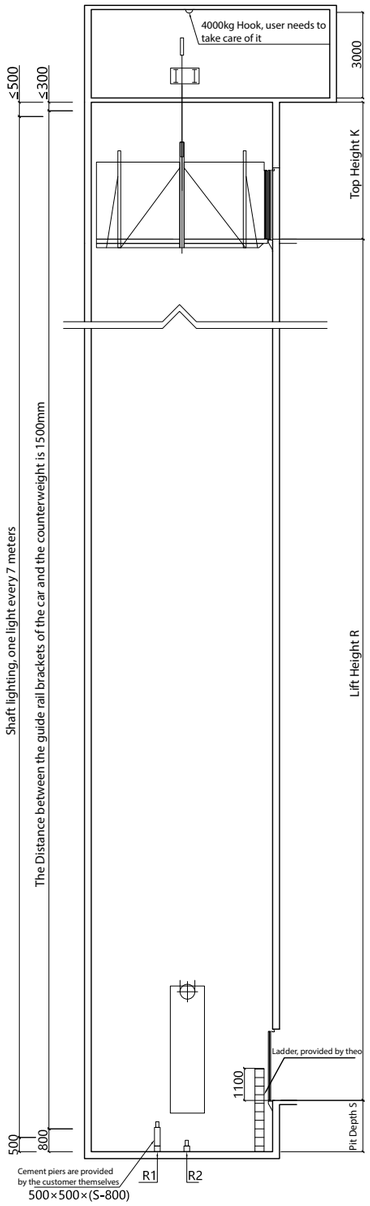
Load Q kg	Number of guide rail rows	Single and Double Pass	Speed V m/s	Car Outer Width A mm	Car Exterior Depth B mm	Car Net Width CW mm	Car Net Depth CD mm	Hoistway Clear Width HW mm	Door Opening Width OP mm	Door Opening Width ROP mm	Shaft Clear Depth HD mm	Top Height K mm	Pit Depth S mm
2000	2 Columns	Single-pass	0.5	1800	2500	1732	2262	3250	1500	1700	2800	4500	1500
			1	1800	2500	1732	2262	3250	1500	1700	2800	4500	1500
		Double-pass, penetrate	0.5	1800	2500	1732	2092	3250	1500	1700	2800	4500	1500
			1	1800	2500	1732	2092	3250	1500	1700	2800	4500	1500

Load Q kg	Number of guide rail rows	Single and Double Pass	Speed V m/s	Car Outer Width A mm	Car Exterior Depth B mm	Car Net Width CW mm	Car Net Depth CD mm	Hoistway Clear Width HW mm	Door Opening Width OP mm	Door Opening Width ROP mm	Shaft Clear Depth HD mm	Top Height K mm	Pit Depth S mm
3000	2 Columns	Single-pass	0.5	2200	2800	2132	2562	3600	1800	2000	3100	4700	1500
		Double-pass, Through	0.5	2200	2800	2132	2392	3600	1800	2000	3100	4700	1500
	6 Columns	Single-pass	0.5	1800	3300	1732	3062	3200	1600	1800	3600	4700	1500
		Double-pass, Through	0.5	1800	3300	1732	2892	3200	1600	1800	3600	4700	1500

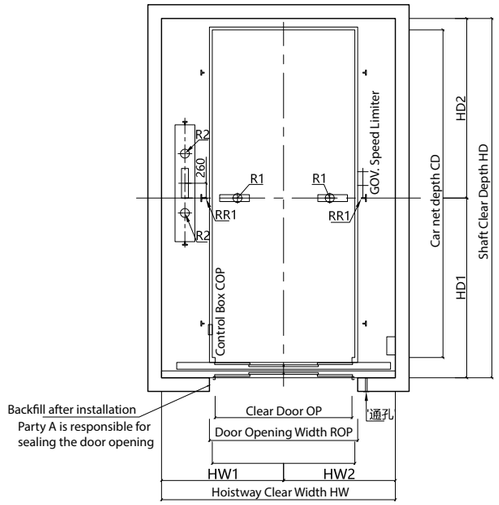
Please contact sales if necessary.

Note: DO NOT SCALE THIS DRAWING, UNLESS OTHERWISE STATED.

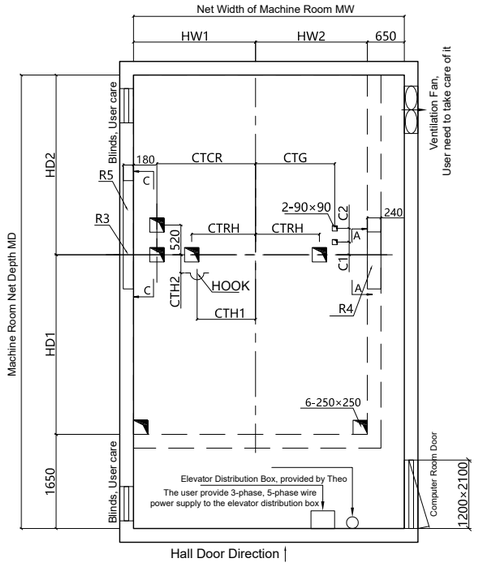
XO-TQJ CAR Elevator 3000kg



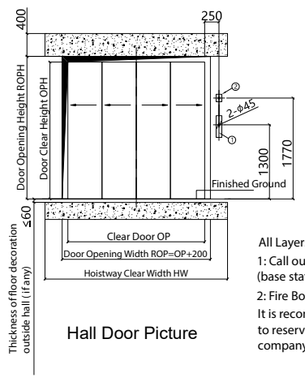
Shaft Elevation Section



Shaft Plan



Machine Room Hole Diagram



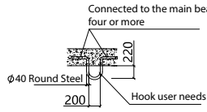
Hall Door Picture

All Layers

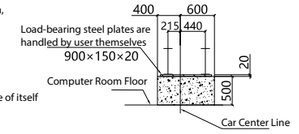
1: Call outside to set up base station lock (base station lock is only set at the base station)

2: Fire Box, only base station settings

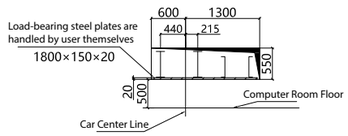
It is recommended that customers use PVC pipes to reserve all holes on site. Please ensure the company's net size requirements.



Hook Details



A-A Load-Bearing Pier



C-C Load-Bearing Pier

◎ Work that Party A must Complete

1. The construction inside the hoistway and the hoistway wall must meet fire protection requirements, power supplies, etc. and holes unrelated to the elevator must be applied.
2. When there is a space accesssible to personnel under the bottom of the pit, the counterweight buffer can be installed on a solid pile pier that extends all the way to the ground, or you can ask the elevator manufacturer to install a counterweight safety gear.
3. Before the elevator is installed, all landing door openings must be equipped with safety protection enclosures with a height of not less than 1.2 meters, and sufficient strength should be ensured.
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6. When the distance between the sills of two adjacent floor doors exceeds 11 meters, a safety door that cannot be opened into the hoistway should be installed in between. The size of the safety door shall not be less than 350mm wide x 1800mm high.
7. The pit should be waterproof. If there is a puddle of water, it should be located at the corner of the wall.
8. According to the requirements in the technical parameter table, pull the power supply to the distribution box in the computer room and install a protected switch and lock it. The power supply fluctuation range should not exceed ±7%. The neutral wire and ground wire of the power supply should be separated. The resistance value is not greater than 4Ω. If the leakage protection function is added, it is rocommended that the rated residual current is 500mA.
9. All loads indicated in the figure include impact corrections unless otherwise noted. The strength of the merging wall and pit must be able to withstand the forces shown.
10. Party A is responsible for the items marked in the picture (embedded steel plates, etc.) and need to be set-up in advance.
11. The temperature in the computer room should be maintaned at 5~40°C. The computer room should be flat and must be able to withstand a floor standard value uniform live load of not less than 7.0KN per square meter. When the floor heights of the computer rooms are different and 500mm apart, stairs or steps should be set up, and guardrails should be set up.
12. The pit buffer concrete piers should meet the stress requirements and be made under the guidance of professional elevator installers.
13. For other requirements, please refer to the building and wiring requirements.

Load Capacity (kg)	Speed (m/s)	Car Net Size CW x CD (m/m)	Net Door Opening Dimensions Width OP x Height OPH (m/m)	Net Dimension of Hoistway Width HW x Depth HD (m/m)	Net Dimension of Machine Room Width MW x Depth MD (m/m)	HW1 (MM)	HW2 (MM)	HD1 (MM)	HD2 (MM)	Supporting Force (KN)						Other Positioning Dimension (m/m)							Pit Depth S (m/m)	Top Height K (m/m)
										R1	R2	R3	R4	R5	RR1	CTG	CTCR	CTRH	CTH1	CTH3	C1	C2		
3000	0.5	2500x5746	2400x2400	4100x6300	4750x7950	2140	1960	3150	3150	144	186	294	150	58.5	180	1390	1730	1080	1025	320	222	240	1500	4800

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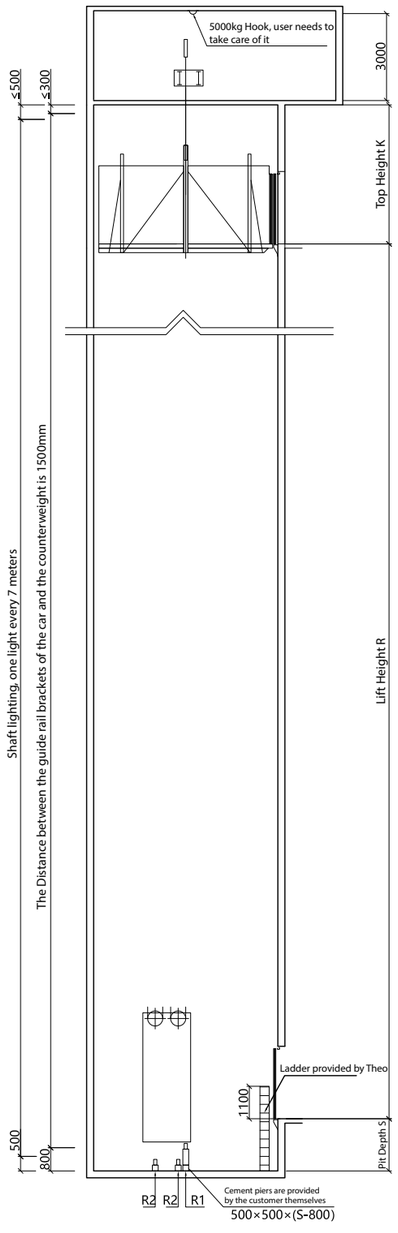
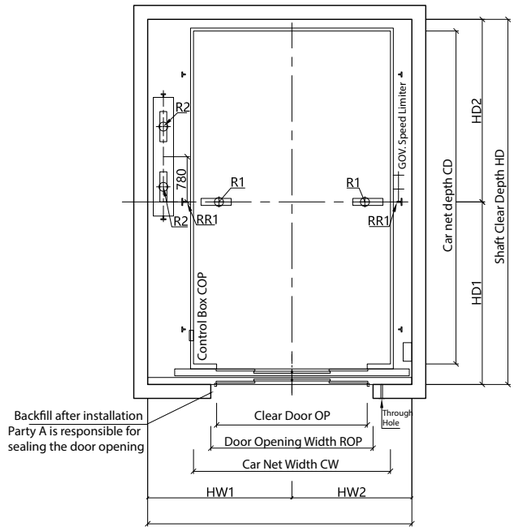
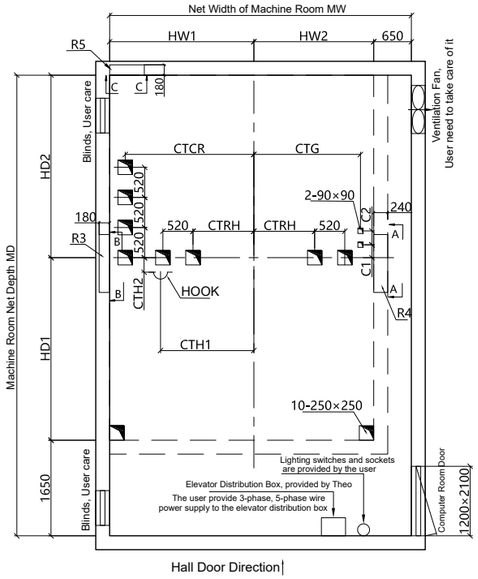
XO-TQJ CAR Elevator 5000kg



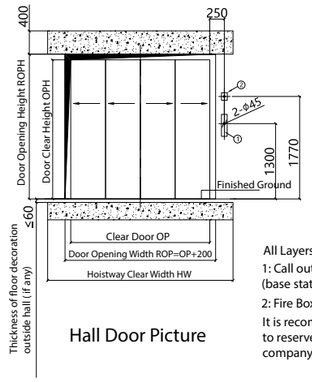
Shaft Elevation Section



Shaft Plan



Hall Door Direction



Hall Door Picture

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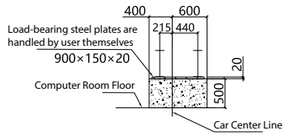
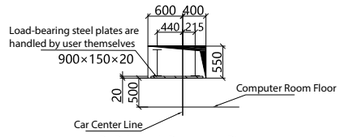
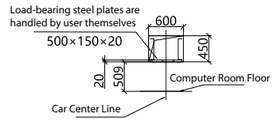


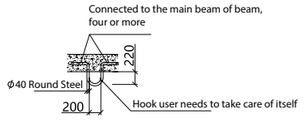
A-A Load-Bearing Pier



B-B Load-Bearing Pier



C-C Load-Bearing Pier



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Load Capacity (kg)	Speed (m/s)	Car Net Size CW x CD (mm)	Open Door Net Dimension Width OP x Height OPH (mm)	Net Dimension of Hoistway Width HW x Depth HD (mm)	Machine Room Net Size Width MW x Depth MD (mm)	HW1 (MM)	HW2 (MM)	HD1 (MM)	HD2 (MM)	Supporting Force (KN)						Other Positioning Dimension (m/m)							Pit Depth S (m/m)	Top Height K (m/m)
										R1	R2	R3	R4	R5	RR1	CTG	CTCR	CTRH	CTH1	CTH3	C1	C2		
5000	0.25 0.5	3400x5746	2600x2400	4560x6300	5210x7950	2490	2070	3150	3150	206.6	260	405	226	81.2	237.5	1840	2220	1050	1611	250	222	240	1500	4800

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