

OH5000

Gearless Series Elevator



OTIS

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OH5000 2012-1-1

OTIS

OH5000



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XIZI OTIS

As the largest joint venture of OTIS Elevator Company , Xizi Otis has developed fastest with greatest potential.

Xizi Otis boasts the largest yearly escalator and travelator capacity of more than 5000 units.

And the annual elevator production capacity is over 33,000 units.

In 2010, nearly 30,000 elevators and escalators (China included) have been provided to worldwide, covering more than 60 countries & regions.

OH5000

OH5000 is a classical product of Xizi Otis, marking a milestone in gearless elevator technology development. At present, OH5000 is leading the gearless elevator market in China, with advantage of high efficiency, space saving, energy recovering and riding comfort.

OH5000

OH5000 Gearless features



High efficient and Regenerative

A new gearless machine dramatically enhances efficiency and reduces operational costs.

Compact machine and space saving

The smaller machine and space saving design bring more flexibility.

Riding comfort

Excellent machine and controlling system bring pass relaxing experience.



Safety

OTIS safety standard ensure the passengers' safety and the elevator's running on the rails.



Today OH5000

OH5000 dominates the gearless elevator market in China, with sales of over 10,000 units

2002 OH5000

XOEC.SIT develops the OH5000 gearless elevator, marking a milestone in gearless elevator technological development

2000 Gen2

Otis creates the revolutionary GEN2 elevator lifting system

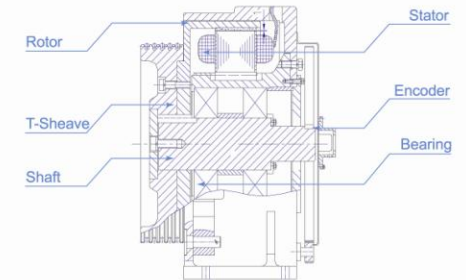
1999 XO-Star

Introduction of the high quality, low cost XO-STAR series elevator

1997 XO21VF

Combining American Otis technology with Xizi elevator components, Xizi Otis create their first joint venture product

Excellence of OH5000 GETM Machine



The lanthanon permanent magnet material ensures performance and lifetime of machine.

External-rotor greatly reduces machine size and weight, increase efficiency.

AC synchronous drive improves elevator start, brake and acceleration.

High Reliability: Without the traditional gear box, gearless system requires no maintenance and lubrication to permit longer life time than others.

Excellent Performance

Load:1000kg Speed:1.75(m/s)

| | Geared machine | OH5000 |
|--|----------------|--------|
| • Nominal rotate speed(rpm) | 1305 | 167 |
| • Motor capacity (kw) | 14 | 11.7 |
| • Nominal current (A) | 40 | 14.8 |
| • Nominal voltage (V) | 320 | 513 |
| • Machine room average noise level dB(A) | 68.3 | 57.6 |
| • Oil consumption (L) | 15 | 0.0 |

OH5000

High efficient and Regenerative



ACD2 Controller

ACD2 Controller System, which adopts GECB as the nucleus module of the elevator's controller system and utilize OTIS reliable Serial Communication Network and CANBUS, connects all parts of elevator firmly. OTIS new regenerative drive is also installed in the controller and would feedback the converted power to internal grid.

When elevator car is moving down with heavy load, or moving up with light load, OTIS Regen technology can convert the reduced system potential energy to electricity. OTIS Regen technology can also filter the regenerated electricity and make it clean enough to be re-used.

Perfect Performance in Energy-saving

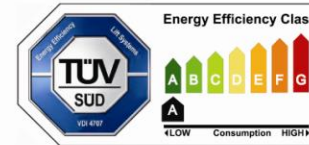
VDI established its VDI 4707 standard to clearly assess elevator energy efficiency taking into account factors such as load, speed, frequency of use and travel height-both during travel and standby modes.

An elevator's energy efficiency is rated using seven different classes from A to G, where A represents the highest energy efficiency and G the lowest energy efficiency. VDI measures energy efficiency based on usage category on a scale from 1 to 5, where 1 represents low-usage elevator and 5 represents high-usage elevator.



Environment Friendly

The converter unit of the drive can modulate the feedback energy by Plus-Width Modulation (PWM) to the power will have the same frequency (50Hz) and voltage(380V) as the building's grid.



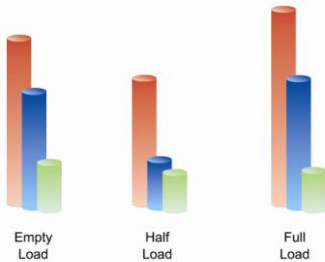
The OH5000 installed an office building and an university in Hangzhou, made an excellent performance in the VDI 4707 testing. The energy efficiency of OH5000 in these locations have both reached Class A.

Energy Saving

Modeling and simulation results show that Otis regenerative drives uses up to 70 percent less energy than non-regenerative drives for equivalent elevator motion.

- Non-Regenerative + Induction Geared Motor
- Non-Regenerative + Gearless Motor
- OH5000

Energy Consumption



| Location | Type | Load (kg) | Speed (m/s) | Number of Stops | Rise (m) | Travels time per day | Usage Category | Travel Class | Standby Class | Efficiency Class |
|-----------------|--------|-----------|-------------|-----------------|----------|----------------------|----------------|--------------|---------------|------------------|
| Office Site | OH5000 | 1350 | 2.5 | 26 | 99.2 | 6 | 5 | A | C | A |
| University Site | OH5000 | 1150 | 1.75 | 16 | 49.8 | 6 | 5 | A | C | A |

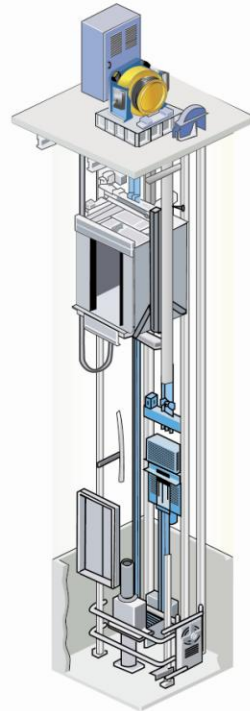
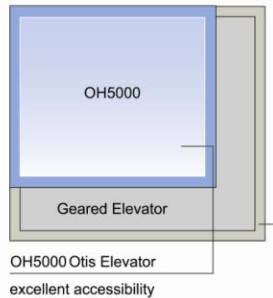
OH5000

Compact machine and space saving

GETM machine is designed for OH5000 to save more space. The smaller machine can meet a wide range of customer needs with flexible architectural arrangement options.

External rotor greatly reduces machine size and weight.

Small machine room provides more space for customer.



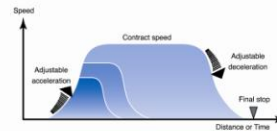
Door System

Door operator system represents a passenger's first interface with a vertical transport system. They must be safe, efficient and dependable.

Door operator system of NGSOK adopts OTIS core technology. Superior reliability of NGSOK enhances a building's overall lift performance. Infra-red Curtain Door Protection offers maximum protection for passenger safety.



Riding comfort



The excellent performance of gearless machine makes the elevator running calmly with less magnetic noise and vibration.

Machine brakes and some sound isolation pads are specially designed to reduce noise.

OH5000 adopts Regen Variable Frequency System to ensure the operating preciseness. Smooth star-up leveling enables you to enjoy your riding experience without unconscious vibration.

The Otis Real-time Response dispatching system and advanced micro-processor modular control system fully understand your waiting mentality with concern about feeling of passengers.

Safety



OH5000 keep to OTIS Safety Standard, ensure passengers' safe as per OTIS E3 policy.

E3 is an Otis global policy for safety components. The requirements cover safety components design, manufacturing, qualification and traceability, which captured the most severe requirements among all major International elevator codes and industry requirements. E3 compliance audit is led by Otis Worldwide Engineering, and approved by Otis world headquarter.

| | OTIS E3 Policy | European & China Code |
|-------------|------------------------------------|------------------------|
| Governor | 25 times tripping test | 20 times tripping test |
| Safety Gear | 25 times freefall and runaway test | 4 times free fall test |
| Buffer | 100 times strike test | 6 times strike test |

OH5000

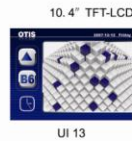


COP

Optionl Display
7" TFT-LCD



Button



COP

COP:COP2
Faceplate:Hairline stainless steel®
Button:BR27A
CPI:7" TFT-LCD
Optional COP:COP1,COP8-P

Standard Configurations

Wall:2130 Painted steel with color W1001
Door:Painted steel with color W1001
Car Floor Type:4901PVC



Note:
① When car panel is 2130, the default finish of COP faceplate is in the same as car panel's finish.
② More aesthetics choices please refer to Aesthetics Brochure.

Hall Call Panel



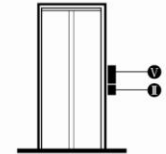
HBP11-A
HBP11-STN



LCD Type: 4.3" STN-LCD
Material: Hairline st. steel



HBP
Standard HBP:HBP11-STN
Optional HBP:HBP11-TFT,
HBP11-B,HBP2



HBP11-TFT



LCD Type
Material
Interface

4.3" TFT-LCD
Hairline st. steel
UI 2



4.3" TFT-LCD
Mirror st. steel
UI 15

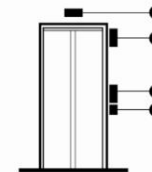


4.3" TFT-LCD
Hairline st. steel
UI 16



4.3" TFT-LCD
Mirror st. steel
UI 18

HBP 11-B



● Hall Position Indication
● Parking Key Switch
● Hall Lantern
● Separated Hall Button Box

OH5000

| Function | Description | (S) |
|---|--|-----|
| ACP-model 1-Anti Crime Protection-model 1 | Anti-Crime Protection forces each car in the group to stop at a pre-determined floor and open its door. This allows a security guard or receptionist at the floor to visually inspect the passengers of the elevator before the car completes its run. Model 1-ACP is activated via installation parameters. | |
| ALARB-Alarm Bell | An alarm sound signal will be given out to the outside in specific conditions | |
| ANS-Anti-Nuisance Car Call Protection | If there is only one passenger in the car, and an excessive number of car calls is registered, nuisance is detected and all car calls will be cancelled, requiring registration of a proper number of calls | |
| CBC-Cancel Error Calls | Before the car starts, the registration of a car or operation can be cancelled by double click of this button. After the car starts, registration cancel will not allowed for the sake of passengers safety. | |
| CCM-Passing Chime in Car | On the top of the car, a bell ring will be given out when the car stops approaches at the destination floor. | |
| CFT-Cafeteria Time | More open time for the cafeteria floor to meet with the requirement of the extra passenger flow. | |
| DCP-Delayed Car Protection | If the door opened for a predetermined time due to constantly pressing the hall call button or other reasons, the elevator will be forced to close to respond other signals. And in case the elevator fails to carry out DCP force-closure, the elevator will stop and the inside or outside calls will be cancelled automatically. And the elevator will recover to normal operation till it detects the door is closed naturally. | |
| DOB/DCB-Door Open/Close Button | The door open/close button in the car operating panel permits to open/close an automatic door, and to keep it open/close by constant pressure. | |
| DOBL/DCBL-Door Open/Close Button Light | Door Close/Open Button will be highlighted if the buttons are pressed. | |
| DTC-Door Time Protection Close | If the car door does not close completely within an adjustable time (default 20s- should be longer than the nudging time) after the door close command, the elevator will remove itself from group operation, i.e. Extinguish hall or car direction lanterns. Hall calls will be assigned to other elevators in the group. Open its doors and sound the buzzer in the car-operating panel. Attempt to close the doors again after 10s. After three unsuccessfully retries, the car will be shut down with its doors open and deenergized. Pending car calls will be cleared. The 'DTP' door time protection lamp will light. | |
| DTO-Door Time Protection Open | If the car door does not open completely within an adjustable time (default 20s) after the door open command, the elevator will remove itself from group operation, i.e. Extinguish hall or car direction lanterns. Hall calls will be assigned to other elevators in the group. Optionally the buzzer in the car operating panel will sound. Close its doors and run in the current direction to the next landing, it will reverse at the terminal landings and move in the new direction. It will stop at the next floor and open its doors. After three retries at consecutive landings, the car will be shut down with its doors closed. Pending car calls will be cleared. The 'DTP' door time protection lamp will lights. | |
| ELTU- Emergency Light | Emergency light in the car will start whenever there is a power cut. | |

| Function | Description | (S) |
|------------------------------------|---|-----|
| ERO-Electrical Recall Operation | Emergency electrical operation is obligatory for machines where the manual effort to raise the fully loaded car exceeds 400 N. Normal mains or standby power supply is required for "ERO". | |
| FCL-Full Collective Operation | All car and/or hall calls registered are answered in the order in which the landings are reached. Direction of travel will be established by the first car command /hall call registered. All calls on its way will be served, irrespective of the time sequence in which the calls were registered. | |
| ICU-3 Intercommunication Unit | The intercom system is primarily an emergency alarm device, which by definition is required to call for outside assistance if necessary. It shall be activated by the alarm button in the car operating panel. | |
| LNS-Load Non Stop | When a car is loaded to a predetermined percentage of its capacity, it is considered "full". The car will bypass further hall calls. Additional passengers would be unable to enter. | |
| NTSD-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. | |
| OHT-Drive Overheat Protection | Self-protection mode will be achieved if the temp of the motor exceeds the preset value due to the heat made by motor itself or the high temp in the environment. The car stops at the nearest floor, unload and shut down the light and ventilation device; once the temp falls down to normal, the car will recover. | |
| LWS-Overload Protection | If the load exceeds the rate load, the sound signal will be given out by speaker, and 'OVER LOAD' will be displayed, the car door will not close, the elevator will not start. | |
| RLEV-Relevelling Operation | Stopping errors shall be corrected by relevelling. | |
| PKS-Parking And Shutdown Operation | The PKS switch is a two position key switch. Upon activation of the park switch: the car returns to the designated landing ;it will make normal car stops ;registered hall calls will be assigned to another car of the group, in simplex operation they will be canceled upon arrival, its doors will open to enable passengers to exit. They remain open, until the "CHT" timer expires. Then the doors will close for parking; upon arrival, its doors will open to enable passengers to exit. They remain open, until the "CHT" timer expires. Then the doors will close for parking; the door open button "DOB" will remain operative; fan and light protection "FLP" will turn off the car light and fan. It will resume normal operation when the parking switch is switched back. | |
| PRK-Parking | Elevators in a same group will park on different floors once spare in order to shorten the response time. | |
| RIN-Re-initialize | When the power recovered from a cut, position signals cannot be given or the position cannot be detected, the car will move to lobby and reinitiate. After that the floor info can be displayed and the elevator backs to normal. | |
| TCI-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. | |

OH5000

| Function | Description (O) |
|---------------------------------|--|
| ADO-Advanced Door Opening | In order to accelerate traffic, automatic door opening starts while the elevator car approaches a landing. |
| ATT-Attendant Service | The Attendant Operation feature allows semi-automatic operation with manual control. |
| ARED-Automatic Rescue Device | This device is used for rescue operation in case of power shutdown, it is powered by a rechargeable battery, when a sudden power 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. |
| DCL-Down Collective Operation | The system has UP hall buttons at the bottom floor and/or at the main landing only, all other floors have DN hall buttons only. |
| DHB-Door Hold Button | Pressure on the Door Hold button 'DHB' in the car operating panel opens the door and keeps the door open for a specified adjustable door hold time. For group control, When a certain elevator is in door-open ready state, system will automatically distribute call signals to other elevators to manage. |
| EDP-Electronic Door Protection | Electronic door protection 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. |
| EFO-Emergency Fireman Operation | Upon recognition of fireman's service, a car shall return non-stop to the designated return landing and park with the doors fully open. Optionally the doors shall be closed again after 15 seconds with the door open button operational. |
| EPO-Emergency Power Operation | This feature can only be used if the building is equipped with an emergency power generator. In case that regular power supply shuts down, the power supply of cars turns to Emergency Power, then cars in group except cars in inspection mode run to defined landings (or next landings,) one by one. After arrival to rescue position, the cars open doors and let passengers out. It's available to define a part of cars in group for normal service during EPO which is needed by some users. The return to full normal operation is done automatically when regular power supply is reestablished. |
| HCM-Hall Chime | The Hall Chime fixture can be a substitute for hall lanterns and gong boards. It includes up and down lanterns, and a speaker. |
| GROUP-Group Control Function | Two or more elevators in same series should adopt this function for better response performance, avoiding repeated response, shorten the system response. |
| HCC-Hall Call Cancel | This feature allows the passenger to delete a hall call if a hall button was accidentally pushed. Hall call is deleted if the hall button is pushed twice again (within approximately 1 second). This function can ON/OFF by parameters on the Job-site based on the customer's requirement. |
| ISC-Independent Service | This function is designed for meeting customers' special needs. When switched on independent service the elevator will only answer any registered car call deviating from group control, regardless of the hall calls while opening or closing the door by manual control and operating according to customers' registered signals. |

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| Function | Description (O) |
|---|---|
| BA-Building Monitor Ports | Elevators with BA function can provide scattered elevator status for computed management of the buildings, such as running directions, floor numbers, safety signals, door signals. |
| SSM-Speech Synthesis Module | The speech synthesis option converts car position and direction information into an audible announcement as the elevator arrives at a landing. As the landing is reached the floor name is announced for the benefit of elevator passengers who are visually impaired. As the doors open to the hallway the committed car direction is also announced for the benefit of prospective passengers in the hall who are visually impaired as well as confirmation of direction for existing passengers. |
| AUTO-PKS-AUTO Parking Operation | AUTO-Parking Operations will be on if this function is enabled. Start/Lock will be carried out auto-matically when the Real Time Clock reaches a designated time zone. This designated time can be adjusted by parameters on the Job-site based on the customer's requirement. |
| EFS - Emergency Fireman's Service Automated | EFS shall automatically place the car on independent service when the elevator is at the designated return landing from Phase I with the doors fully open. |

| Function | Description (O*) |
|--|---|
| AMS - Area Monitoring Screen | It can be installed in the porter's lodge, simply display the condition signals by LED indicators and lock/unlock the elevator. |
| EFS2-Emergency Fireman's Service Manual | "EFS" function isn't provided for abroad client at present, but the EFS electrical interface can be supplied. While the switch with lock is positioned start, EFS will be triggered to clear all the hall calls, and the car will response only to commands from the car, to go with the fireman elevator. |
| MIT&MOT-Moderate Incoming & Outgoing Traffic | Aiming at relieving the traffic peak in the building, for example, morning peak or evening peak, all the elevators on service at lobby will be activated once the load reached a predetermined value(generally 50%), and this model will continue at the predetermined peak times.(this function only available to triplex and group control) |

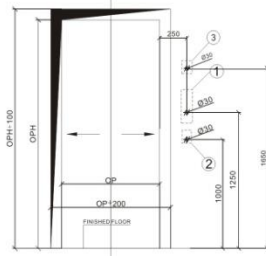
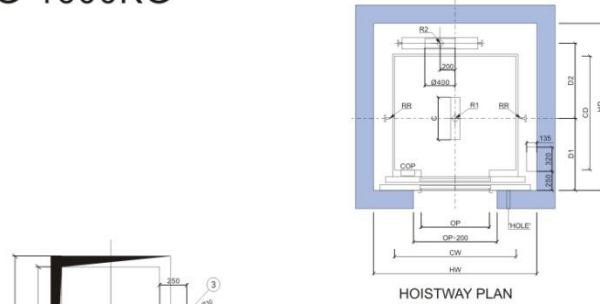
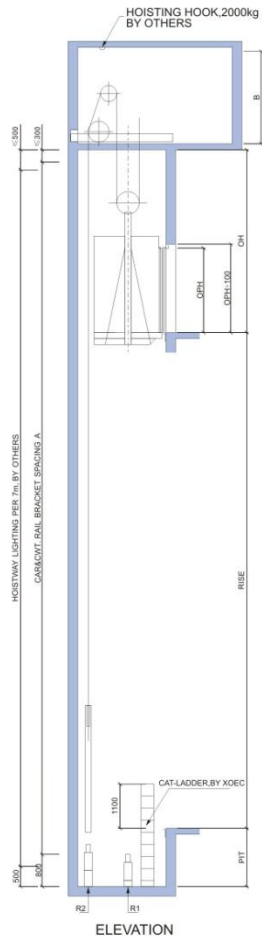
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Remarks:

- S=Standard
- O=Option
- O*=Need confirmed by factory

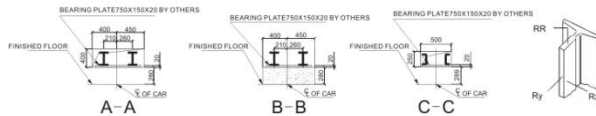
OH5000

OH5000 LAYOUT DUTY LOAD:800KG-1600KG



- 1.HB & HPI
- 2.PARK SW. ONLY FOR MAIN LANDING
- 3.ONLY FOR FIRE SW SELECTED AT MAIN LANDING

FREE HOLE FOR HALL FIXTURE,INTERIOR DIA.
Ø30MM PVC PIPE RECOMMENDED,30MM PVC PIPE RECOMMENDED



- Done by the owner & builder**
- The hoistway should be exclusively used for the lift. It should't contain cables or devices etc. other than for the lift. Hoistway and all parts attached to it should meet the requirement for fire protection.
 - The vertically tolerance of the hoistway should be ranged as follows: when rise is 0~30m,0~+25mm; when rise is 30~60m,0~+30mm; when rise exceeds 60m,0~+50mm. And the minimum horizontal dimension of the whole rise is regarded as the hoistway size marked in the layout.
 - If accessible spaces do exist below the car and the counterweight, the base of the pit should be designed for an imposed load of at least 5000N/m², and the counterweight should be equipped with safety gear.
Note: Lift hoistways should preferably not be situated above a space accessible to persons.
 - Safety protection barrier with enough strength which height is not less than 1.2m should be placed in front of all entrances of hoistway before lift installed.
 - Enclosed hoistway should be provided with perforated ventilation openings in the upper or lower hoistway, and the ventilation opening should be at least 1% of the available hoistway area.
 - The reserved hole for landing door, hall call units etc. should be filled in after installation.
 - We prefer concrete hoistway. If you adopt brick structure, concrete beam of 300mm in height should be made in the hoistway wall where the guide brackets will be fixed in. Meanwhile, there should be concrete girders of 300mm in height with the same width as the hoistway's, locating upper and lower the edge of landing door hole.
 - When the distance between consecutive landing doorcills exceeds 11 m, intermediate emergency doors of a minimum width of 300mm and a minimum height of 1800mm should be provided, which should not be opened towards inside of the hoistway. And the door should conform to the EN81.1 Standard.
 - The pit should be impervious to infiltration of water. If there is a splash, it should be installed in the corner of the pit.
 - According to requirement of the technical parameter sheet, the power supply should be placed in the switch box with protection switch and locked off. The fluctuation of the power supply should be less than ±10%. The neutral conductor and the protection conductor should always be separate, and the ground resistance should be no more than 4 Ω.
 - Hoistway wall and pit should withstand the loads marked in the layout.
 - The matters (bearing plate etc.) prepared by users should be used in the layout to pre-embedded.
 - The temperature in the machine room should be maintained between5~40℃. Machine room floor should be approximately level and withstand average load of 7.0kN per square metre.
 - User should set up rescue guardhouse. Each lift should be provided with a 3-pair twisted wiring cable or 6-wiring shield cable used as interphone cable (each wiring is not less than 0.75mm²). CAT-5 cable is acceptable if the above two kinds of cable are not available.
 - For steel landing door sill support, the thickness of landing floor decoration should less than 60mm.
 - If leakage protection function have been applied. The residual current circuit breaker shall have a minimum tripping current of 500mA.

| Load (kg) | SPEED (m/s) | Net car size CWxCD | Net opening OpXOPH | Net hoistway size HWxHD | Machine Room size MWxMD | PIT STD (mm) | PIT MIN (mm) | OH STD (mm) | OH MIN (mm) | D1 | D2 | L1xL2 | L3 | Other Size(mm) | | RAIL R(KN) | | | | | | | | | | Pit R(KN) | | Machine R(KN) | | | | | Max floors | Max Rise (m) |
|-----------|-------------|--------------------|--------------------|-------------------------|-------------------------|--------------|--------------|-------------|-------------|------|------|---------|------|----------------|-------|------------|-----|-----|----|------|------|-----|-----|----|----|-----------|----|---------------|----|----|----|-----|------------|--------------|
| | | | | | | | | | | | | | | L4xL5 | L6xL7 | A | B | C | D | RR | Rx | Ry | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | | |
| 800(750) | 1.0 | 1400x1350 | 800x2100 | 1900x2000 | 2150x2600 | 1450 | 1300 | 4500 | 4350 | 835 | 960 | 135x460 | 803 | 200x240 | 2500 | 2300 | 520 | 200 | 25 | 0.54 | 0.81 | 84 | 68 | 49 | 46 | 10.6 | 36 | 105 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4600 | 4500 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 1650 | 1500 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| 900 | 1.0 | 1600x1350 | 900x2100 | 2150x2100 | 2450x2700 | 1450 | 1300 | 4500 | 4350 | 835 | 960 | 135x460 | 903 | 200x240 | 2500 | 2300 | 520 | 200 | 29 | 0.67 | 0.91 | 96 | 76 | 54 | 40 | 11.8 | 24 | 75 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 1450 | 1300 | 4500 | 4350 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| 1000 | 1.0 | 1600x1500 | 900x2100 | 2150x2200 | 2450x2800 | 1450 | 1300 | 4500 | 4350 | 947 | 1013 | 135x480 | 903 | 200x240 | 2500 | 2300 | 560 | 200 | 30 | 0.55 | 1.1 | 100 | 80 | 60 | 40 | 12.5 | 24 | 90 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 1450 | 1300 | 4500 | 4350 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| 1150 | 1.0 | 2000x1350 | 1100x2100 | 2600x2100 | 2900x2700 | 1450 | 1300 | 4500 | 4350 | 835 | 1030 | 165x505 | 1103 | 200x240 | 2500 | 2500 | 560 | 250 | 37 | 0.92 | 1.06 | 132 | 108 | 77 | 56 | 16.8 | 36 | 105 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 1450 | 1300 | 4500 | 4350 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| 1350 | 1.0 | 2000x1550 | 1100x2100 | 2600x2300 | 2900x2900 | 1450 | 1300 | 4500 | 4350 | 947 | 1118 | 165x505 | 1103 | 200x240 | 2500 | 2500 | 560 | 250 | 40 | 1.1 | 1.54 | 140 | 112 | 81 | 57 | 17.5 | 24 | 75 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 1450 | 1300 | 4500 | 4350 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| 1600 | 1.0 | 2000x1750 | 1100x2100 | 2600x2500 | 2900x3100 | 1450 | 1300 | 4500 | 4350 | 1047 | 1218 | 165x505 | 1103 | 200x240 | 2500 | 2500 | 560 | 250 | 44 | 1.31 | 2.03 | 156 | 124 | 91 | 62 | 19.3 | 24 | 90 | 16 | 50 | | | | |
| | 1.5 | | | | | 1550 | 1400 | 4700 | 4550 | | | | | | 36.5 | | | | | | | | | | | | | | | | | | | |
| | 1.75 | | | | | 1550 | 1400 | 4800 | 4750 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | 2050 | 1900 | 5100 | 4950 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |
| | 2.5 | | | | | 1450 | 1300 | 4500 | 4350 | | | | | | 36 | | | | | | | | | | | | | | | | | | | |