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PANORAMIC ELEVATOR
观光电梯系列



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Lincoln elevator

LINCOLN[®]
林肯电梯

www.lincolnelevator.com.cn

技术创新 开启空间绝美享受

Technical Innovation, Starting Beautiful Spatial Enjoyment

永磁同步无齿轮曳引机 Permanent magnet synchronous gearless traction machine

绿色·节能·宁静

- 林肯电梯主驱动采用更安全高效的永磁同步无齿轮曳引机,使传动效率提升50%。同时采用碟式制动器,内含8颗强力制动弹簧,比传统制动器的制动力矩更大,吸合电流更小,机械故障率更低,安全性更高。
- 采用永磁同步无齿轮曳引机,与一般传统技术相比,可节省能源40%。
- 无需更换油脂,无油污染,超低噪音,为您营造宁静的乘坐空间。

Green, energy saving, silent

- LINCOLN elevator's main drive adopts safe and highly efficient permanent magnet synchronous gearless machine, improving transmission efficiency by 50%. At the meantime, it adopts butterfly brake, with eight strong brake springs contained with greater braking torque than that of traditional brake, smaller attracting current, low machinery malfunction rate and higher level of safety.
- Adopt permanent magnet synchronous gearless machine, which can save resource by 40% than general traditional technology.
- There is no need to change grease, with no oil pollution, low noise, creating for you quiet space.

LINCOLN 林肯电梯 永磁同步无齿轮曳引机

绿色·节能·宁静

Permanent magnet synchronous gearless traction machine, green, energy saving, silent

50%
传动效率提升

8颗
强力制动弹簧

40%
节省能源

超低
噪音



光幕门安全保护系统 Light curtain door protection system

灵敏·迅捷·安全可靠

- 采用红外线发射接收器,在电梯门口形成一幅红外保护网。
- 灵敏的光束传感器,可检测到任何进入其探测平面的人或者物,并对其作出灵敏反应。
- 不仅为电梯乘客提供最大程度的安全保障,而且增强了整个电梯系统的可靠性。

Delicate, rapid, safe and reliable

- Adopt infrared ray acceptor, forming an infrared protection net at the door of elevator.
- Sensitive light beam can detect people or things entering into inspecting planar, and make sensitive reaction.
- Which can not only provide safety guarantee for passengers to the largest extent, but also increases reliability of overall elevator system.

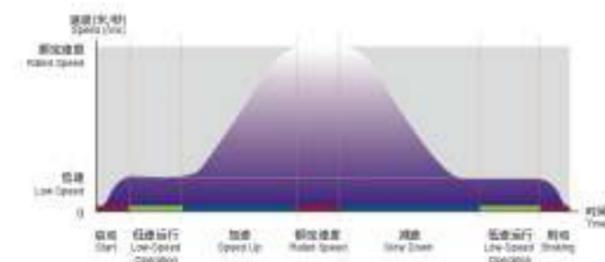
VVF变频技术 VVF frequency technology

平稳·精准·安静舒适

- 林肯电梯先进的VVF矢量变频技术,可按人体舒适度要求适时进行速度调节。
- 高速数字式信号处理系统,对曳引机的速度更为灵敏精确,将电梯振动降至极限。
- 最新的低噪音控制技术,大大的降低了电梯噪音,使电梯运行宁静、平稳。

Stable, precise, quiet and comfortable

- LINCOLN elevator adopts advanced, VVF vector frequency technology, which can make speed adjustment based on comfort of human body.
- High-speed digital signal processing system, whose speed as to tractor is more flexible and accurate, reducing elevator vibration to the minimum.
- Latest low noise control technology greatly reduces elevator noise, making elevator operation quiet and stable.



观光电梯 演绎流光溢彩, 诠释尊贵典范

Panoramic Elevator, Performance Flowing Light And Color, Explaining Honorable Model

技术创新 领略风景之上的壮美

Technical innovation,
experiencing elegance of sceneries

林肯观光电梯吸收国外电梯对于电梯的极致要求, 在安全、平稳、时尚之间创造一种前所未有的绝美体验, 为城市带来新鲜的上下享受。适用于酒店、大型商场、商务大楼等不同场所。

LINCOLN Panoramic elevator attracts extreme requirements of foreign countries as to elevators to create a kind of unprecedented beautiful experience among safety, stability and fashion, bring about fresh enjoyment up and down to city, which is applicable to different places like hotel, large scaled shopping mall, and business buildings and so on.



- 国际领先的工业设计理念: 美国流行时尚元素 • 国内外著名大师亲自设计 • 颠覆电梯设计的美学革命。
- 轿厢装潢自选系统: 精英团队精心打造 • 极富视觉冲击力和产品特色 • 定期更新优化系统。
- 灵活多变的选项配置: 100多种不同材料和配件可供选择 • 适合新建或改建的大楼使用。
- 独一无二的定制服务: 根据建筑风格、特点重新设计 • 独一无二, 专门定制 • 建筑外观与电梯风格完美契合。
- Internationally leading industrial design idea: American fashion elements; design by famous master home and abroad; overturning aesthetic revolution of elevator design.
- Lift car decoration self-selected system: Elite team creates elaborately, rich in visual impact and product features; regular updating and optimization of systems.
- Flexible option configuration: More than 100 different materials and parts for selection; be applicable to newly built and rebuilt building.
- Unique customized service: Redesign based on construction style, features, unique, special customization; perfect matching between construction appearance and elevator style.

观光电梯规格表 Panoramic elevator specification

型号 Model	载重 (kg) Capacity	准载人数 Person	速度 (m/s) Speed	提升高度 (m) Traveling height
LC/O8000	630-2000kg	8-26	1.0-4.0	200
LC/MO8000	630-2000kg	8-26	1.0-3.5	200

无机房观光电梯 空间创新, 承载城市至美风景

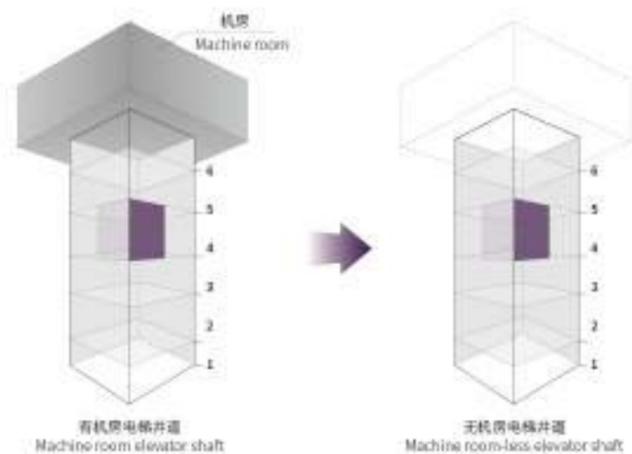
Machine Roomless Panoramic Elevator, Innovative Space Bearing Beautiful Sceneries In City

没有了机房限制, 你拥有的比你想象的更多

Without restriction of machine room, you get more than what you imagine

原来的机房空间, 重新利用装饰, 可以是小储藏室, 也可以是空中小花园。只需预留井道空间, 建筑设计时空间规划更自由, 大大减轻建筑工程师压力。
After redecoration, the original machine room space can be a small warehouse or a small hanging garden. It only needs to preset the well space. It is freer in designing the building space. It thus greatly reduces the pressure of the architectural engineers.

空间集约专家, 独立的井道空间, 无需机房
Intensive specialist of the space independent well space needs no machine room



林肯无机房观光电梯是林肯根据现代城市空间需求所研发制造的一款经济型观光电梯。通过对传统电梯的整体结构进行优化升级, 将原来机房内的装置全部转移到井道内, 形成了一并式安装标准, 为建筑大大减少了空间需求量, 提升了建筑的空间价值。

LINCOLN machine roomless panoramic elevator is an economical sight-seeing elevator that has been researched into, developed and produced by LINCOLN according to the requirements of modern city space. Through optimizing and upgrading overall structure of the traditional elevator, it transfers all the original machine room devices into the well. It forms one well style installation standard. It greatly reduces the space requirements for the building, enhances the buildings' space values as well.

轻巧外型: 采用无机房结构, 将控制柜与曳引机灵活置于井道, 可自由利用宝贵的建筑空间。

低噪运行: 无齿轮曳引机驱动, 无振动, 低噪音, 营造静谧的乘梯环境。

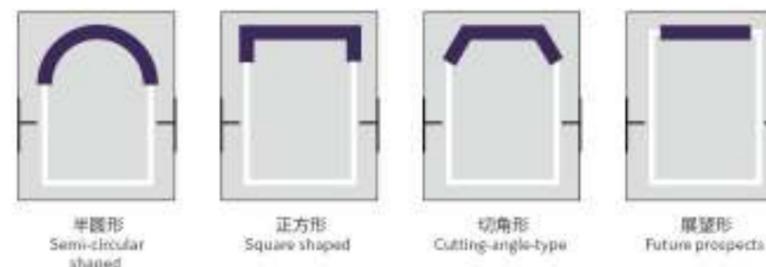
节能环保: 采用多重节能技术和装置, 最高节能可达60%。

Light and handy appearance: Adopt no machine room structure; place control cabinet and tractor flexibly in well, which can take advantage freely of precise construction space.

Operation with low noise: Gearless machine for driving with no vibration, noise, creating tranquil Ride environment.

Energy saving and environmental friendly: Adopt multiple energy conservation technologies and devices, with energy conservation reaching 60%.

多种观景视野, 满足您更多的需求
Multiple panorama fields of vision satisfy more and more of your requirements



半圆形
Semi-circular shaped

正方形
Square shaped

切角形
Cutting-angle-type

展望形
Future prospects

轿厢装潢

Car Decoration

XLCO-15 >>>

(选择配置 Optional configuration)

- 上下罩: 钢板烤漆
- 观光壁: 圆形夹胶安全玻璃(3块)
- 吊顶: 钢板烤漆框架, 亚克力顶板, 筒灯
- 轿壁: 发纹不锈钢
- 轿门: 发纹不锈钢(蚀刻)
- 扶手: 不锈钢单管
- 地板: PVC地板

Upper / lower hood: Painting steel panel
 Panorama wall: Round laminated safety glass (3PCS)
 Ceiling: Painting steel panel framework, acrylic plate, downlight
 Car wall: Hairline stainless steel
 Car door: Hairline stainless steel (Etched)
 Handrail: Stainless steel tube
 Floor: PVC Floor



XLCT41



XLCN51

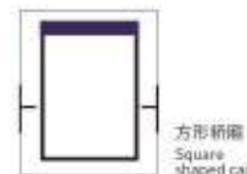


XLCEF14

请注意: 本目录产品仅供参考, 选择时请以实物为准。
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XLCT42 ^

吊顶: 在钢板喷漆底板上铺以金色筒灯与轿壁辉映, 中间部分是拱形白色透光板的柔光照明设计
 Ceiling: Painting steel panel, tube lamp on white transparent board for illumination design



XLCO-16 >>>

(选择配置 Optional configuration)

- 上下罩: 钢板烤漆加装饰灯条
- 观光壁: 夹胶安全玻璃
- 轿壁: 发纹不锈钢
- 轿门: 发纹不锈钢
- 扶手: 不锈钢单管
- 地板: PVC地板

Upper / lower hood: Painting steel panel plus decoration light strip
 Panorama wall: Laminated safety glass
 Car Wall: Hairline stainless steel
 Car door: Hairline stainless steel
 Handrail: Stainless steel tube
 Floor: PVC Floor



XLCN51



XLCEF15

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轿厢装潢

Car Decoration

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XLCO-17 >>> (选择配置 Optional configuration)

上下罩: 圆形切角钢板烤漆, 亚克力透光
观光壁: 圆形夹胶安全玻璃(3块)
吊顶: 钢板烤漆, 亚克力
轿壁: 发纹不锈钢
轿门: 发纹不锈钢
扶手: 不锈钢单管
地板: PVC地板

Upper / lower hood: Round corner-cut steel plate baked enamel, acrylic light-emitting
Panorama wall: Round laminated safety glass (3PCS)
Ceiling: Painting steel panel, acrylic
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Handrail: Stainless steel tube
Floor: PVC floor



XLCT44



XLCN01



XLCEF17



XLCT43



XLCN52



XLCEF16

XLCO-18 ^ (选择配置 Optional configuration)

上下罩: 乳白色亚克力
上下坎: 钢板立体造型, 筒灯
观光壁: 圆形夹胶安全玻璃(3块)
吊顶: 钢板烤漆顶板, 中间圆形乳白色亚克力灯饰, 后半部亚克力水晶灯点缀
轿壁: 发纹不锈钢
轿门: 发纹不锈钢
扶手: 不锈钢单管
地板: PVC地板

Upper / lower hood: Creamy white acrylic
Upper / lower sill: Steel plate 3D model, downlight
Panorama wall: Round laminated safety glass (3PCS)
Ceiling: Painting steel panel top panel, central round creamy white acrylic lighting decoration, acrylic crystal lamp decoration in the latter part
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Handrail: Stainless steel tube
Floor: PVC floor

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轿厢装潢

Car Decoration

XLCO-19 >>>

(选择配置 Optional configuration)

上下罩: 喷涂钢板
 观光壁: 圆形夹胶安全玻璃 (3块)
 吊顶: 圆形玻璃造型, 后部加筒灯的柔光照明设计
 轿壁: 发纹不锈钢蚀刻
 轿门: 镜面不锈钢蚀刻
 扶手: 不锈钢单管
 地板: PVC地板

Upper / lower hood: Painting steel panel
 Panorama wall: Round laminated safety glass (3PCS)
 Ceiling: Circle glass model, back with tube lamp for soft illumination design
 Car wall: Hairline stainless steel etching
 Car door: Mirror stainless steel etching
 Handrail: Stainless steel tube
 Floor: PVC Floor



半圆形轿厢
Semi-circular shaped car



XLCT45



XLCN02



XLCEF18

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XLCT46 ^

吊顶: 藕形荷花图案亚克力板, 后部加筒灯的柔光照明设计
 Ceiling: Water lily pattern acrylic board, back with tube lamp soft illumination design

XLCO-20 >>>

(选择配置 Optional configuration)

上下罩: 半圆亚克力冠加金属外罩及钢板喷涂围板
 观光壁: 圆形夹胶安全玻璃 (3块)
 轿壁: 发纹不锈钢
 轿门: 发纹不锈钢 (蚀刻)
 扶手: 不锈钢双管
 地板: PVC地板

Upper / lower hood: Semicircle acrylic with metal cover and Painting steel panel board
 Panorama wall: Round laminated safety glass (3PCS)
 Car wall: Hairline stainless steel
 Car door: Hairline stainless steel (Etched)
 Handrail: Pair tube for stainless steel
 Floor: PVC floor



XLCN53



XLCEF19

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半圆形轿厢
Semi-circular shaped car



有偿配置轿厢装潢

Payable Optional Configuration Car Decoration



半圆形轿厢
Semi-circular shaped car

XLCO-21 >>>

上下罩:阶梯状圆形钢板烤漆加装饰灯
观光壁:圆形夹胶安全玻璃(3块)
吊顶:圆形玻璃造型,后部加筒灯的柔光照明设计
轿壁:钛金发纹不锈钢
轿门:钛金镜面不锈钢蚀刻
扶手:不锈钢单管
地板:PVC地板

Upper / lower hood: Ladder circle Painting steel panel with decoration lamp
Panorama wall: Round laminated safety glass (3PCS)
Ceiling: Circle glass model, back with tube lamp for soft illumination design
Car wall: Titanium hairline stainless steel
Car door: Titanium mirror stainless steel etching
Handrail: Stainless steel tube
Floor: PVC Floor



XLGN54



XLCEF20



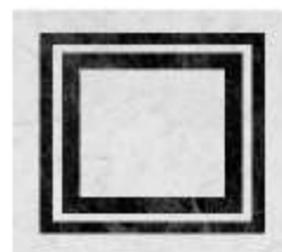
XLCT47



XLCO-22 >>>

上下罩:钢板烤漆加不锈钢围板及装饰灯
观光壁:圆形夹胶安全玻璃(3块)
吊顶:圆形工艺板造型及后部加筒灯的柔光照明设计
轿壁:发纹不锈钢蚀刻
轿门:镜面不锈钢蚀刻
扶手:不锈钢单管
地板:PVC地板

Upper / lower hood: Painting steel panel with stainless steel board and decoration lamp
Panorama wall: Round laminated safety glass (3PCS)
Ceiling: Circle board model and back with tube lamp for soft light illumination design
Car wall: Hairline stainless steel etching
Car door: Mirror stainless steel etching
Handrail: Stainless steel tube
Floor: PVC Floor



XLGN55



XLCEF21



XLCT48



半圆形轿厢
Semi-circular shaped car



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有偿配置轿厢装潢

Payable Optional Configuration Car Decoration



半圆形轿厢
Semi-circular shaped car



XLCT49

XLCO-23 <<<

上下罩: 发纹不锈钢, 灯带
 观光壁: 圆形夹胶安全玻璃 (3块)
 吊 顶: 发纹不锈钢, 亚克力, 筒灯
 轿 壁: 发纹不锈钢, 夹胶安全玻璃
 轿 门: 发纹不锈钢框架, 夹胶安全玻璃
 扶 手: 落地不锈钢圆管
 地 板: PVC地板

Upper / lower hood: Hairline stainless steel, lighting decoration
 Panorama wall: Round laminated safety glass (3PCS)
 Ceiling: Hairline stainless steel, acryl, downlight
 Car wall: Hairline stainless steel, laminated safety glass
 Car door: Hairline stainless steel framework, laminated safety glass
 Handrail: Landing stainless steel round tube
 Floor: PVC Floor



XLCN56



XLCEF22

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XLCT49 ^

吊顶: 发纹不锈钢, 亚克力, 筒灯
 Ceiling: Hairline stainless steel, acryl, downlight



半圆形轿厢
Semi-circular shaped car

XLCO-24 >>>

上下罩: 发纹不锈钢, 亚克力罩
 观光壁: 圆形夹胶安全玻璃 (3块)
 吊 顶: 发纹不锈钢, 亚克力, 筒灯
 轿 壁: 发纹不锈钢, 夹胶安全玻璃
 轿 门: 发纹不锈钢框架, 夹胶安全玻璃
 扶 手: 落地不锈钢圆管
 地 板: PVC地板

Upper / lower hood: Hairline stainless steel, acrylic cover
 Panorama wall: Round laminated safety glass (3PCS)
 Ceiling: Hairline stainless steel, acryl, downlight
 Car wall: Hairline stainless steel, laminated safety glass
 Car door: Hairline stainless steel framework, laminated safety glass
 Handrail: Landing stainless steel round tube
 Floor: PVC Floor



XLCN56



XLCEF22

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有偿配置轿厢装潢

Payable Optional Configuration Car Decoration



半圆形轿厢
Semi-circular shaped car

XLCO-25 >>>

上下罩:发纹不锈钢
观光壁:圆形夹胶安全玻璃(3块)
吊 顶:发纹不锈钢,亚克力,筒灯
轿 壁:发纹不锈钢,夹胶安全玻璃
轿 门:发纹不锈钢框架,夹胶安全玻璃
扶 手:落地不锈钢圆管
地 板:PVC地板

Upper / lower hood: Hairline stainless steel
Panorama wall: Round laminated safety glass (3PCS)
Ceiling: Hairline stainless steel, acryl, downlight
Car wall: Hairline stainless steel, laminated safety glass
Car door: Hairline stainless steel framework, laminated safety glass
Handrail: Landing stainless steel round tube
Floor: PVC Floor



XLCT49



XLCN56



XLCEF22

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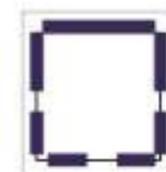
XLCT40



XLCN57



XLCEF23



方形轿厢
Square shaped car

XLCO-26 >>>

上下罩:发纹不锈钢
观光壁:夹胶安全玻璃
吊 顶:喷涂钢板,中撑小圆孔,LED灯
轿 壁:发纹不锈钢,夹胶安全玻璃
轿 门:发纹不锈钢框架,夹胶安全玻璃
扶 手:落地不锈钢圆管
地 板:PVC地板

Upper / lower hood: Hairline stainless steel
Panorama wall: Laminated safety glass
Ceiling: Painting steel panel, hole on center support, LED light
Car wall: Hairline stainless steel, laminated safety glass
Car door: Hairline stainless steel framework, laminated safety glass
Handrail: Landing stainless steel round tube
Floor: PVC Floor



请注意:本目录产品仅供参考,选择时请以实物为准。
Note: the pictures are for reference only, please confirm by actual product.

经典装饰系列

Classic Decoration Series



XLCH08-1
单梯外呼 (无底盒)
Single LOP
(Bottomless box)
XLCD07-1
单梯外呼显示
Single LOP display

XLCH05-1
单梯外呼 (无底盒)
Single LOP
(Bottomless box)
XLCD07-1
单梯外呼显示
Single LOP display

XLCH08-1
单梯外呼 (无底盒)
Single LOP
(Bottomless box)
XLCD03-1
单梯外呼显示
Single LOP display

**XCOP01
XLCS08**
标准配置
Standard configuration
段码轿内显示
Display of
segment code



XLCH08-2
并联外呼 (无底盒)
Double LOP
(Bottomless box)
XLCD07-2
并联外呼显示
Double LOP display

XLCH05-2
并联外呼 (无底盒)
Double LOP
(Bottomless box)
XLCD07-2
并联外呼显示
Double LOP display

**XCOP01
XLCS06**
选择配置
Optional configuration
段码轿内显示
Display of
segment code



XLCH08-2
并联外呼 (无底盒)
Double LOP
(Bottomless box)
XLCD03-2
并联外呼显示
Double LOP display

XCOP01 (一体式)
Integrated
选择配置
Optional configuration
面板: 发纹不锈钢
按钮: 微动式按钮
Panel:
Hairline stainless steel
Button:
Micro-buttons

请注意: 本目录产品仅供参考, 选择时请以实物为准。
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经典装饰系列

Classic Decoration Series

门套
Door jamb



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厅门
Landing door



LCM-01



LCM-02



LCM-03



LCM-04



LCM-05



LCM-06



LCM-07



LCM-08



LCM-09



LCM-10

喷涂钢板(可选颜色)
Painting steel panel (Optional color)



XLCC-01
C:2 M:3 Y:8 K:0



XLCC-02
C:21 M:3 Y:26 K:0



XLCC-03
C:35 M:34 Y:36 K:1



XLCC-04
C:9 M:20 Y:27 K:0



XLCC-05
C:2 M:7 Y:25 K:0



XLCC-06
C:14 M:9 Y:7 K:0



XLCC-07
C:7 M:8 Y:16 K:0

请注意:本目录产品仅供参考,选择时请以实物为准。
Note: the pictures are for reference only, please confirm by actual product.

基本功能

全集选控制	启动时力矩补偿	接触器反馈检测功能
满载直驶	红外光幕门保护	抱闸反馈检测功能
重新初始化运行	超载保护	自动返回基站
反向指令自动消除	驱动设备过热保护	自动泊车
错误指令取消	防犯罪保护	数字式大厅/轿内显示
本层厅外重新开门	轿厢关门延迟保护	厅外及轿内方向指示
开、关门按钮	终端楼层保护	轿厢内紧急照明
开、关门按钮灯	轿顶检修	轿厢警铃
轿厢到站钟	轿厢开门保护	机房紧急电动运行
餐厅等待	轿厢关门保护	停止开关
厅、轿门分别控制	司机操作	轿内风扇照明控制
关门等待取消	就近平层	智能IC卡系统
井道位置自学习	速度反馈检测功能	免定位
司机友好提醒	五方对讲	提前开门
制动力检测	轿厢意外移动保护装置	门锁短接检测功能

Standard function

Full sets selection elevator	Torque compensation in start-up	The reflection and detection of contactor
Full load bypass	Infrared light curtain door protection	The reflection and detection of band-type brake
Re-initialized operation	Overload Protection	Automatically return to the basic station
Automated cancellation of reverse instructions	The protection of drive equipment overheat	Automotive parking
The cancellation of false instructions	Crime-deterrent protection	Digital hall/car display
Re-open the door outside the elevator	The closing delay protection in the car	The direction instruction in the hall and in the car
Open and close buttons	The protection of terminal floor	Emergency lighting in the car
The light of opening and closing buttons	The maintenance at the top of the car	The alarm in the car
The alarm of arriving at the right floor	The closing protection of the car	Emergency electric operation of the machine room
Waiting outside the restaurant	Car door close delay protection	Stop switch
Separate control of the doors of the hall and car	Driver operation	The fan and lighting control in the car
The cancellation of close waiting	Leveling at nearest floor	Smart IC card system
The self-learning of well position	Speed reflection and detection	Free positioning
Friendly reminder of operator	Five-Party Intercom	Open the door in advance
Braking force detecting	Accidental move protection apparatus	Door lock detection function



可选功能

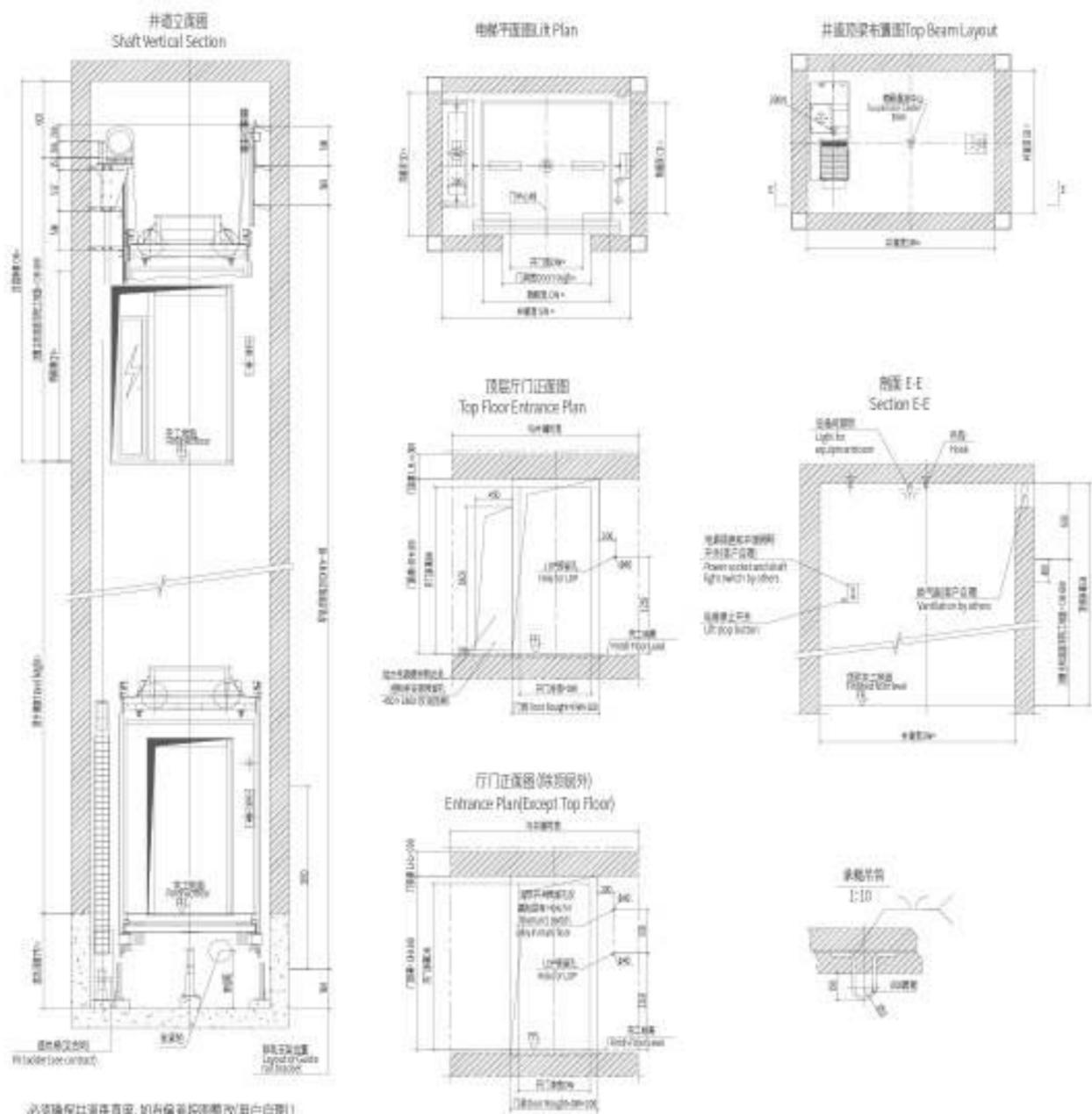
直驶	并联/群控	小区监测系统
厅外到站钟	语音报站	过站提示
电梯远程监测系统	自动再平层	下集选
光幕与安全触板保护	独立服务	消防迫降
防捣乱保护	开门保持按钮	定时开关机
地震操作	密码层服务	上、下交通高峰服务
紧急电源操作	ARD功能	超载保留呼梯指令

Optional function

Driver bypass	Group control function	Community detection system
The arrival alarm outside the hall	Voice announcement	Over floor reminder
Remote control system	Self re-leveling	Down collective control
Eye protection and safety protection	Independent service	Emergency landing
Anti-disturbance function	The Keeping Open Button	Timing switch machine
Earthquake operation (EQO)	Password floor service	Up and down peak traffic service
Emergency power operation	ARD Function	Overload reservation instruction

LC/MO8000无机房 方形观光电梯系列土建参数

Construction Parameters



必须确保井道垂直度,如有偏差按图更改(用户自理)!

Note: Do not scale this drawing, unless otherwise states. 注:此图不按比例,除另有规定。
Note: Drawings only for sales reference. Please consult technical department for formal use. 注:土建图及参数表仅供销售参考,正式使用请咨询技术部。

业主和土建承包商须注意事项

Attention of Owners and Civil Engineering Contractors

- 井道内环境温度保持+5℃~40℃之间,相对湿度不大于85%。
- 井道顶部应按图示位置安装吊钩,其承载能力≥2t。
- 将动力电源、照明电源送到厅门侧控制柜处,供电电压相对额定电压的波动应在±7%的范围内。
- 主电源开关在断开位置时不应切断以下供电电路:轿厢照明和通风,轿顶和电源插座,电梯井道照明,报警装置。
- 图中所示井道平面系用铅垂线测定的最小净空尺寸,基础时必须确保有一定余量:提升高度≤30m的井道:0~+25mm;30m<提升高度≤60m的井道:0~+35mm;60m<提升高度≤90m的井道:0~+50mm。
- 电梯安装之前,所有厅门门洞必须设有高度不小于1.2米的安全防护围封,并应保证有足够的强度。
- 电梯厅门、呼梯显示预留洞及其他预留孔洞在电梯安装完毕时需用砂浆封堵。
- 井道壁的要求(需在订货时说明):①当井道结构为砼结构时,可不设预埋件。②砖结构墙,或者框架结构墙,导轨支架安装处应在相应的位置设置预埋梁,预埋梁的高度尺寸不小于300mm,其位置为距井道顶部与底部各500mm处设置一道,中间圈梁间距分别为2000mm。③若井道结构为砖结构墙,或者框架结构墙而没有设置预埋梁,则应从距高低坎地面500mm起每2000mm在导轨安装处增加预埋铁,其预埋铁尺寸:L10x150mmx450mm。
- 各层厅门在距装修后地面2200mm以上处设置一圈梁,其梁高尺寸不小于300mm,长为整个层门侧井道宽度。
- 井道应设置永久性照明装置,井道照明应从控制柜处和底坑分别进行控制。
- 当相邻两层门地坎之间的距离超过11m时,其间应设置安全门。
- 底坑应防水,底坑深度超过1.5m时应设置一个固定梯,且此梯不应进入电梯运行空间。
- 底坑中缓冲器墩应在电梯安装人员指导下制作,在每个墩子底部应以Φ200mm圆钢预埋Φ12mm圆钢4根,并伸出地面300mm,墩子应能承受图中给出的冲击力。
- 五方对讲时,值班室对讲的接口位于电梯厅门侧控制柜附近或井道底坑,用户可根据自身需要确定对讲电话接口位置并预埋通讯线。
- 为方便电梯安装时的接地需要,井道底坑应预埋接地桩且其接地电阻≤4Ω。

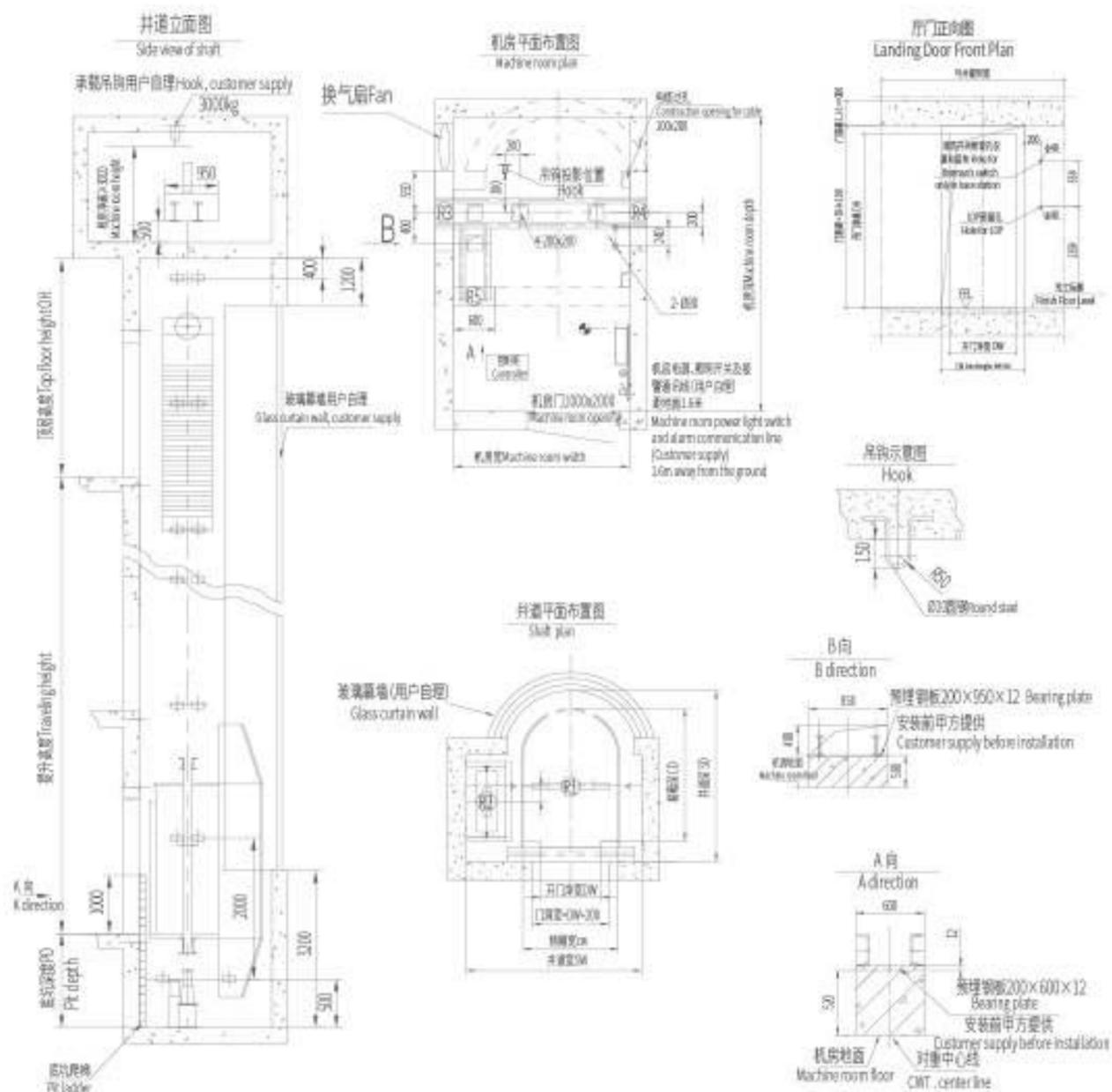
- The environmental temperature in the well shall be between +5℃ ~ 40℃ and the relative humidity shall be not more than 85%.
- The hook shall be installed at the top of the shaft according to the position of the diagram, of which bearing capacity is more than 2t.
- The power supply and the lighting power should be sent to the control cabinet of the hall door. The fluctuation of the supply voltage to the rated voltage shall be within the range of ±7%.
- When the main power in the disconnected position, the following power supply circuit should not be cut off: car lighting and ventilation, car top and power outlet, shaft lighting and alarm device.
- During the time of infrastructure, it must ensure that the clearance size determined by the plumb line of the well plane system shown in the figure have a certain margin: For shaft of hoisting height ≤ 30m, margin: 0~+25mm; For shaft of 30m<hoisting height ≤ 60m, margin: 0~+35mm; For shaft of 60m<hoisting height ≤ 90m, margin: 0~+50mm.
- Before elevator installed, all landing door holes should be guarded by safety protection enclosure (no less than 1.2m high and with enough strength).
- All construction opening should be backfilled and decorated after installation.
- Shaft wall requirements (Must be specified when ordering):
① When the well structure is a concrete structure, it doesn't need to be provided with embedded member.
② When it is the brick wall or frame structure wall, the guide rail bracket installation shall be provided in the corresponding beam position, the beam height is not less than 300mm, which should be set at 500mm from the top and bottom of the shaft and the spacing between the middle beams is 2000mm.
③ If the well structure is a brick wall or wall frame structure without beam ring, 500mm from the ground bottom, it shall increase the embedded iron at the rail frame every 2000mm and embedded iron size: 10x150mmx450mm.
- Set a beam at each door at the 2200mm above the finished ground. The beam height should be not less than 300mm, its length should be the width of the well of the entire floor.
- The shaft shall be provided with permanent lighting, and the shaft lighting shall be controlled separately from the control cabinet and the bottom pit.
- If the distance of two adjacent landing doors exceeds 11m, install a safety door in middle.
- The bottom pit should be waterproof. The pit which is deeper than 1.5m should be provided a fixed ladder. This ladder should not enter into elevator running space.
- The buffer block in the bottom pit shall be made under the guidance of the elevator operator. At the bottom of each block, it needs 4 round steel bars of Φ12mm around Φ200mm, and they are 300mm above the ground. The block should withstand the impact force given in the diagram.
- For the five-party intercom, the intercom interface of the duty room is located near the controller or the well bottom pit. The user can determine the position of the intercom telephone interface according to its own needs and pre-embed the communication line.
- For the convenience of the grounding during elevator installation, the well pit shall be embedded in grounding post and grounding resistance value should be no more than 4Ω.

额定载重 Rated Load (Kg)	额定人数 Person	轿厢尺寸 Car Dimension 宽CW×深CD×高CH(mm)	井道尺寸 Shaft Dimension 宽SW×深SD(mm)	门洞尺寸 Door Opening 宽DW×高DH(mm)	额定速度 Rated Speed V(m/s)	顶层高度 Overhead OH (mm)	底坑深度 Pit Depth PD (mm)	支承力 Supporting Force R1(KN) R2(KN)
630	8	1100×1400×2400	1950×2800	800×2100	1.0	4500	1800	88 65
					1.5	4700	1900	
					1.75	4800	2000	
800	10	1350×1400×2400	2150×2800	800×2100	1.0	4500	1800	95 75
					1.5	4700	1900	
					1.75	4800	2000	
1000	13	1600×1400×2400	2350×2800	900×2100	2.0	5000	2100	115 90
					2.5	5200	2200	
					3.0	5400	2300	
1150	15	1600×1600×2400	2400×2100	1000×2100	1.0	4500	1800	130 110
					1.5	4700	1900	
					1.75	4800	2000	
1250	16	1600×1700×2400	2400×2200	1000×2100	2.0	5000	2100	145 130
					2.5	5200	2200	
					3.0	5400	2300	
1350	18	1600×1800×2400	2400×2300	1000×2100	1.0	4500	1800	155 135
					1.5	4700	1900	
					1.75	4800	2000	
1600	21	1700×2000×2400	2600×2500	1100×2100	2.0	5000	2100	165 140
					2.5	5200	2200	
					3.0	5400	2300	
1800	24	1800×2000×2400	2700×2500	1100×2100	1.0	4500	1800	180 160
					1.5	4700	1900	
					1.75	4800	2000	
2000	26	1800×2200×2400	2800×2700	1100×2100	2.0	5000	2100	210 180
					2.5	5200	2200	
					3.0	5400	2300	

注:速度≤1.75m/s时采用轿顶轮结构,当速度>1.75m/s时采用轿底轮结构!
Note: If the speed is less than or equal to 1.75m/s, the car top wheel structure shall be adopted; when the speed is > 1.75m/s, the car bottom wheel structure shall be adopted!

LC/O8000 有机房 半圆形观光电梯系列土建参数

Construction Parameters



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业主和土建承包商须注意事项

- 井道内环境温度保持+5℃~40℃之间, 相对湿度不大于85%。
- 机房内应保持通风良好, 并设置照明和电源插座, 规格为2P+PE250V。主机房的照度不小于200Lx。同时, 照明电源与动力电源应分开。
- 机房顶部应设置位置安装吊钩, 其承载能力>2t; 机房内所有通往井道的孔洞应均匀设置高50mm的台阶。
- 将动力电源、照明电源送到机房门旁墙上电源箱, 供电电压相对额定电压的波动应在±7%的范围内。
- 主电源开关在断开位置时应用挂锁或等效装置锁住, 且不应切断以下供电电路: 轿厢照明和通风、轿厢和电源插座、机房内电源插座、电梯井道照明、报警装置。
- 井道顶部应设通风孔, 其面积不得小于井道水平截面积的1%。
- 图中所示井道平面系用铅垂线测定的最小净空尺寸, 建设时必须确保有一定余量: 提升高度<30m的井道: 0~+25mm; 30m<提升高度<60m的井道: 0~+35mm; 60m<提升高度<90m的井道: 0~+50mm。
- 电梯安装之前, 所有厅门门楣必须设置高度不小于1.2米的安全防护栏杆, 并应保证有足够的强度。
- 电梯厅门, 厅门显示装置及其他预留孔洞在电梯安装完毕时应进行回填装修。
- 井道壁的要求 (请在订购时说明): ①当井道结构为砌体结构时, 可不设预埋件, ②砖混结构, 或者框架式结构, 导轨安装架应在相应的位置设置预埋, 预埋的高度尺寸不小于300mm, 其位置为距井道顶部与底部各500mm处设置一道, 中间预埋高度分别为2000mm, ③若井道结构为砖墙结构, 或者框架式结构没有设置预埋, 则应在距底部坑底地面500mm起每2000mm在导轨安装架处埋设预埋铁, 其预埋铁尺寸: 110x150mmx45mm。
- 各层厅门楣在距装修后地面2200mm以上处设置一圈梁, 其梁高尺寸不小于300mm, 去为整个厅门楣井道宽度。
- 井道应设置永久性照明装置, 井道照明应由机房和底坑分别进行控制。
- 当相邻两层厅门地坎之间的距离超过11m时, 其中间应设置安全门。
- 底坑应防水, 底坑深度超过1.5m时应设置一个固定钢梯, 且此钢梯不应进入电梯运行空间。
- 底坑中缓冲钢梯应在电梯安装人员指导下制作, 在每个梯子上部应设φ200mm圆钢梁穿Φ12mm圆钢4根, 并伸出地面300mm, 钢子在能承受冲击中给出的冲击力。
- 本方可对讲, 当对讲时, 对讲室对讲的接口位于电梯机房控制柜附近或井道底坑, 用户可根据自身需要确定对讲电话接口位置并预接通讯线。
- 为方便电梯转向的接地需要, 井道底坑在预埋接地且其接地电阻<4Ω。

Attention of Owners and Civil Engineering Contractors

- The environmental temperature in the well must be between +5℃ ~ 40℃ and the relative humidity is not more than 85%.
- The machine room shall maintain good ventilation, lighting installation and an electrical outlet, of which specifications is 2P+PE250V. The illuminance beside the main engine is not less than 200Lx, meanwhile, the lighting power and the power supply shall be separated.
- The hook should be installed at the top of the machine room according to the position of the diagram, of which bearing capacity is more than 2t, all the construction opening in the machine room, which lead to the shaft shall be provided with 50mm high steps.
- The power supply and the lighting power should be sent to the power box next to the wall of the machine room door. The fluctuation of the supply voltage to the rated voltage shall be within the range of ±7%.
- The main power switch shall be locked with a padlock or equivalent device when in the disconnected position, and the following power supply circuit should not be cut off: car lighting and ventilation, car top and power outlet, power supply socket in the engine room, shaft lighting and alarm device.
- Ventilation holes shall be set at the top of the shaft, and the area should be no less than 1% of shaft horizontal cross area.
- During the time of infrastructure, it must be ensured that the clearance size determined by the plumb line of the well plane system shown in the figure have a certain margin: For shaft of hoisting height <30m, margin 0~+25mm; For shaft of 30m<hoisting height<60m, margin 0~+35mm; For shaft of 60m<hoisting height<90m, margin 0~+50mm.
- Before elevator installed, all landing door hoists should be guarded by safety protection enclosure (no less than 1.2m high and with enough strength).
- All construction opening should be backfilled and decorated after installation.
- Shaft wall requirements (must be specified when ordering): (1)When the well structure is a concrete structure, it doesn't need to be provided with embedded member. (2)When it is the brick wall or frame structure wall, the guide rail bracket shall be provided in the corresponding beam position, the beam height is not less than 300mm, which should be set at 500mm from the top and bottom of the shaft and the spacing between the middle ring beams is 2000mm. (3)If the well structure is a brick wall, or wall frame structure without beam ring, 500mm from the ground bottom, it shall increase the embedded iron at the sill frame every 2000mm and embedded iron size: 110x150mmx45mm.
- Set a beam at each door at the 2200mm above the finished ground. The beam height should be not less than 300mm; its length should be the width of the well of the entire floor.
- The shaft shall be provided with permanent lighting, and the shaft lighting shall be controlled separately from the engine room and the pit.
- If all distance of two adjacent landing doors exceeds 11m, install a safety door in middle.
- Pit should be waterproof. The pit, which is deeper than 1.5m, should be provided a fixed steel ladder. This ladder should not enter into elevator running space.
- The buffer block in the bottom pit shall be made under the guidance of the elevator operator. At the bottom of each block, it needs 4 round steel bars of Φ12mm around Φ200mm, and protrude 300mm above the ground. The block should withstand the impact force given in the diagram.
- For the five-party intercom, the intercom interface of the duty room is located near the elevator room control cabinet or the well bottom pit. The user can determine the position of the intercom telephone interface according to its own needs and pre-embed the communication line.
- For the convenience of the grounding during the elevator installation, the well pit shall be embedded in grounding post and grounding resistance value should be no more than 4Ω.

额定载重 Capacity	额定速度 Speed	准载人数 Person	轿厢尺寸 Car size	电机功率 Motor power	井道尺寸 Shaft size	开门尺寸 Door opening size	顶层高度 Top floor height	底坑深度 Pit depth	支承力 Supporting force				
									R1	R2	R3	R4	R5
kg	m/s	人	宽×深 CW×CD (mm)	KW	宽×深 SW×SD (mm)	宽×高 DW×DH (mm)	OH (mm)	PD (mm)	KN				
800	1.0	10	1250x1720	5.5	2300x2250	800x2100	4400	2000	110	100	70	55	50
	1.75			4600			2150						
	2.0			4900			2200						
	2.5			5100			2300						
	3.0			5450			2550						
	3.5			5800			3100						
1000	1.0	13	1350x1820	6.7	2500x2500	900x2100	4400	2000	130	120	80	65	60
	1.75			4600			2150						
	2.0			4900			2200						
	2.5			5100			2300						
	3.0			5450			2550						
	3.5			5800			3100						
1350	1.0	18	1450x2170	9	2700x2800	1000x2100	4500	2000	150	140	100	85	80
	1.75			4700			2150						
	2.0			5000			2200						
	2.5			5200			2300						
	3.0			5550			2550						
	3.5			5900			3100						
1600	1.0	21	1550x2320	10.9	2800x2950	1100x2100	4600	2000	170	150	110	95	90
	1.75			4800			2150						
	2.0			5100			2200						
	2.5			5300			2300						
	3.0			5650			2550						
	3.5			6000			3100						
1800	1.0	24	1650x2320	14.1	3100x2950	1100x2100	4600	2000	180	160	120	105	100
	1.75			4800			2150						
	2.0			5100			2200						
	2.5			5300			2300						
	3.0			5650			2550						
	3.5			6000			3100						
2000	1.0	26	1750x2520	15.1	3200x3150	1100x2100	4700	2000	210	180	140	125	120
	1.75			4900			2150						
	2.0			5200			2200						
	2.5			5400			2300						
	3.0			6100			3100						
	4.0			6300			3900						