



上海中奥房设电梯有限公司
(原上海房屋设备有限公司)

SHANGHAI ZHONG AO BUILDING EQUIPMENT ELEVATOR CO.,LTD.

总部地址: 上海市嘉定区米泉路 18 号
Headquarters Add: No.18, Miqun Road, Jiading District, Shanghai
电话 (Tel): 021-52858856
传真 (Fax): 021-52855210
Web: www.sinolift.com.cn
E-mail: contact@sinolift.com.cn



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中奥房设微信号

华北分部

North China branch

地址: 北京市顺义区右堤路 1 号 305
Add: 305, No.1 Youdi Road, Shunyi District, Beijing
电话 (Tel): 010-65259171
传真 (Fax): 010-65259171

华中分部

Central China branch

地址: 河南省南阳市人民北路东新村 3# 楼 0103 室
Add: Room 0103, Building No. 3, Dong Hua Xin Cun,
Renminbei Road, Nanyang, Henan Province
电话 (Tel): 0377-63164886
传真 (Fax): 0377-63164886

西南分部

Southwest China branch

地址: 成都市锦江区天紫界商业大厦 1211
Add: 1211, Tianzijie Commercial Building, Jinjiang District, Chengdu
电话 (Tel):
传真 (Fax):

华东分部

East China branch

地址: 浙江省宁波市范江岸路 198 弄 3 号 4 楼
Add: Floor 4, Building No.3, Alley 198, Fanjiang' an Road, Ningbo,
Zhejiang Province
电话 (Tel): 0574-87079076
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PASSENGER ELEVATOR
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公司介绍

COMPANY INTRODUCTION

上海中奥房设电梯有限公司前身为上海特种电梯厂，成立于1952年，由原美国奥的斯电梯公司，英国怡和洋行，瑞士迅达电梯公司在沪的电梯从业人员合并组成，后更名为上海房屋设备有限公司。1982年开始生产防爆电梯，1988年首批获得国家建设部颁发的电梯生产、安装许可证，并于1999年正式通过ISO9001质量体系认证。是我国最早从事电梯产品设计、开发、制造、销售、安装、维修和保养的专业电梯企业之一，是国家建设部首批电梯生产定点企业。

为进一步扩大企业规模，提高公司的生产能力，为客户提供更方便快捷的服务，为员工提供更好的办公环境，公司于2009年投入资金在上海市嘉定区建造新办公楼、厂房及试验塔，新工厂占地面积超过两万两千平方米，试验塔高度七十米，工厂分为三个超大型厂房车间，拥有包括进口日本AMADA及瑞士百超数控多工位冲床、数控折弯机、数控剪板机等一整套先进的现代化电梯制造设备，2014年3月新工厂正式投入运营。2015年2月，上海房屋设备有限公司生产经营涉及的电梯制造等业务全部转由下属全资子公司上海中奥房设电梯有限公司承接，注册资本增资为1.5亿元，实现了新的飞跃。

目前公司分别在北京、四川、河南、浙江等区域设立了分部，生产的各类电梯产品已遍布全国各地，并远销瑞典、伊朗、俄罗斯、伊拉克、孟加拉国、越南、文莱、印度尼西亚、阿联酋、巴基斯坦等国家。

今天，上海中奥房设电梯有限公司处在中国最大的商业城市与经济中心的上海，凭借着一支专业的员工队伍、雄厚的技术实力和坚实的经营资本，本着“以品质与服务为第一”的经营服务理念，不懈努力，致力于为您营造“安心、安全、舒适、节能”的乘坐感受，成为您的专属电梯定制服务专家。

Shanghai Zhong Ao Building Equipment Elevator Co., Ltd was originally Shanghai Special Elevator Factory. It was founded in 1952 by the members from Otis Elevator Company (U. S.), Jardine Matheson (U. K.) and Schindler Group (Switzerland), renamed Shanghai Building Equipment Co., Ltd. In 1982, the company started to produce Explosion-proof Elevators. In 1988, it was one of the first companies to receive the elevator manufacturing and installation certifications by Ministry of Construction. In 1999, it received the ISO9001 Quality System Certification. It is one of the first professional companies to design, develop, manufacture, sell, install, repair and maintain elevators in China. Also, it was one of the first designated elevator manufacturing enterprises approved by Ministry of Construction.

In 2009, in order to scale up to improve production, to provide better services and to create a better working environment, we built the new office building in Jiading District, Shanghai. The new company, including office building, workshops and testing tower, covers an area of 22000 m². The testing tower is 70m high. There are three super large workshops, with the advanced AMADA machines from Japan, the Bystronic CNC multi-station punching machines, bending machines and cutting machines from Switzerland. In March, 2014, the new factory was officially put into operation. In February, 2015, the elevator business of Shanghai Building Equipment Co., Ltd was completely passed on to its wholly owned subsidiary Shanghai Zhong Ao Building Equipment Elevator Co., Ltd, whose registered capital was increased to 150 million.

There are branches in Beijing, Sichuan, Henan, Zhejiang and other areas. The elevators produced by Shanghai Zhong Ao Building Equipment Elevator Co., Ltd are sold all over China and even to Sweden, Iran, Russia, Iraq, Bangladesh, Vietnam, Brunei, Indonesia, United Arab emirates, Pakistan and other countries.

Shanghai Zhong Ao Building Equipment Elevator Co., Ltd is now located in Shanghai, the largest commercial center of China. Based on its professional staff, technology advantages and solid business capital, adheres to the service philosophy of "Quality and Service First". Through continuous effort, we provide the experience of "peace, safe, comfort, energy efficiency" as your private elevator service expert.



发展历程

DEVELOPMENT HISTORY



1952 年 上海房屋设备有限公司成立，成为中华人民共和国首家电梯产品设计和供应商。

1954 年 自行设计、制造了国内第一台 0.5 米 / 秒的医用电梯，安装于上海市淮海西路空军医院。这是新中国成立以来，依靠自己的力量生产的第一台国产医用电梯。

1974 年 研制出我国第一台 1.6 米 / 秒交流调速乘客电梯，安装于上海泰兴大楼。

1982 年 为上海电视台发射塔制造、安装了运行速度为 1.5 米 / 秒、提升高度为 120 米的交流快速电梯。当时该梯提升高度为国内之最。

1983 年 为上海游泳馆设计、制造、安装了国内第一台用于 10 米跳台的低压控制防湿防腐电梯。

1983 年 为辽宁省北台钢铁厂制造、安装了国内第一套用于检修干式煤气柜的防爆电梯和专用吊笼。

1991 年 设计、制造了国内第一台型号为 KJX1 的船用电梯。该梯用于出口瑞典的龙宫饭店豪华游轮。

1996 年 设计、制造了宽 1 米、深 1.5 米、三面开门的电梯，该梯安装于上海宾馆。这种类型的电梯当时在国内绝无仅有。

1996 年 为亚洲最大、高度为 108 米的上海煤气公司 30 万立方米干式煤气柜成功配套制造、安装了防爆电梯和防爆吊笼设备。

1999 年 为中国唯一一艘能在极地海区航行的破冰远洋考察船“雪龙”号的载货电梯进行了全面的整修。

2000 年 为上海通用汽车公司设计、制造了宽 4 米、深 6 米的汽车电梯，该梯为当时国内面积最大的汽车电梯。

2005 年 为上海宝钢设计制造了当时国内提升高度最高（超过 100 米）的防爆电梯。

2005 年 企业通过改制，乘客电梯在质量、数量等各方面都上了一个新的台阶。
为常州锦阳花园、新业大厦制造、安装了客梯、杂物梯共 76 台。

2008 年 为太原卫星发射中心设计、制造并安装了 1500kg, 15 层 15 站的防爆电梯。

2009 年 公司获得了 8000kg 货梯的制造资质。
取得了 IICT4 防爆等级的防爆货梯制造资质。

2010 年 公司以优质的销售服务、合理的价格与完善的售后保障赢得河南南阳商住项目 400 余台电梯。

2014 年 公司位于上海市嘉定区安亭镇新厂正式投入运营。

2015 年 公司正式以上海中奥房设电梯有限公司的名称营业，注册资金增至 1.5 亿。

2016 年 公司为上海大世界建成 100 周年重新对外开放制造及安装无机房客梯。
公司自主研发了速度为 4m/s 的高速消防电梯。

2017 年 公司自主研发了无机房防爆梯。

公司为上海浦东新区上汽通用设计和工程技术中心定制载重 5000KG 无机房贯通门汽车梯。
中奥房设电梯跟随“一带一路”为国家级重点项目恒逸文莱 PMB 石油化工项目定制防爆电梯。

In 1952, Shanghai Building Equipment Co., Ltd was founded, being the first elevator products and services supplier of China.

In 1954, designed and manufactured the first bed lift of 0.5 m/s in China. It was installed in Air Force Hospital, West Huaihai Road, Shanghai. It was the first domestic bed lift after the establishment of China.

In 1974, the first domestic AC speed-regulating passenger lift of 1.6 m/s was designed and installed in Taixing Building, Shanghai.

In 1982, manufactured and installed an AC fast-speed elevator for Shanghai TV Tower, which has the speed of 1.5 m/s and the lifting height of 120 m. The elevator created a record of lifting height at that time.

In 1983, designed, manufactured and installed the first domestic humidity-proof and anti-corrosion elevator under low voltage for 10-meter platform in Shanghai swimming pool.

In 1983, designed the first domestic explosion-proof elevator and crane cage for inspection of dry gas cabinet.

In 1991, designed the first domestic type-KJX1 marine elevator. The elevator is used in the Dragon palace hotel luxury cruise ship exported to Sweden.

In 1996, designed the elevator with the width of 1 m, the depth of 1.5 m and with doors on three sides. The elevator was installed in Shanghai Hotel and unique in China at that time.

In 1996, manufactured and installed successfully the explosion-proof lifts and explosion-proof hanging equipment for 30,000 m³ dry gas cabinets of Shanghai gas company, which was the largest gas company in Asia and has the height of 108 meters.

In 1999, made an overall inspection and maintenance for the cargo elevators on the ocean-going research ship Xue-Long, which was the only ship that can sail in polar area.

In 2000, designed and manufactured the car elevator with the width of 4 m and the depth of 6 m for SAIC-GM, which was the car elevator with largest area in China.

In 2005, designed and manufactured the explosion-proof elevator with the largest lifting height (over 100 m) in China for Shanghai Baosteel Group.

In 2005, after reformation, the quality and quantity of passenger elevators was largely improved. The company installed 76 passenger elevators and dumb waiters for the Jinjiang-garden Residence and Xinye Building in Changzhou.

In 2008, designed and manufactured the explosion-proof elevators with the capacity of 1500 kg, 15 floors and 15 landings for the satellite launch center in Taiyuan.

In 2009, received the manufacturing certification of 8000 kg cargo elevators and the explosion-proof elevators of level IICT4.

In 2010, based on sales services, reasonable price and perfect after-sales service, we won the bid for over 400 elevators in commercial residence project in Nanyang, Henan Province.

In 2014, our new factory in Anting Town, Jiading District, Shanghai was officially put into operation.

In 2015, operated officially with the name Shanghai Zhong Ao Building Equipment Elevator Co., Ltd.
The registered capital increased to 150 million.

In 2016, manufactured and installed machine-roomless elevators for Shanghai Great World re-opening after 100 years foundation.
Got the certificate of 4.0m/s high speed fire elevator.

In 2017, developed the machine-roomless explosion-proof elevator individually.

Designed and manufactured the machine-roomless car elevator with opposite door and capacity of 5000 kg for SAIC-GM design and engineering technology center.
Supply the custom explosion-proof elevators for the Brunei PMB petrochemical project of Henyi Group which is the one Road national priority project.



重要合作伙伴

IMPORTANT PARTNERS



核心科技 CORE TECHNOLOGY



永磁同步无齿轮曳引机

永磁同步曳引机是中奥房设电梯公司开发的符合节能环保低碳理念的产品；该技术和传统技术相比，具有低碳节能，更小空间，低建筑成本，和低电梯运行成本的特点。轻松实现了曳引机免维护的要求。

GEARLESS PERMANENT MAGNETIC SYNCHRONOUS TRACTION MACHINE

Gearless Permanent Magnetic Synchronous Traction Machine is a product developed by ZALL in conformity with the concept of energy conservation, environmental protection and low carbon; As compared with the traditional technology, it is featured by low carbon, energy conservation, small space, low construction cost and low running cost, thus easily realizes the requirement of maintenance-free of traction machine.



控制技术

中奥房设电梯，采用先进的模块化电脑控制技术，集成了串行通讯网络、环型通讯网络、自诊断系统、智能化的集选，群控派梯系统等为一体的控制系统，全面提升了系统的运行效率和可靠性，为您创造最优的价值回报！

TECHNOLOGY OF CONTROL

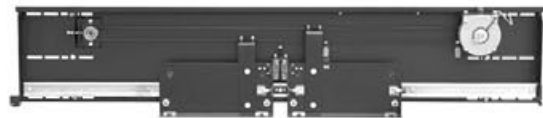
ZALL elevator adopts the advanced Computer-on-Module Control, which integrates with the serial communication network, ring communication network, self-diagnosis system, intelligent and group-control elevator dispatching system into one, thus improves the operating efficiency and reliability of system entirely and creates the best value return to you.

安全可靠，变频门机系统

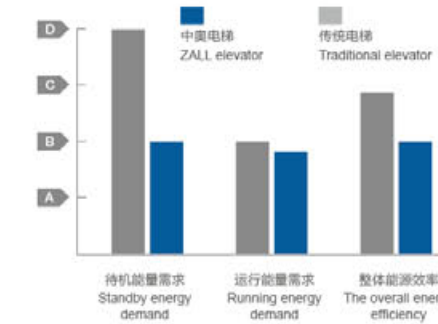
永磁变频同步门机采用最新永磁变频矢量控制技术，闭环控制，能实时监控门机运行情况；可靠性高，曲线平稳舒适；结构紧凑，井道利用率高；通用性能强；采用同步带传动，传动平稳低噪。光幕门保护系统是一种性能优异的免接触式二维光幕门保护系统。保障乘客通畅出入，乘坐安全。

SAFE AND RELIABLE FREQUENCY-CONVERSION DOOR MACHINE SYSTEM

Permanent magnetic synchronous door machine use the latest permanent magnetic frequency-conversion Vector, with the close-cycle control, it is competent to make the real-time monitoring to the operation of door machine, with the features of high reliability, stable and comfortable curve, compact structure, high availability of well hole and strong universal property; It is driven by the synchronous belt with stable and low-noise transmission. Light-curtain door protection system is a touch-free two-dimension light-curtain door protection system with an excellent performance, which can ensure the passengers to access smoothly and make the passenger use the elevator ease.



尖端智能 ADVANCED INTELLIGENCE



三重节能 绿色科技

中奥房设电梯采用三大节能设计，确保电梯真正成为低能耗使用、高效率输出的明星电梯。

TRIPLE OF ENERGY SAVING, GREEN TECHNOLOGY

ZALL elevator adopts three energy-saving design, ensure the elevator truly become the star of the low use of energy consumption, high efficiency output elevator.



远程监控网络

中奥房设电梯定期派员对您设备的运行状态进行检测，将使您的设备得到最为专业的保养。

REMOTE MONITOR NETWORK

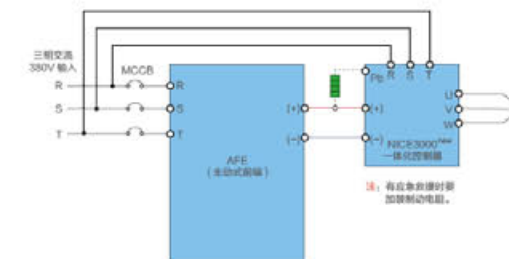
ZALL elevator regularly assigns the staff to detect your elevators travel conditions and provides your elevators with the most professional maintenance.

能量再生回馈技术（可选）

秉承“节能、环保”的产品开发理念，中奥房设电梯创造性地将能量回馈技术应用用于乘客电梯。采用当今世界最先进的能源再生理论，将电梯运行中的势能有效转化为电能以回馈电网，极大地减少对电源的谐波污染，实现能源的再生利用。

ENERGY FEEDBACK TECHNOLOGY (OPTIONAL)

Based on the product philosophy of energy efficient and environmental friendly, ZALL elevator applied the energy feedback technology to passenger elevators. The potential energy that the elevators create in running could be turned into electric energy in the electricity grid, which helps to reduce the harmonic pollution to power supply and realize energy recycling.



SMALL MACHINE ROOM PASSENGER ELEVATOR

小机房电梯

中奥房设系列小机房电梯在继承了现在高度成熟的电梯技术基础上，提升了电梯系统的可靠性与灵活性，实现了真正环保与节能的优势。采用新型永磁同步无齿轮曳引机的效率，降低了能源消耗。

ZALL series of small machine room elevator inherit the highly sophisticated elevator technology foundation to enhance the reliability and flexibility of the elevator system, to achieve real environmental protection and energy saving advantages. Using the new permanent magnet synchronous gearless traction machine efficiency, reduced energy consumption.

减少 40% 的电梯能耗

采用全球领先的永磁同步无齿轮曳引机，有效减少能耗，可以减少能耗 40% 之多，实现电梯主机免维护。

SAVING 40% ENERGY

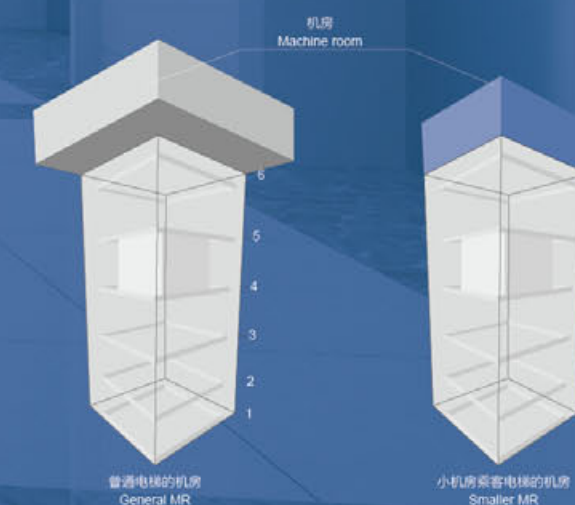
A global leader in permanent magnetic synchronous gearless traction machine, effectively reduce the energy consumption, can reduce energy consumption 40%, the realization of elevator machine maintenance free.

节约 50% 的机房面积

机房空间仅仅是电梯井道的一个延伸，因此建造方便，能耗成本低。紧凑的永磁同步无齿轮曳引机可以为机房留出更大的空间，放置其他控制设备。

SAVING 50% AREA OF MACHINE ROOM

Room space is just an extension of the elevator hoist way, so the construction is convenient, low energy consumption and cost. Compact gearless permanent magnet synchronous machine can provide room for more space, placing the other control device.



MACHINE ROOMLESS PASSENGER ELEVATOR 无机房电梯

中奥房设系列无机房电梯产品深谙环保理念，节能降耗，节约建筑面积，提高设计自由度，能充分体现绿色人文。与同等载重量级别的有机房电梯相比，节约电能 40%，节约建筑面积 10%。中奥房设电梯突破了传统电梯必须设置机房的前提。

The ZALL series elevator machine room well versed in the philosophy of environmental protection, energy saving, saving the construction area, enhance design freedom, can fully realize the green humanities. Save energy 40%, saving area 10% compared with the same capacity load MR elevator. ZALL breakthrough premise of the traditional elevator which is the machine room must be set.

节约 10% 的建筑面积

中奥房设无机房电梯占用空间进一步压缩，大大提高了建筑空间利用率。机房与井道一体化的设计，给电梯和建筑物的设计带了极大自由度。

SAVING 10% AREA OF CONSTRUCTION

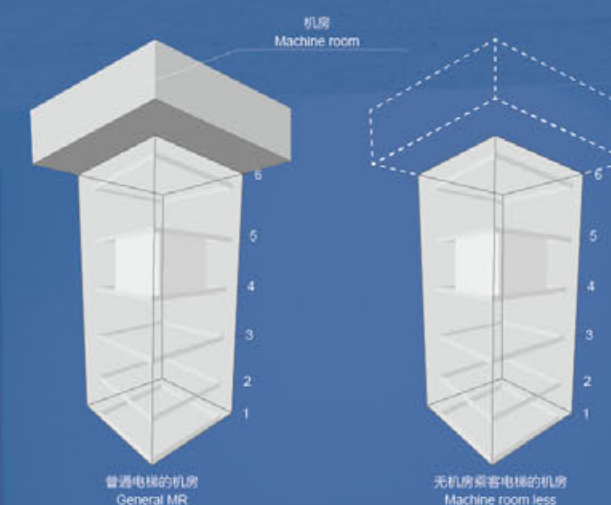
ZALL machine roomless elevator saving even more space. The combined machine room with hoist-way give the elevator and construction designer more free-dom.

减少 40% 的电梯能耗

采用全球领先的永磁同步无齿轮曳引机，有效减少能耗，可以减少能耗 40% 之多，实现电梯主机免维护。

SAVING 40% ENERGY

A global leader in permanent magnetic synchronous gearless traction machine, effectively reduce the energy consumption, can reduce energy consumption 40%, the realization of elevator mainframe maintenance free.





PANORAMIC ELEVATOR

观光电梯

构造新颖独特，外观造型精美，品位脱俗出众，全新舒适的中奥房设观光电梯富丽堂皇，让您领略现代建筑的超凡魅力和豪华气派，以 VVVF 变频驱动的节能配置，承载一个企业对社会无声的责任，以沉稳舒适的乘坐体验、风格独特的时尚外观和人性化的界面设置，充分演绎出中奥电梯对都市生活的深刻见解。

Construct novel and unique, beautiful appearance, superior quality and refined, the new comfortable ZALL magnificent sightseeing elevator, allowing you to enjoy the modern architecture of extraordinary charm and luxurious, the VVVF inverter-driven energy-saving configuration, carrying a silent corporate social responsibility to calm and comfortable ride experience, a unique fashion look and style of human interface settings, the full interpretation of the elevator for ZALL insights into urban life.

中奥房设，诠释尊贵典范

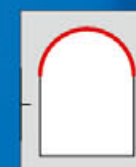
我们力求使该产品具有一种超视觉的美感，成为您整座建筑物上最炫目的风景。让它在夜幕降临之时，演绎着流光溢彩，诠释着尊贵典范。

ZALL, A MODEL FOR DIGNITY

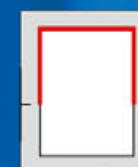
We strive to give the product super visual beauty to make it the most dazzling scenery of the whole building and make it brilliant and lustrous at nightfall, interpreting dignity.

多种轿厢形式供你选择，满足不同需求

THERE IS A VARIETY OF FORMS TO MEET DIFFERENT NEEDS.



半圆型
Semi-circular type



方型
Square type



菱型
Octagonal type



展望型
Future type

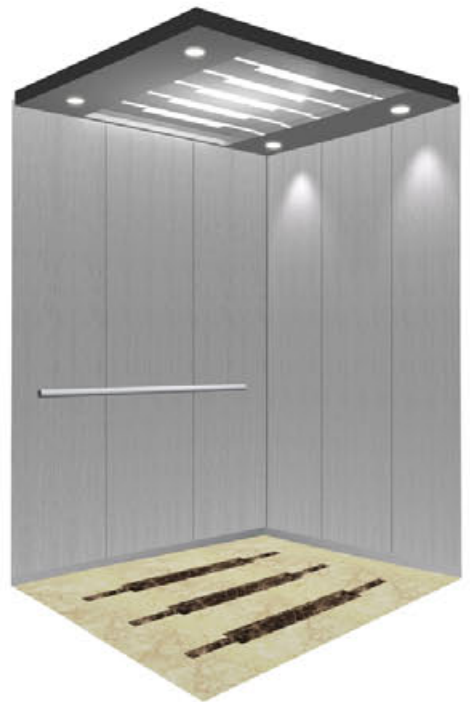
标准轿厢

STANDARD CAR DECORATION



ZA-J-001

吊顶: 不锈钢边框, LED 日光灯照明。
轿壁: 油发短丝不锈钢
地板: PVC 地板
扶手: 单圆管不锈钢 (选配)
轿门: 油发短丝不锈钢
Ceiling: stainless steel frame, LED fluorescent lamp
Car wall: oil brushed short hairline stainless steel
Floor: PVC floor
Handrail: single round stainless steel (optional)
Car Door: oil brushed short hairline stainless steel



ZA-J-002

吊顶: 不锈钢边框, LED 筒灯, LED 日光灯照明。
轿壁: 油发短丝不锈钢
地板: PVC 地板
扶手: 单圆管不锈钢 (选配)
轿门: 油发短丝不锈钢
Ceiling: stainless steel frame, LED down light, LED fluorescent lamp
Car wall: oil brushed short hairline stainless steel
Floor: PVC floor
Handrail: single round stainless steel (optional)
Car Door: oil brushed short hairline stainless steel

图片系电脑绘制, 可能与实际图有不同
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可选轿厢

OPTIONAL CAR DECORATION



ZA-J-003

吊顶: 喷粉钢板 (极光银)
亚克力装饰条 镜面不锈钢
轿壁: 发纹不锈钢 镜面不
锈钢蚀刻
扶手: 不锈钢
地板: 大理石拼花
Ceiling: mirror ST.ST.frame +
colored Acrylic + LED spotlight
Car walls: brushed ST.ST. +
mirror ST.ST.etching
Handrail: ST.ST.
Floor: marble



ZA-J-004

吊顶: 镜面不锈钢框架 亚
克力 LED 射灯
轿壁: 贴塑钢板 (胡桃木)
+ 镜面不锈钢 + 镜面不锈
钢嵌条
扶手: 不锈钢
地板: 大理石拼花
Ceiling: mirror CT.ST.frame +
acrylic + LED spotlight
Car walls: plastic
plate(walnut)+mirror stainless
steel+ strip skirting line
Handrail: ST.ST.
Floor: marble



ZA-J-005

吊顶: 镜面不锈钢框架 亚
克力
轿壁: 镜面不锈钢 镜面不
锈钢蚀刻
扶手: 不锈钢圆管
地板: 大理石拼花
Ceiling: mirror ST.ST.frame +
acrylic
Car walls: mirror ST.ST. +
mirror ST.ST. etching
Handrail: ST.ST. round tube
Floor: marble



ZA-J-006

吊顶: 镜面不锈钢框架及装
饰条、亚克力顶板、筒灯;
轿壁: 发纹不锈钢、蚀刻不
锈钢
扶手: $\Phi 38$ 不锈钢单管
地板: PVC
Ceiling: Stainless steel frame
and decoration bar, acrylic top
plate, down light
Car wall: hairline stainless
steel, etching stainless steel
Handrail: $\Phi 38$ stainless steel
single tube
Floor: PVC floor

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可选轿厢

OPTIONAL CAR DECORATION



ZA-J-007

吊顶: 不锈钢镜面板框架, 中间亚克力条形灯柱
轿壁: 炫彩 (综合材料), 浮雕大师、镜面、钛金
扶手: 镜面不锈钢管
地板: 大理石拼花

Ceiling: stainless steel mirror panel frame, acryl
Car walls: colorful(comprehensve), embossment master, mirror finish, ti-plating,
Handrail: mirror stainless steel pipe
Floor: marble



ZA-J-008

吊顶: 镜面不锈钢框架 亚克力 LED 射灯
轿壁: 贴塑钢板 (胡桃木)
扶手: 实木扶手;
地板: 大理石拼花 + 镜面不锈钢嵌条
扶手: 不锈钢
地板: 大理石拼花

Ceiling: golden brushed ST.ST. + LED spotlight + golden foil veneer + LED strip lighting
Car walls: golden brushed ST.ST. + golden mirror ST.ST. + hollow wood carving
Floor: marble



ZA-J-009

吊顶: 钛金发纹不锈钢 射灯 顶部仿金箔贴面 回光灯带
轿壁: 钛金发纹不锈钢 钛金镜面不锈钢 木饰面镂空贴面
扶手: 钛金发纹不锈钢圆管
地板: 大理石拼花

Ceiling: golden brushed ST.ST. + LED spotlight + golden foil veneer + LED Strip Lighting
Car walls: golden brushed ST.ST. + golden mirror ST.ST. + hollow wood Carving
Handrail: golden brushed ST.ST.tube
Floor: marble



ZA-J-010

吊顶: 木质框架, 顶部仿金箔贴面, LED 筒灯, 四周 LED 回光灯带
轿壁: 大理石 木饰面 车边玻璃镜
扶手: 钛金不锈钢圆管 实木组合
地板: 大理石

Ceiling: wood frame + golden foil veneer + LED spotlight + LED strip lighting
Car walls: marble + Wood veneer + beveled glass mirror
Handrail: golden ST.ST.tube + wood
Floor: marble

观光电梯可选轿厢

OPTIONAL CAR DECORATION



ZA-G-001

上下罩: 发纹不锈钢框架
观光壁: 安全夹胶玻璃
装饰顶: 亚克力工艺板, 节能灯
轿壁: 发纹不锈钢
扶手: 不锈钢圆扶手
地板: PVC 地板

Car cover: hairline stainless steel frame
Panorama tic wall: glue glass of safety clamp
Ceiling: acrylic craft board, energy-saving light
Car wall: hairline finished St/St
Handrail: round tube hairline stainless steel
Floor: PVC



ZA-G-002

上下罩: 钢板烤漆, 灯饰
观光壁: 夹层玻璃
吊顶: 镜面不锈钢, 亚克力拱形顶板、筒灯, 内置灯光
轿壁: 发纹不锈钢
扶手: $\Phi 38$ 不锈钢单管
地板: PVC 地板

Car cover: baked enamel and lighting
Panorama tic wall: laminated glass
Ceiling: mirror finished St/St, acrylic vault ceiling, down lights
Car wall: hairline finished St/St
Handrail: $\Phi 38$ hairline stainless steel tube
Floor: PVC



ZA-G-003

上下罩: 阶梯五边形钢板烤漆加装饰灯
观光壁: 发纹不锈钢
装饰顶: 中部圆形亚克力顶灯, 两侧筒灯
轿壁: 安全夹层玻璃
扶手: 不锈钢单管
地板: PVC 地板

Car cover: ladder pentagon steel plate banking finish with decoration lamp
Panorama wall: safety glass
Ceiling: middle with acrylic roof lamp, side with tube lamp
Car wall: safe laminated glass
Handrail: stainless steel tube
Floor: PVC



ZA-G-004

吊顶: 发纹不锈钢框架 + 亚克力装饰板 + LED 筒灯
轿壁: 后壁: 安全夹胶玻璃
上下罩: 发纹不锈钢
其余: 发纹不锈钢
地板: PVC

Ceiling: hairline stainless steel frame, acrylic decorative plate, LED downlight
Car wall: safety laminated glass
Upper & lower cover: hairline stainless steel
Others: hairline stainless steel
Floor: PVC

标准配置

STANDARD DECORATION

可选配置

OPTIONAL DECORATION

操纵箱 COP

操纵箱 COP

操纵箱 COP

操纵箱 COP

操纵箱 COP



COP-001

标配
Standard

外召 LOP



LOP-001



COP-002

标配
Standard

外召 LOP



LOP-002



LOP-002A



COP-003

标配
Standard

外召 LOP



LOP-003



LOP-003A



COP-004

选配
Optional

外召 LOP



LOP-004



LOP-004A



COP-005

选配
Optional

外召 LOP



LOP-005



LOP-005A

可选配外呼



LOP-006



LOP-007



LOP-008

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可选装潢

OPTIONAL DECORATIONS

厅门 LANDING DOOR



TM101
发纹不锈钢 Hairline stainless steel



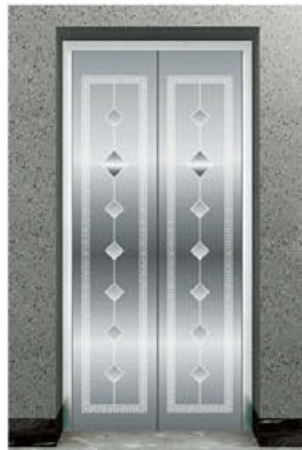
TM102
镜面不锈钢 Mirror stainless steel



TM103
发纹不锈钢, 玻璃
Hairline stainless steel, glass



TM104
发纹不锈钢蚀刻
Hairline stainless steel etching



TM105
蚀刻 Etching



TM106
蚀刻 Etching



TM107
蚀刻 Etching



TM108
钛金 Titanium



TM109
钛金 Titanium

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吊顶 CAR CEILING



CL001



CL002



CL003



CL004



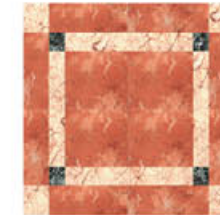
CL005



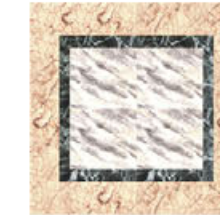
CL006

可选地板 OPTIONAL FLOOR

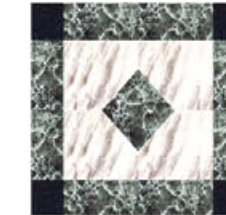
PVC 地板



FL001



FL002



FL003



FL004

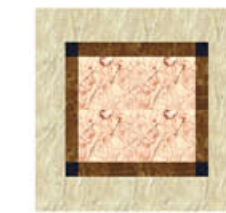
大理石地板 MARBLE



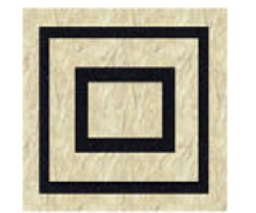
FL005



FL006



FL007



FL008

可选扶手 OPTIONAL HANDRAIL



HR001 原木与钛金组合
Combination of log and titanium gold



HR002 钛金亚光短纹不锈钢单管
Titanium Matt short stainless steel tube



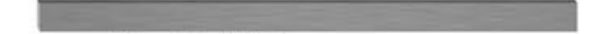
HR003 亚光短纹不锈钢单管
Short striped stainless steel single tube



HR004 不锈钢双管组合
Stainless steel double pipe combination

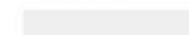


HR005 钛金不锈钢双管组合
Titanium gold stainless steel double pipe combination



HR006 发纹不锈钢扁扶手
Flattened stainless steel handrails

可选色卡 OPTIONAL COLOR



RAL1013
浅灰
Oyster white



RAL5007
亮蓝
Brilliant blue



RAL7035
火山灰
Computer gray

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电梯功能

FUNCTION TABLE

标准功能 Standard function

运行功能 Travel function	
电梯变频驱动 VVVF drive	精确调整电动机转速，令电梯启动、运行、停止时的速度曲线平稳、圆滑、获得良好的舒适感。 Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start, travel and stop and gain the sound comfort.
门机变频驱动 VVVF door operator	精确调整电动机转速、使门机的开启，关闭更轻柔灵敏。 Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop
独立运行 Independent running	根据用户需要可设置电梯不响应外召，仅响应轿内指令。 According to the users' needs, the elevator cannot respond to outer calling, it only responds to inner command in the car.
自动不停站通过 Automatic pass without stop	当轿内挤满乘客或负载接近预定值，为保持最大运行效率，该轿厢将自动越过召唤层站。 When the car is crowded with the passengers or the load is close to present value, the car will automatically pass the calling landing in order to keep maximum travel efficiency.
开门时间调整 Adjust door opening time	根据用户需要可设置开门时间。 Door opening time is apt to the users' demands.
本层重开门 Reopen with hall call	关门途中，可以按本层站召唤按钮使门重新开启。 IN the door shutting process, pressing the hall call button can reopen the door.
即时关门 Express door closing	电梯停站开门到位时，按下关门按钮，门立即被关闭。 When the elevator stops and opens the door, press door-shut button, the door will be closed immediately.
停梯开门 Car stops and door open	电梯减速平层，直到完全停稳后才开门。 The elevator decelerates and levels, the door only opens after the elevator comes to a complete stop.
轿厢到站铃 Car arrival gong	装于轿顶的电子钟的铃声告知候梯的乘客电梯已到站。 Arrival gong in the car top announces passengers the car's arrival.
防捣乱 Anti-nuisance	电梯轻载时出现超过三个指令时，为避免不必要停靠，轿厢内已登记的召唤将全部自动消除。 In the light elevator load, when three more commands appear, all the registered callings in the car will be cancelled, in order to avoid the unnecessary parking.
自动返基站 Automatic return to home	在低交通量时，无召唤信号的电梯将自动返回基站，关门等待。 In low traffic flow, the car which has no call will return to the main floor, shut the door and keep waiting automatically.
指令登记删除 Command register cancel	如按错了轿内楼层指令按钮，只要把同一按钮再按一次，就可取消已登记指令。 If floor command button in the car is pressed by mistake, press same button again to cancel the registered command.

安全功能 Safety function	
光幕保护 Photocell protection	门开启和关闭期间，用覆盖整个门高度的红外光幕探测乘客和物体的门保护装置。 In the door open and shut period, the door protection device of infrared ray that covers the whole door height is used to probe both the passengers and objects.
指定停靠 Designated stop	由于某种原因，电梯在目的层无法开门，电梯将关门运行至下一指定层楼。 If the elevator can not open the door in the destination floor out of some reason, the elevator will close the door and travel to the next designated floor.
超载停梯 Overload holding stop	轿厢超载时，鸣响蜂鸣器并停止于该层站。 When the car is overload, the buzzer rings and the elevator remains at rest in the same floor.
防止失速保护 Anti-stall timer protection	由于曳引钢丝绳打滑而无法正常运行时，电梯停止运行。 The elevator stops operation due to slippery traction wire rope.
启动保护控制 Start protection control	电梯启动后在指定的时间内，没有离开门区，电梯停止运行。 If the elevator does not leave door zone within the designated time after it gets started, it gets started, it will stop the operation.
检修操作 Inspection operation	当进入检修状态时，轿厢以低速点动运行。 When the elevator enters into inspection operation, the car travels at inching running.
故障自诊断记录 Fault self-diagnosis record	控制器的记录功能，以便快速排除故障，迅速恢复电梯运行。 With the help of this record function, faults can be restored rapidly so that the elevator can remove in a short time.
地坎杂物清除 Sill impurity removal	因地坎杂物阻碍或干扰，电梯门未能关闭，电梯门在规定时间内会重复打开关闭，把杂物清除。 If the elevator door can not shut due to sill impurity or interference, it reopens/re-shuts in the stipulated time and remove the impurity.
上下极限保护装置 Up/down over-run and final limit protection	该装置可有效地防止当电梯万一发生失控时的冲顶或蹲底现象，使电梯更安全可靠。 The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of control. If results in more safe and reliable elevator travel.

下行超速保护装置 Down over-speed protection	当电梯下降运行的速度超过额定速度的1.2倍时，该装置自动切断控制电源，使电机停止运转以阻止电梯超速下行；如电梯继续超速下行，其速度超过额定速度的1.4倍时，安全钳动作，强制电梯停止运行，保证安全。 When the elevator downs 1.2 times higher than the rated speed, this device will automatically cut off control mains, the motor running so as to stop elevator down at over-speed. If the elevator continues to down at over-speed, and the speed is 1.4 times higher than rated speed, safety clamps act to force the elevator stop in order to ensure the safety.
--	--

上行超速保护装置 Upward over-speed protection device	当电梯上行的速度超过规定的1.2倍时，该装置自动将电梯减速或制停。 When the elevator up speed is 1.2 times higher than rated speed, the device will automatically decelerate or brake the elevator.
---	---

电梯轿厢意外移动保护 (UCMP) Unintended Car Movement Protection	当电梯处于开锁区域内且开门状态下，检测到轿厢在无指令的情况下发生意外移动，系统将启动保护，立即制停轿厢。 when the car is at the door unlocked area and the door is opened, the system will be activated and stop the car immediately if the car movement is detected in the absence of command.
---	--

人机界面 Man-machine interface	
轿内及层站微动指令按钮 Micro-touch button for car call and hall call	轿内操纵箱指令按钮及层站召唤按钮采用新型微动型按钮。 Novel micro-touch button is used for operation panel command button in the car and landing calling button.
轿内层楼、方向指示 Floor and direction indicator	轿内显示电梯所在层楼及当前运行方向。 The car shows the elevator floor location and current travel direction.
层站层楼、方向指示 Floor and direction indicator in hall	层站显示电梯所在层楼及当前运行方向。 The landing shows the elevator floor location and current travel direction.

应急功能 Emergency function	
应急照明 Emergency car lighting	停电时，自动打开轿内应急照明。 Emergency car lighting automatically activated once power failure.
点动运行 Inching running	当进入紧急电动状态时，轿厢以低速点动运行。 When the elevator enters into emergency electric operation, the car travels at low speed inching running.
五方通话装置 Five way intercom	通过对讲机，可让轿内、轿顶、电梯机房、井道底坑、救援值班室之间通话。 Communication amid car, car top, elevator machine room, well pit and rescue duty room through walkie-talkie.
警铃 Bell	紧急时，连续按下轿内操纵箱上的警铃按钮，安装于轿厢顶上的电铃会鸣响。 In emergency conditions, if bell button on car operation panel is continuously pressed, electric bell rings on top of the car.

节能功能 Energy-saving function	
消防返回 Fire emergency return	启动位于基站的应急开关，所有召唤均被取消，电梯立即驶往指定救援层站停靠，并自动开门。 If you start emergency switch in main landing, all the callings will be cancelled. The elevator directly and immediately drives to the designated rescue landing and automatically opens the door.
轿厢风扇/照明自动开关 Car ventilation, light automatic shut off	在规定时间内没有召唤或指令信号，轿厢内的风扇和照明会自动关闭，以节能。 If there is no calling or command signal within the stipulated time, the car fan and lighting will be automatically closed in order to save the energy.

选配功能 Optional function

应急功能 Emergency function	
停电应急平层 Leveling when power failure	正常电源断电时，充电式电池提供电梯电源，电梯驶往最近层站。 In normal power failure, the chargeable battery supplies the elevator power, The elevator drives to the nearest landing.
地震运行功能 Seismic operation function	配有地震操作功能时，如果发生地震，地震检测装置动作，该装置有一个触电信号输入到控制系统，控制系统控制电梯就近停靠，而后开门放客停梯。 Equipped with seismic operation function, if the earthquake, earthquake detection device, the device has an electric shock signal input to the control system, control system to control the elevator nearby dock, then stop putting a customer to open the door.

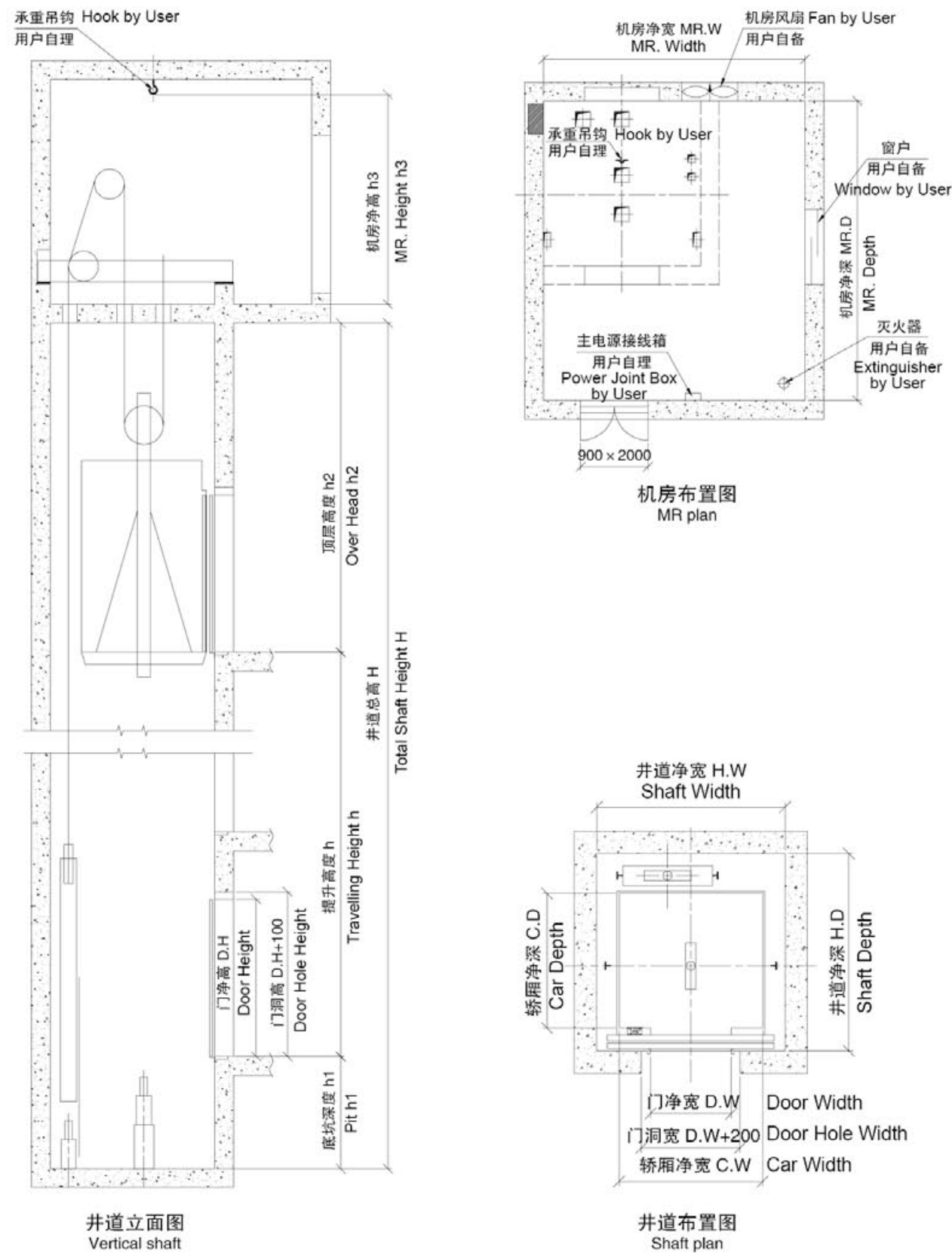
运行功能 Travel function	
直接停靠 Direct parking	完全根据距离原则，平层无爬行，大大提高了运行效率。 According to distance principle completely, the car can directly level without crawling, It greatly enhances the operation efficiency.
群控功能 Group control function	用于三台或三台以上同型号电梯成组控制时使用，电梯选择最合适的应答，避免重停梯，缩短乘客候梯时间，提高运行效率。 The group control system is used when three or more same model elevators are organized into a group to run, it can make the elevator group automatically choose the most appropriate response, avoid repeated parking, reduce the passengers' waiting time and increase the operation efficiency.
并联功能 Duplex control	用于两台同型号电梯，通过电脑的调整来统一响应召唤信号，最大限度的减少乘客候梯时间，提高运行效率。 Two sets of same model elevators can unanimously respond the calling signal through the computer dispatch, in this way, it reduces the passengers' waiting time to the greatest extent and enhances the travel efficiency as well.
能量回馈装置 Energy feedback device	将电梯运行中所产生的能量，通过装置回馈电网，以降低客户的运行成本和环境污染。 Feeding the energy generated during the elevator running and braking back to reduce the customers' operational cost and environmental pollution.
电梯休眠功能 Elevator stop function	当电梯待机一定时间，进入待机状态进入省电模式。 If the elevator waits for certain period of time without travel, it automatically stops to save power.
开门时间延长 Door open time extending	按轿厢内的专用按钮，可使门在一段时间内保持开门状态。 Press special button in the car, the elevator door keeps open for certain period of time.
提前开门功能 Open early function	当电梯在自动运行停车过程中速度小于0.3m/s,并且此时在门区信号有效的情况下，MCTC-SCB-A通过封门接触器短接门锁信号，实现提前开门，提高电梯运行效率。 When the elevator in the process of automatic parking speed is less than 0.3 m/s, and at this point in the case of valid signal effectively, MCTC-SCB-A through FengMen contactor sub lock signal, realizes the open early, improving the efficiency of the elevator.
杀菌功能 The sterilization function	在轿厢配置紫外线装置，紫外线杀菌、除尘解污、消除异味等多项净化空气功能。 In capsules with uv device, ultraviolet radiation sterilization, dust pollution, such as smoke abatement to taste many air purification function.

人机界面 Man-machine interface	
语音报站 Voice announcer	在正常运行到站的情况下，利用语音装置告知乘客有关信息。 When the elevator normally arrives, voice announcer informs the passengers about the relevant information.
轿厢副操纵箱 Car assistant operation box	用于大载重量电梯或候梯人群稠密大楼中的电梯，以便让轿厢内更多的乘客方便使用。 It is the large loading weight elevators or the elevators with crowded passengers so that most of the passengers can operate the car easily.
残疾人操纵箱 Operation box for the handicapped	便于让轿厢内坐轮椅的乘客及视觉障碍的乘客方便使用。 It is convenient for the wheelchair passengers and those who have vision problems.
IC卡控制功能 IC card control function	所有（部分）层站须经授权，方可通过IC卡输入轿厢指令运行电梯。 All (partial) landings can only input car commands through IC card after the authorization.
背景音乐 The background music	装备扬声器用于播放背景音乐或楼宇内的广播。 Equipped with speakers to play background music or radio within the building.

监控功能 Monitor function	
远程监控 Remote monitor	基于现场总线技术和远程通讯技术，监控电梯的运营状况。 The remote monitor of elevator can be fulfilled through modem and telephone, It is convenient for the makers and service units to know the travel conditions of every elevator and take corresponding measures promptly.
远程控制 Remote control	在远程监视的基础上，可对某些不影响电梯安全运行的功能实施远程控制，例如：使并联或群控电梯需要做独立运行等。 Based on remote monitor, it is capable to remote control some functions which to not affect safely of elevator's operation, such as making elevators, which are under the duplex or group control, operate independently as required.
轿内摄像功能 Camera function in the car	摄像头装于轿厢内监视轿厢内情况。 The camera is installed in the car to monitor the car conditions.

有机房客梯标准土建图

MR Passenger Elevator Layout



基本规格参数

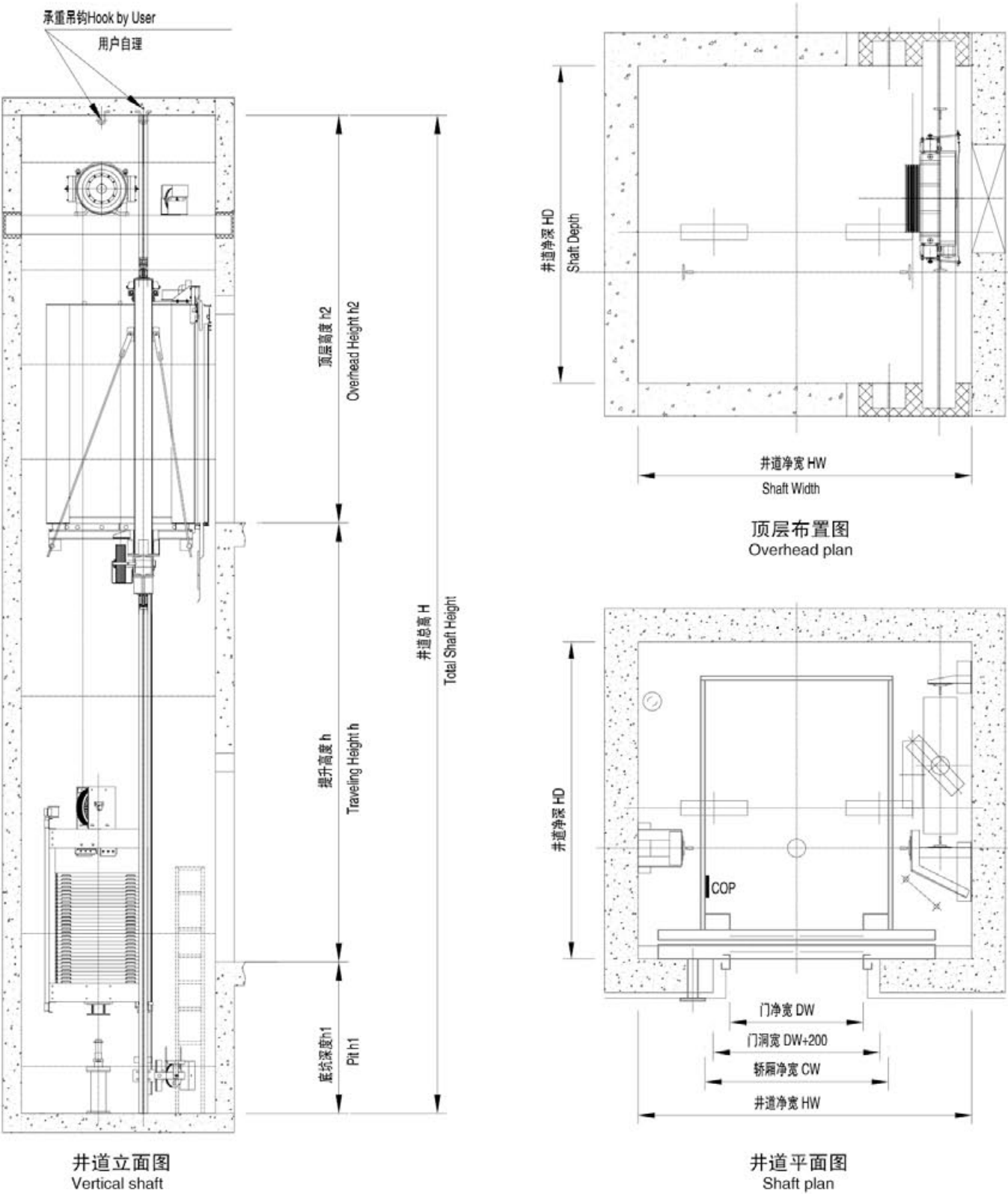
Basic specification parameters

额定载重量 (kg) Rated Load	速度 Speed (m/s)	额定人数 (人) Rated persons	轿厢净尺寸 (mm) Car Net Size C.W×C.D×C.H	开门尺寸 (mm) Door Opening D.W×D.H	井道尺寸 (mm) Shaft Net Size H.W×H.D		机房尺寸 (mm) Machine Room Size MR.W×MR.D×h3	底坑深度 h1 Pit Depth (mm)	顶层高度 h2 Overhead Height (mm)
				双扇开门 2CO	单梯 Single	双梯 Double			
630	1.0	8	1100×1400×2300	800×2100	1800×2050	3850×2050	1800×4000×2400	1500	4400
	1.5							1600	4500
	1.6							1600	4500
	1.75							1600	4600
800	1.0	10	1350×1400×2300	800×2100	1850×2050	3950×2050	1850×4000×2400	1500	4400
	1.5							1600	4500
	1.6							1600	4500
	1.75							1600	4600
1000	1.0	13	1600×1400×2300	900×2100	2100×2050	4450×2050	2100×4000×2400	1500	4400
	1.5							1600	4500
	1.6							1600	4500
	1.75							1600	4600
1150	1.0	15	1800×1500×2300	1000×2100	2400×2300	5050×2300	2400×4200×2400	1500	4400
	1.5							1600	4500
	1.6							1600	4500
	1.75							1600	4600
1250	1.0	16	1900×1500×2300	1000×2100	2500×2300	5250×2300	2500×4200×2400	1500	4400
	1.5							1600	4500
	1.6							1600	4500
	1.75							1600	4600
1350	2.0	18	2000×1500×2300	1100×2100	2600×2400	5450×2400	2600×4500×2800	2000	4900
	3.0							3200	5700
	4.0							3800	6400

注: 1、上述为土建简图, 详细尺寸以技术部提供土建图纸为准。
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Attention: 1. Above is simplified drawings. Detailed dimensions for technical department shall be according to the drawings provided by technology department.
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无机房客梯标准土建图

MRL Passenger Elevator Layout



基本规格参数

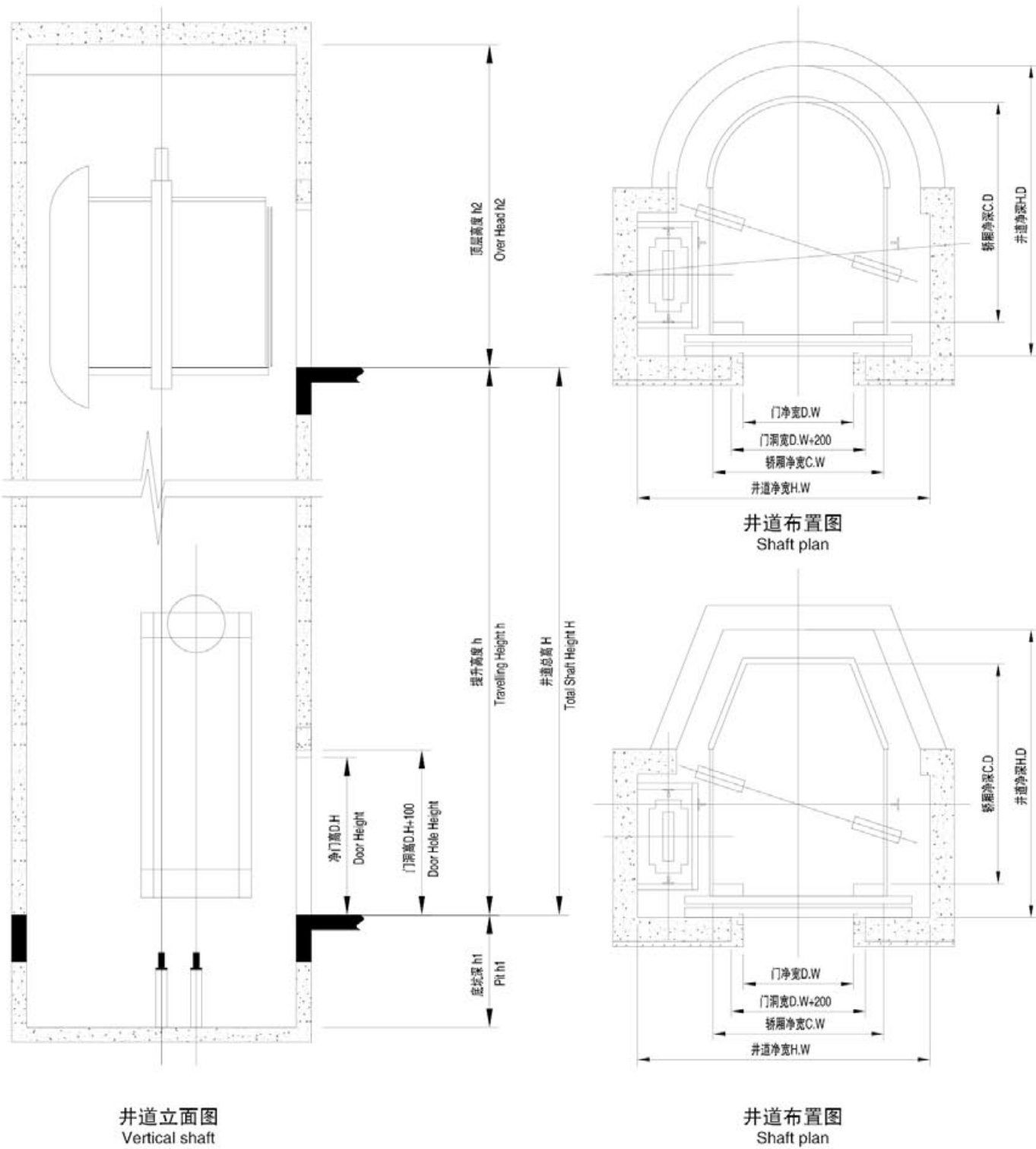
Basic specification parameters

额定载重量 (kg) Rated Load	速度 Speed (m/s)	额定人数 (人) Rated persons	轿厢净尺寸 (mm) Car Net Size C.W×C.D×C.H	开门尺寸 (mm) Door Opening D.W×D.H	井道尺寸 (mm) Shaft Net Size H.W×H.D		底坑深度 h1 Pit Depth (mm)	顶层高度 h2 Overhead Height (mm)
					单梯 Single	双梯 Double		
630	1.0	8	1100×1400×2300	800×2100	2000×1900	4250×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
800	1.0	10	1350×1400×2300	800×2100	2200×1900	4650×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
1000	1.0	13	1600×1400×2300	900×2100	2450×1900	5150×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
1150	1.0	15	1600×1600×2300	1100×2100	2550×2300	5350×2300	1600	4500
	1.5						1600	4600
	1.6						1700	4600
	1.75						1800	4700
1350	1.0	18	1850×1600×2300	1100×2100	2800×2300	5850×2300	1600	4500
	1.5						1600	4600
	1.6						1700	4600
	1.75						1800	4700
1600	1.0	21	1850×1800×2300	1100×2100	2800×2600	5850×2600	1600	4600
	1.5						1600	4700
	1.6						1700	4800
	1.75						1800	4900

注: 1、上述为土建简图, 详细尺寸以技术部提供土建图纸为准。
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无机房半圆形（菱形）观光梯标准土建布置图

MRL Semi-circle Panoramic Elevator Layout



基本规格参数

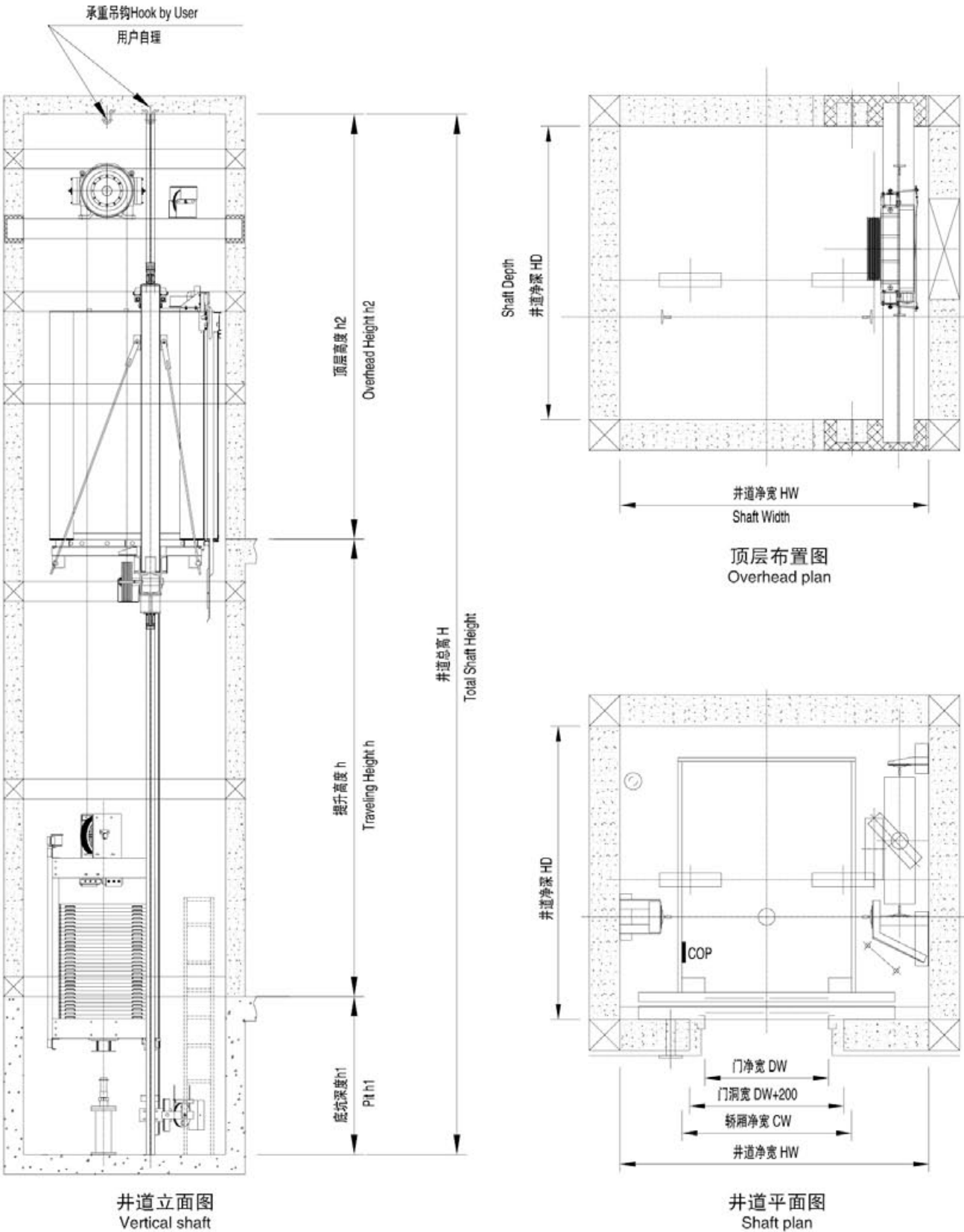
Basic specification parameters

额定载重量 (kg) Rated Load	速度 Speed (m/s)	额定人数 (人) Rated persons	轿厢净尺寸 (mm) Car Net Size C.W×C.D×C.H	开门尺寸 (mm) Door Opening D.W×D.H	井道尺寸 (mm) Shaft Net Size H.W×H.D		底坑深度 h1 Pit Depth (mm)	顶层高度 h2 Overhead Height (mm)
					单梯 Single	双梯 Double		
1000	1.0	13	1400×1800×2300	900×2100	2400×2350	5050×2350	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
1350	1.0	18	1500×2200×2300	1100×2100	2600×2750	5450×2750	1600	4500
	1.5						1600	4600
	1.6						1700	4600
	1.75						1800	4700
1600	1.0	21	1500×2400×2300	1100×2100	2600×2950	5450×2950	1600	4600
	1.5						1600	4700
	1.6						1700	4800
	1.75						1800	4900

注：1、上述为土建简图，详细尺寸以技术部提供土建图纸为准。
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无机房方形观光电梯土建布置图

MRL Square Panoramic Elevator Layout



基本规格参数

Basic specification parameters

额定载重量 (kg) Rated Load	速度 Speed (m/s)	额定人数 (人) Rated persons	轿厢净尺寸 (mm) Car Net Size C.W×C.D×C.H	开门尺寸 (mm) Door Opening D.W×D.H	井道尺寸 (mm) Shaft Net Size H.W×H.D		底坑深度 h_1 Pit Depth (mm)	顶层高度 h_2 Overhead Height (mm)
					单梯 Single	双梯 Double		
630	1.0	8	1100×1400×2300	800×2100	2000×1900	4250×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
800	1.0	10	1350×1400×2300	800×2100	2200×1900	4650×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
1000	1.0	13	1600×1400×2300	900×2100	2450×1900	5150×1900	1600	4300
	1.5						1600	4400
	1.6						1700	4500
	1.75						1800	4500
1150	1.0	15	1600×1600×2300	1100×2100	2550×2300	5350×2300	1600	4500
	1.5						1600	4600
	1.6						1700	4600
	1.75						1800	4700
1350	1.0	18	1850×1600×2300	1100×2100	2800×2300	5850×2300	1600	4500
	1.5						1600	4600
	1.6						1700	4600
	1.75						1800	4700
1600	1.0	21	1850×1800×2300	1100×2100	2800×2600	5850×2600	1600	4600
	1.5						1600	4700
	1.6						1700	4800
	1.75						1800	4900

注：1、上述为土建简图，详细尺寸以技术部提供土建图纸为准。
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服务 PROMISES



品质服务是企业长期发展的方向，在中奥，服务已经不单单是一种行为，而变成了一种责任，因为中奥在用心为客户服务。作为特种设备，每一台电梯因现场建筑井道的不同而有所不同，售前、售中、售后每一个环节的服务都非常重要，所以“服务”成为电梯市场新的核心竞争力之一。遵循这个理念，中奥以“敢为天下先”之精神，率先在全球电梯领域导入“4S 服务”概念，一种营销模式的创新，中国电梯行业营销体制的创新和服务的创新。

Quality service is the enterprise long-term development direction, in the ZALL, the service has not only is a kind of behavior, and become a kind of emotion, for the ZALL we service for customers. As the special equipment, each elevator for on-site construction shaft varies, pre-sale, sale and after-sale services in every sector is very important, so the "services" as a new one of the core competitiveness of the elevator market. Following this idea, the ZALL, in a spirit of "pioneer" take the lead in the field of global elevator import "4S" service concept, a kind of marketing mode innovation, China's elevator industry marketing system innovation and service innovation.

中奥以诚信为经营理念，“诚信、专注”是根植于中奥人的共同服务信念，真正让客户体会到中奥带给您的上下享受。中奥 4S 服务——新型营销模式的创新，代表着整个中国电梯行业服务体制的创新和改革。使中奥电梯真正实现了由卖产品到卖品牌，再到卖服务的理念飞跃。

我们有理由相信中奥 4S 服务之营销模式的理念将真正深入人心。为客户真正认识、认知电梯市场，认识电梯产品发挥巨大的推波助澜作用，为推动电梯产品在中国市场的普及发挥巨大的作用。

ZALL by the good faith for the business philosophy, "Honesty, Rights" is rooted in the ZALL are common service faith, really let customers experience ZALL brings you up and enjoy. ZALL 4S service - the new marketing mode innovation, representing the entire Chinese elevator industry service system innovation and reform. The ZALL elevator really realized by selling products to selling brand, the concept of service to sell. We have reasons to believe that ZALL 4S the concept of service marketing model will really deeply rooted in the hearts of the people. For the customer real know, cognitive elevator market, know the elevator products play a huge role, in order to promote the popularity of the elevator products in China market play a huge role.

