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STAR ELEVATOR GROUP

STAR elevator, a necessary part of your building!



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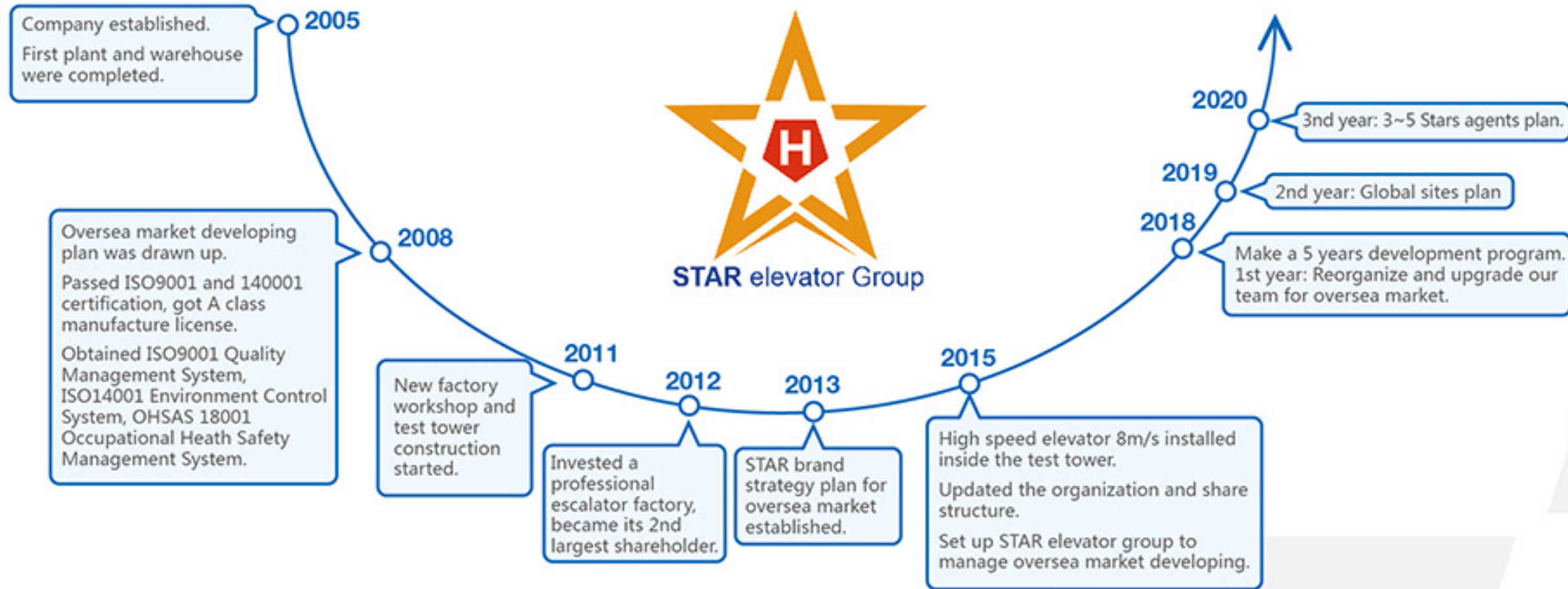
Nanxun Economic Development Zone, Huzhou City, Zhejiang, China

Nanyang Economic Development Zone, Hangzhou City, Zhejiang, China



BRIEF INTRODUCTION

公司简介



Hello, we are a modernized and professional elevator & escalator group which integrates the design, development, manufacturing, sales, installation, and maintenance into a whole. We are becoming a R&D center with specialized division and cooperation for elevator & escalator.

Our main products include passenger elevator, panoramic elevator, hospital elevator, home elevator, freight elevator, car elevator, escalator and moving sidewalk/travelator. Elevator with machine room and machine roomless, speed from 0.5m/s to 10.0m/s. Escalator with VVVF drive and smart sensor control. They are applicable for residence, business buildings, factories, shopping centers, airports, bus stations and other places.

Our elevator & escalator control technology comes from Japan, the United State and Germany, it is very precise and efficient but operation is simple, it can be mastered by engineers easily. Our mechanical design technology is advanced and can be fitting to different requirements from customers.

Most of our parts suppliers are the biggest parts manufacturers in China even in the world. i.e. Our gearless motor from XIZI Forward, Bluelight, KDS, Montanari, Torin; Our gear motor from XINDA, Torin; Our control system from Monarch, STEP, SMART, Bluelight; Our door operator from Shenling, Ouling, Eshine, Wittur etc., all of them are the leading enterprise in elevator and escalator parts industry in the world. We believe that professional matters go to professional suppliers which is the most efficient way for modern industry.

Our international business is developing in around 50 oversea states and areas including: Middle-east area, Africa, South-east Asia, West Asia, Russia, Mongolia, Australia, Europe, North and South America. Most of elevators and escalators which had been installed are running very well.

We strive to generate long-term returns for customers by conducting our business in a profitable, responsible and transparent manner.

A lifecycle business model for the long term business model is based on a lifecycle approach. We provide customers with solutions for the entire lifetime of their elevators and escalators, starting from new equipment installation. Regular maintenance is required to keep equipment running smoothly, and once it ages, modernization is typically also needed.

Our foremost economic responsibility is to our customers. With our solutions, we bring significant added value to our customers and end users. Sustainable economic performance also brings valuable and lasting benefits to agents, distributors, employees, suppliers and communities as a whole.

大家好，我们是一家现代化的专业的电梯，自动扶梯集团公司，提供包括设计，研发，制造，销售以及安装维保等一条龙专业服务。我们逐渐形成和建立了以研发设计为核心的专业化分工的新型电梯生产方式。

我们的主要产品包括乘客电梯，观光电梯，医用电梯，汽车电梯，自动扶梯和自动人行道。广泛运用于住宅楼，办公楼，工厂，购物中心，机场，车站以及其他场所。

我们的电梯和自动扶梯的技术来源于日本、美国和德国，无论是控制系统还是机械设计，都非常精确且高效，但操作和使用十分简单，可以很容易被客户掌握。我们吸取了这些国家技术的同时也形成了特有的技术特点，更加人性化，更能满足不同客户的个性化要求。

我们使用的电梯部件基本上都是来自全国乃至世界最大的部件生产商。比如无齿轮主机来自西子富沃德，蓝光，KDS，或者蒙特纳利，通润；有齿轮主机来自欣达或者通润；我们的控制系统来自默纳克，西子，新时达或者蓝光；我们的门机来自申菱，欧菱，易升，威特等；所有这些部件公司都是电梯行业相应部件的领头羊。

我们集团在全球五十多个国家和地区开展业务。包括中东，非洲，东南亚，西亚，俄罗斯，蒙古，澳大利亚，欧洲，北美和南美地区。我们出口的电梯和自动扶梯从安装好到现在基本上都运行良好。

一个持久的良性循环的商业模式是建立在生命周期上的。从安装开始，我们提供给客户的解决方案是涵盖电梯和自动扶梯的整个生命周期的。定期的维保让设备保持一贯的平稳运行，到达一定的使用年限后，专业的改造也是必要的。

我们的首要责任是对客户负责。我们的解决方案将带给客户和最终使用者更多的附加价值的体验。持久耐用的经济性能让我们的代理商，分销商，员工，供应商以及社区都持久受益。

MANUFACTURING CENTER

制造中心

AERIAL VIEW OF OUR MAIN FACTORY

主厂房鸟瞰图



ELEVATOR AND ESCALATOR WORKSHOPS

电梯和自动扶梯车间



PRODUCT INTRODUCTION

产品介绍



PASSENGER ELEVATOR 乘客电梯

Our passenger elevators help passengers reach their floors quickly, comfortably, and safely. For tenants, they provide quiet operation, which is especially important at night. For architects, they are easy to integrate into designs and help optimize available building space. For building owners, they help reduce total lifetime costs by providing excellent maintainability and reduced energy consumption. Spacious elevator cars enable passengers and their luggage, or staff and their equipment, to travel comfortably and efficiently through the buildings.

我们的客梯帮助乘客到达地面快速、舒适、安全地。对于住户，为他们提供安静的环境，这是在夜间尤为重要。对于建筑师，他们很容易融入设计中，并帮助优化现有建筑空间。对于业主，他们帮助提供卓越的可维护性，降低能源消耗降低整体生命周期成本。宽敞的电梯轿厢使乘客和他们的行李，或工作人员和他们的设备，通过建筑舒适、高效地出行。

PANORAMIC ELEVATOR 观光电梯

Panoramic elevators are generally used in open environments, so it is vital that the flow of people into, through, and out of them is efficiently controlled. They also create a uniform aesthetic and sightseeing experience for passengers as they travel.

我们的观光电梯，引进全套德国最新控制技术，采用现代科技材料和最新加工工艺，从而在运行品质、安全功能、轿厢造型设计等方面均有完美表现。



HOSPITAL BED ELEVATOR 医用电梯

We understand that hospital elevators must provide accessible, safe, reliable, and hygienic rides in these busy environments. Our hospital bed elevators have large capacity and wide opening doors to accommodate stretchers, beds, and other medical equipment. They also provide precise leveling to allow easy access for wheelchairs and beds.

当电梯被冠以“医用”之名，则被赋予了神圣的使命。在设计时不仅要充分考虑到电梯本身的安全承载能力，还需根据现代医院的需求，提供一个更加宽敞、卫生、安静的乘坐空间，和更加大的开门宽度，以便担架病床等医疗设备的随时出入。

HOME ELEVATOR 家用电梯

With our home elevator solutions, you can bring your ideal vision to life. We set the industry standard with a variety of one-of-a-kind looks and unique features with universal design. Ready to give your home a look that rises above the rest? Then it's time for a home elevator that can help take you to the next level.

Every home elevator has an innovative design to create the ultimate experience. Our home elevator undergoes rigorous testing, durable, and will be a part of your life.

我们的家用电梯解决方案，能让你的理想照进现实。我们拥有各种独特设计，各种个性化功能的家用电梯。准备好提升你家的整体风格和档次了吗？那么，是时候让我们的家用电梯来为你锦上添花了。每一台家用电梯都有不一样的创新设计，进而给乘客不一样的体验。而且，它们都是经过严格的测试，非常耐用。我们相信，如果你拥有了它，必将成为你生活的一部分。



FREIGHT ELEVATOR 载货电梯

Our freight elevator is specifically designed for the transportation of cargoes, with many wide door opening modes and spacious yet sturdy car, suitable for the transportation of large cargoes and ensuring the safety when passengers and cargoes both present in the car. Technically, advanced CPU control is applied, realizing contact free control to elevate the performance of the elevator, making it the best choice for cargo transportation in factories, warehouses and malls, etc.

我们的载货电梯专为货物运输而设计，拥有多种大幅度开门方式和宽敞坚固的轿厢，适用于大型货物的进出与运载，确保人货共载的安全；在技术上采用先进的微机控制技术，实现无触点控制，提升电梯性能，现已成为各大工厂、仓库、商场等场所的最佳货运工具。



CAR ELEVATOR 汽车电梯

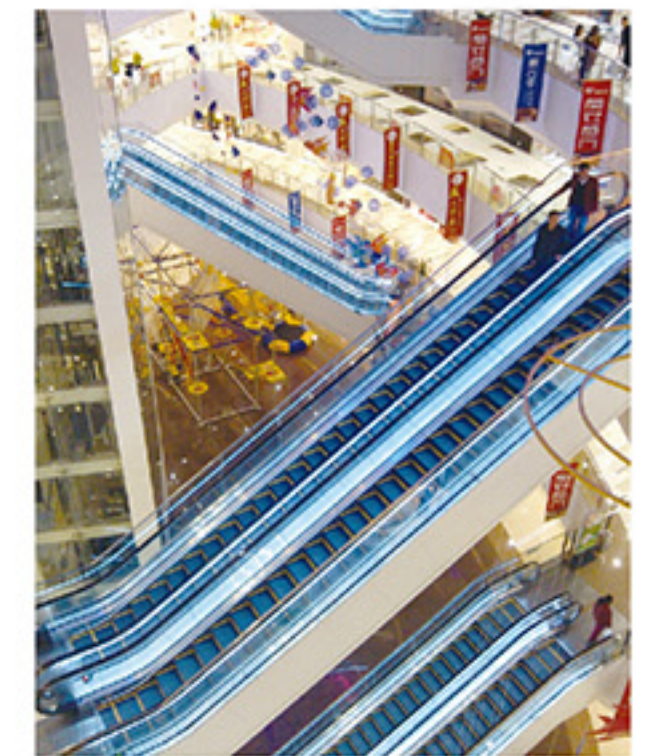
Our car elevator import and absorb the mature technology from Japan, the U.S.A and European countries. The advanced technology avoids shaking of elevator cabin and noise happened by the heavy loading, marks the elevator running smoothly and quietly.

我们的汽车电梯引进和吸收了来自日本、美国以及欧洲国家的成熟的电梯技术，使得电梯能有效避免因大载重引起受力不均带来的噪音和轿厢晃动的问题，从而能平稳安静地运行。

ESCALATOR 自动扶梯

Our serial escalator products apply the reliable materials and advanced technology, with the features as smooth running, lower noise, good durability, convenient and low-cost maintenance, fine and stable structure design. They are easily adaptable to fit your architectural concept. Whether it is a shopping mall, multiplex cinema, museum, shoe store or public transport facility, like a train station, square area etc.

我们的自动扶梯采用可靠的材料和先进技术制造而成，其特点是运行平稳，低噪音，坚固耐用，方便修理，保养成本低，结构稳固可靠。其与你的不同的建筑方案轻易地融为一体，不论是购物广场，复合电影院，博物馆，鞋店或者公共交通设施例如火车站，广场等。



MOVING SIDEWALK 自动人行道

Our moving walk accords with the latest domestic and international standards. It is based upon the advanced industrial technology, combines with the popular grade. It gives first priority to safety at the beginning of design. It passes the strict site testing to ensure maximum security degree. Our always provides you with the indispensably stable, durable and reliable solution plan.

依据最新出台的国内和国际标准，我们的自动人行道基于先进的工业技术，融合时尚品味，并在设计之初就将安全放在首位，通过了严格的现场测试，确保产品的最大安全性。我们所提供的稳定可靠、经久耐用的解决方案都是不可或缺的。

INTERNATIONAL CERTIFICATE AUTHORITY ORGANIZATIONS

国际权威认证机构

GERMANY TUV SUD CERTIFICATION MARK
德国TUV SUD 认证标志



Industrie Service

EAC/CU-TR CERTIFICATE
EAC俄白哈三国关税联盟认证



EUROCERT CERTIFICATE
EUROCERT认证



CE CERTIFICATE
“CE” 安全认证



THE OTHER COOPERATED INSPECTION AGENCIES
其他合作的检验机构

SGS CERTIFICATION COMPANY
SGS认证公司



BUREAU VERITAS
必维国际检验集团



DEKRA SERVICES
DEKRA 服务



INTERTEK
Intertek 天祥集团



INTERNATIONAL CERTIFICATES

国际证书



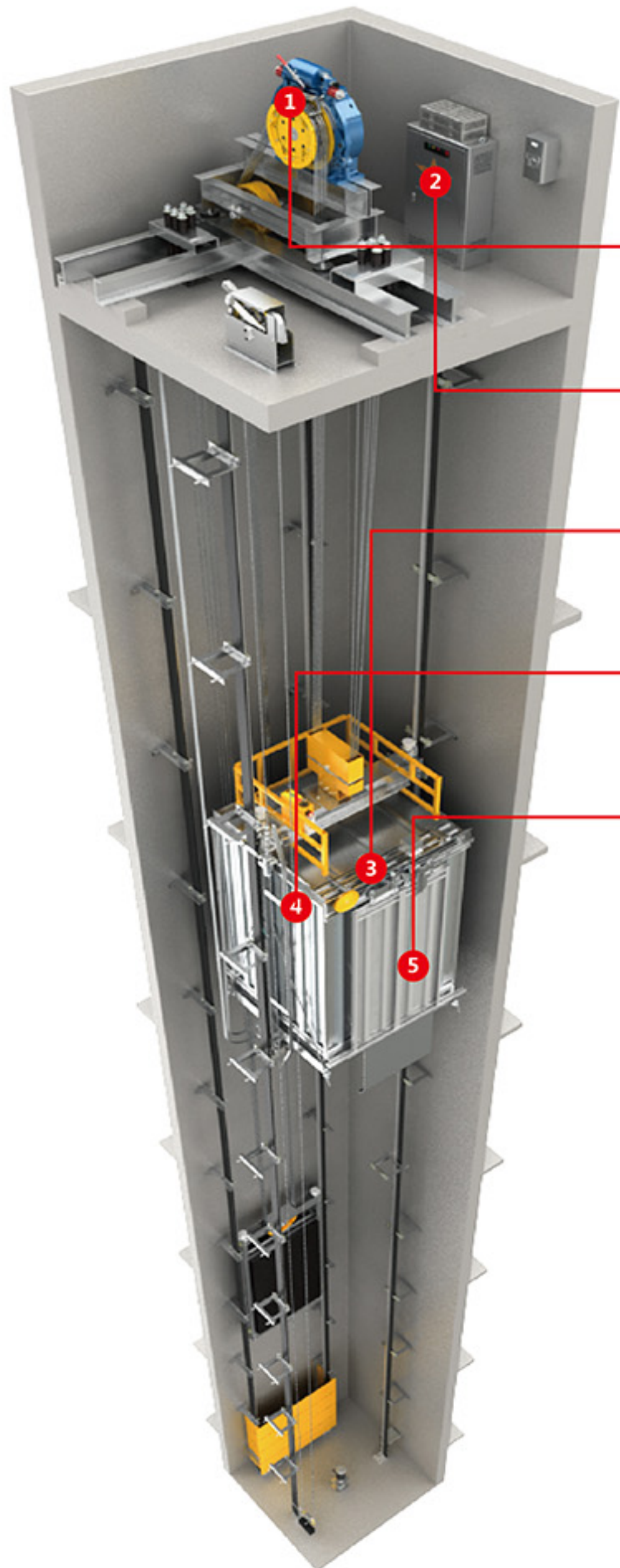
STAR elevator Group

PROFILE VIEWS OF DIFFERENT ELEVATOR DESIGN

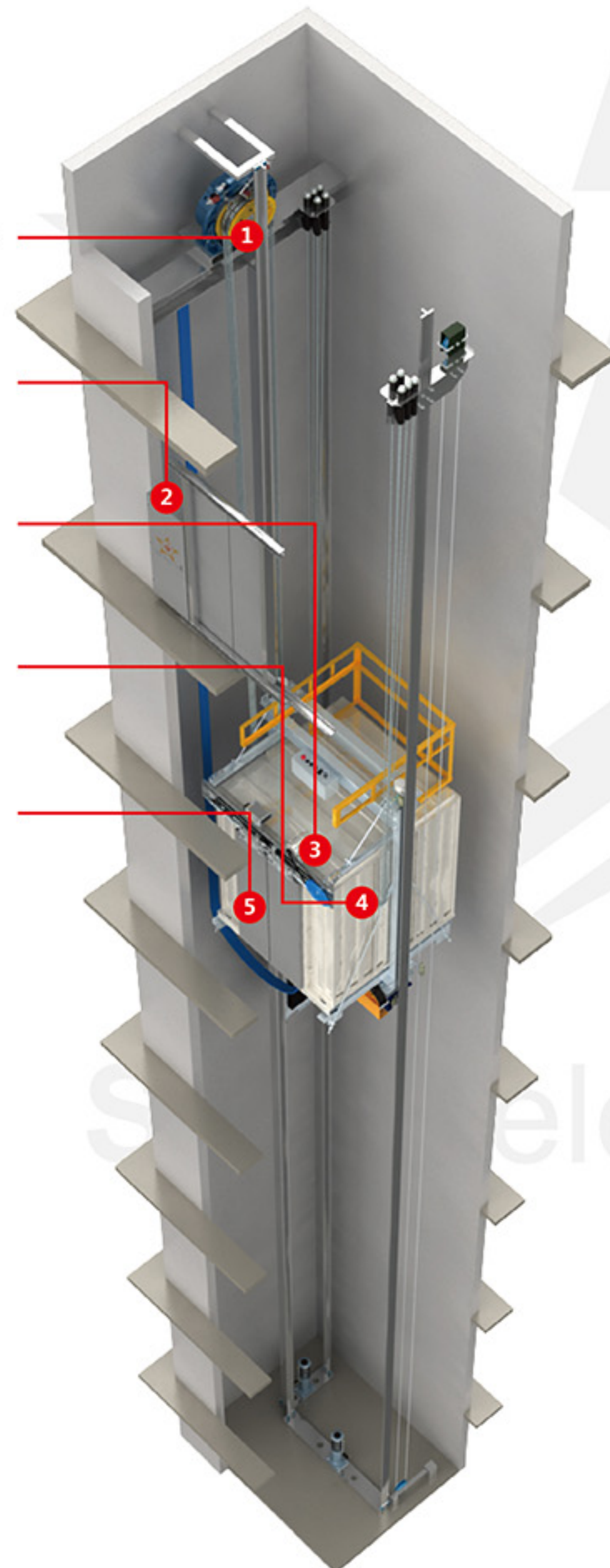
不同电梯设计剖面图

SMALL MACHINE ROOM PASSENGER ELEVATOR 小机房载客电梯

MACHINE ROOM LESS PASSENGER ELEVATOR 无机房载客电梯



- 1 Efficient traction machine
高效曳引机
- 2 Control system
控制系统
- 3 Door operator
永磁同步门机
- 4 Car
轿厢
- 5 Door
门板



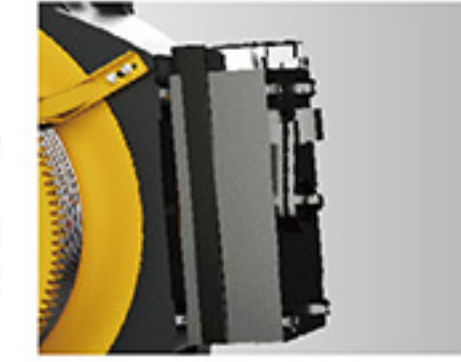
UNIQUE 8+2 SAFETY DESIGNS

独特的8+2安全设计

Main engine brake 主机抱闸

Motor brake can precisely stop motor running to stop elevator runs in abnormal speed.

当电梯运行速度出现异常，主机抱闸立刻工作，通过刹车来停止主机运行，从而停止电梯的运行。



Overspeed governor 限速器

Overspeed governor is generally installed in machine room or on top of guide rails. If the elevator descends more than 115% of rated speed, the overspeed governor will find this emergency immediately and actuate safety gear action and stop the car, playing the role of over-speed protection.

限速器一般安装在机房或者导轨上。当电梯轿厢超过额定速度115%，限速器会立刻感应到这一突发情况，拉动安全钳夹住导轨，停止电梯轿厢。



Safety gear 安全钳

Safety gear is suitable to be installed on the two sides or bottom of the lower beam. When the car descends at excessive speed, following the actuation of the speed governor, the speed governing wire rope will lift the rocker arm and enable the safety gear clamping the guide rails and stop the car to protect people inside.

安全钳一般是安装在轿底下梁的两侧或者底部。当电梯轿厢超速下降（从而引起限速器作用于钢丝绳，进而安全钳联动，从而能有效地停止电梯轿厢，保护乘客。



Limit switch 限位开关

Limit switch is also called travel switch, is a popular small current main electrical appliances. Use the collision of mechanical moving parts to connect or break the control circuit, to achieve a certain control purpose. It can protect elevator running in a safe distance.

限位开关又被成为行程开关，是常用的小电流电气部件。利用生产机械运动部件的碰撞使其触头动作来实现接通或分断控制电路，达到一定的控制目的。它可以保护电梯行驶在安全距离内。



Light curtain protection 光幕保护

Light curtain safety protection device: the infrared receiver with rays is applied to form an infrared protection network outside the elevator door, which enhances the reliability of the whole elevator system as well as provides passengers with maximum security assurance.

采用红外线发生接收器，在电梯门口形成一幅红外保护网。不仅为电梯乘客提供最大限度的安全保障，而且增强了整个电梯系统的可靠性。



Overload device 超载装置

The overload device can prevent the elevator door from closing, when the load of the elevator exceeds its rated load. In the meanwhile, buzzer or display warning.

超载装置在检测到电梯实际载重超过其额定载重时，保护电梯门防止其关闭，从而阻止电梯运行，并同时蜂鸣器响起或者显示报警。



Door lock 门锁

There is the cam body set in the switching range of the door of the elevator room in the lifting pathway. The cam body used to specify the opening and closing zone of the elevator door is arranged on the side wall of the elevator door, and is combined with the mobile selection component to restrict the opening of the door of the elevator room outside the opening and closing zone of the elevator door.



具有设置在升降通路中的电梯间门的开闭区间上，用来规定电梯间门的开闭区间的凸轮体；设置在电梯间的侧壁上，在电梯间门的开闭区间之外与上述移动选择构件配合起来限制住电梯间的门打开的限制构件。

Buffer 缓冲器

Elevator buffers are designed to protect people and equipment from forces generated from an impact resulting from equipment failure or operator error. To minimize the damages of elevator accident.

电梯缓冲器设计，以保护人员和设备故障或操作失误造成的冲击产生的力。将电梯事故造成的损失最大限度地减少。



AVR (optional) AVR稳压器（可选配置）

The power supply voltage which fluctuates greatly and fails to meet the requirements of electrical equipment is stabilized within its set value, so that all kinds of circuits or electrical equipment can work normally under rated working voltage.

将波动较大和达不到电器设备要求的电源电压稳定在它的设定值范围内，使各种电路或电器设备能在额定工作电压下正常工作。



ARD (optional) ARD应急平层装置（可选配置）

When power failure occurs, the emergency device automatically operates, driving the elevator near the floor, so that passengers can safely walk out of the elevator.

停电时，停电应急装置自动运作，驱动电梯就近平层，使乘客安全走出电梯。



GEARLESS TRACTION MACHINE

无齿轮曳引机



蓝光主机 Bluelight Motor

WYT-H

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 DZE-14E制动器 (Brake) : AC220V 5.4A
 自重 (Weight) : 780kg
 最大静态载荷 (Max.Static Load) : 5500kg
 额定载重 (Load) : 1000kg~1600kg
 额定速度 (Speed) : 1.0~2.5m/s



WYT-U

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 DZE-14E制动器 (Brake) : DC110V 3.2A
 自重 (Weight) : 418kg
 最大静态载荷 (Max.Static Load) : 3000kg
 额定载重 (Load) : 630kg~1150kg
 额定速度 (Speed) : 0.5~2.0m/s



WYT-TAM

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 钢丝绳绕法 (Rope) : 单绕(Single)
 额定载重量 (Capacity) : 450kg, 630kg
 轿厢速度 (Speed) : 0.5m/s~1.75m/s
 防护等级 (Prot.Class) : IP41
 绝缘等级 (Ins.Class) : F



WYT-T

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 制动器电压 (Brake Voltage) : DC110V/DC220V
 额定载重量 (Capacity) : 450kg~1150kg
 轿厢速度 (Speed) : 0.5m/s~2.0m/s
 防护等级 (Prot.Class) : IP41
 绝缘等级 (Ins.Class) : F



通润主机 Torin Motor

GTS

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 DZE-14E制动器 (Brake) : AC220V 5.4A
 自重 (Weight) : 780kg
 最大静态载荷 (Max.Static Load) : 5500kg
 额定载重 (Load) : 1000kg~1600kg
 额定速度 (Speed) : 1.0~2.5m/s



GTW2

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 DZE-14E制动器 (Brake) : DC110V 3.2A
 自重 (Weight) : 418kg
 最大静态载荷 (Max.Static Load) : 3000kg
 额定载重 (Load) : 630kg~1150kg
 额定速度 (Speed) : 0.5~2.0m/s



GTW3

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 PZD-140制动器 (Brake) : DC110V
 0.69A/SET
 自重 (Weight) : 418kg
 最大静态载荷 (Max.Static Load) : 3000kg
 额定载重 (Load) : 630kg~1150kg
 额定速度 (Speed) : 0.5~2.0m/s



GTN1

额定电压 (Voltage) : 380V
 悬挂比 (Suspension) : 2:1
 PZD-140制动器 (Brake) : DC110V
 0.69A/SET
 自重 (Weight) : 790kg
 最大静态载荷 (Max.Static Load) : 4200kg
 额定载重 (Load) : 800kg~1350kg
 额定速度 (Speed) : 1.0~4.0m/s



西子富沃德主机 XIZI Forward Motor

GETM3.0H (630kg)

许用径向载荷 (Max.Axle Load) : 3000kg
 曳引机概算重量 (Motor Weight) : 373kg
 工作制 (Working Duty) : S5-60%ED
 绝缘等级 (Ins.Class) : 155(F)
 制动器型号及数量 (Brake type) : 2只DZD1-500



GETM3.5H (800~100kg)

许用径向载荷 (Max.Axle Load) : 3500kg
 曳引机概算重量 (Motor Weight) : 385kg
 工作制 (Working Duty) : S5-60%ED
 绝缘等级 (Ins.Class) : 155(F)
 制动器型号及数量 (Brake type) : 2只DZD1-500



GETM6.0H

许用径向载荷 (Max.Axle Load) : 6000kg
 曳引机概算重量 (Motor Weight) : φ450时682kg ; φ550时752~802kg ; 682kg(sheave dia.φ450) ; 752~802kg(sheave dia.φ550)
 工作制 (Working Duty) : S5-60%ED
 绝缘等级 (Ins.Class) : 155(F)
 制动器型号及数量 (Brake type) : 2只DZD1-653



GETM70C

许用径向载荷 (Max.Axle Load) : 7000kg
 曳引机概算重量 (Motor Weight) : 2:1
 工作制 (Working Duty) : S5-60%ED
 绝缘等级 (Ins.Class) : 155(F)
 制动器型号及数量 (Brake type) : 2只EC-4035



弗尔德主机 Furder Motor

FRD21E(320~450kg)

电源电压 (Supply Voltage) : 380V/220V
 曳引比 (Traction Ratio) : 2:1
 防护等级 (Protection Grade) : IP40
 梯速 (Elevator Speed) : 0.4m/s
 额定载重 (Rated Capacity) : 320kg~450kg
 制动器 (Brake) : DC110V, 1.0A*2
 最大轴静载 (Maximum Axial Load) : 2500kg



FRD21E(630kg)

电源电压 (Supply Voltage) : 380V/220V
 曳引比 (Traction Ratio) : 2:1
 防护等级 (Protection Grade) : IP40
 梯速 (Elevator Speed) : 0.4m/s
 额定载重 (Rated Capacity) : 630kg
 制动器 (Brake) : DC110V, 1.0A
 最大轴静载 (Maximum Axial Load) : 2500kg



FRD32E

电源电压 (Supply Voltage) : 380V
 曳引比 (Traction Ratio) : 2:1
 防护等级 (Protection Grade) : IP40
 梯速 (Elevator Speed) : 0.5m/s~1.75m/s
 额定载重 (Rated Capacity) : 450kg~1050kg
 制动器 (Brake) : DC110V, 1.0A*2
 最大轴静载 (Maximum Axial Load) : 5000kg



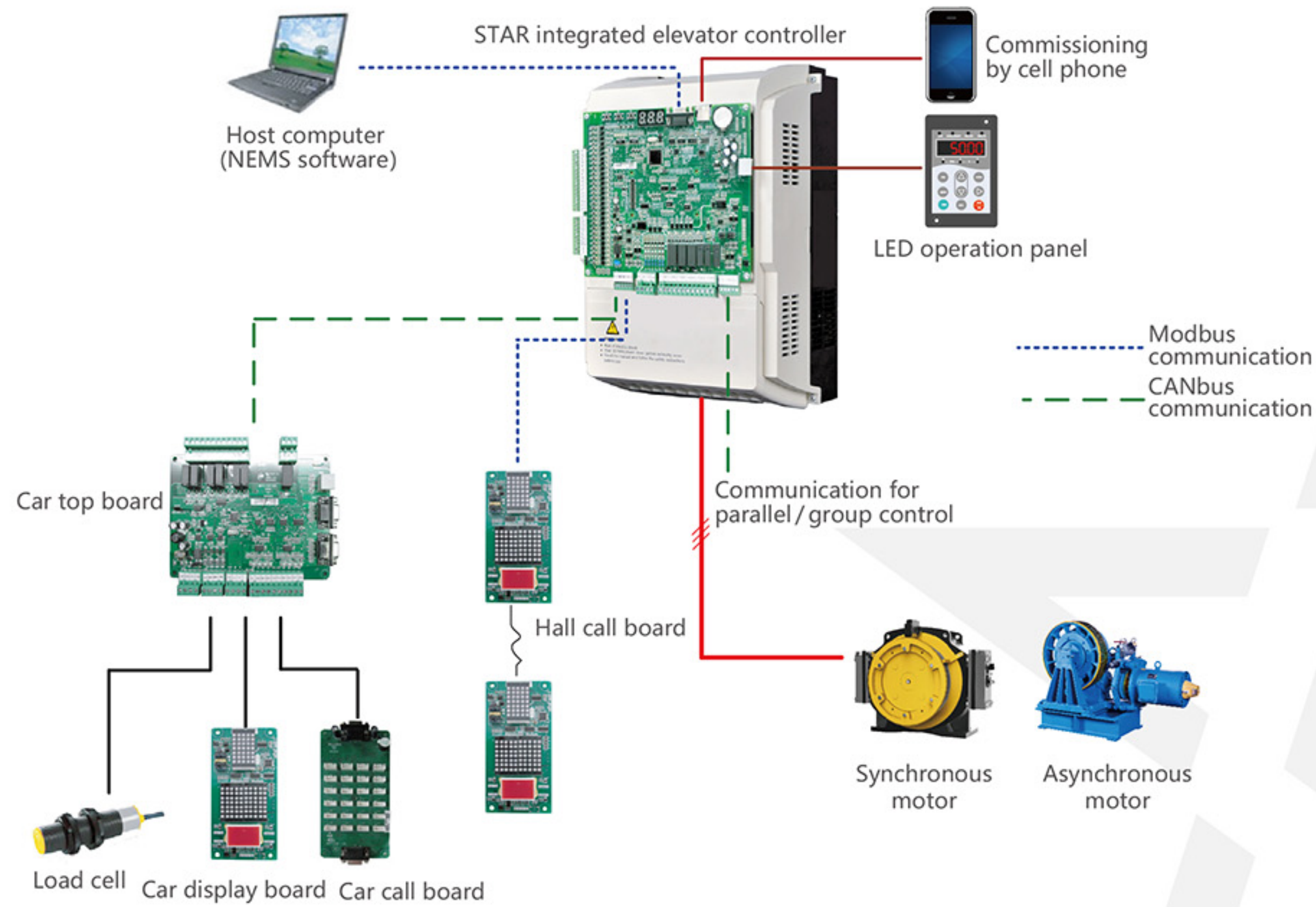
FRD40A

电源电压 (Supply Voltage) : 380V
 曳引比 (Traction Ratio) : 2:1
 防护等级 (Protection Grade) : IP40
 梯速 (Elevator Speed) : 0.5m/s~2.5m/s
 额定载重 (Rated Capacity) : 1150kg~1600kg
 制动器 (Brake) : DC110V, 1.7A*2
 最大轴静载 (Maximum Axial Load) : 2500kg



CONTROL SYSTEM

控制系统



Control cabinet 控制柜



Control cabinet for machine room type elevators
有机房电梯控制柜



Control cabinet for machine roomless type elevators
无机房电梯控制柜

1. More advanced technology

The STAR integrated elevator controller is a world-leading intelligent control system that integrates computer, automatic control, network communication, and motor vector drive technologies:

- Distance-based direct travel ride, N curves generated automatically
- Group control algorithm of less than eight elevators based on the fuzzy control theory
- Multi-CPU redundancy control and integration of advanced CANbus, Modbus, and Internet of Things communication technologies
- Built-in real-time clock, which provides time-based services, facilitating intelligent floor service management
- Flexible emergency rescue running scheme
- Automatic identification running of short floor
- Unintended car movement protection (UCMP) and braking force detection function

2. Easier use

- Integration of control and drive and compact structure, requiring only a small equipment room or even no equipment room
- Easy functional parameter design, making commissioning convenient
- Considerate keypad design, making inspection, maintenance and commissioning of the elevator easy
- Any weight that allows load cell auto-tuning
- Multiple commissioning tools, including PC host computer software, operation panel, and cell phone
- Elevator experience function: automatic detection on balance coefficient and test on slip amount

3. Safer running

- Multiple security protections, compliant with the GB7588-2003 standard
- Fault tolerant design of hardware and software; multi-class fault processing; minimization of accidents including over travel bottom terminal and over travel top terminal to ensure safe running
- Professional drive manufacturing technology and strong environmental adaptability; full resistance to power grid fluctuation, dust, high temperature, and thunder.
- Two-chip controlled running and brake, STO function

4. More comfortable riding

- No-load-cell technology or special load cell compensation device, providing nearperfect startup compensation
- High-performance vector control, achieving good motor performance and riding comfort

5. Better economy

- Integration of drive and control, which makes system configuration simpler, reduces peripheral wiring and the cost, and improves elevator safety and stability
- Use of CANbus and Modbus communication, reducing the quantity of traveling cables
- Flexible modular optional parts
- Parallel connection easily implemented using two wires, without configuring any extra group control board

1 更先进

STAR电梯一体化控制器是集计算机技术、自动控制技术、网络通讯技术、电机矢量驱动技术于一体的智能控制系统，具有国际先进水平；

- 真正以距离控制为原则的直接停靠技术，N条曲线（无段速）自动生成
- 基于模糊控制理论的8台以下电梯群控算法
- 多CPU冗余控制、集成先进的CANbus、Modbus、物联网通讯技术
- 内置精准实时时钟，提供丰富的分时控制功能，方便实现楼宇智能管理
- 灵活的紧急救援运行方案
- 短层站自动识别运行
- UCMP、抱闸制动力检测功能

2 更易用

- 控制驱动一体，结构紧凑，方便实现小机房、无机房设计
- 傻瓜式功能参数设计，最大限度方便调试
- 贴心小键盘设计，使电梯的检验、维修、调试简单易行
- 任意重量实现称重自学习
- 支持多种调试手段：PC上位机软件、操作面板、手机调试
- 电梯体检功能：平衡系数自动检测、打滑量测试

3 更安全可靠

- 多重安全保护，紧扣GB7588-2003标准
- 硬件、软件的容错设计；多类别的故障处理；最大限度杜绝事故（蹲底、冲顶）发生，保证安全运行
- 专业的驱动器制造技术、强大的环境适应能力，全面对抗电网波动、粉尘、高温和雷电
- 双芯片控制运行、抱闸，STO功能

4 更舒适

- 无称重技术或专用称重补偿装置，提供了近乎完美的启动补偿
- 高性能的矢量控制，充分发挥电机性能，从而获得更佳舒适感

5 更经济

- 真正一体化，系统更简单，大大减少了外围接线，经济易用，提高了电梯的安全性和稳定性

Monarch system



SMART system



The other control system



STEP
Optional
可选配置



BLUELIGHT
Optional
可选配置

DOOR OPERATOR SERIES

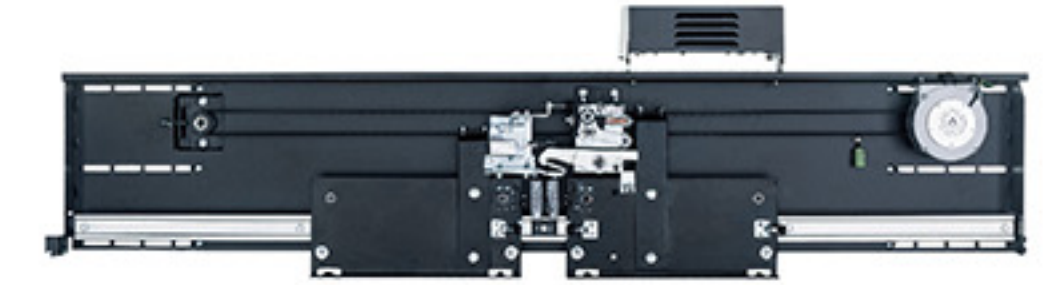
门机系列



Door operator motor
门机马达

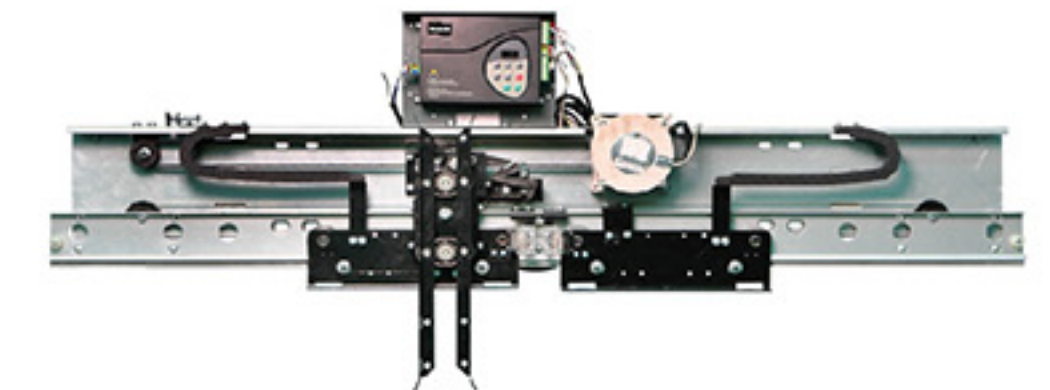
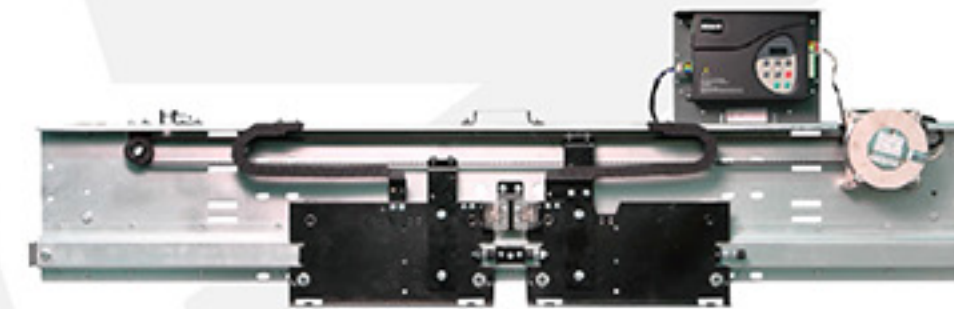


Shenling door operator
申菱门机



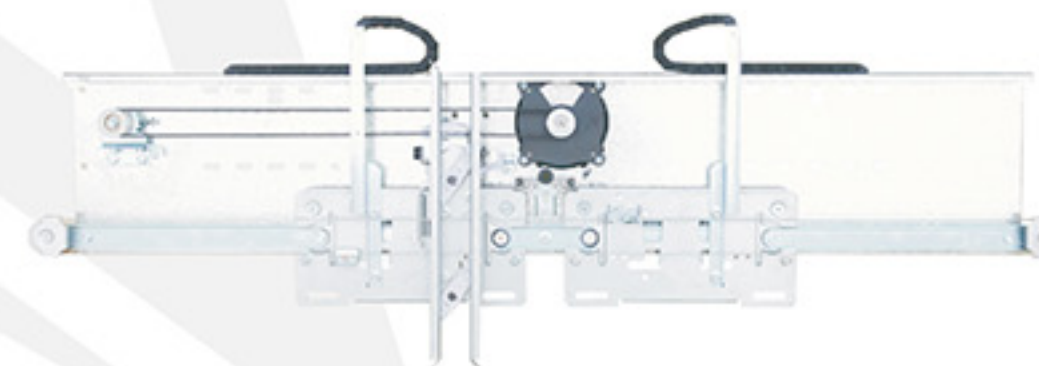
JJ	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
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Ouling door operator
欧菱门机



JJ	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
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Eshine door operator
易升门机



JJ	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
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Door operator inverter
门机变频器



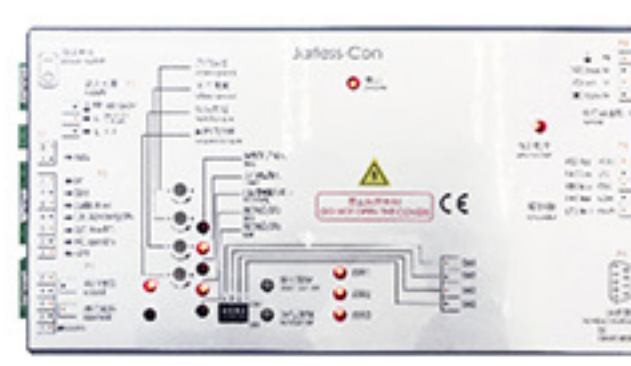
Monarch



Panasonic

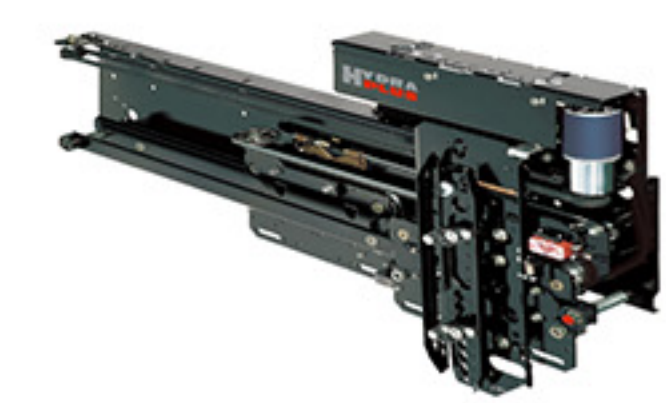


Eshine



Xizi

Wittur door operator (E30, EI60, EI120, EI120)
威特防火门



JJ	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
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STAR PASSENGER ELEVATOR

STAR 乘客电梯



XR-P01A (Standard 标配)

Ceiling: Hairline stainless steel+LED lights
C.O.P: XR-CZ001 (standard)
Car walls: Hairline stainless steel plate
Car door: XR-T01
Floor: PVC/Marble

吊顶：发纹不锈钢+LED灯
操纵箱：XR-CZ001(标配)
轿壁：发纹不锈钢板
轿门：XR-T01
地板：PVC/大理石



XR-D43



XR-CZ001
XR-CZ001A
(Standard 标配)



XR-F02

点阵显示器 Dot matrix display



Red on black,
single display
黑底红字, 单显



White on black,
single display
黑底白字, 单显



Yellow on black,
single display
黑底黄字, 单显

段码显示器 Segment display



White on blue
蓝底白字



White on black
黑底白字



Yellow on black
黑底黄字

液晶显示器 Liquid crystal display



4.3inch



7inch



9.7inch



7inch



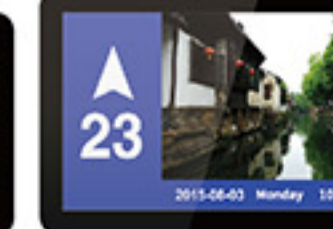
9.7inch



4.3inch



10.4inch



12.1inch



15inch



17inch



19inch

按钮背景光 Button background light



White
白色



Yellow
黄色



Red
红色



Green
绿色

ELEVATOR FUNCTION CONFIGURATION

电梯功能配置

 Travel function 运行功能	VVVF drive 电梯变频驱动	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator's start, travel and stop and gain the sound comfort. 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。
	VVVF door operator 门机变频驱动	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start / stop. 精确调整电动机转速, 使门机的开启、关闭更轻柔灵敏。
	Independent running 独立运行	The elevator can not respond to outer calling, but only respond to the command inside the car through the action switch. 通过动作开关, 使电梯不响应外召, 仅响应轿内指令。
	Automatic pass without stop 自动不停站通过	When the car is crowded with the passengers or the load is closed to preset value, the car will automatically pass the calling landing in order to keep maximum travel efficiency. 当轿内挤满乘客或负载接近预设值, 为保持最大运行效率, 该轿厢将自动越过召唤层站。
	Automatically adjust door opening time 开门时间自动调整	Door-open time can be automatically adjusted according to the difference between landing calling or car calling. 按照层站召唤或轿厢召唤的区别, 自动调整保持开门时间。
	Reopen with hall call 本层重新开门	In the door closing process, press reopen with hall call button can restart the door. 关门途中, 可以按本层站召唤按钮使门重新开启。
	Express door closing 即时关门	When the elevator stops and opens the door, press door-close button, the door will be closed immediately. 电梯停站开门到位时, 按下关门按钮, 门立即被关闭。
	Car stops and door open 停梯开门	The elevator decelerates and levels, the door only opens after the elevator comes to a complete stop. 电梯减速平层, 直到完全停稳后才开门。
	Car arrival gong 轿厢到站钟	Arrival gong in the car top announces that the passengers arrive. 装于轿顶的电子钟的钟声告知候梯的乘客电梯已到达。
	Command register cancel 指令登记删除	If you press the wrong floor command button in the car, twice continuous pressing of the same button can cancel the registered command. 如按错了轿内楼层指令按钮, 只要把同一按钮连接两次, 就可取消已登记指令。
Direct parking 直接停靠	It completely accords with distance principle with no crawling in the leveling. It greatly enhances the travel efficiency. 完全根据距离原则, 平层无爬行, 大大提高了运行效率。	
 Safety function 安全功能	Photocell protection 光幕保护	In the door open and close period, infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects. 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。
	Designated stop 指定停靠	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. 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。
	Overload holding stop 超载停梯	When the car is overload, the buzzer rings and stops the elevator in the same floor. 轿厢超载时, 鸣响蜂鸣器并停止于该层站。
	Anti-stall timer protection 防止失速内部计数器保护	The elevator stops operation due to slipperiness of the traction wire rope. 由于曳引钢丝绳打滑而无法正常运行时, 电梯停止运行。
	Start protection control 启动保护控制	If the elevator does not leave door zone within the designated time after it starts, it will stop the operation. 电梯启动后在指定的时间内, 没有离开门区, 电梯停止运行。
	Inspection operation 检修操作	When the elevator enters into inspection operation, the car travels at inching running. 当进入检修状态时, 轿厢以低速点动运行。
	Fault self-diagnosis 故障自诊断	The controller can record 62 latest troubles so as to quickly remove the trouble and restore the elevator operation. 控制器可记录最新的62个故障, 以便快速排除故障, 迅速恢复电梯运行。
	Repeated door closing 电梯门重复开关	If the elevator can not close the door due to certain obstacle or interference, the elevator will reopen or reclose the door until sundries are eliminated. 有时因阻碍或干扰, 电梯门未能关闭, 电梯门会重复打开或关闭, 直到杂物被清除。
	Up/down over-run and final limit protection 上下越层及上下极限保护装置	The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of control. It results in more safe and reliable elevator travel. 该装置可有效地防止当电梯一旦发生失控时的冲顶或撞底现象, 使电梯更安全可靠。
	Down over-speed protection device 下行超速保护装置	When the elevator's down speed is 1.2 times higher than the rated speed, this device will automatically cut off control mains, stop the motor running so as to stop elevator down at over-speed. If the elevator continues to down at over-speed, and if the speed is 1.4 times higher than rated speed, safety tongs act to force the elevator stop in order to ensure the safety. 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。
Upward over-speed protection device 上行超速保护装置	When the elevator's up speed is 1.2 times higher than rated speed, the device will automatically decelerate or brake the elevator. 当电梯上行的速度超过额定速度的1.2倍时, 该装置自动将电梯减速或制停。	
 Man-machine interface 人机界面	Micro-touch button for car call and hall call 轿内及层站微动指令按钮	New type micro-touch button is used for operation panel command button in the car and landing calling button. 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。
	Floor and direction indicator inside car 轿内层楼、方向指示	The car shows the elevator floor location and current travel direction. 轿内显示电梯所在层楼及当前运行方向。
	Floor and direction indicator in hall 层站层楼、方向指示	The landing shows the elevator floor location and current travel direction. 层站显示电梯所在层楼及当前运行方向。

 Emergency function 应急功能	Emergency car lighting 应急照明	Emergency car lighting automatically activated once power failure. 停电时, 自动打开轿内应急照明。
	Inching running 点动运行	When the elevator enters into emergency electric operation, the car travels at low speed inching running. 当进入紧急电动状态时, 轿厢以低速点动运行。
	Five way intercom 五地通话装置	Communication amid car, car top, elevator machine room, well pit and rescue duty room through walkie-talkie. 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。
	Fire emergency return 消防返回	If you start key switch in main landing or monitor screen, all the callings will be cancelled. The elevator directly and immediately drives to the designated rescue landing and automatically opens the door. 启动基站或监控屏上的钥匙开关, 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。
 Energy-saving function 节能功能	轿厢风扇/照明自动开关 Car ventilation, light automatic shut off	在规定的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.
	远程关闭 Remote shut-off	通过钥匙开关, 电梯可以被召唤到基站(服务完成后), 并自动退出服务。 The elevator can be called to base landing (after finishing the service) through the key switch and automatically exists the service.

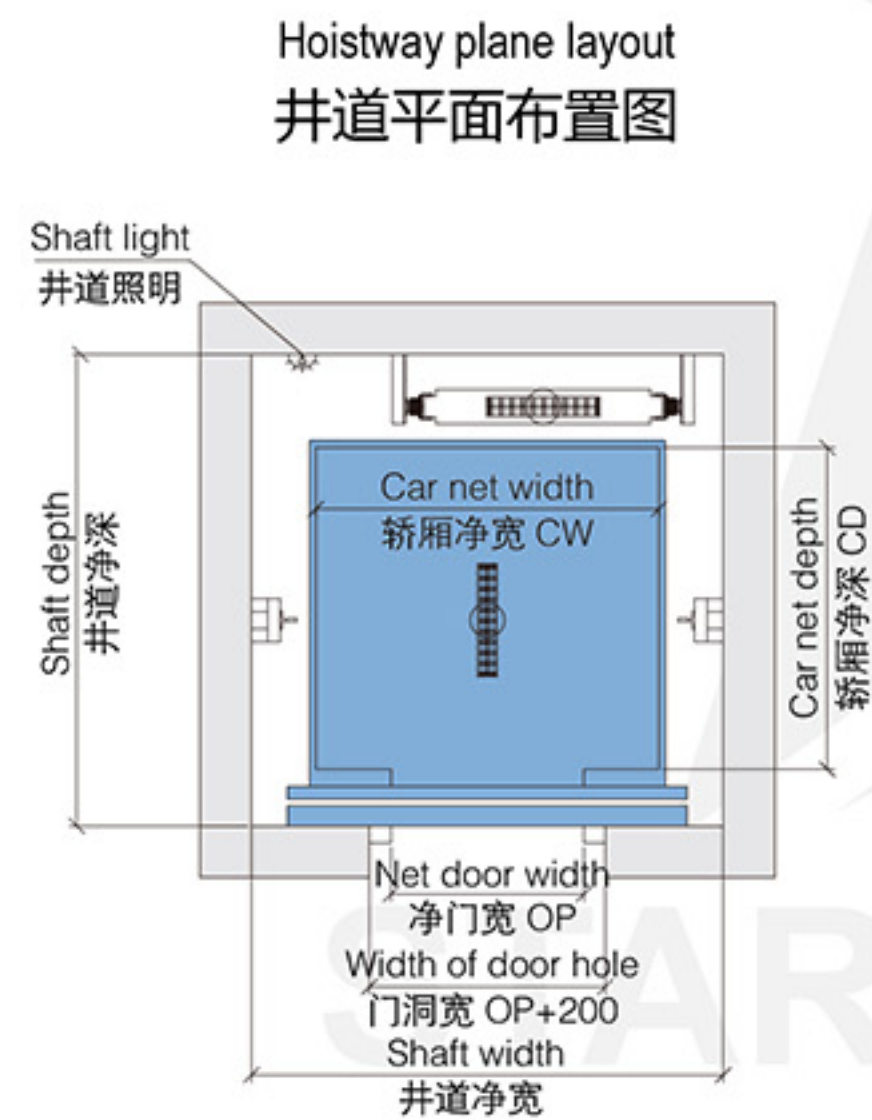
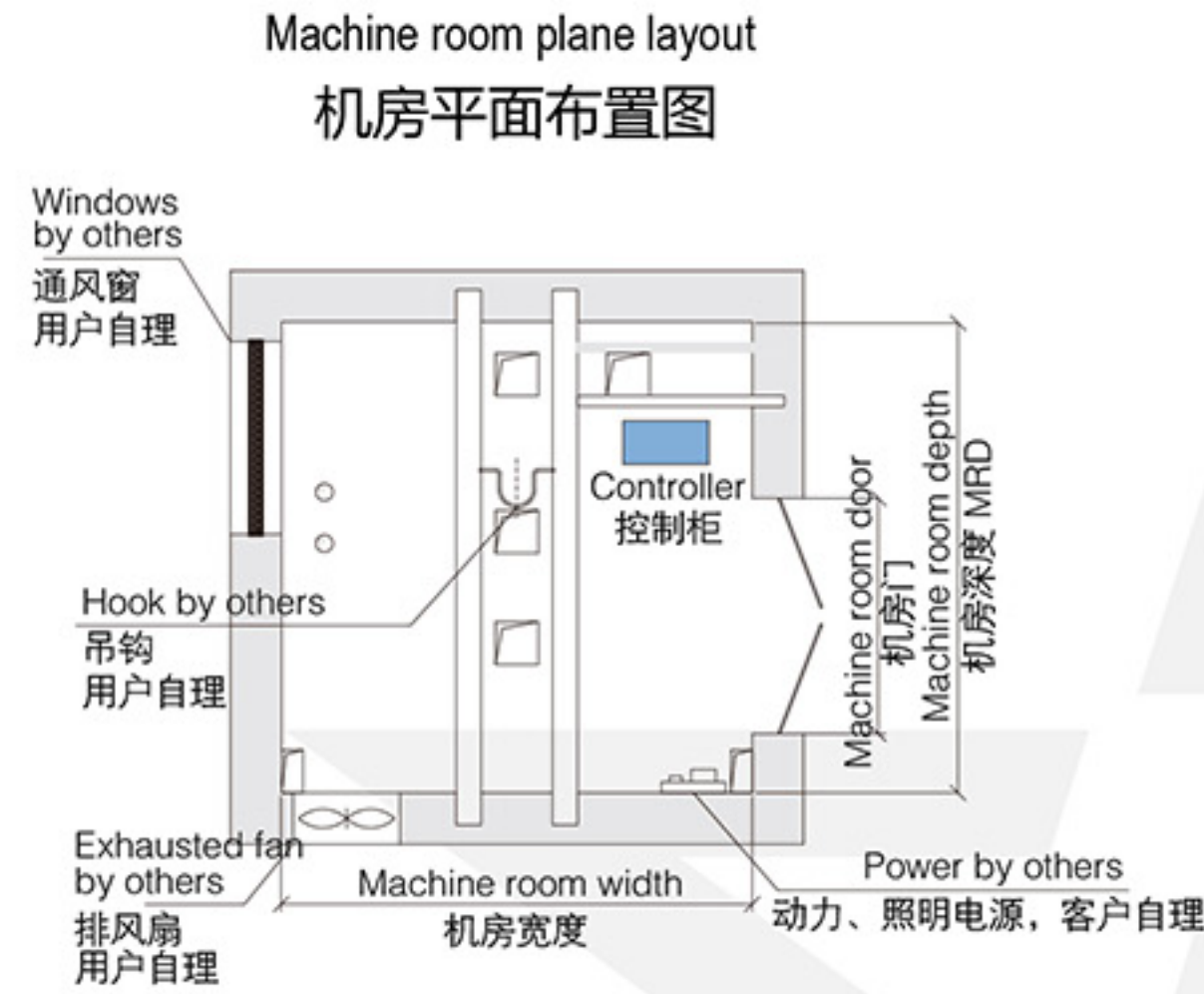
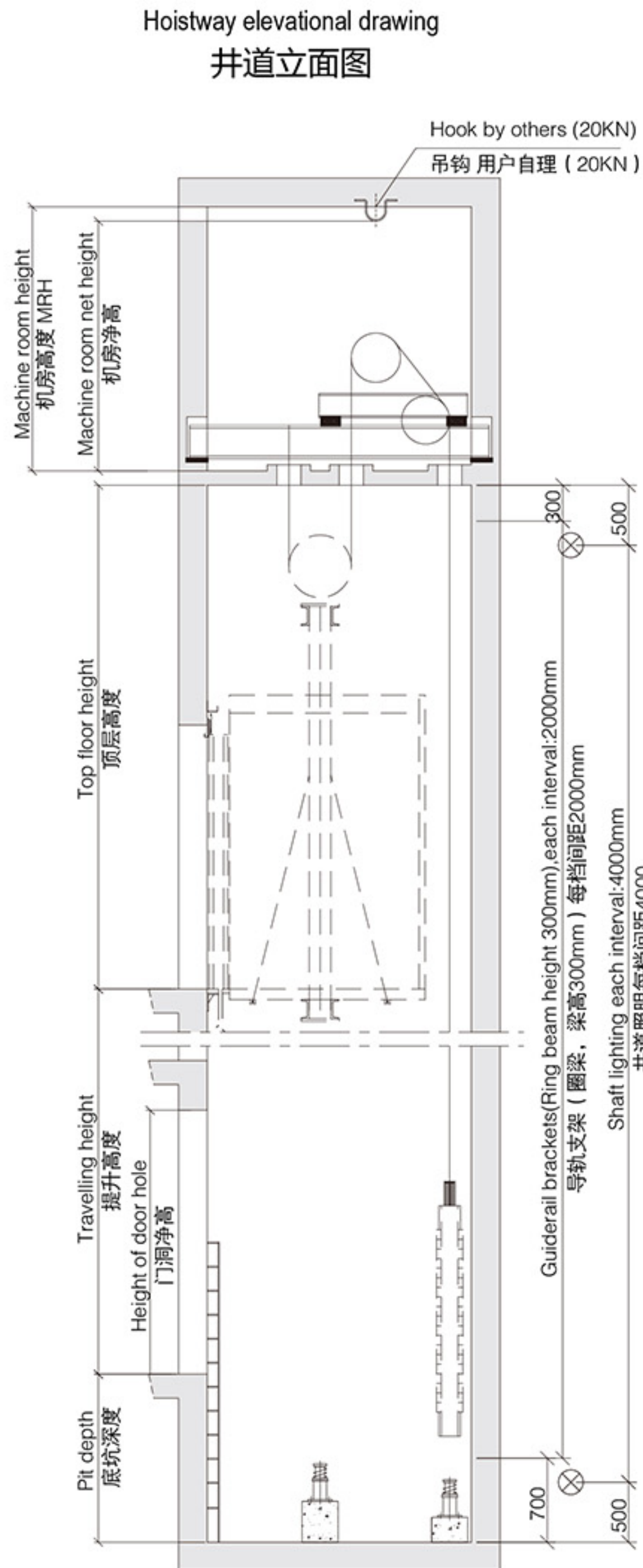
Optional Function 选配功能

 Emergency function 应急功能	ARD (Auto-Rescue Device) 停电应急平层	In normal power failure, the chargeable battery supplies the elevator power. The elevator drives to the nearest landing. 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。
	Bell 警铃	In emergency conditions, if bell button above car operation panel is continuously pressed, electric bell rings on top of the car. 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。
 Power protection function 动力功能	AVR (Auto-Voltage Regulator) 稳压器	It can keep voltage of power supply stabilized, reduce or avoid any electrical elements damaged due to voltage fluctuation, to ensure elevator running well for long time. 它能稳定电压, 降低或者避免由于电压波动而导致的电气元件的损伤, 从而保证电梯长久稳定地运行。
	Anti- nuisance 防捣乱	In the light duty load, when three more commands appear, in order to avoid the unnecessary parking, all the registered callings in the car will be cancelled. 当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清除。
 Travel function 运行功能	Open the door in advance 提前开门	When the elevator decelerates and enters into door open zone, it automatically opens the door to enhance the travel efficiency. 电梯减速进入开门区域, 自动开门, 提高运行效率。
	Group control function 群控功能	用于三台或三台以上同型号电梯成组控制时使用, 使梯群能自己选择最合适的应答, 避免电梯重复停梯, 缩短乘客候梯时间, 提高运行效率。 When three or more same model elevator groups are controlled in use, the elevator group can automatically choose the most appropriate response. It avoids the repeated elevator parking, reduces the passengers' waiting time and increases the travel efficiency.
	Duplex control 并联功能	用于两台同型号电梯, 通过电脑的调度来统一响应召唤信号, 以最大限度地减小乘客的候梯时间, 以提高运行效率。 Two sets of same model elevators can unified 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.
	On-duty peak service 上班高峰服务	在预定上班时间内, 基站向上的运输特别繁忙时, 向基站不断派梯以满足上班时高峰需要。 Within the preset on-duty time, upward transport from the base landing is extremely busy. The elevators are continuously dispatched to the base landing in order to satisfy on-duty peak service.
	Off-duty peak service 下班高峰服务	在预定下班时间内, 向顶层派梯满足下班时高峰需要。 Within the preset off-duty period, the elevators are continuously dispatched to top floor in order to satisfy off-duty peak service.
	Door open time extending 开门时间延长	Press special button in the car, the elevator door keeps open for certain period of time. 按轿厢内的专用按钮, 可使门在一段时间内保持开门状态。
	Door-opening re-leveling 开门再平层	When the elevator door opens and leveling fluctuation occurs due to change of the car load, the system automatically runs the elevator to leveling position by its own leveling speed under the conditions of door-opening. 当电梯处于开门状态, 由于轿厢载荷变化, 造成平层波动时, 系统在门开的状态下以自身平层速度自动运行到平层位置。
	Voice announcer 语音报站	When the elevator normally arrives, voice announcer informs the passengers about the relevant information. 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。
	The second operation box 轿厢副操纵箱	It is used in the large loading weight elevators or the elevators with crowded passengers so that more and more passengers can use the car. 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。
	Operation box for the disabled 残疾人操纵箱	It is convenient for the wheelchair passengers and those who have visual disorder. 便于让轿厢内坐轮椅的乘客及视觉障碍的乘客方便使用。
 Man-machine interface 人机界面	Intelligent calling service 智能召唤服务	The car command or hoist-way calling can be locked or connected through special Intelligent Input. 通过专用的智能输入设备, 可使轿厢指令或厅外召唤锁定或接通。
	IC card control function IC卡控制功能	All (partial) landings can only input car commands through IC Card after the authorization. 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。
	Remote monitor 远程监控	The elevator long-distance monitor and control can be fulfilled through modem and telephone. It is convenient for the factories and service units to know the travel conditions of every elevator and take the corresponding measures in time. 通过调制解调器和电话, 可实现电梯的远程监视和控制, 便于厂家和服务单位及时的了解每台电梯的运行状况, 以便及时作出相应措施。
	Camera function in the car 轿内摄像功能	The camera is installed in the car to monitor the car conditions. 摄像头装于轿厢内监视轿内情况。

CONSTRUCTION LAYOUT DRAWING

Small Machine Room Passenger Elevator

小机房乘客电梯土建参数



Small machine room passenger elevator parameters
小机房乘客电梯参数表

Load(kg) 载重(kg)	Speed (m/s) 速度	Car dimension(mm) 轿厢尺寸(mm)	Door-opening size(mm) 开门尺寸(mm)	Hoistway size(mm) 井道尺寸(mm)	Machine room size(mm) 机房尺寸(mm)	Overhead height (OH) 顶层高度	Pit depth (PP) 底坑深度
		Inner size AXB 内尺寸AXB	Net door-opening 净开门C	Width x depth 宽 x 深	Width x depth 宽 x 深		
630	1.0	1400X1100	800	2000X1800	2000X3500	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
800	1.0	1400X1350	800	2000X2000	2000X3800	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1000	1.0	1600X1500	900	2200X2200	2200X4000	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1250	1.0	1800X1550	1100	2400X2300	2400X4100	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1350	1.0	1900X1600	1100	2500X2350	2500X4100	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1600	1.0	1950X1700	1100	2600X2450	2600X4500	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000

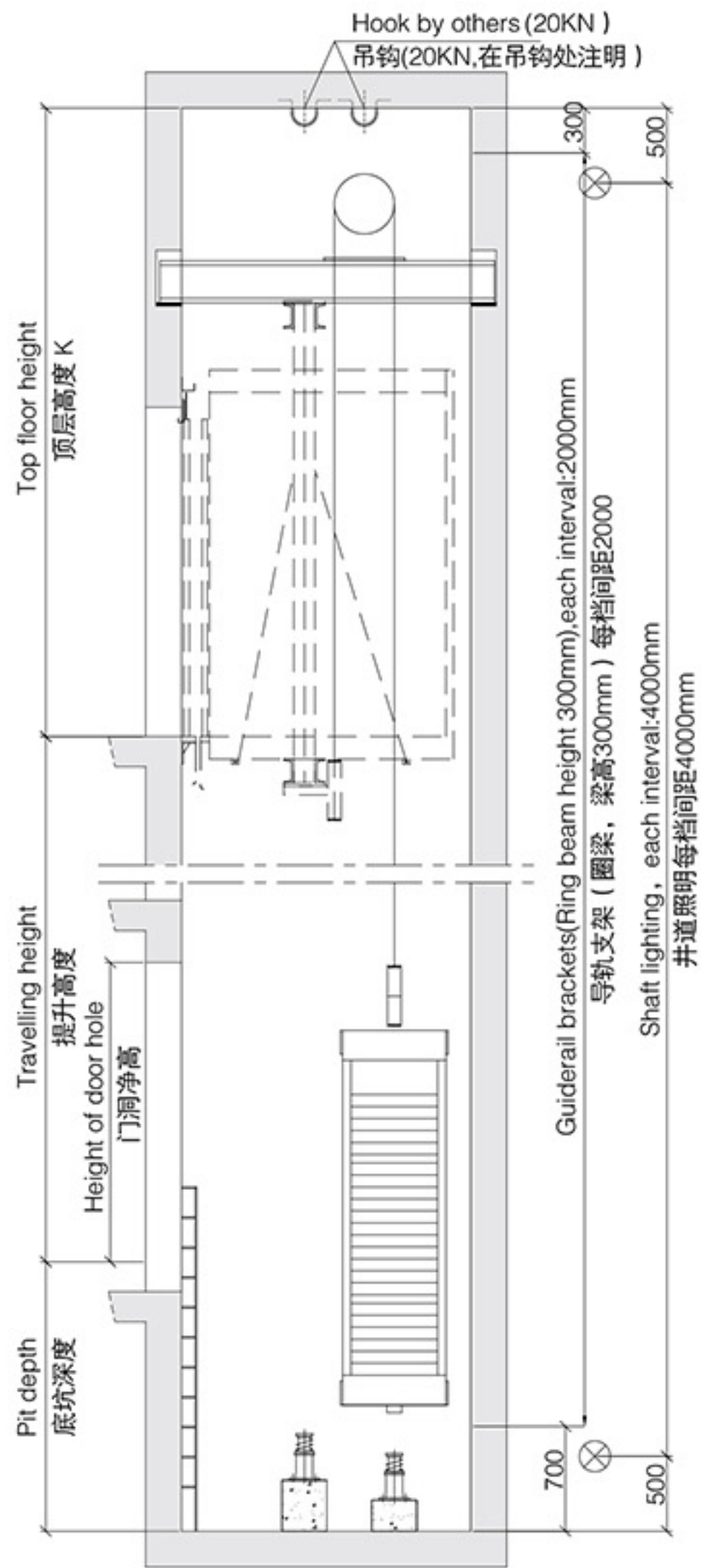
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

CONSTRUCTION LAYOUT DRAWING

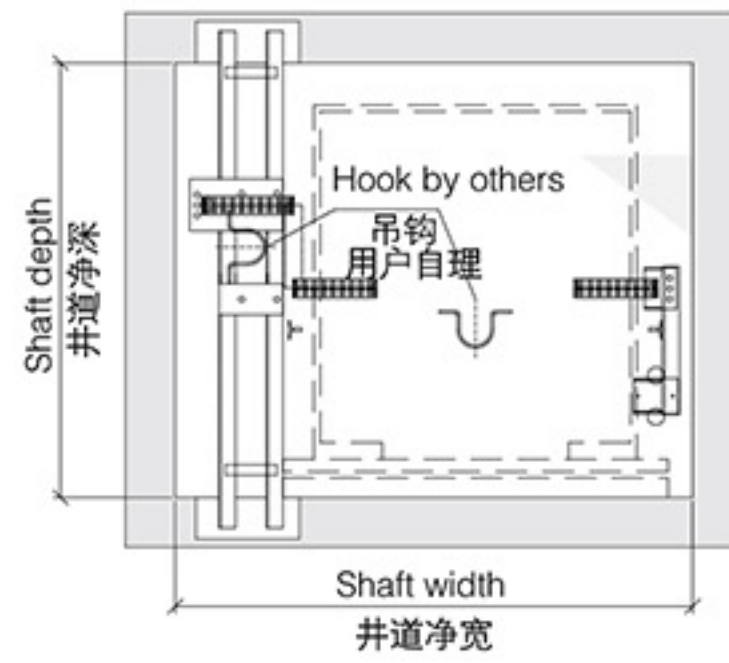
Roomless Passenger Elevator

无机房乘客电梯土建参数

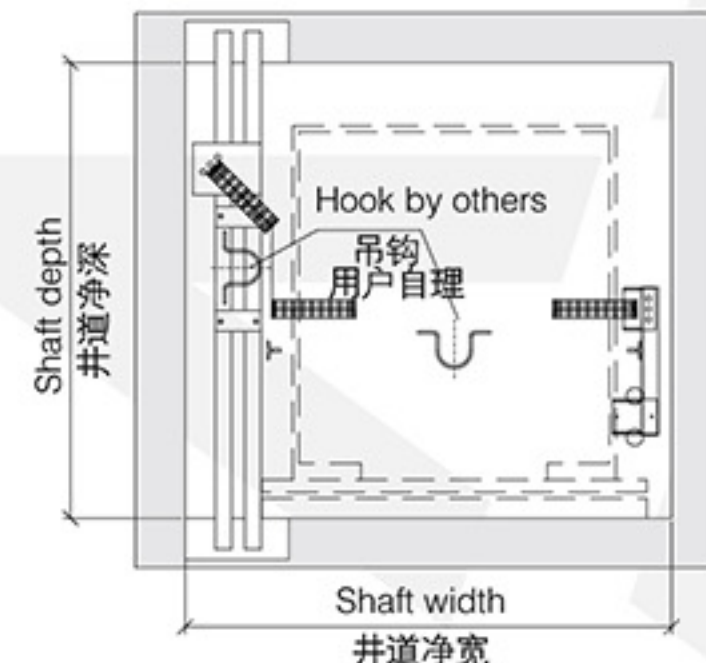
Hoistway elevational drawing
井道立面图



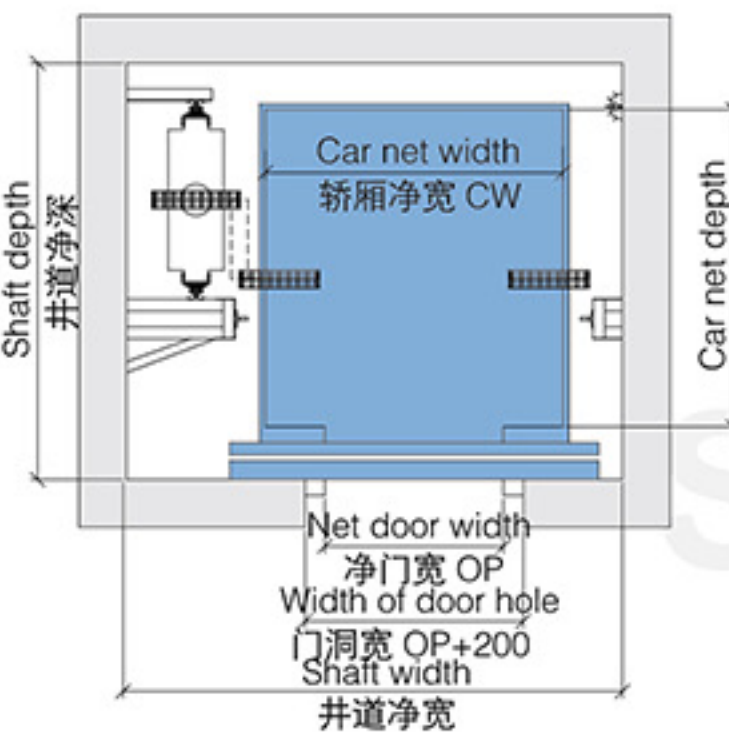
Overhead plane layout
顶层平面布置图



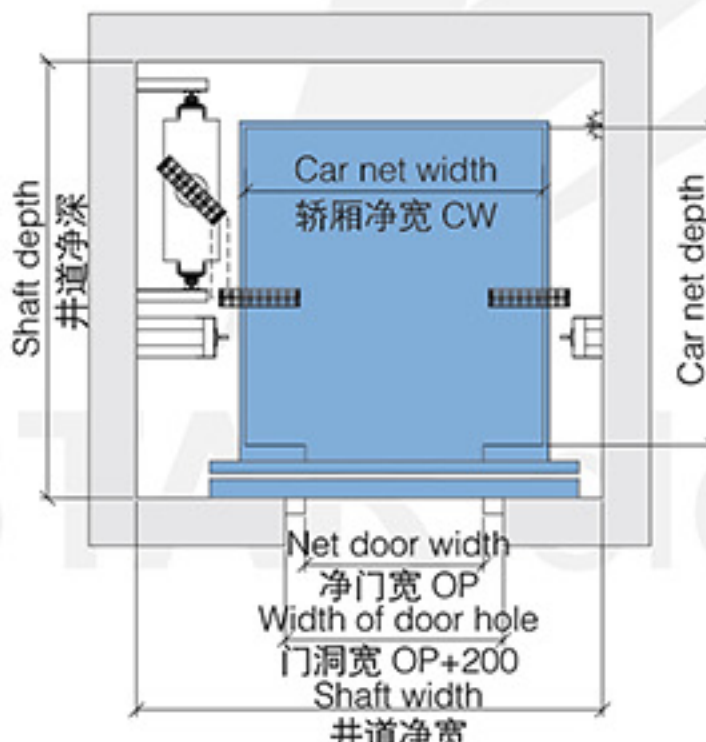
Overhead plane layout
顶层平面布置图



Hoistway plan layout
井道平面布置图



Hoistway plan layout
井道平面布置图



Machine roomless passenger elevator parameters
无机房乘客电梯参数表

Load (kg) 载重 (kg)	Speed 速度 (m/s)	Car dimension (mm) 轿厢尺寸 (mm)	Door-opening size(mm) 开门尺寸 (mm)	Hoistway size(mm) 井道尺寸 (mm)	Overhead height 顶层高度 (OH)	Pit depth 底坑深度 (PP)
		Inner size AXB 内尺寸AXB	Net door-opening 净开门C	Width x depth 宽 x 深		
630	1.0	1400X1100	800	2250X1700	4500	1600
	1.5					
	1.75					
	2.0					
800	1.0	1400X1350	800	2250X1800	4500	1600
	1.5					
	1.75					
	2.0					
1000	1.0	1600X1500	900	2450X2000	4500	1600
	1.5					
	1.75					
	2.0					
1250	1.0	1800X1550	1100	2750X2050	4600	1600
	1.5					
	1.75					
	2.0					
1350	1.0	1900X1600	1100	2850X2050	4700	1600
	1.5					
	1.75					
	2.0					
1600	1.0	1950X1700	1100	2950X2200	4700	1700
	1.5					
	1.75					
	2.0					

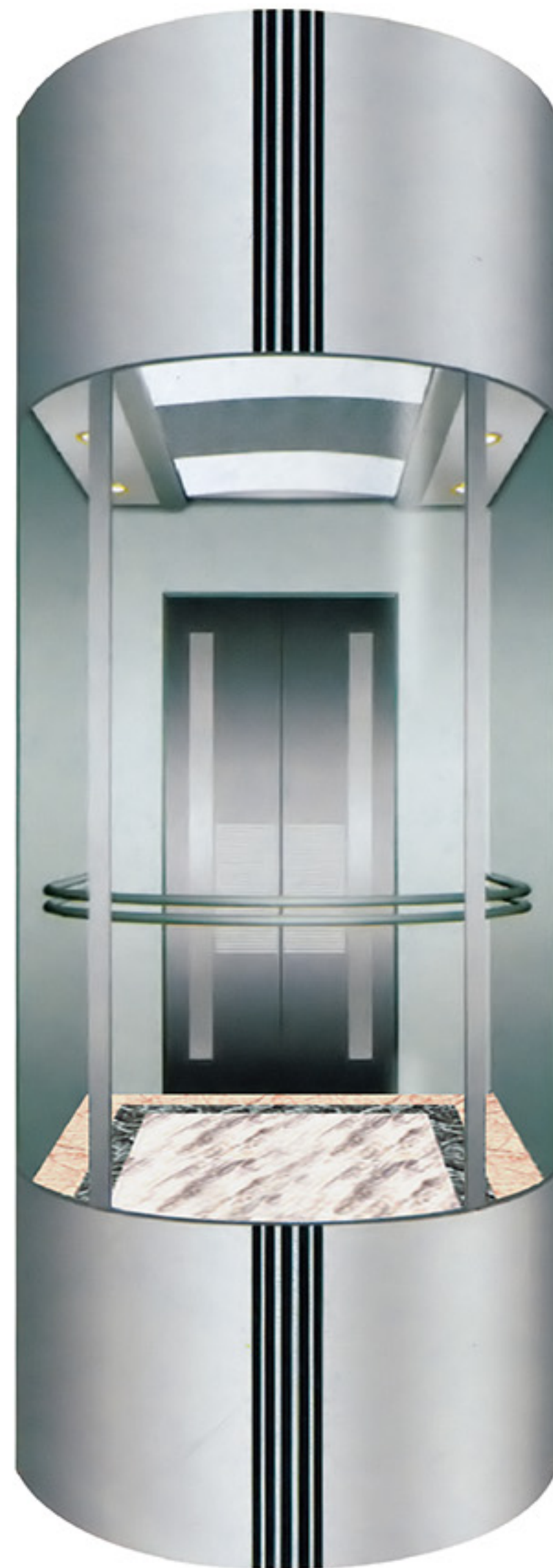
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考,详细参数以技术图纸为准。)

STAR PANORAMIC ELEVATOR

STAR 观光电梯

SEMICIRCLE TYPE

半圆形



XR-D08

Central image arch, stainless steel base plate is supplemented with soft lighting design of down lamp at both sides.

中部是影像拱顶，两侧为不锈钢底板上辅以筒灯的柔光照明设计。



XR-H17

Pair stainless steel tube for handrail
不锈钢双联圆管扶手



XR-F14

XR-G01 (Standard 标配)

Car cover: Steel plate baking finish
Observation wall: Laminated glass
Decoration roof: XR-D08
Car wall: Hairline stainless steel
Handrail: stainless steel pair tube
Floor: PVC/Marble

上下罩：钢板烤漆
观光壁：安全夹胶玻璃
装饰顶：XR-D08
轿壁：发纹不锈钢
扶手：不锈钢双管
地板：PVC/大理石

SQUARE TYPE

方形



XR-D02

Stainless steel mirror base plate is supplemented with golden down lamp and car wall. Central part consists of soft lighting design of arched white light-emitting panel.

在镜面不锈钢底板上辅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。



XR-H16

Matte short-grain stainless steel pipe
不锈钢管亚光短纹



XR-F01B

XR-G12 (Standard 标配)

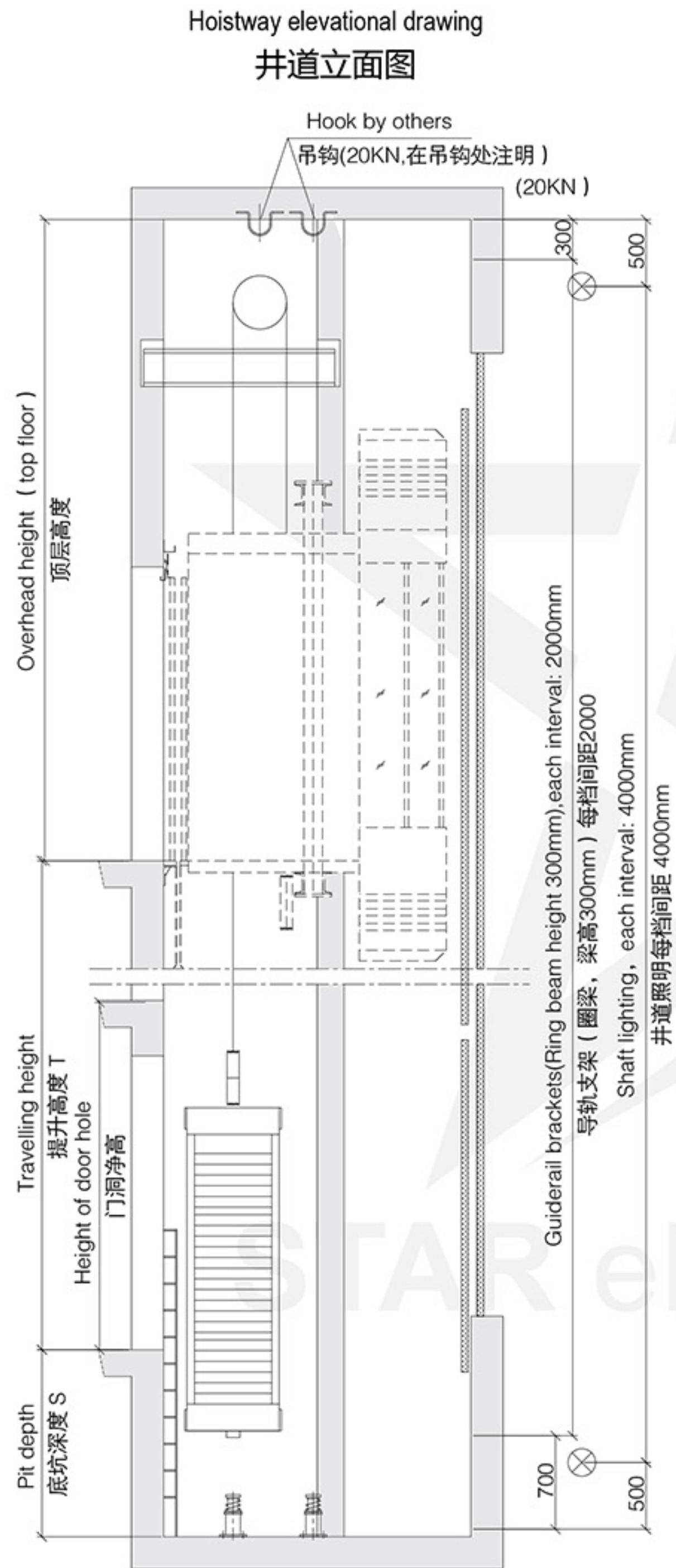
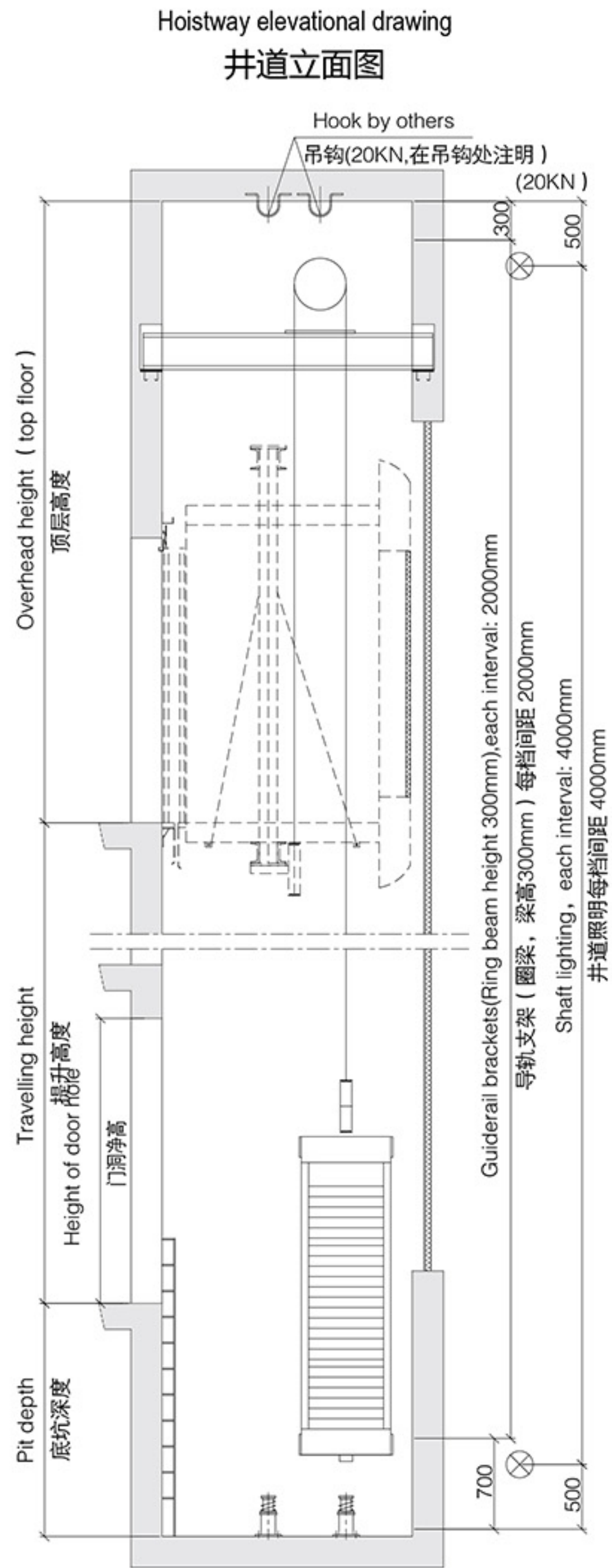
Car cover: Painted steel plate, acrylic lighting decoration
Observation wall: Square, Glue glass of safety clamp
Decoration roof: XR-D02
Car wall: Hairline stainless steel
Handrail: Stainless steel tube
Floor: PVC/Marble

上下罩：钢板烤漆，配亚克力灯饰
观光壁：方形，安全夹胶玻璃
装饰顶：XR-D02
轿壁：发纹不锈钢
扶手：不锈钢单管
地板：PVC/大理石

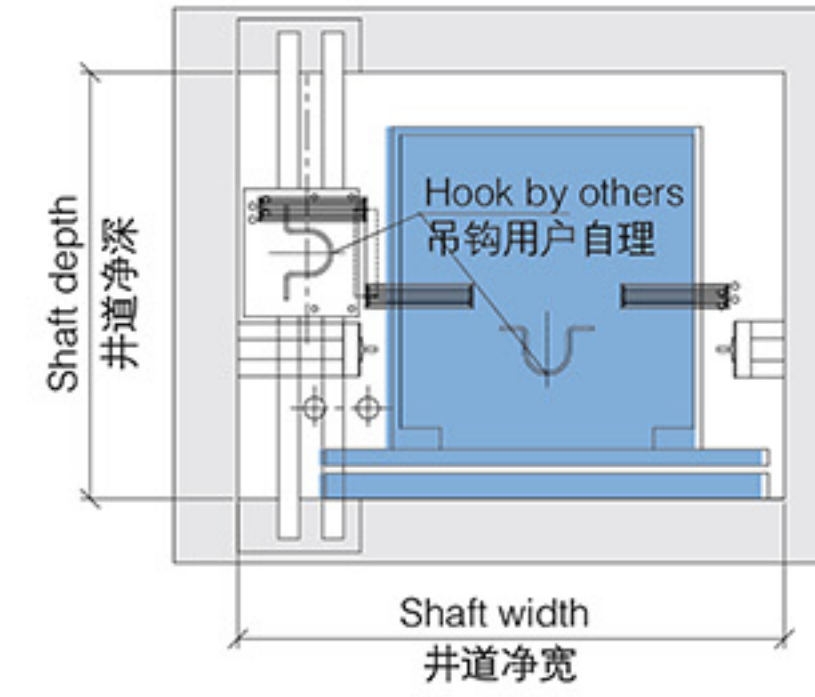
CONSTRUCTION LAYOUT DRAWING

Machine Roomless Panoramic Elevator

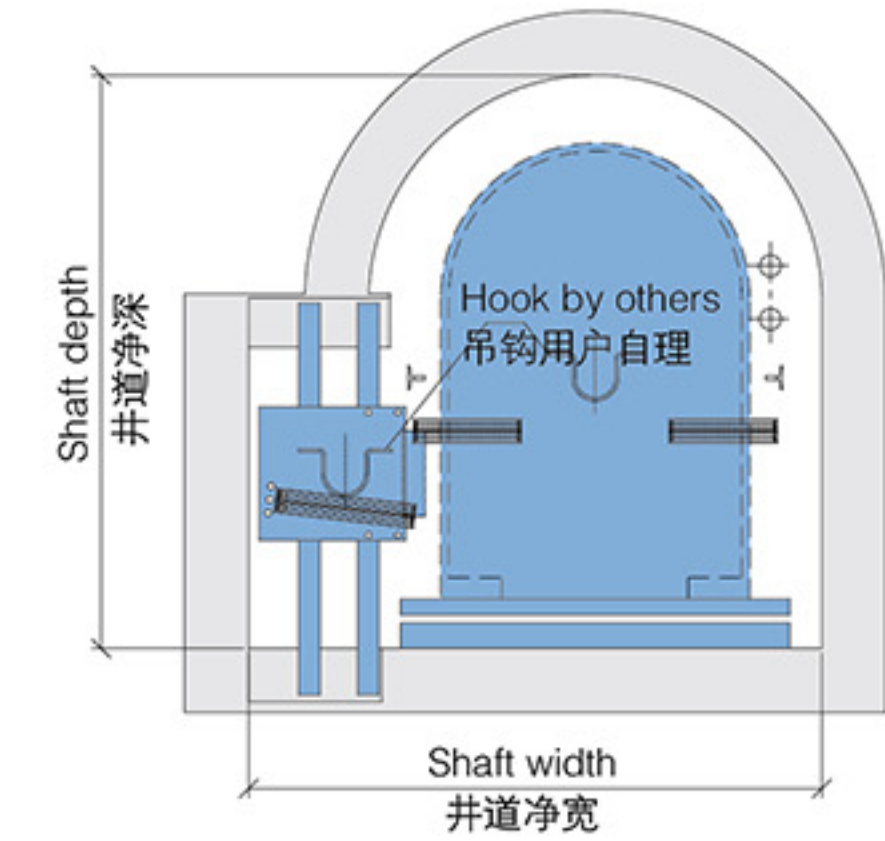
无机房观光电梯土建参数



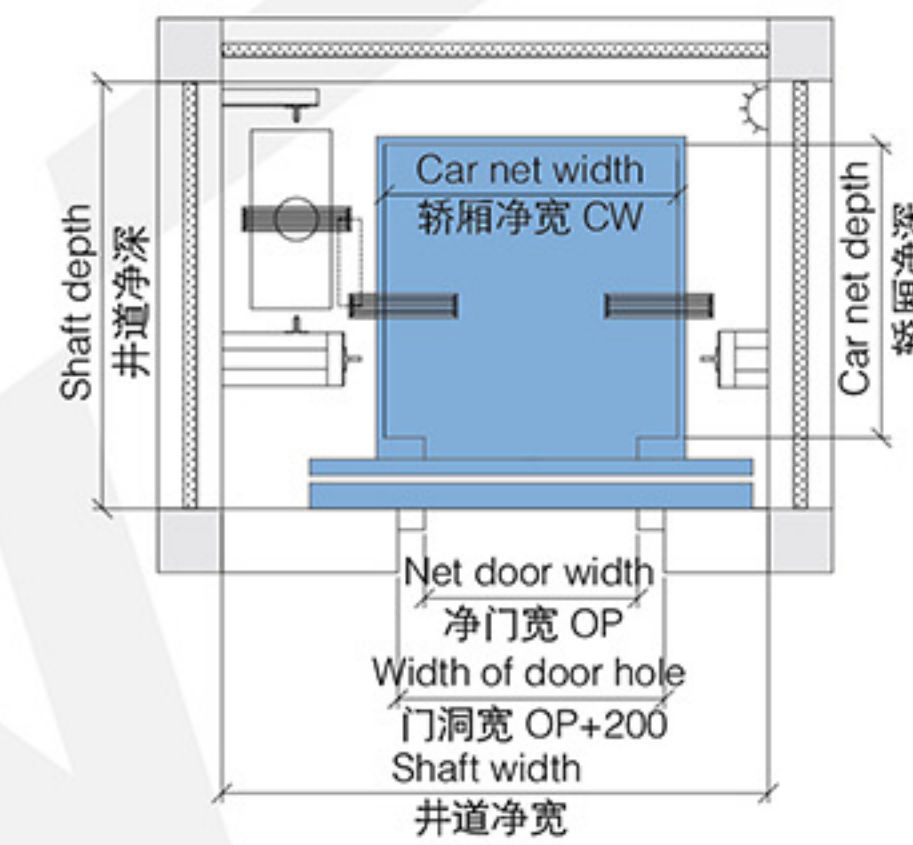
Top plan layout
顶层平面布置图



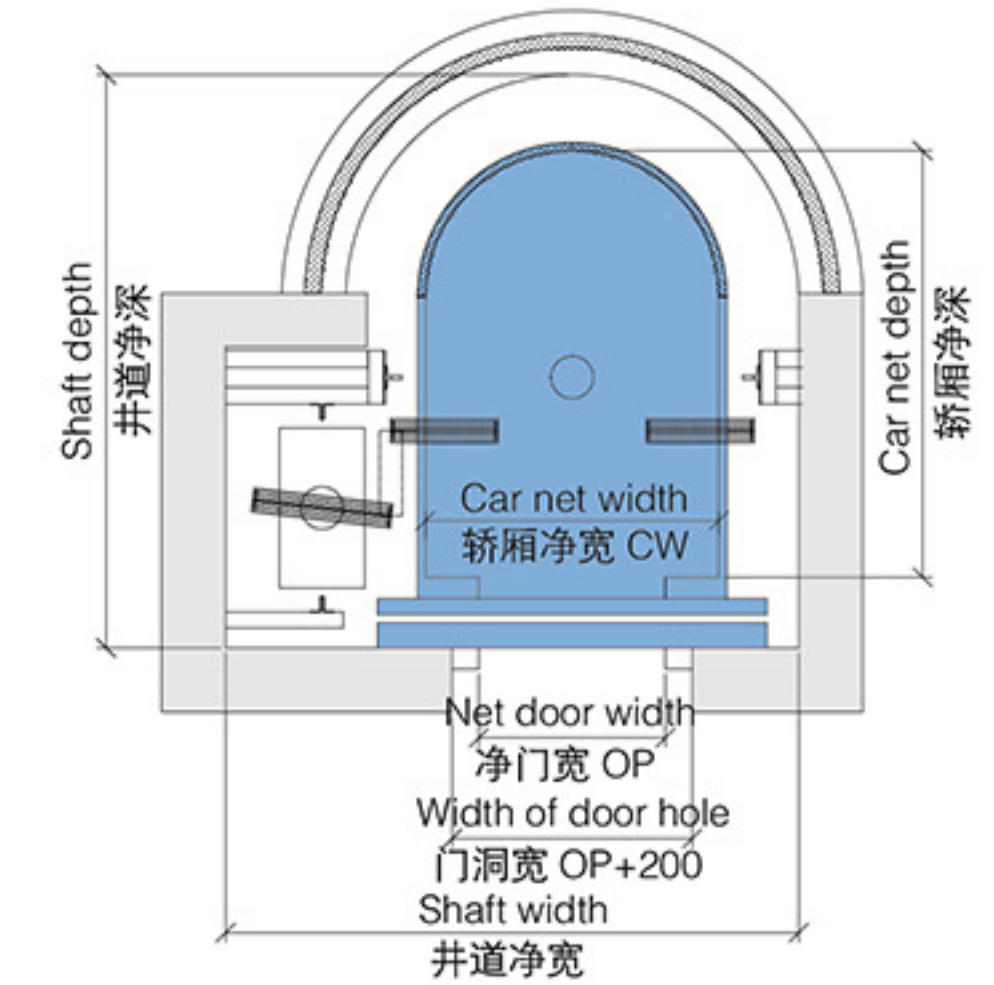
Top plan layout
顶层平面布置图



Hoistway plan layout
井道平面布置图



Hoistway plan layout
井道平面布置图



Machine roomless panoramic elevator construction parameters
无机房观光电梯土建参数

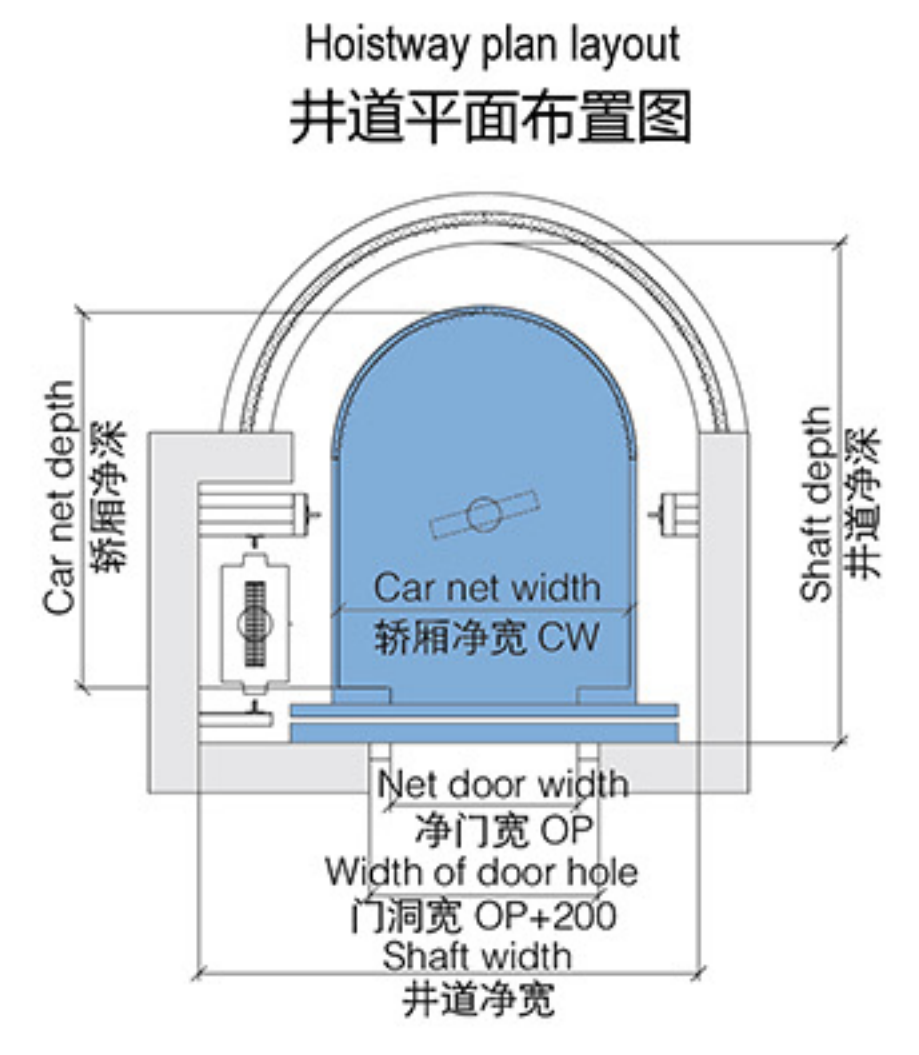
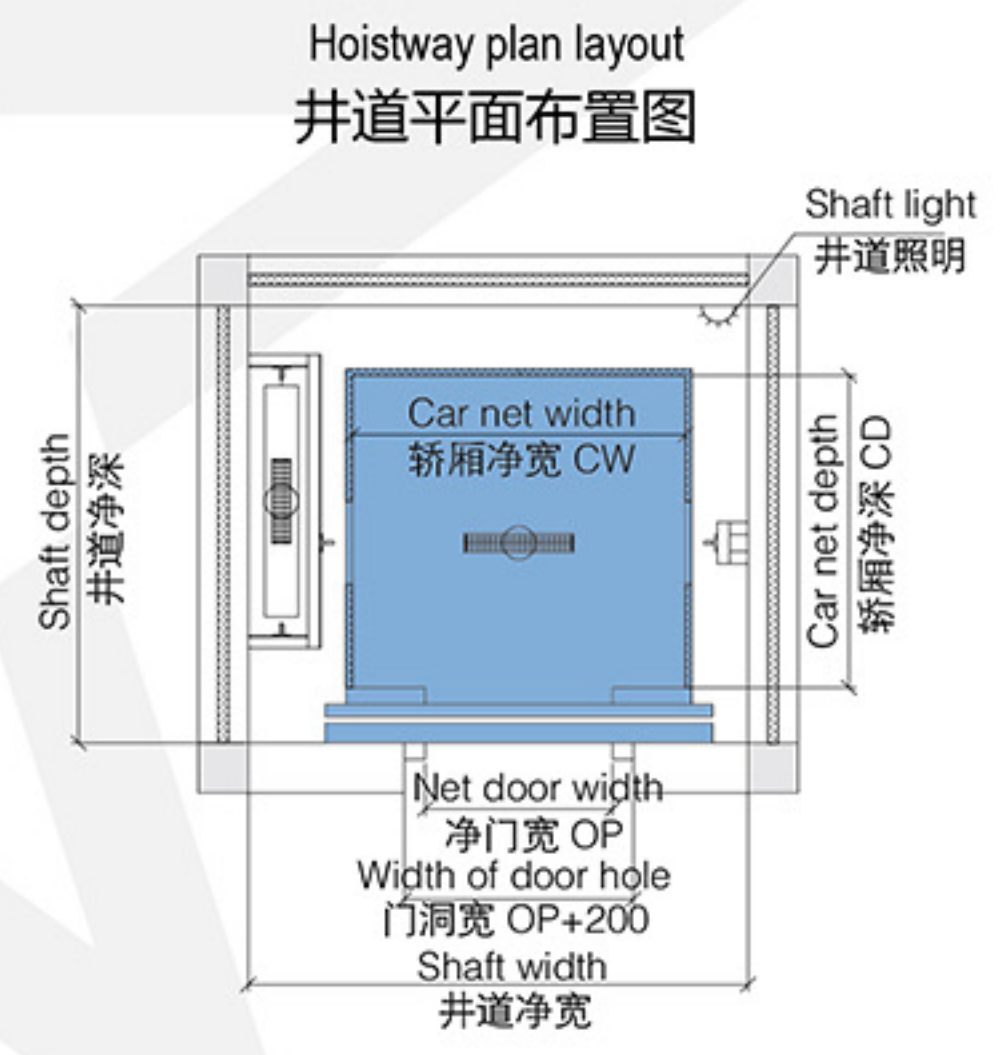
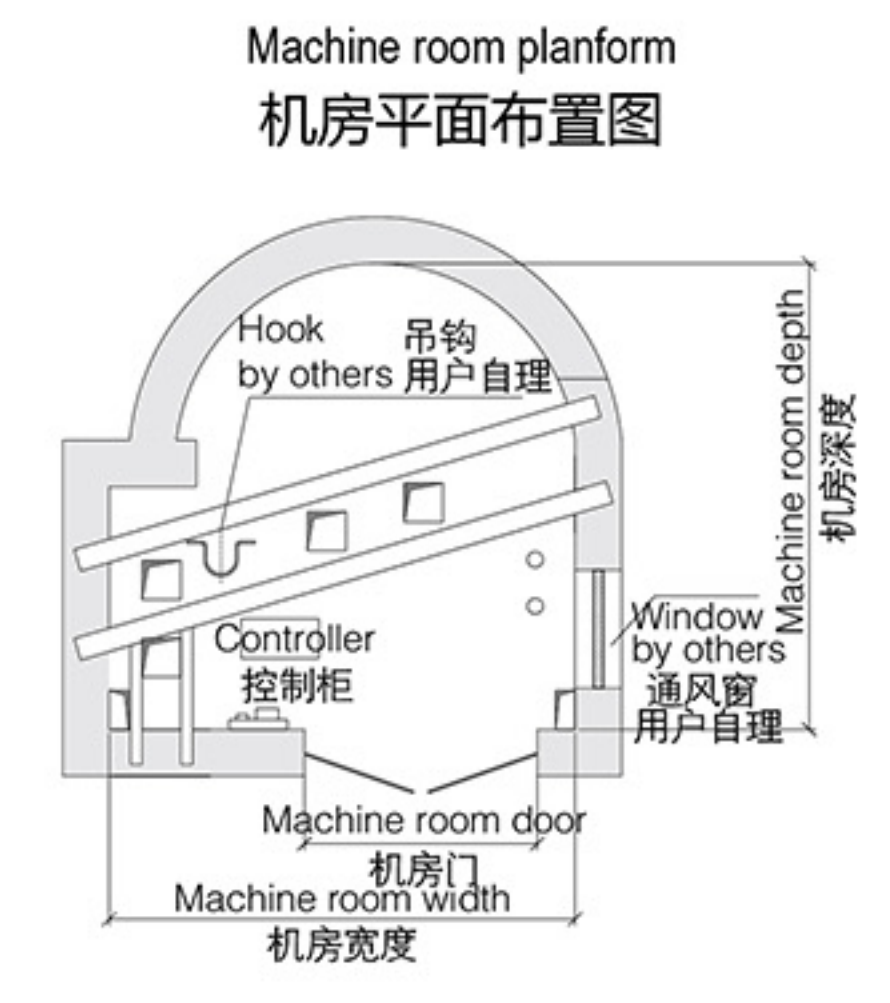
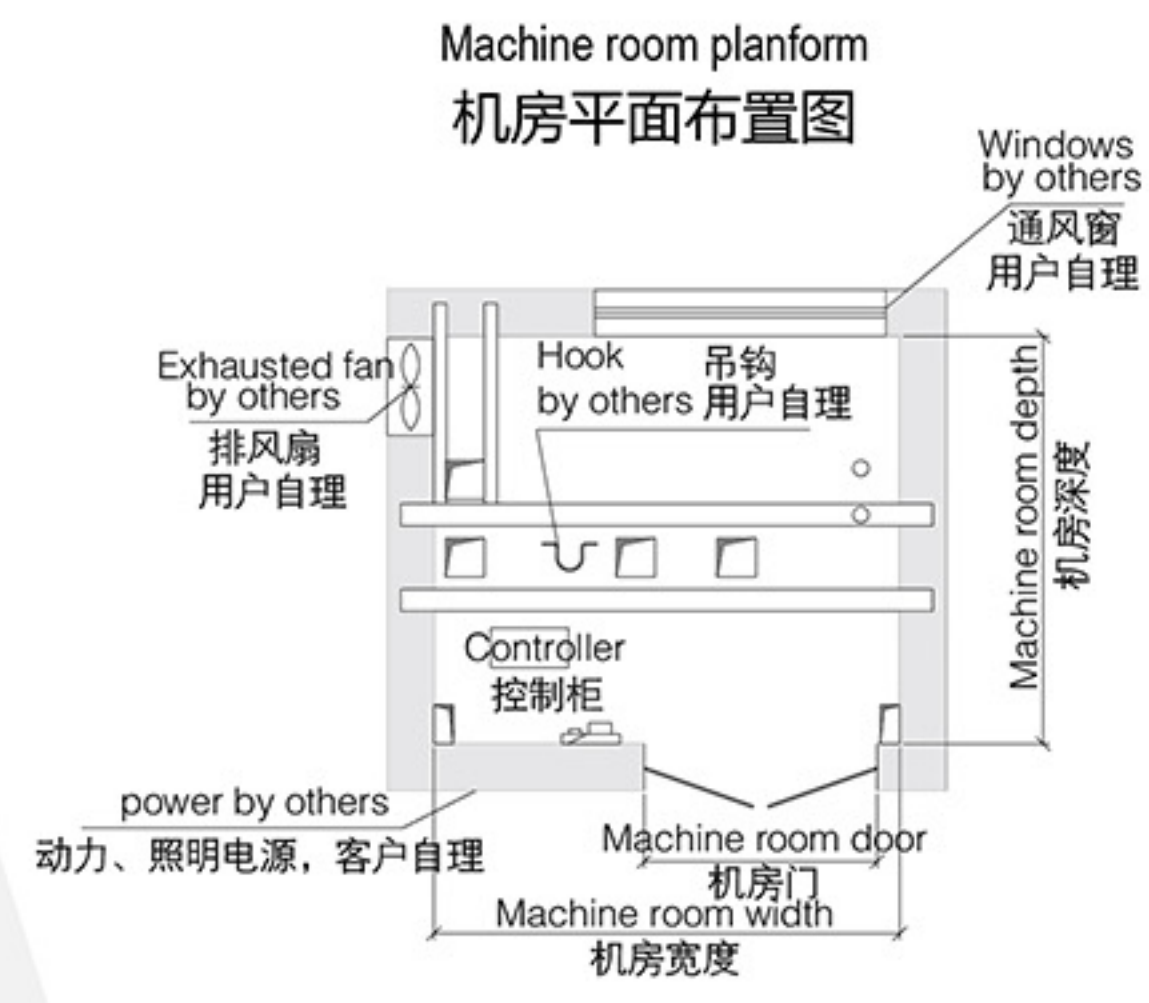
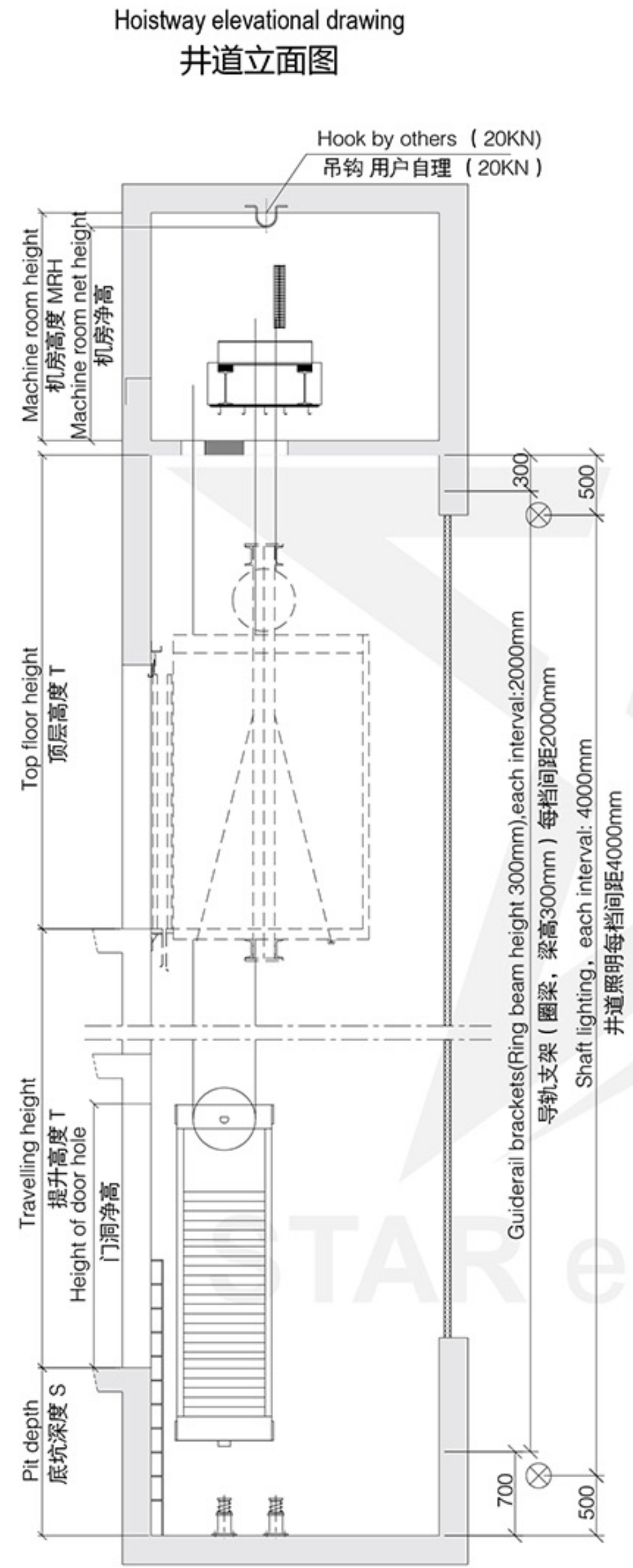
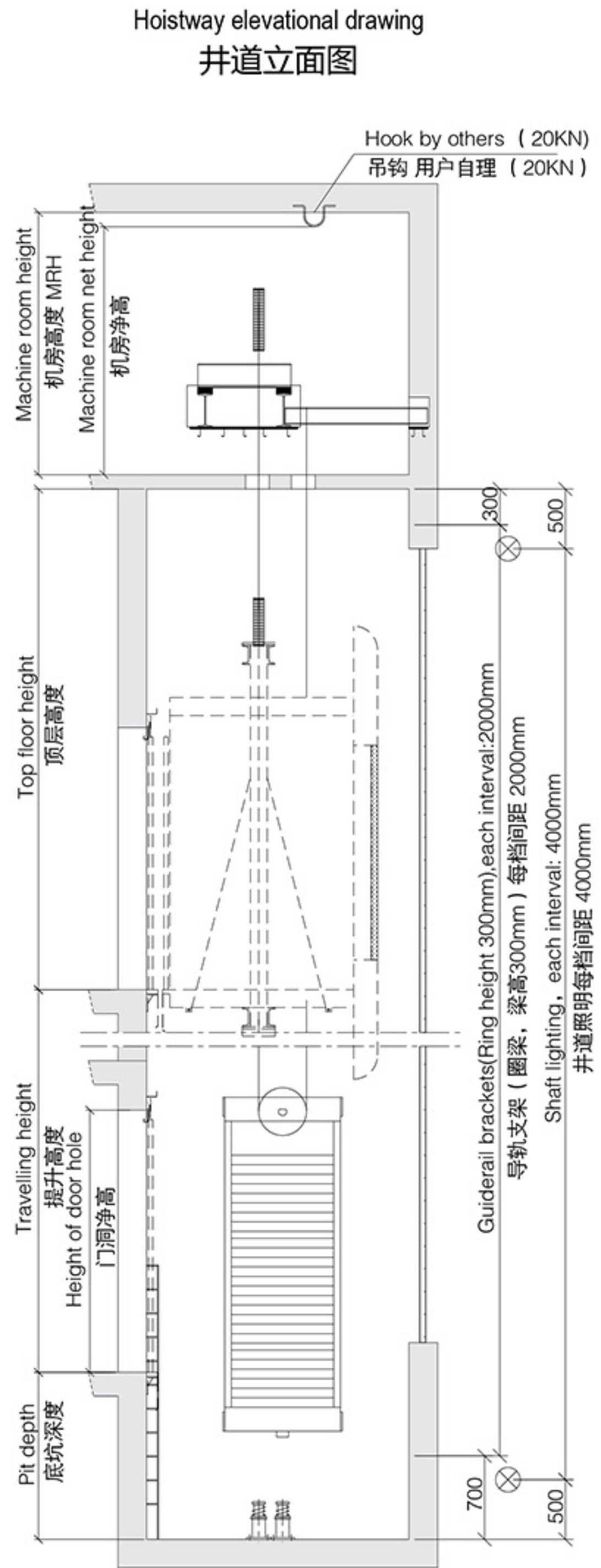
Rated capacity 额定载重 (kg)	Rated Speed 额定速度 (m/s)	Door Opening Size 开门尺寸(mm)	Car Size 轿厢尺寸 (mm)	Shaft Size 井道尺寸 (mm)	Overhead height 顶层高度(OH)	Pit depth 底坑深度 (PP)
800	1.0	800x2100	1200x1700	2300x2300	4600	1600
800	1.75	800x2100	1200x1700	2300x2300	4700	1750
1000	1.0	900x2100	1400x1850	2500x2450	4600	1600
1000	1.75	900x2100	1400x1850	2500x2450	4700	1750

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

CONSTRUCTION LAYOUT DRAWING

Small Machine Room Panoramic Elevator

小机房观光电梯土建参数



Small machine room panoramic elevator construction parameters
小机房观光电梯土建参数

Rated capacity 额定载重 (kg)	Rated Speed 额定速度 (m/s)	Door Opening Size 开门尺寸 (mm)	Car Size 轿厢尺寸 (mm)	Shaft Size 井道尺寸 (mm)	Overhead height 顶层高度 (OH)	Pit depth 底坑深度 (PP)
800	1.0	800x2100	1350x1400	2200x1800	4500	1800
800	1.5	800x2100	1350x1400	2200x1800	4600	1800
800	1.75	800x2100	1350x1400	2200x1800	4800	1800
1000	1.0	900x2100	1400x1600	2400x1800	4500	1800
1000	1.5	900x2100	1400x1600	2400x1800	4600	1800
1000	1.75	900x2100	1400x1600	2400x1800	4800	1800

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

STAR FREIGHT ELEVATOR

STAR 载货电梯

Side opening



XR-FE01 (standard 标配)

Car top: Painted steel
Ventilation: Circular fan
Car walls: Painted steel
Car door: Painted steel
Car floor: Chequered plate steel
Sill: Iron

轿 顶：喷塑钢板
通 风：圆形风扇
轿 壁：喷塑钢板
轿 门：喷塑钢板
地 板：花纹钢板
地 坎：铁

Side opening (This is for reference only.)
旁开式(仅供参考, 以实物为准)

4-panels center opening

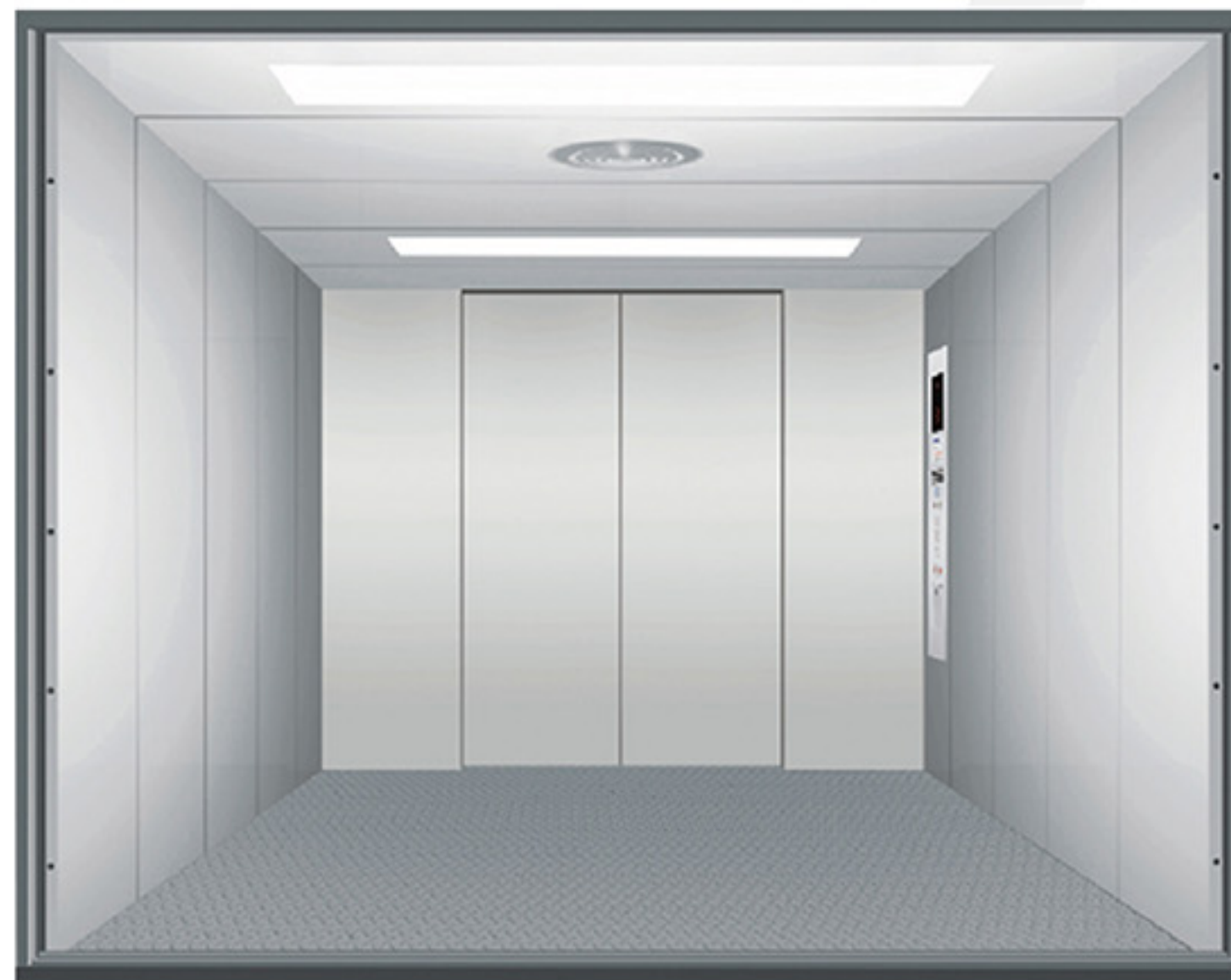


XR-FE03 (选配 optional)

Car top: Painted steel
Ventilation: Circular fan
Car walls: Painted steel
Car door: Painted steel
Car floor: Chequered plate steel
Sill: Iron

轿 顶：喷塑钢板
通 风：圆形风扇
轿 壁：喷塑钢板
轿 门：喷塑钢板
地 板：花纹钢板
地 坎：铁

2-panels center opening



XR-FE02 (standard 标配)

Car top: Painted steel
Ventilation: Circular fan
Car walls: Painted steel
Car door: Painted steel
Car floor: Chequered plate steel
Sill: Iron

轿 顶：喷塑钢板
通 风：圆形风扇
轿 壁：喷塑钢板
轿 门：喷塑钢板
地 板：花纹钢板
地 坎：铁

XR-FE04 (选配 optional)

Car top: Hairline stainless steel
Ventilation: From car roof
Car walls: Hairline stainless steel
Car door: Hairline stainless steel
Car floor: Chequered plate steel
Sill: Iron

轿 顶：发纹不锈钢
通 风：轿顶通风
轿 壁：发纹不锈钢
轿 门：发纹不锈钢
地 板：花纹钢板
地 坎：铁

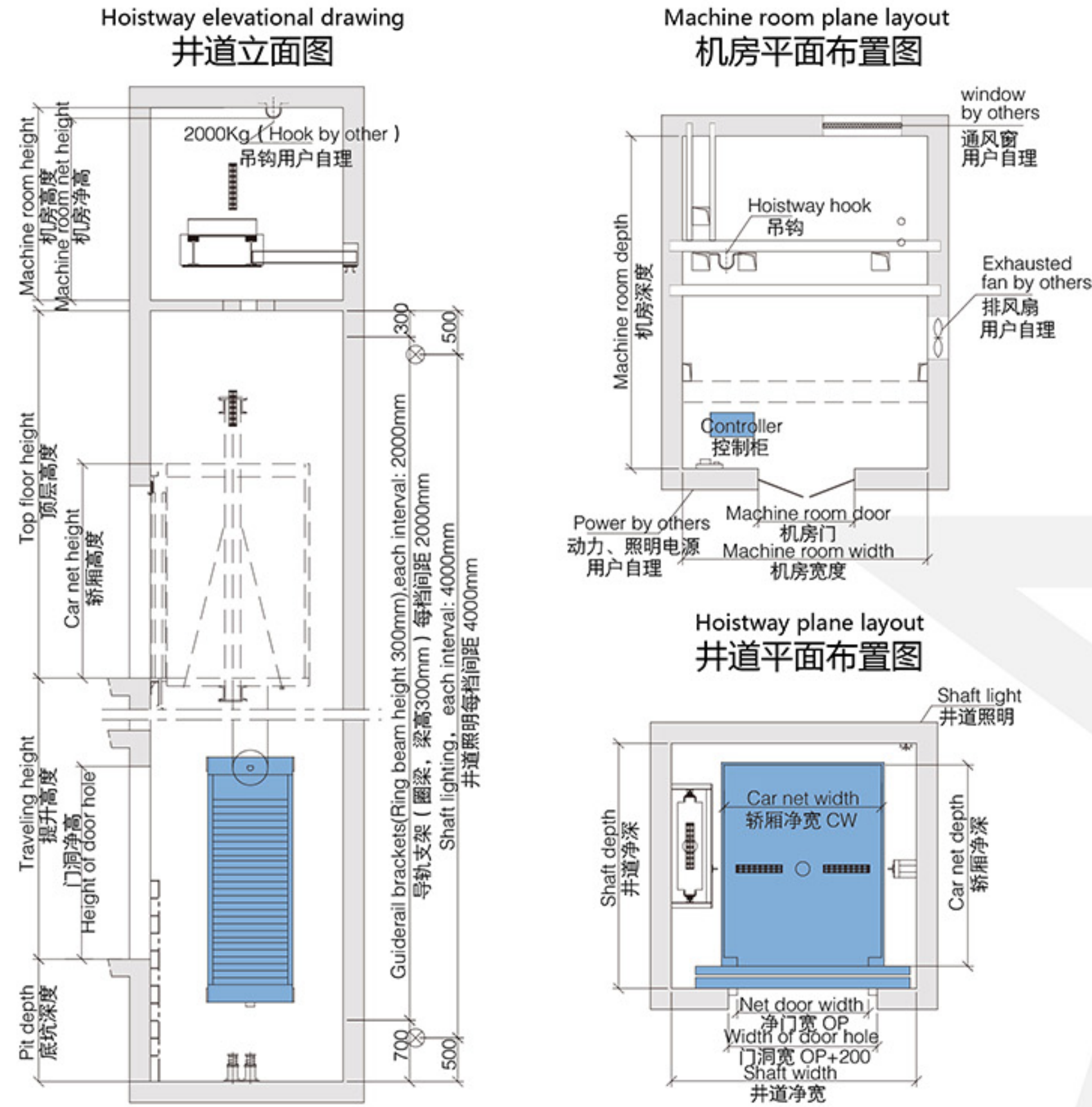
All hairline stainless steel finished



CONSTRUCTION LAYOUT DRAWING

Freight Elevator

载货电梯土建参数



Freight elevator construction parameters
载货电梯土建参数

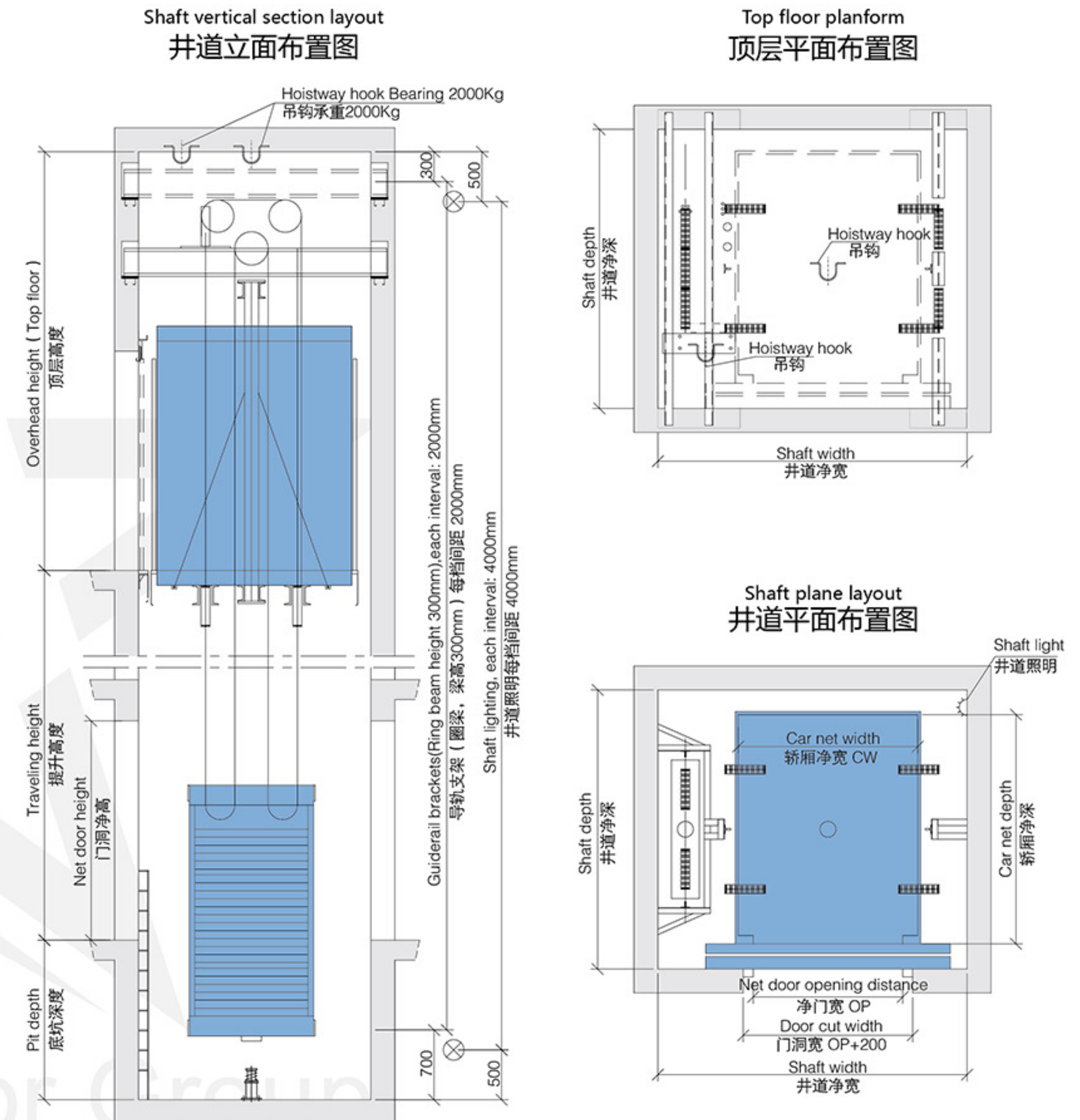
Load (kg) 载重量	Speed (m/s) 速度	Door open type 开门方式	Car size 轿厢尺寸 CW×CD	Door open size 开门尺寸 OP×OPH	Hoistway size 井道尺寸 HW×HD	Machine room size 机房尺寸 MW×MD×HT	Pit depth 底坑深度PD	Overhead height 顶层高度OH
1000	0.5	Center opening 中分	1400×1600	1000×2100	2200×2100	2200×3600	1400	4200
	1.0			1200×2100				
1600	0.5	Double-folded side-opening 双折旁开	1500×2300	1300×2100	2400×2800	2400×4000	1400	4300
	1.0			1200×2100				
2000	0.5	Center opening double-folded 中分双折	1900×2200	1600×2200	2950×2700	2950×4000	1500	4500
	1.0			1800×2200				
3000	0.5	Double-folded side-opening 双折旁开	2200×2550	1800×2200	3300×3050	3300×4200	1600	4600
	1.0			1200×2100				
5000	0.25	Center opening double-folded 中分双折	2500×3500	2400×2200	4000×4000	4050×5000	1600	4600
	0.5			1200×2100				

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

CONSTRUCTION LAYOUT DRAWING

Machine Roomless Freight Elevator

无机房载货电梯土建参数



Machine roomless freight elevator construction parameters
无机房载货电梯土建参数

Load (kg) 载重量	Speed (m/s) 速度	Door open type 开门方式	Car size 轿厢尺寸 CW×CD	Door open size 开门尺寸 OP×OPH	Hoistway size 井道尺寸 HW×HD	Machine room size 机房尺寸 MW×MD×HT	Pit depth 底坑深度PD	Overhead height 顶层高度OH
1000	0.5	双折旁开 Double-folded side-opening	1400×1600	1200×2100	2200×2100	1150	1400	4200
	1			1200×2100				
2000	0.5	双折中分 Center opening double-folded	1900×2200	1600×2100	3050×2700	1500	1600	4500

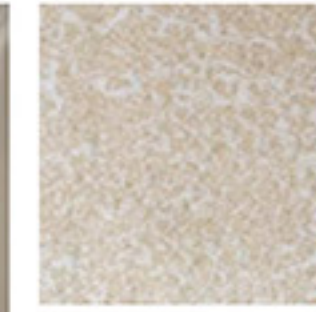
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

STAR HOME ELEVATOR

STAR 家用电梯



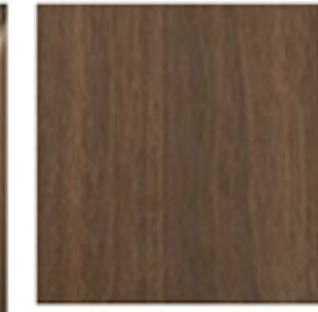
High-grade cabin decorations 高级轿厢装潢



Main panels
Jade green stone pattern
主要面板
翠绿石雕



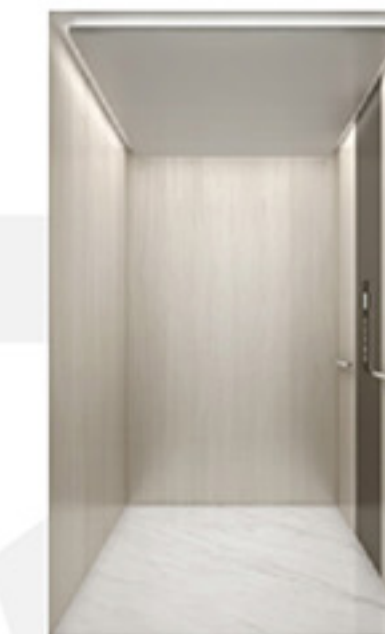
C.O.P panel
Calf leather pattern
操纵箱面板
小牛皮纹



Main panels
Ebony pattern
主要面板
黑檀木



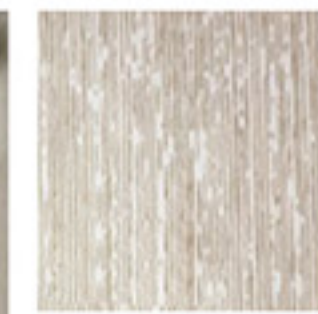
C.O.P panel
Metal hairline pattern
操纵箱面板
金属发丝



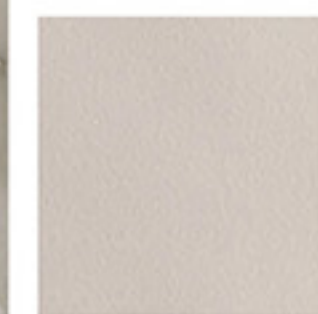
Main panels
White oak pattern
主要面板
白橡木



C.O.P panel
Metal hairline pattern
操纵箱面板
金属发丝

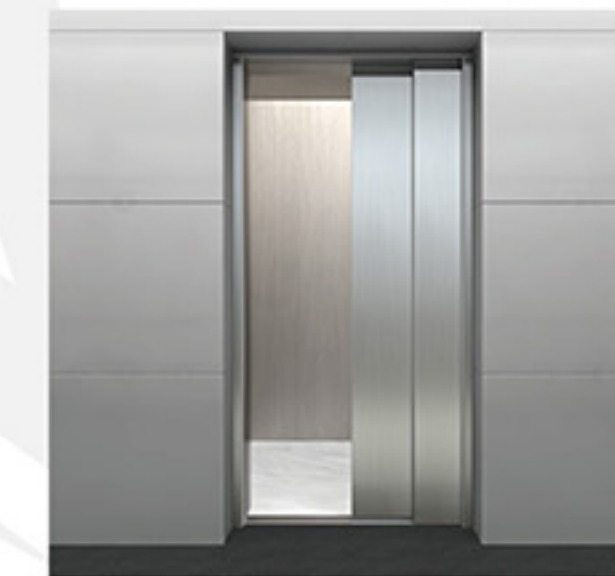


Main panels
Reed leaf pattern
主要面板
粽叶纹

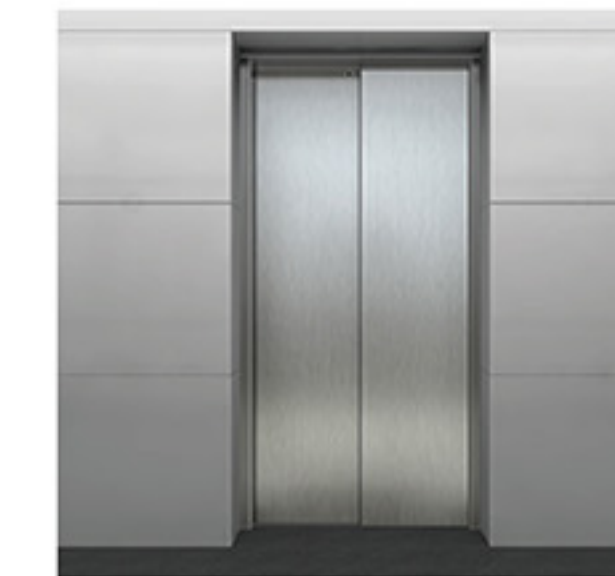


C.O.P panel
Snowflake pattern
操纵箱面板
雪花白

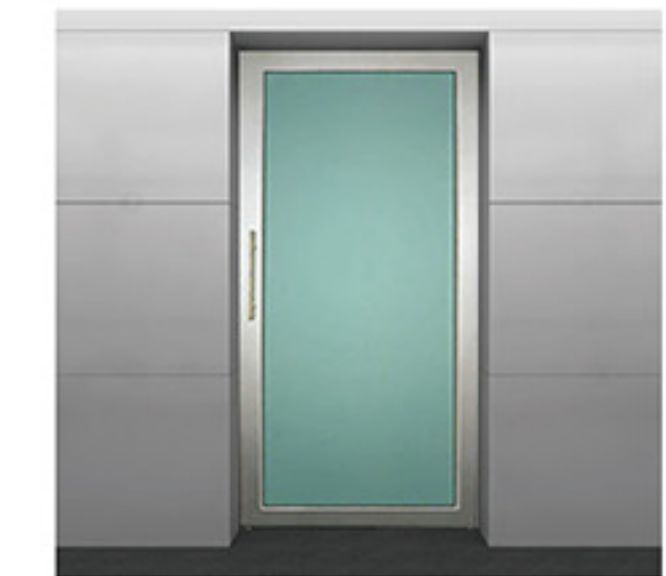
Different opening type 各种开门方式



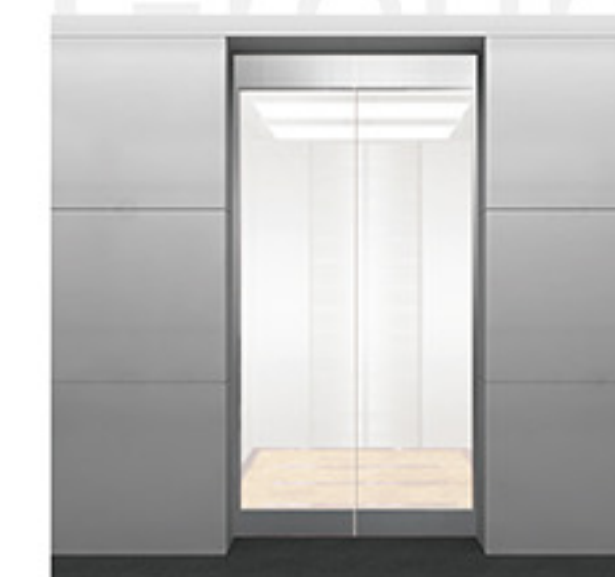
Mirror stainless steel
镜面不锈钢



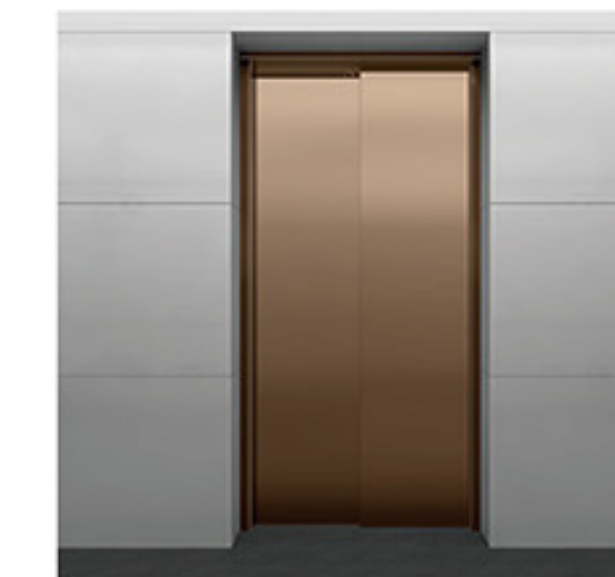
Short silk anti fingerprint
stainless steel
短丝抗指纹不锈钢



Hand glass door
手拉玻璃门



Automatic glass door
自动玻璃门



Rose gold stainless steel
玫瑰金不锈钢



Hand wooden door
手拉木门

Your life. Your style. Your statement. With home elevator solutions from STAR elevator Group. Access, you can bring your ideal vision to life. We set the industry standard with a variety of one-of-a-kind looks and unique features with universal design. Ready to give your home a look that rises above the rest? Then it's time for a residential elevator that can help take you to the next level.

We provide customers with residential elevators that help make day-to-day living better. Every home elevator has an innovative design to create the ultimate experience. Not only do we ensure every residential elevator undergoes rigorous testing, but every elevator is available with a variety of customizable features. It's time for an elevator from STAR elevator Group.

STAR家用电梯始终坚持品质至上，秉持匠人精神，为客户提供随性、舒适、安全生活方式的全新体验，得到了开发商和业主的肯定和认可。我们承诺致力于为客户提供具有竞争力和高品质的产品、服务和解决方案，并在创造技术上不断努力。从产品开发到生产制造，从销售服务到售后服务，力求完美，只为满足您的要求。

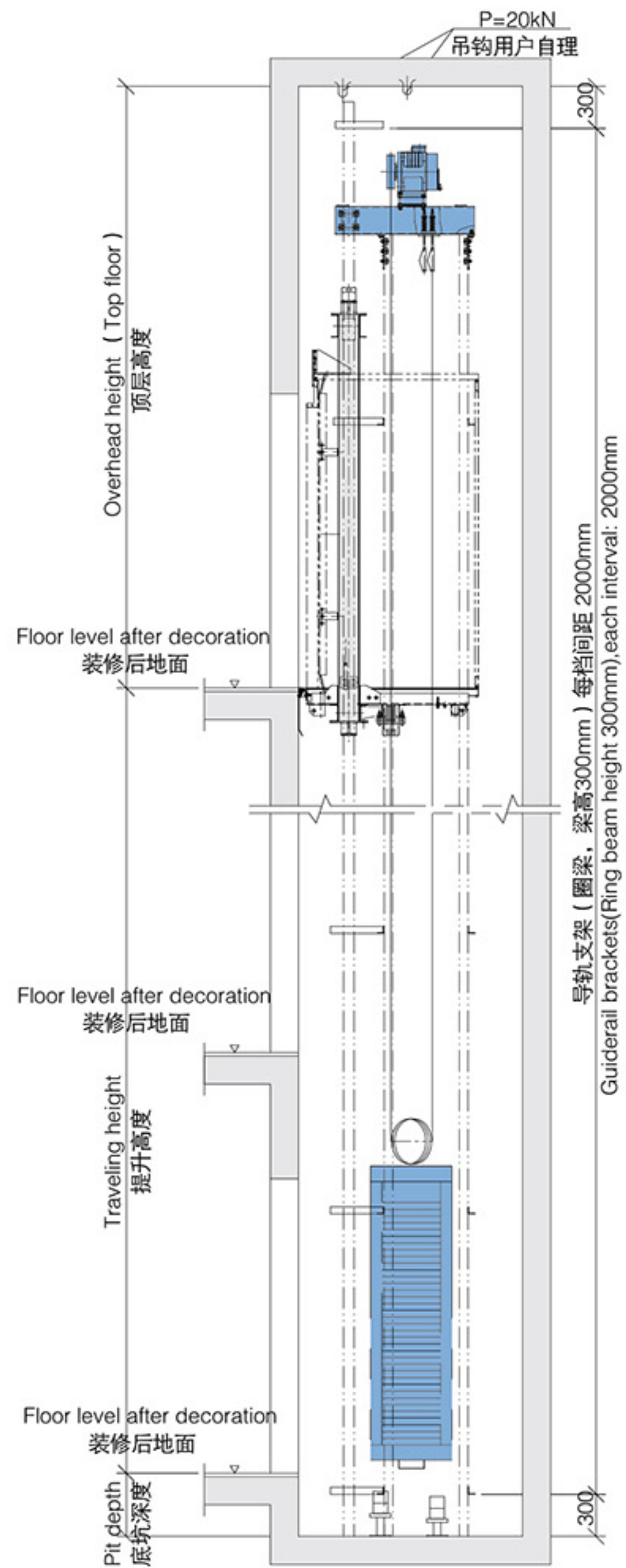
准备好给您的家再添一道亮丽的风景线了吗？来吧，选择STAR家用电梯，瞬间提高您的居家生活品质。

CONSTRUCTION LAYOUT DRAWING

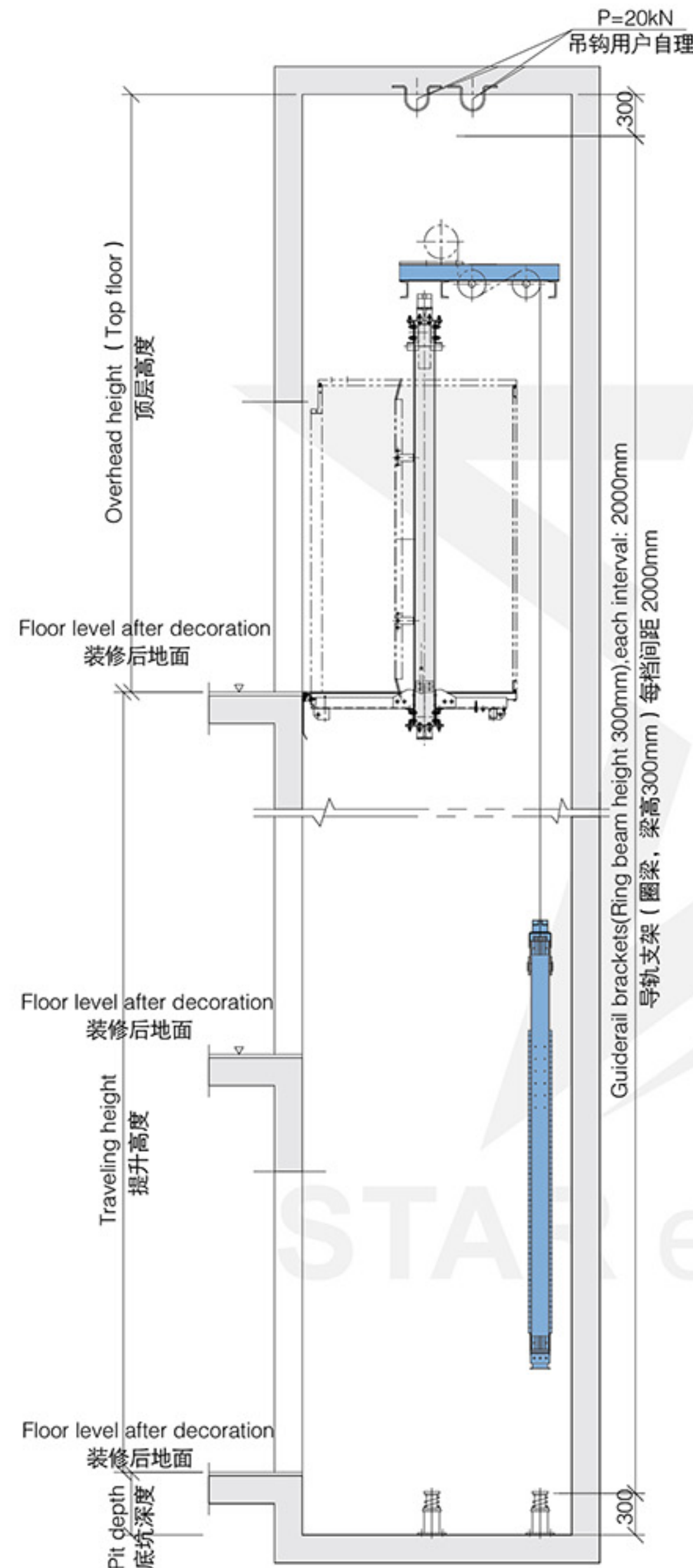
Home Elevator

家用电梯土建参数

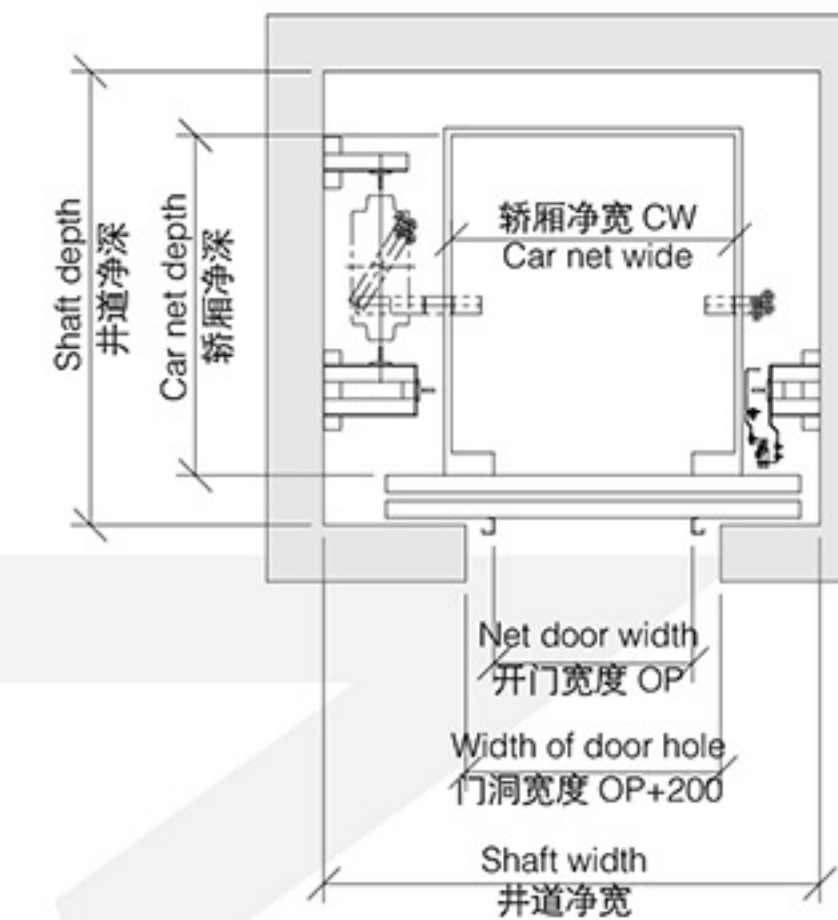
Shaft vertical section layout
井道立面布置图



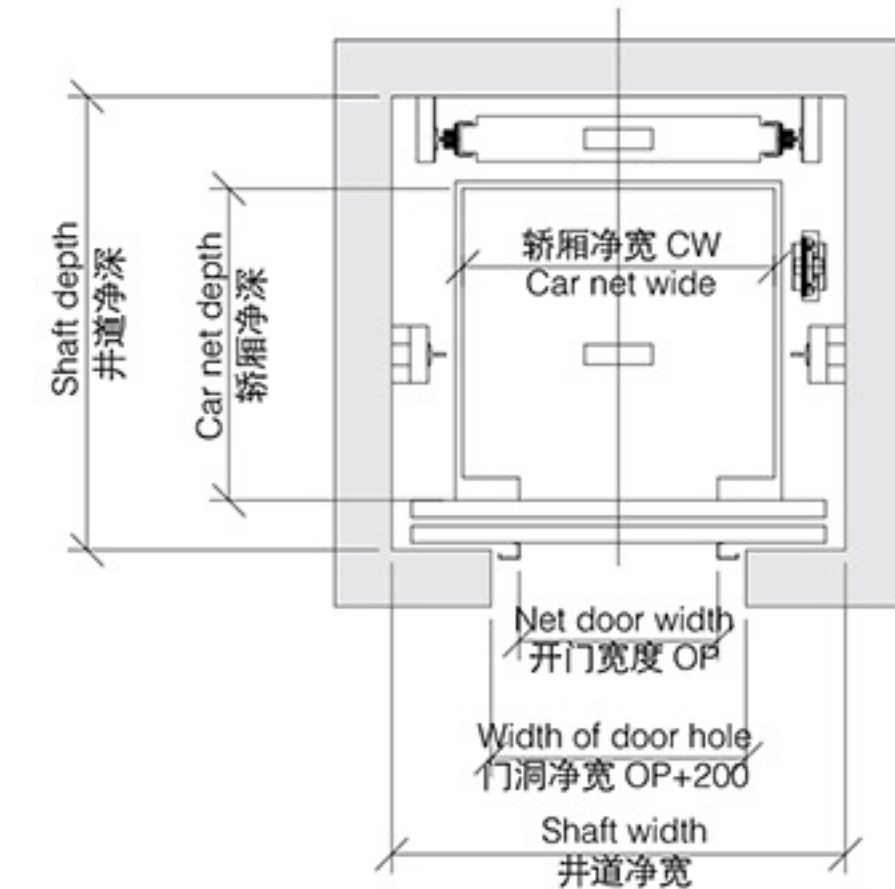
Shaft vertical section layout
井道立面布置图



Shaft plane layout
井道平面布置图



Shaft plane layout
井道平面布置图



Home elevator construction parameters
家用电梯土建参数

Load 载重 (kg)	Speed 速度 (m/s)	Door opening size 开门尺寸 (mm)	Car size (mm) 轿厢尺寸 (宽×深) (Width×Depth)	Shaft Size (mm) 井道尺寸 (宽×深) (Width×Depth)	Over head height 顶层高度 (mm)	Pit depth 底坑深度 (mm)
250	0.4	600x2000	950x1000	1600x1350	3600	650
320	0.4	650x2000	1000x1050	1650x1400	3600	650
400	0.4	700x2000	1050x1100	1700x1450	3600	650

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.
(本资料仅供设计选用参考,详细参数以技术图纸为准。)

STAR Elevator Group

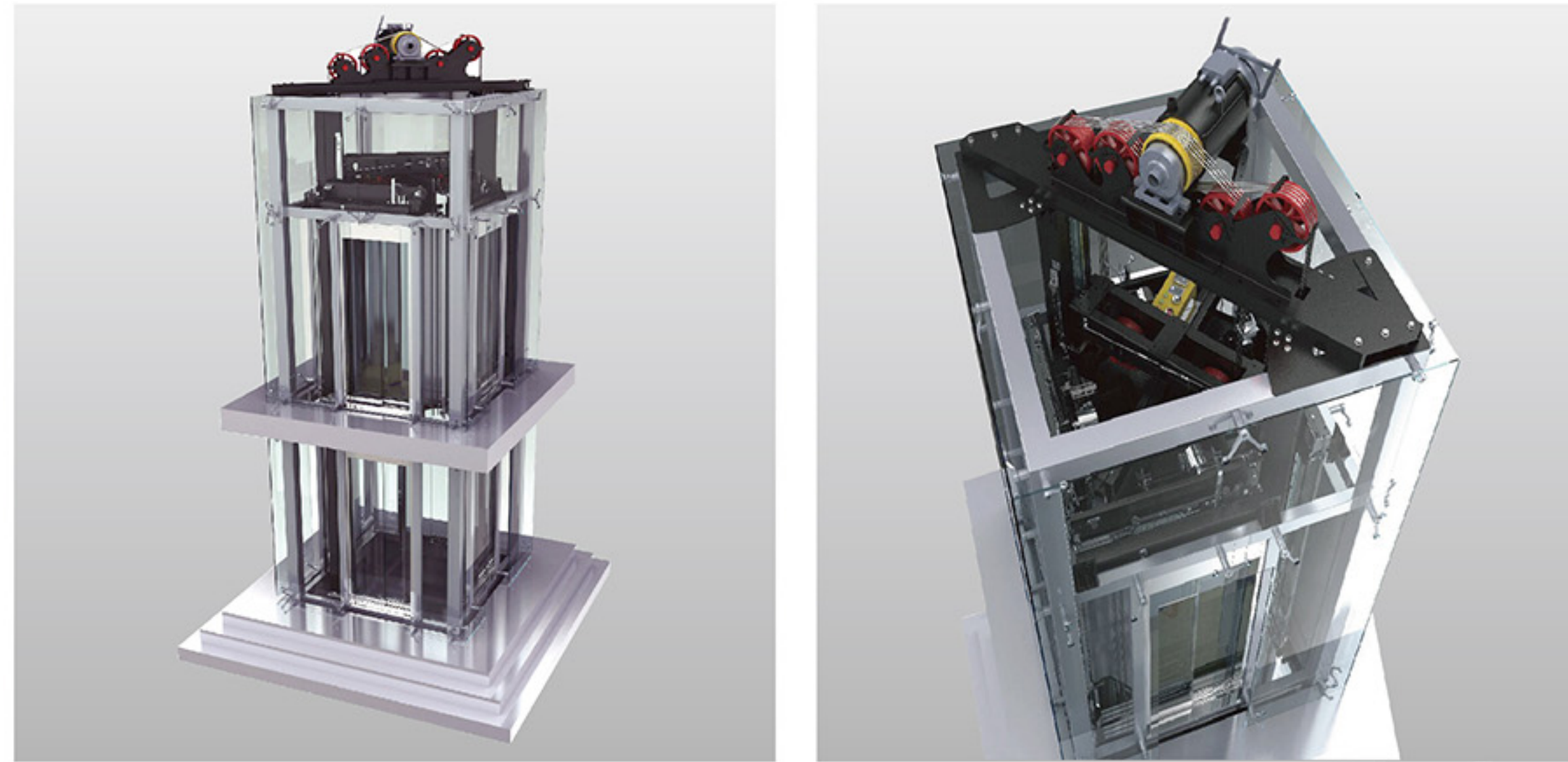
STAR SPECIAL ADVANTEGES IN ELEVATOR DEIGN

我们的电梯设计优势

We can give different kinds of elevator solution designs for your building, even for some complicated shaft conditions.

我们可以为你的建筑物设计出各种不同的电梯解决方案，甚至在复杂的井道条件下。

Elevator with multi door openings



1. With 1:1 roping and double counterweight arranged in opposite corners of the shaft, it maximizes shaft utilization to design opening in 4 sides.

采用双对重1:1绕法将对重分布于井道对角，开门机与轿厢之间。最大限度利用井道空间，从而实现四面开门；

2. Guide rails fixed without brackets, more convenient for installation.

轿厢导轨采用无支架安装，使得安装更加方便，让电梯整体看起来更加美观；

3. Cross beams for car top frame, and car bottom with brace structure, can solve partial load strength problem from 4sides opening and car.

轿厢架十字梁，轿厢底带斜撑结构，解决四面开门及轿厢偏载强度问题；

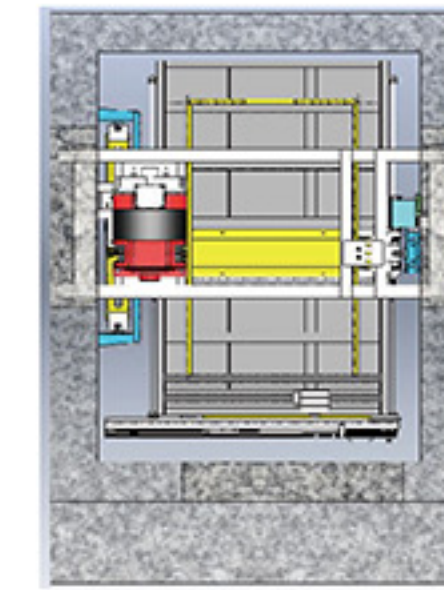
4. Speed governor without tension wheel, it' s available for narrow shafts.

采用无涨紧轮结构限速器，解决了井道狭窄问题；

5. Independent HOP control for 4 sides, intelligent and efficient.

外呼独立控制，使得使用起来更加智能和高效。

Elevator with small shaft design



Traction machine lay on motor beam (standard style)

Traction machine insert between motor beam (new design style)
Reduce overall machine beam height, reduce overhead height about 220mm

Iron stone CW, Width=180mm

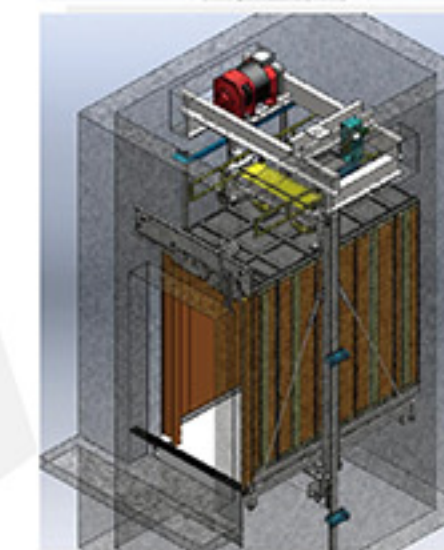
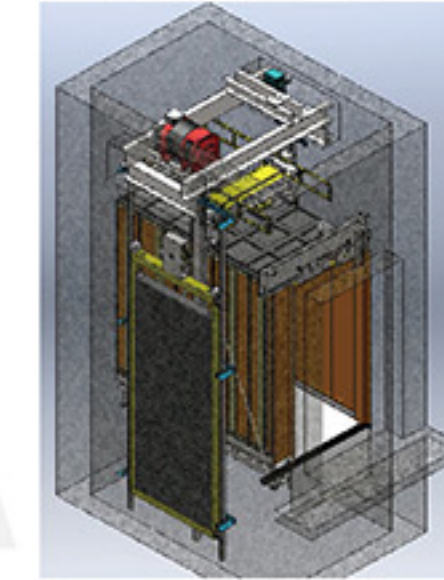
Steel plate CW cut by laser, Width=110mm

Car width increase 70mm by steel plate CW

Standard guide rail distance=car net width+180mm

New guide rail distance=car net width+100mm

Car width increase 80mm by new design portal frame



Passenger elevator (with machine room)

Specifications:	Standard solution size	New solution size:
Load (kg)	450	450
Shaft size (mm)	1600W*1600D	1600W*1600D
Car net size (mm)	1050W*1000D	1100W*1200D
Door size (mm)	700W*2100H	900W*2100H
Door opening	Central opening	Side opening

Passenger elevator (without machine room)

Specifications:	Standard solution size:	New solution size:
Load (kg)	1000	1000
Shaft size (mm)	1900W*2500D	1600W*2500D
Car net size (mm)	1100W*2100D	1100W*2100D
Door size (mm)	900W*2100H	900W*2100H
Door opening	Side opening	Side opening

Advantages 优势

1. Lower pit depth and overhead;
更小的地坑深度和顶层高度；
2. Same shaft size, bigger car size, same car size, smaller shaft size required.
同样的井道尺寸，可以设计更大的轿厢；同样的轿厢尺寸，只需要更小的井道；
3. Indeed improve the utilization of shaft space and reduce the construction cost.
切实地提高了井道空间的利用率，而且减少了建筑成本。

Special design without counterweight



Home elevator (without counterweight)

	250	320
Load(kg)	250	320
Shaft(mm)	1100(W)*1000(D)	1200(W)*1100(D)
Overhead(mm)	3800	3800
Pit(mm)	200	200
Travel height(mm)	≤12m	≤12m
Car size(mm)	860(W)*900(D)*2150(H)	960(W)*1000(D)*2150(H)
Manual door size(mm)	700(W)*2000(D)	800(W)*2000(D)



Home elevator (without counterweight)

	400	500
Load(kg)	400	500
Shaft(mm)	1300(W)*1200(D)	1400(W)*1300(D)
Overhead(mm)	3800	3800
Pit(mm)	200	200
Travel height(mm)	≤12m	≤12m
Car size(mm)	1060(W)*1100(D)*2150(H)	1160(W)*1200(D)*2150(H)
Manual door size(mm)	900(W)*2000(D)	900(W)*2000(D)

Advantages 优势

1. Use forced synchronous drive roller traction machine without counterweight—Save much space. 采用无需对重的强制同步驱动曳引机，可节省大量空间；
2. Integral design of bottom beams and car bottom---Small pit required. 下梁和轿底的一体式设计，极大缩小了底坑高度；
3. Manual opening of landing door---Maximize the door opening. 手动开门，最大限度地保证了开门尺寸；
4. Without car door but with light curtain protection---Safe and cost less. 无轿门，却依然有光幕保护。在减少成本的同时，保证了安全性。

STAR SPECIAL ADVANTEGES IN ELEVATOR DEIGN

我们的特殊优势

1. Quality guarantee: 18months after shipment, not more than 20months since production date (considering the payment delay etc.)

品质保证：发货后18个月，但最长不超过生产开始后20个月(考虑到货款延迟等因素)；



Most of elevator companies



STAR elevator group

2. Quality control: We have triple-check quality control management. Before production, all departments check and confirm the ordered products specification information 100% same as client required; After production, quality control department checks all finished and purchased parts according to the confirmed specifications , and assembles the cabin to check all fixing details; Before delivery, our electrical department makes test control cabinet and motor tune. Our delivery department rechecks all parts according to the packing list details.

品质控制：我们有三重品控管理。生产前，所有的部门都要检查和确认下单产品的规格信息，必须100%符合客户要求；生产后，品控部门会根据已经确定的规格信息来检查所有完成的和采购来的部件，还会组装轿厢以检查安装细节；发货前，我们的电气部门会做控制柜的测试和主机调谐。我们的发货部门会根据详细发货清单再次检查所有部件。



3. Package : We pack elevator parts in steel trip wooden cases, this is the best package solution.

包装：我们的包装是铁皮卡扣的，是目前最坚固的包装方式（配图文）；



4. Installation: We have many professional installation and maintenance partners in different countries, and we can also arrange our engineers to install elevator and escalator on your sites;

安装：大多数国家我们都有合作的专业的电梯安装队伍，我们也可以安排我们的工程师直接去现场为您安装电梯和扶梯；



5. Aftersales service: We have a long-time and regular aftersales service system both in maintenance solution and spare parts provision. We have regular on-site inspection plan for all installed elevators by our agents or by our engineers timely, to ensure the elevator and escalator running with stable performance all the time.

售后服务：我们制定了长期的有规律的售后服务体系，包括维保解决方案和备件的供应。我们也将安排代理或者我们总部的工程师有规律有计划地对所有安装好的电梯适时地进行实地检验，以确保我们的电梯和自动扶梯一直保持稳定的性能。

