YIDA EXPRESS ELEVATOR

EPSS

YIDA EXPRESS ELEVATOR

EPSS

Freight Elevator Series
载货系列电梯

EHJ20 \ EHW20 \ EHQ20\ EZJ10

EPSS-HT2014 第一版

追布全国的销售服务网络
详细联系方式请登录 www.ydepss.com

中美合资
怡达快速电梯有限公司

地址：浙江省湖州市南浔区南浔镇联谊西路88号
邮编：313009
电话：0572-3062222
传真：0572-3062236
邮箱：yd@ydelevator.com

SINO-AMERICAN JOINT VENTURE
YIDA EXPRESS ELEVATOR CO.,LTD

ADD：No. 88 West Lian Yi Road，Nanxun Town，
　　　Nanxun District, Huzhou City, Zhejiang, China
Postcode：313009
Tel：+86 0572 3062226
Fax：+86 0572 3638708
E-mail：info@ydelevator.com

中国区免费服务热线：400 887 6336
www.ydepss.com

怡达快速电梯

更安全的承载
　是我们的使命

Safer bearing is our mission

About Us
公司简介

每天，全球有50多个国家和地区享受到怡达快速电梯带来的安全、高效、节能的上下体验。

致力于专业从事电梯研发、设计、制造、销售、安装、维保，中美合资怡达快速电梯有限公司是国内较早取得电梯A级制造许可证的企业之一。

如今，怡达快速电梯在总占地面积约11万平方米的新厂区，引进当今世界最先进的自动化生产设备，建立起世界一流的电梯专业工厂，制造全球的智选电梯。

"提供完美的电梯安全与服务"，不再只是一句口号，而是落实在电梯选材、设计、生产、检测、安装、维保的每个环节，为客户提供具有国际水准的适配产品和卓越服务。

Everyday, more than fifty countries in the world can enjoy the perfect ride experience, which is safe, efficient, energy saving from Yida Express Elevator.

Devoting itself to professional working in elevator research, design, manufacturing, sale, installation and maintenance, Sino-American Joint Venture Yida Express Elevator Co.Ltd. is one of the earliest companies in China, which achieve A-class elevator manufacturing license.

Nowadays, Yida Express Elevator has moved to the new factory, which covers an area of about 110000㎡.The company has imported the most advanced high automation level production equipments and built first-class elevator professional factory. It devotes to manufacturing intelligent elevators supplied to all over the world.

"Provide prefect elevator safety and service" is not just a slogan. Instead, it is implemented in every production step such like elevator material selection, design, manufacture, inspection, maintenance. It provides compatible product with international standard and excellent service.
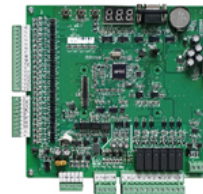
Intelligent System
智能系统

高集成智能控制系统

采用双32位CPU，主从CPU相互控制，更大程度提高了数据处理速度。系统内设置的高智能微机模块，对电梯运行实施最安全、精确、高效的管理控制。

Highly integrated and intelligent control system

Double 32 bit CPU, mutual control between main CPU and sub CPU, increases the speed of data processing to a great extent. Moreover, the highly intellectual micro–computer module inside our systems guarantee the most secure, accurate, and effective control to our elevator.

1 特色安全功能

- 抱闸力自动检测

  电梯制动器长时间使用造成的闸皮磨损会导致其制动力下降，系统将适时按"标准"对其进行制动力的检测及报警提示。

- 曳引绳滑动检测

  实时检测电梯运行（位置）偏移量。超出允许值时，电梯减速，停止运行（就近平层）。

1 Safety Function

- Brakeage Automatic Detection

  Brake rubber abrasion, which is caused by elevator brake using for a long time, will lead to decline the brake force. System will detect the brake force and alarm remind according to the "Standard".

- Hoisting Rope Sliding Detection

  Deviation of running location is detected in real time. Elevator slow down and stop running when the steel rope slipping exceeds the allowable value.（stopping on the nearest floor）

2 远程监控

- 智能终端异地监控

  在监控中心或远程的智能手机可实时观测异地电梯的参数及运行状态。且能通过数据流传输语音、图片、视频等。

2 Remote Monitor

- Intelligent terminal remote monitor

  It can monitor the elevator parameters and running condition in the monitor center or remote intelligent cellphone.Meanwhile,it can transfer voice,pictures and videos by data stream.

3 智能分析

- 故障分析专家系统

  自动获取故障发生时的电梯状态信息。后台分析、处理。显示分析结果并给出故障描述，安全可控。

3 Intelligent analysis

- Failure analysis expert system

  To acquire the elevator state information automatically when it is failure, then system will make analysis and dispose. It will display the analysis result and describe the failure.

4 智能IC卡系统

根据用户的需求，可配置IC卡智能管理系统，对电梯实行权限管理，提高楼宇管理的安全性。

4 Intelligent IC card system

IC card can be configured according to user requirements, IC card can execute permissions management for elevator, which improves the safety of the building management
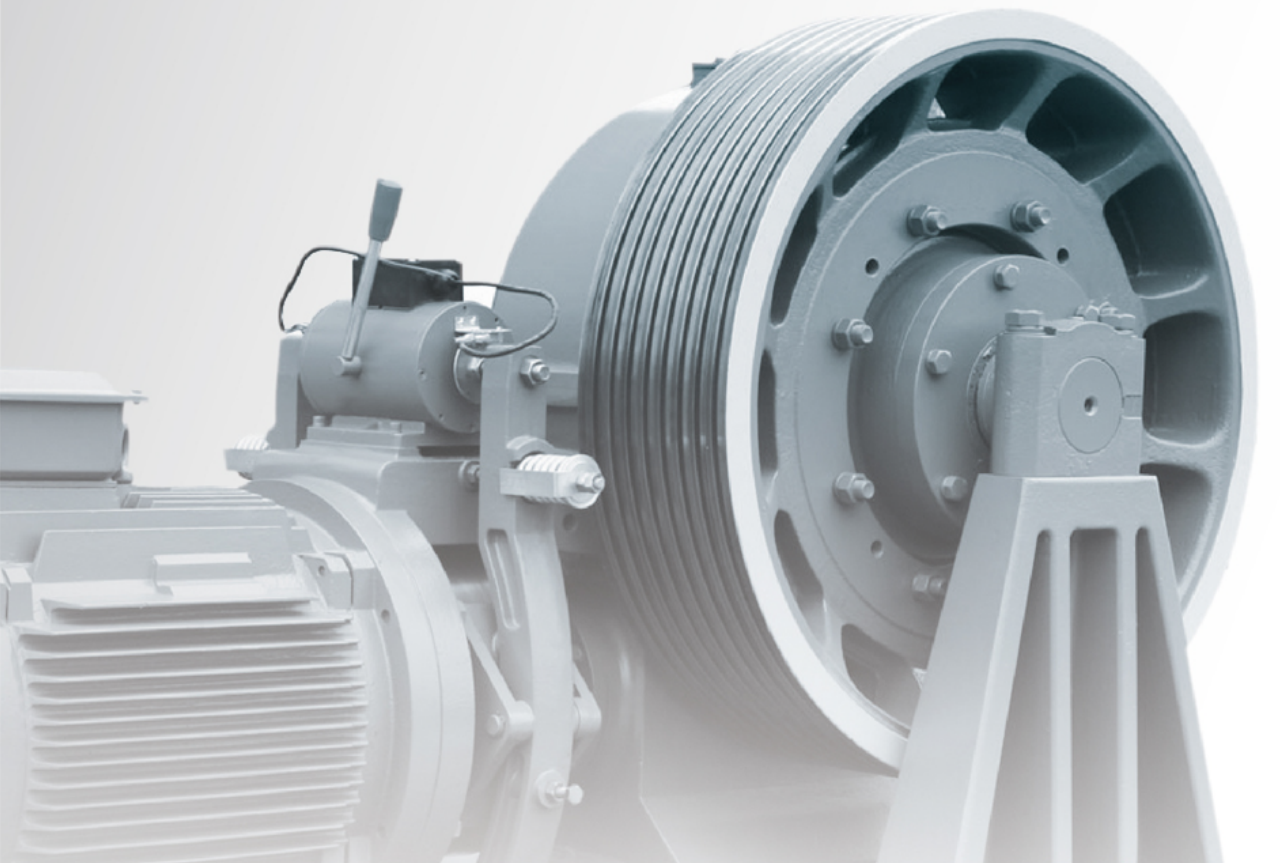
Energy conservation
& Environment protection

节能环保

降低城市建筑炭排放！

怡达快速电梯严格遵循美国快速电梯全球产品研发标准，采用世界领先的先进技术和设计理念，运行高效、节能环保，为您的未来提供完美运载。

Reduce the building carbon emissions

EPSS elevator complies with the Products Research & Development standard of American Express Elevator Co., Ltd. strictly. With advanced technology and design concept, featuring effective running and energy-conservation and environment-protection, it provides a perfect carrier for your future.

变频曳引主机，安全节能、效率高、噪音低、振动小、运行平稳、润滑性能好、性能优越，极大的满足了用户对电梯产品性能稳定、节能、运行平稳的高要求。

The VVVF and asynchronous traction machine has superior characteristics such as high safety, energy-saving, high efficiency, low noise, tiny vibration, smooth running, good lubricity, superior performance, etc. It can always satisfy the customer's high requirements for the elevator.

Variable Voltage Variable Frequency (VVVF) traction machine

变频主机

LED轿内照明装置，光线柔和明亮，热度低，安全、高效、无辐射，有利于长效使用，且系统在电梯空闲未使用状态下自动熄灭，绿色环保。

LED lighting device in car is beneficial to long-term use, the lighting is soft and bright, low-heat, safe, high efficient and no radiation, and automatically power off in the elevator idle, it is environment protection.

LED automatic lighting

LED自动照明

EHJ20

freight elevator
载货电梯

EHJ20系列载货电梯，具有结构坚固耐用，货物运输安全可靠，安装维修便利等优点，集众多世界领先技术于一身，拥有同类产品无可比拟的载重量选择范围，最大载重可达12000kg，广泛用于工厂、仓库、超市、物流中心等场所。

EHJ20 series freight elevator with solid car structure can carry goods safely and reliably, also be installed and repaired conveniently. It joints numerous world's leading technology, owns an incomparable load selection range among which the maximum load can reach 12000kg, it is widely used in factories, warehouse, supermarket, and logistic distribution center, etc..

EHW20

Machine roomless (MRL) freight elevator
无机房货梯

EHW20系列无机房货梯采用先进的永磁同步无齿轮曳引技术，设计合理，无需机房；其曳引机重量轻、体积小，更节省了建筑空间，大大提高了无机房货梯的性能与品质，降低了能耗、故障率。

EHW20系列无机房货梯具有结构严谨、经久耐用、开门距大、运行平稳安全等优点。成为工厂、仓库、百货大厦、物流中心、图书馆等单位运输货物的最佳选择。

EHW20 series MRL freight elevator adopts advanced permanent magnet synchronous gearless traction machine, its design is reasonable and doesn't need machine room. The traction machine is of light weight and small size, saving construction space, reducing energy cost and fault rate, which improves the performance and quality of the freight elevator greatly.

EHW20 series MRL freight elevator has superior characteristics such as strong structure, durable use, wide door opening, smooth and safe running, etc. It becomes to be the best transportation tool for factory, warehouse, shopping center, logistics center, library and so on.

12T

large load transfer
超大载重货梯

EHQ20系列汽车电梯，充分利用怡达快速多年的汽车电梯制造技术，结合国内外行情而研发的，采用先进成熟的控制技术精确调速控制，高强度坚固设计，避免了因轿厢受力不均而导致的厢体变形而产生噪音及轿厢抖动，最大程度优化了这一系列产品的特性，令汽车的出入更加安全可靠。可广泛应用于停车场、汽车修理厂、地下车库等场所。

EHQ20 series automobile elevator makes full use of YIDA EXPRESS' many year automobile manufacture technology and is designed according to the need in the domestic and oversea markets, it adopts the advanced control technology to control the speed precisely, and high strength design is to avoid noise and vibration due to the deform of the cabin caused by unbalanced load. We optimized the characteristics of this series products to maximum, which make the automobile entry and exit more safer. It is widely used in parking lot, vehicle repair plant, underground garage, etc.

随着物流中心、大型仓库、大型工厂的建筑物越来越多，而土地资源稀缺，提升高度较高、超大吨位的载货电梯有着非常广阔的市场前景。为扩大曳引式载货电梯的应用范围，以满足客户对超大载重货梯的特殊需求，公司自行投入研制一种最大额定载重量为12吨的载货电梯。经过一系列课题研究和技术攻关，成功解决了：曳引比6:1的大跨距悬挂装置；分散负载的轿厢导轨系统；可安装三组动滑轮轿厢架和轿厢结构；大负载安全钳装置及其制动锲块的材质、结构、实验测试；机房分布式承重结构和导向轮的布置。

Because logistic center, large warehouse, large factory are increasing more and more, scarce land resources brings broad market prospects for high traveling and large capacity freight elevator. To expand the scope of traction freight elevator and meet the customer's special requirements for big capacity freight elevator, our company designed and manufactured 12000KG freight elevator. After a series of technical research, it is successful to solve below technical difficulties: large span suspension device for traction ratio 6:1; load-distributed guide rail system; cabin frame and structures with 3 groups of travelling blocks; big load safety gear device and its braking wedge material, structure and test; load-distributed supporting structure in machine room and deflection sheave layout.

我们的超大载重曳引电梯产品具有完全的自主知识产权，通过上海交通大学电梯检测中心的型式试验，性能指标符合产品标准要求。产品还荣获"2013年度湖州市技术创新项目奖"，"2014年度浙江省科技成果奖"。

Our large load traction elevator has complete proprietary intellectual property rights, and it was tested by Shanghai Jiao Tong University Test Center, its performance completely complys with the standard requirement. Company was awarded "2013 Huzhou Technology Innovation Award", "2014 Zhejiang Technology Achievement Award".

EHQ20

Automatic elevator
汽车电梯

Dumbwaiter elevator
杂物电梯

EZJ10系列杂物电梯占用空间小，无需很强的土建承载力，无论对新旧建筑物均能实现完美、经济的设计。

本系列杂物梯安全、实用、雅致、宁静、操作灵活且易于维修，具有多种标准系列的品种和规格，亦可根据用户需求专门设计。

EZJ10 series dumbwaiter elevator only need compact space, it needn't strong construction loading capacity, we can design and provide perfect and economic dumbwaiter for new or old building.

This series dumbwaiter is safe, practical and elegant, easy for operation and maintenance. It has several kinds and specification, we also can design it as per the requirements of customers.

EZJ10系列杂物电梯采用先进的微机控制，结构新颖，构造先进具有安全可靠、运行平稳、平层准确、操作方便，性价比高等特点。可根据客户要求轿厢可采用单隔板或多隔板分离，充分利用空间，提高工作效率。

EZJ10系列杂物电梯开门方式可分为两种：窗台式和落地式。窗台式便于货物的直接进出，落地式便于小车载货物进出。

广泛适用于宾馆、饭店、住宅、银行、写字楼、医院、商厦、工厂、图书馆、实验室、邮电部门以供送诸如饮食、餐具、日用品、钱币、文件、药品、货物、图书、仪器、函件等物品之用。

EZJ10 series dumbwaiter elevator adopts advanced micro-processor control, it has a novel and advanced structure with characteristics of high safety, smooth running,accurate leveling, easy operation and high cost performance, etc. We can design the cabin with single square or multi-squares as per customers' requirements to make full use of the space and improve work efficiency.

EZJ10 series dumbwaiter elevator are divided to two types according to the door opening way: window level type and floor level type. The window level type facilitates the direct passing in and out of the goods. The floor level type facilitates the passing in and out of the trolley with goods.

EZJ10 series dumbwaiter elevator is widely used in the hotel, restaurant, residence, bank, office building, hospital, commercial building, factory, library, laboratory, postal and telecommunication entities and so on to carry the food, plates, articles for daily use,money,documents,medicine,goods,books,instrument,letters,things like that.

Cabin
轿厢

12吨轿厢 12000KG Cabin

轿顶：钢板喷塑	Ceiling: Painted steel
轿壁：钢板喷塑	Cabin wall: Painted steel
照明：LED自动照明	Lighting: LED light
轿门：钢板喷塑	Cabin door: Painted steel
地板：花纹钢板	Flooring: Checkered plate

Cabin (standard)
EX-H02 轿厢（标配）

轿顶：钢板喷塑	Ceiling: Painted steel
轿壁：钢板喷塑	Cabin wall: Painted steel
照明：LED自动照明	Lighting: LED light
轿门：钢板喷塑	Cabin door: Painted steel
地板：花纹钢板	Flooring: Checkered plate

Cabin (optional)
EX-H03 轿厢（选配）

轿顶：发纹不锈钢	Ceiling: Hairline stainless steel
轿壁：发纹不锈钢	Cabin wall: Hairline stainless steel
照明：LED自动照明	Lighting: LED light
轿门：发纹不锈钢	Cabin door: Hairline stainless steel
地板：花纹钢板	Flooring: Checkered plate

Landing door

厅门

EX-M20

双折中分式

厅门：钢板喷塑（标配）；发纹不锈钢（选配）
门套：钢板喷塑（标配）；发纹不锈钢（选配）

4-panel center opening

Landing door:
Painted steel (standard); Hairline stainless steel (optional)

Jamb:
Painted steel (standard); Hairline stainless steel (optional)

EX-M10

双折旁开式

厅门：钢板喷塑（标配）；发纹不锈钢（选配）
门套：钢板喷塑（标配）；发纹不锈钢（选配）

2-panel side opening

Landing door:
Painted steel (standard); Hairline stainless steel (optional)

Jamb:
Painted steel (standard); Hairline stainless steel (optional)

Color code

色标（可选）

EX-YS07
马钢代码6009

EX-YS08
马钢代码7013

EX-YS09
马钢代码1011

C.O.P./H.O.P.

操纵箱 / 外呼

（可选）

EX-AC05

EX-JC05

EX-AC06

EX-JC06

Standard Function 标配功能

注：部份功能不适用杂物电梯
Remark: Partial functions are not applied on dumbwaiter elevator.

运行功能

电梯变频驱动	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。
门变频驱动	精确调整门电机转速，使电梯门的开启、关闭更轻柔灵敏。
自动运行	电梯在无人操控的情况下，按照给出的指令自动运行，将货物送至目的层。
司机运行	电梯由司机进行操控，司机按要求给出指令，电梯按要求驶向目的层。
最佳曲线自动生成	以距离为原则，自动运算出最适合人机功能原理的速度曲线，没有个数的限制，而且不受短楼层的限制。
加速段截车响应	系统允许在电梯加速的过程中截车，自动响应相应的服务楼层指令，提高运行效率。
分时服务层选择	系统可以灵活设定分时服务时间段和相应的分时服务楼层。
满载直驶	当轿内装满货物或负载接近预定值，为保持最大运行效率，该轿厢将自动越过召唤层站。
开门时间自动调整	按照层站召唤或轿厢召唤的区别，自动调整保持开门时间。
本层重开门	关门途中，可以按本层站召唤按钮使门重新开启。
即时关门	电梯停车开门到位时，按下关门按钮，门立即被关闭。
停梯开门	电梯减速平层，直到完全停稳后方可开门。
轿厢到站钟	装于轿顶的电子钟的钟声告知乘客电梯已到站。
指令误登记消除	乘客可以采用连续按动指令按钮两次的方法来取消错误登记的指令。
驻停	关闭电锁后电梯进入驻停状态，电梯不再响应任何外呼。
换站停靠	如果电梯开门超过开门保护时间后，开门到位信号仍然无效，电梯将自动关门，自动运行至下一层停靠。
低速自救	当电梯处于非检状态，且未停载平层区，此时如符合运行的安全要求，电梯将自动以慢速运行至平层区，然后开门。
直接停靠	自动运算生成运行曲线，没有爬行，直接停靠平层位置，提高运行效率。
按钮嵌入自诊断	若某层呼梯按钮嵌入长时间未断开，系统不再登记该层呼梯，且对应的按钮灯不断闪烁报警。
防捣乱	当电梯连续多次到站开门光幕不动作，系统判为捣乱，取消已经登记的内指令。
自动关门时间延长	按轿厢内的专用按钮，可使门在一段时间内保持开门状态，方便货物运输。

Running Function

VVVF Drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start, travel and stop and gain the comfort.
VVVF Door Operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
Automatic Running	When there is no attendant who operates elevator,elevator will run to the destination floor according to the instruction of passenger automatically.
Attendant Running	Elevator is operated by attendant,attendant press car calls as request of passengers and elevator will run to the destination floor according to the car calls.
Best Curve Autogeneration	Based on principle of distance, calculating the speed curve, which is most suitable for human-machine function theory, and without limit by floor number and short floor height.
Response in Accelerating Process	System allows the elevator to stop during accelerating process, to respond service floor call.This function improves the running efficiency.
Time-sharing Service Floor Selection	System allows to set time period and corresponding service floor flexibly.
Full Load by Pass	When the car is full load, the elevator will by pass the landing calls which has been registered to keep maximum running efficiency.
Automatic Adjustment of Door Open Holding Time	According to current registered landing call and call situation, system will automatically adjust the door open holding time.

Door Re-open at Current Floor	When door is closing, door can re-opened by pushing landing call button at current floor.
Instant Door Close	When door is completely opened, by pushing the door close button, door will close at once.
Door Open After Stop	Elevator decelerates to land, until it completely stops, then door can be opened.
Arrival Gong	Arrival gong on the car top advices passengers that elevator arrives.
Car Call Cancel	If passengers press a wrong floor button in car, to press same button again can cancel the wrong register.
Parking	When electric key switch is turn off, elevator enters into parking state, it will not serve to any landing call.
Next Landing	If door open limit signal is invalid when door open time exceeds the preset door open protection time, the elevator will close the door automatically and run to the next landing for parking.
Self Rescue in Low Speed	When the elevator is not in inspection status and not at leveling position, elevator will run to the leveling zone and open the door if it meets safety requirement at the time.
Direct Landing	Running curve is generated automatically without crawling process, Elevator lands at the leveling zone directly, which enhances the running efficiency greatly.
Button Inset Diagnose	If any floor button is pressed for a long period, system won't register this floor call, and the corresponding button light will twinkle to alarm.
Anti-nuisance	When light curtain doesn't act continuously on several landings, system will judge it as nuisance, all the registered car calls will be cancelled.
Door Close Delay	Pushing the door open holding button in car can prolong the door open state for a period, which is convenient of transport.

应急功能

应急照明	停电时，自动打开轿内应急照明。
紧急电动运行	当进入紧急电动状态时，轿厢以低速点动运行。
五方通话装置	通过对讲机，可在轿内、轿顶、电梯机房、井道底坑、救援值班室之间通话。
警铃	紧急时，连续按下轿内操纵箱上的警铃按钮，安装于轿厢顶上的警铃会鸣响。

Emergency Function

Emergency Lighting	When power is off, car emergency light gets on automatically.
Emergency Electric Operation	When elevator enters into emergency electric operation state, elevator runs in low speed jog running.
5-way intercom	Communication between car inner, car top, machine room, pit and security room through intercoms is realized
Alarm bell	In emergency situation, pressing the alarm bell button on C.O.P. continuously , alarm bell on car top will ring.

节能功能

风扇、照明自动关闭	在规定的时间内没有召唤或指令信号，轿厢内风扇和照明会自动关闭，节约电源。
定时自动开关梯	系统按所设置时间自动开梯/关梯。

Energy Saving

Fan& light automatic off	If there is no car call or landing call in a preset time, car inner fan and light will be automatically off to save energy.
Start/stop timing	System automatically turn elevator on or off according to the preset timing.

安全功能

抱闸力自动检测	系统将定期自动对制动器的制动力进行检测，如制动力不符合要求，采取保护措施。
光幕保护	光幕被遮挡时，关门动作立即停止且自动开门。
超载停驶	轿厢超载时，电梯门常开，蜂鸣器鸣响并停止于该层站。
曳引绳滑动检测	实时检测电梯运行位置偏移量，钢丝绳打滑超出允许值时，电梯减速，停止运行。
检修操作	当进入检修状态时，轿厢以低速点动运行。
故障自诊断	控制器可记录最新的20个故障，以便快速排除故障，迅速恢复电梯运行。
故障自动停靠	运行中系统发生故障，安全回路有效的前提下，电梯就近平层开门。
重复开关门	电梯开关门时因阻码或干扰，电梯门会重复打开或关闭。
上下越层及上下极限保护装置	该装置可有效地防止当电梯万一发生失控时的冲顶或撞底现象，使电梯更安全可靠。
下行超速保护装置	当电梯下降运行超速时，该装置自动切断控制电源，使电机停止运转，安全钳动作，强制电梯停止运行。
上行超速保护装置	当电梯上行超速时，该装置自动将电梯减速或制停。
安全回路保护	安全回路断开，或安全回路接触器粘连，电梯立即停止。
门联锁保护	门全部关闭，电梯方可运行，或门锁接触器粘连，电梯立即停止。
接触器保护	系统随时检测接触器动作是否可靠，发现异常，立即停止运行。
抱闸检测保护	对抱闸臂的打开和闭合实时检测，若发生异常，或抱闸接触器粘连，电梯禁止启动。
电压自动识别功能	系统通过检查输入电压的大小，自动调节电梯运行速度，以适应电源功率不足的情况(如应急运行)。

Safety Function

Brakeage Automatic Detection	The brakeage will be detected by system automatically and regularly. If brakeage does not meet the requirement, it should take protection measures.
Light Curtain Protection	When light curtain is sheltered, door will stop closing at once and automatically open.
Overload Stop	When elevator is overload, elevator door keeps opening, buzz rings and elevator stops at the current floor.
Hoisting Rope Sliding Detection	Deviation of running location should be detected in real time. Elevator slow down and stop running when the steel rope slipping exceeds the allowable value.
Inspection Operation	When elevator enters into inspection state, car runs in jog state.
Troubleshooting	Controller can record the latest 20 faults in memory to facilitate the fault elimination and restore elevator running.
Auto-landing with Fault	When there is any fault occurred in elevator running, and safety circuit is valid, elevator lands to the nearest floor.
Door Close Repeat	Due to the obstacle or interference, elevator door repeats door open and close.
Top/bottom Limit and Final Limit Protection	The devices can prevent elevator from crashing to the top or bottom of hoistway in case that elevator is out of control with fault. It ensures the safety and reliability.
Down Running Protection	When elevator runs down in over speed, this device cuts off the control power to stop the motor running, safety gear is motivated to force elevator to stop and ensure the safety.
Up Running Protection	When elevator runs up in over speed, the device forces elevator to decelerate and braking.
Safety Circuit Protection	When elevator circuit is open or contacts are adhered, elevator stops running at once.
Door Interlock Protection	Only when all doors are completely closed, elevator can run. When door interlock contacts are adhered, elevator stops running at once.
Main Contactor Protection	System detects if the main contactor acts reliably, if any abnormal is detected, elevator stops running at once.
Brake Detecting Protection	System detects the brake state, if there is any abnormal or braking contacts are adhered, elevator can't start running.
Voltage Automatic Recognition Function	System will adjust running speed automatically in order to adapt to underpower condition(such as emergency running) by checking input voltage.

人机界面

微动指令按钮	轿内操纵箱指令按钮及层站召唤按钮采用新型微动按钮。
运行状态显示	系统能显示电梯运行方向、层楼、开关门、故障等信息。
机房选层	通过控制柜内的按键操作，进行内选登记。
不停层任意设定	可根据用户需要设定任意不停靠层站。
待梯层任意设定	可根据用户需要设定任意待梯层站。
层楼显示任意设定	可根据用户需要设置各楼层的显示字符(字母、数字)。
并道参数自学习	通过自学习，系统将测出各层楼的间距数据，并永久保存。
干扰评价	系统可对现场控制柜接地情况、并道线接地情况等作出正确评价。
编码器评价	自动检测编码器输出脉冲质量，及评价受干扰情况。
输入口干扰评价	系统可对输入信号进行评价，指导作业人员合理布线、接地。
操纵箱调试	调试人员通过操纵箱的接口连接系统调试电梯，提高效率。
运行次数及时间记录	系统可自动记录电梯运行次数及时间，以便提醒电梯维修保养。

Human-Machine Interface

Micro Push Button	C.O.P. and H.O.P. both adopts new micro push button.
Running State Display	System can indicates running direction, floor, door state, default ect.
Floor Selection in Machine Room	By operation on LCD indicator in the control cabinet, car call can be registered.
No Stop Floor Set	Set the non-stop floor according to the customer' requirement.
Homing Floor Set	Set the homing floor according to the customer' requirement.
Floor Indication Set	Set the indication (word or digit) for every floor.
Hoistway Self-learning	Through hoistway self-learning, system can measure out the distance between every floor and record them permanently.
Interference Evaluation	System can evaluate the earthing situation of control cabinet and hoistway cable.
Encoder Evaluation	System can evaluate the encoder output pulse and interference situation.
Input Port Evaluation	System can evaluate the input signal and conduct the electrician do the wiring and earthing properly.
COP Debugging	Debugging personnel connects system by plug of COP and it improves debugging efficiency.
Running Times and Time Record	System will record the elevator running times and time automatically so to remind maintenance.

+ Optional Function 选配功能

注：部份功能不适用杂物电梯
Remark: Partial functions are not applied on dumbwaiter elevator.

监控功能

远程监控	通过有线或无线通讯模块和软件，对电梯运行状态进行实时监控。
曳引机监控	无机房电梯装有曳引机监控装置，维修人员无需进入并道就可查看曳引机运行状况。

Monitor Function

Remote Monitor	By wire or wireless communication module and software, system performs real-time monitoring of elevator running state.
Traction Machine Monitor	MRL elevator has machine monitor camera, maintenance persons can monitor the machine running state without entering into the shaft.

运行功能

消防联动功能	系统接收到大楼消防信号，电梯进入消防状态，返回到消防层后反馈信号给大楼消控中心。
提前开门	电梯减速进入开门区域，提前开门，提高运行效率。
贯通门独立控制	当轿厢有两个门时，可根据用户的具体需求实现对两个门的独立控制。
再平层功能层	电梯在当层时，当过多货物进入电梯或离开电梯时，由于钢丝绳的伸长或缩短，轿厢偏离平层区，电梯将启动低速运行至平层区。
并联功能	用于两台电梯并联运行，互相调度减少候梯时间，以提高运行效率。
能量回馈功能	将电梯运行过程中产生的再生能量回馈到电网，达到绿色节能效果。
地震功能	当地震检测装置动作，信号输入到系统，电梯会就近停靠，停止服务，直到地震信号消除，人工复位故障后才恢复正常。
消防返回	消防状态下，所有召唤均被取消，电梯立即驶往指定救援屋站停靠，并自动开门。

Running Function

Fire-fighting Linkage Function	Elevator will enter into fire-fighting status once system receive the fire-fighting signal, feedback signal to fire-fighting center after back to fire-fighting floor.
Advanced Door Opening	When elevator enters into leveling zone, it opens door in advance, this function improves elevator running efficiency.
Double Door Independent Control	When the car has two doors, two doors can be controlled independently according to customer's request.
Re-leveling Function	When elevator lands to the current floor, due to elongation or shortening of steel rope induced by too much goods entering into car or exiting from car, elevator will depart from leveling position, then elevator will start low speed running to achieve the leveling position again.
Duplex Control Function	This function is for two elevators' duplex control, it can reduce waiting time and improve the running efficiency.
Energy Feedback Function	The regeneration energy of elevator running process will be feedback to power grid to reach energy saving effect.
Earthquake Function	When earthquake detection device acts and input signal to controller system, elevator will park to the nearest landing and stop service until earthquake signal removed. It will return to be normal after manual reset.
Fire Emergency Return	In fire emergency state, all landing calls are eliminated, elevator runs to the preset floor and open door.

人机界面

| 语音报站 | 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。 |
| IC卡控制功能 | 所有（部分）层站须经授权，必须用IC卡电梯方可使用。 |

Human-Machine Interface

| Voice Announcement | When elevator lands to the floor normally, voice announcement will advice passengers of the arrival. |
| IC Card Control | All (part) of the floors need entry approval, only with IC card can run the elevator. |

应急功能

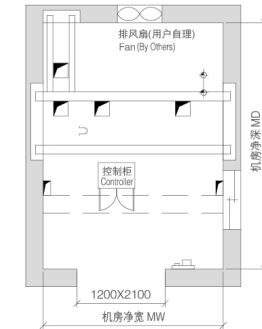| 停电自动疏散装置 | 停电时，应急装置提供电源，电梯驶往最近层站，自动开门，疏散乘客。 |

Emergency Function

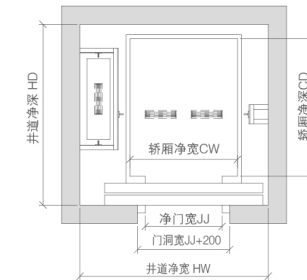| Automatic Rescue Device (ADR) | When power is off, this device supplies power to elevator, elevator runs to the nearest floor, open its door and evacuates the passengers. |

✚ Civil work parameters 土建参数

井道立面布置图
Shaft elevation view
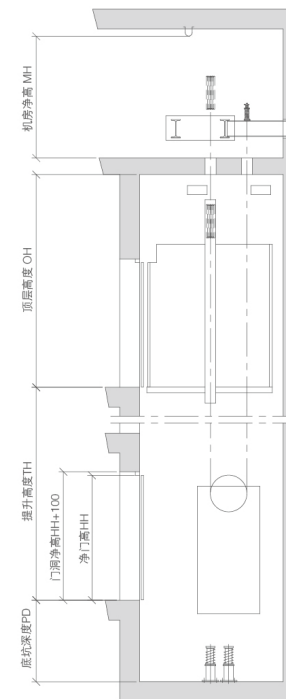
机房平面布置图
Machine room plan view

井道平面布置图
Shaft plan view
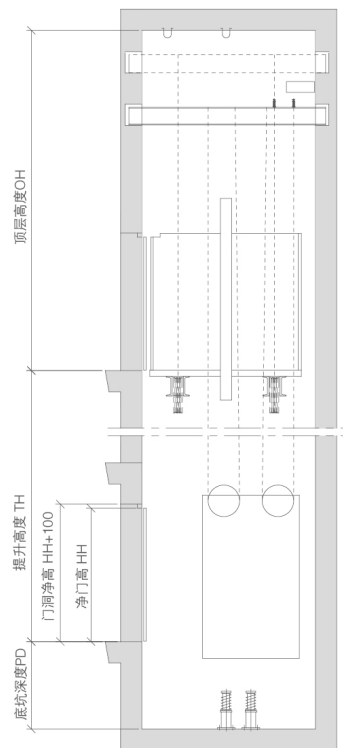
Machine room freight elevator

有机房 载货电梯

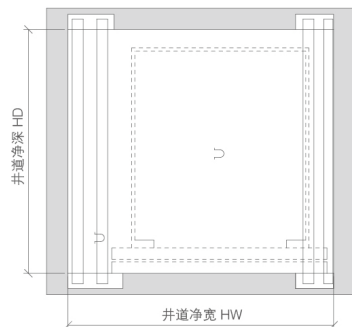| 额定载重 Capacity kg	速度 speed (m/s)	开门方式 Door open type	轿厢入口 Car door entrance	净开门（宽x高） Entrance J x HH(mm)	轿厢净尺寸 Car net size CW x CD(mm)	井道净尺寸(mm) Shaft net size 宽x深(mm) HW x HD(mm)	底坑深 PD	顶层高 OH	机房尺寸(mm) machine room size 宽x深x高 (MW x MD x MH)mm
1000	0.5	双折旁开 Two panel side opening	单通 Single door	1200 × 2100	1400 × 1700	2250 × 2250	1400	4500	2250 × 3300 × 2500
1600	0.5	双折旁开 Two panel side opening	单通Single door	1500 × 2100	1700 × 2000	2800 × 2550	1400	4500	2800 × 3700 × 2500
1600	0.5	双折旁开 Two panel side opening	贯通Double door	1500 × 2100	1700 × 2000		1400	4500	2800 × 3700 × 2500
1600	0.5	双折中分 Four panel center opening	单通Single door	1500 × 2100	1700 × 2000	2800 × 2600	1400	4500	2800 × 3700 × 2500
1600	0.5	双折中分 Four panel center opening	贯通Double door	1500 × 2100	1700 × 2000		1400	4500	2800 × 3700 × 2500
2000	0.5	双折旁开 Two panel side opening	单通Single door	1600 × 2100	1900 × 2200	3000 × 2750	1400	4500	3000 × 4000 × 2500
2000	0.5	双折旁开 Two panel side opening	贯通Double door	1600 × 2100	1900 × 2200		1400	4500	3000 × 4000 × 2500
2000	0.5	双折中分 Four panel center opening	单通Single door	1600 × 2100	1900 × 2200	3000 × 2800	1400	4500	3000 × 4000 × 2500
2000	0.5	双折中分 Four panel center opening	贯通Double door	1600 × 2100	1900 × 2200		1400	4500	3000 × 4000 × 2500
3000	0.5	双折中分 Four panel center opening	单通Single door	1800 × 2100	2200 × 2600	3400 × 3200	1500	4500	3400 × 4300 × 2500
3000	0.5	双折中分 Four panel center opening	贯通Double door	1800 × 2100	2200 × 2600		1500	4500	3400 × 4300 × 2500
4000	0.25/0.5	双折中分 Four panel center opening	单通Single door	2000 × 2200	2500 × 2900	3750 × 3500	1500	4500	3750 × 4800 × 2500
4000	0.25/0.5	双折中分 Four panel center opening	贯通Double door	2000 × 2200	2500 × 2900		1500	4500	3750 × 4800 × 2500
5000	0.25/0.5	双折中分 Four panel center opening	单通Single door	2400 × 2200	2800 × 3200	4200 × 3800	1500	4500	4200 × 4800 × 2500
5000	0.25/0.5	双折中分 Four panel center opening	贯通Double door	2400 × 2200	2800 × 3200		1500	4500	4200 × 4800 × 2500
12000	0.25	双折中分 Four panel center opening	贯通Double door	2800 × 2200	4000 × 5000	5400 × 5600	1600	4800	5400 × 6600 × 3000

（注：如若超出以上规格范围及6吨至12吨的货梯，请与公司销售中心联系）
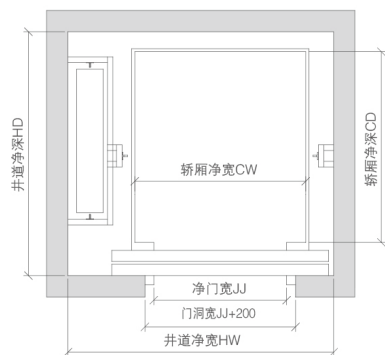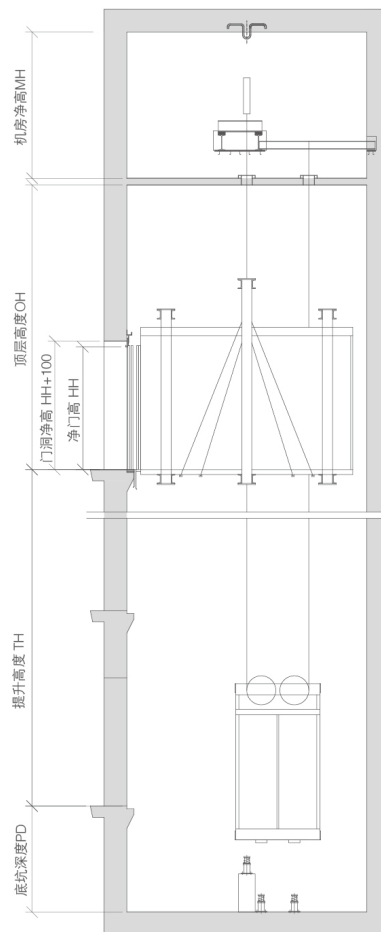Remark: Please contact with Sales department if it exceeds above specification（Include6T~12T）

无机房载货电梯 / Machine roomless freight elevator

井道立面布置图
Shaft elevation view

顶层平面布置图
Overhead plan view

井道净深 HD
井道净宽 HW

顶层高度 OH
提升高度 TH
门洞净高 HH / 净门高 HH
底坑深度 PD
提升高度 HH+100

井道平面布置图
Shaft plan view

井道净深 HD
轿厢净宽 CW
轿厢净深 CD
净门宽 JJ
门洞宽 JJ+200
井道净宽 HW

额定载重 Capacity kg	速度 speed (m/s)	开门方式 Door open type	净开门（宽x高） Entrance JJ × HH(mm)	轿厢净尺寸 car net size 宽x深(mm) CW x CD(mm)	井道净尺寸(mm) shaft inside dimension 宽x深(mm) HW x HD(mm)	底坑深 PD	顶层高 OH
1000		双折旁开 Two panel side opening	1200 × 2100	1400 × 1700	2300 × 2250		
1600		双折旁开 Two panel side opening	1500 × 2100	1700 × 2000	2850 × 2500		
		双折中分 Four panel center opening			2950 × 2500		
2000	0.5	双折旁开 Two panel side opening	1600 × 2100	1900 × 2200	3050 × 2700	1600	4800
		双折中分 Four panel center opening			3200 × 2800		
3000		双折中分 Four panel center opening	1800 × 2100	2200 × 2600	3750 × 3200		

注：如若超出以上规格范围，请与公司销售中心联系
Remark: Please contact with Sales department if it exceeds above specification

汽车电梯 / Automobile elevator

井道立面布置图
Shaft elevation view

机房平面布置图
Machine room plan view

排风扇(用户自理) Fan (By Others)
控制柜 Controller
机房净高 MH
机房净深 MD
机房净宽 MW
1200X2100

井道平面布置图
Shaft plan view

顶层高度 OH
门洞净高 HH / 净门高 HH
提升高度 TH
底坑深度 PD
井道净深 HD
轿厢净深 CD
轿厢净宽 CW
净门宽 JJ
门洞宽 JJ+200
井道净宽 HW

额定载重 Capacity kg	速度 speed (m/s)	开门方式 Door open type	轿门入口 Car door entrance	净开门（宽x高） Entrance JJ × HH(mm)	轿厢净尺寸 car net size 宽x深(mm) CW x CD(mm)	井道净尺寸(mm) shaft inside dimension 宽x深(mm) HW x HD(mm)	底坑深 PD	顶层高 OH	机房尺寸(mm) machine room size 宽深x高 (MW x MD x MH)mm
3000	0.25/0.5	双折中分 Four panel center opening	单通 Single door	2300 × 2200	2500 × 5900	4000 × 6500			4000 × 6500 × 2800
	0.25/0.5		贯通 Double door						
4000	0.25/0.5	双折中分 Four panel center opening	单通 Single door	2400 × 2200	2900 × 6100	4300 × 6700	1600	4800	4300 × 6700 × 2800
	0.25/0.5		贯通 Double door						
5000	0.25/0.5	双折中分 Four panel center opening	单通 Single door	2600 × 2200	3200 × 6900	4650 × 7500			4650 × 7500 × 2800
	0.25/0.5		贯通 Double door						

注：如若超出以上规格范围，请与公司销售中心联系
Remark: Please contact with Sales department if it exceeds above specification

Attentive service
细心服务

完善的售后服务体系，
让您无后顾之忧

我们在售前、售中、售后的整个过程全面建立了完善的和高标准的服务体系，对售出的每一台电梯都将实行及时、高效地售后服务及有偿终身维修保养，让您的选择无后顾之忧。

Perfect after-sale service, resolve the actual difficulties

We builded a perfect and high standard service system comprehensively between before-sale, mid-sale and after sale, and we implements the perfect after-sale service and life-long repair& maintenance to every lift which has been sold to the customers. This is our solemn guarantee to you that we resolve the actual difficulties for the customers.

360°

For more information,
please contact us for more
information please!

了解更多信息，请联系我们！
400 - 8876336