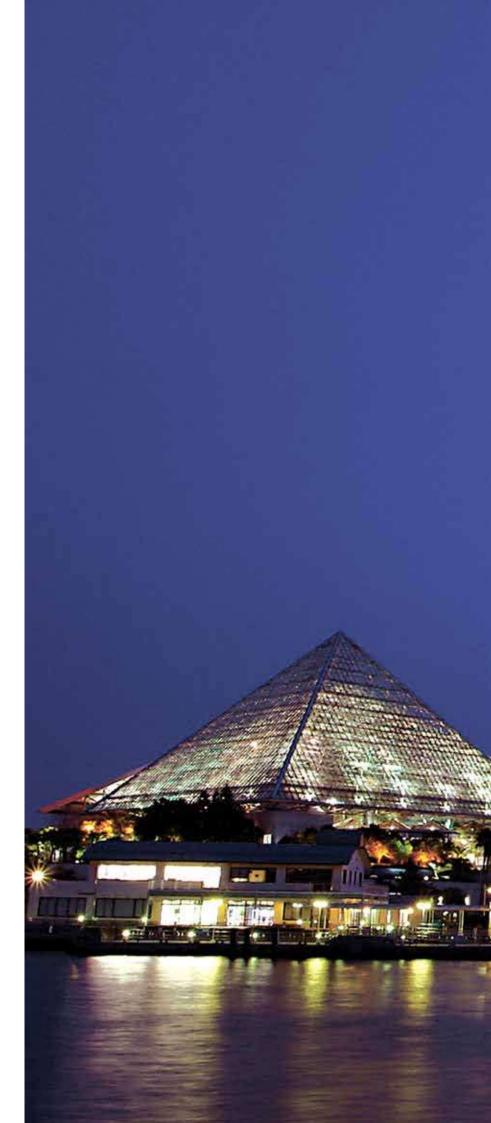




HDF 系列载货电梯 HDF series Freight Elevator

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关于 About 我们 us

宏达电梯 (HDE Elevator Group) 成立于 1987 年,是一家通过 ISO9001 国际质量认证,集电梯制造、安装及维保为一体的综合性国际化公司。本公司的核心团队由海外留学技术及高级管理人员组成。卓越的制造工艺、先进的加工设备,雄厚的研发力量,精细化的企业管理确保了产品的质量。国际领先的电梯技术及管理精髓,铸造了宏达电梯安全可靠及技术创新的品牌内在。公司专业制造各类液压,无机房,载货,病床,观光电梯,汽车电梯,为用户提供灵活多样的垂直交通及物流的解决方案。

作为国内最早研发制造的洁净电梯、斜行电梯(起重机电梯)的特种电梯先锋企业,公司营销网络遍布东南亚、中东、南美、非洲的26个国家及国内各省市,宏达电梯正在为成为全球垂直交通领域的重要制造商而努力奋斗,为"中国制造"这个词汇赋予新的内涵,让"中国技术"走遍全球。

宏达电梯将竭力为客户提供品质卓越、安全可靠、节能环保,符合低碳理念 (Low Carbon) 的电梯产品和灵活多样的垂直交通及物流解决方案。

HDE Elevator (HDE Elevator Group) was founded in 1987, it's a integrated international corporation with elevator manufacture, installation and maintenance, and has passed the ISO9001 certification.

The core team is composed of the overseas and senior management personnel. The quality is based on the superior manufacturing processes, advanced equipment, strong R & D, and fine business management. The world's leading technology and management insures the brand connotation of safety, reliability and technical innovation.

The company is specializing in manufacturing various types of Machine room less elevator, freight elevator, hospital elevator, observation elevator, and provides users with flexible and vertical transport and logistics solutions.

As the leader enterprise of researching and manufacturing the clean lift, bridge elevator(or Crane elevator), the marketing network throughout Southeast Asia, the Middle East, South America, Africa and domestic provinces and cities in 26 countries.

HDE is now striving for becoming the important manufacturer in the field of global vertical transportation, endowing MADE IN CHINA with the new meaning and pushing CHINA TECHNOLOGY to all over the world.

HDE will dedicate itself to provide the products with excellent quality, safe, reliable, energy-saving and environmental protection, which also meets the requirements of low carbon concept and flexible vertical transport and logistics solutions.



永磁同步无齿轮曳引机

Permanent magnetic synchronous gearless traction machine

永磁同步曳引技术是宏达电梯和曳引机厂家联合开发的符合节能环保低碳理念的下一代电梯核心技术。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。

Permanent magnet synchronous traction technology is the HTC elevator traction machine manufacturers and joint development in line with the concept of the next generation of low-carbon energy saving elevator core technology. The technology and traditional techniques, compared with a low-carbon energy, less space, low construction costs, operating costs and low lift characteristics. Easy to achieve a traction machine maintenance requirements.



更低噪音 Low noise



更省空间 Space saving



低碳设计 Low carbon



稳定可靠 Stable



变频门机系统

VVVF door operator system

VVVF 驱动方式的,开关门速度可以自由调节,门机系统巧妙的设计不会影响轿厢的高度,整个系统安全可靠,运行平稳。

VVVF drive, the switching speed can be adjustable door, door systems ingenious design will not affect the car's height, the whole system safe and reliable, smooth operation.

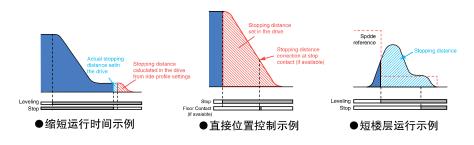


高效矢量电梯专用变频器

High effect elevator vector inverter

应用了高性能电流矢量控制和绝对值编码器,实现高性能无传感器的其中转矩补偿功能,使电梯乘坐更加舒适;电梯曳引机可进行停止型学习,电梯的维护更加简单方便;自动转矩提升功能可以轻松应对电梯的各种负载。

Application of high performance current vector control and absolute encoders, high-performance sensorless torque compensation function which make the elevator ride more comfortable; elevator traction machine can be stopped based learning, more simple and convenient elevator maintenance; automatic transfer torque boost function can easily cope with a variety of load lift.



变频器自动计算时间,最短时间内,进行定位。减少爬行时间,是电梯运行更有效率,更平稳。 短楼层运行功能,自动把爬行时间缩到最小。

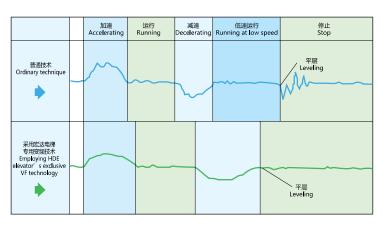




实现平稳舒适 Realizing stability and comfort

变频载货电梯通过矢量变频变压对电梯进行全闭环控 制,使电梯运行性能大大提高,并有效降低运行功耗, 拥有极优越的性能价格比。

Vector frequency inverter transformer lifts through closed loop control of the elevator, the elevator greatly improved operating performance and reduce operating power consumption, has an extremely favorable cost performance.



开门距大 Large door width

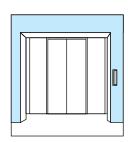
采用多折式厅轿门,达到最大开门宽度,便于大货物的进出。

Employing multi-penal cabin doors to reach the maximum width of door freights.

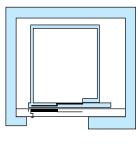
多样化开门方式 Opens the door the way



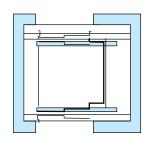
旁开双折门 Two Panel sliding door



中分双折门 Center-opening&double-folded



单通门 Single way door



双通门 Double way door

多种厅门形式 A variety of forms Door



中分式 Central opening



旁开式 Side opening



双折中分式 Double-folded Central opening type



三折中分式 3-folded Central opening type



HD-F10 载货电梯 HD-F10 freight elevator

宏达 HD-F10 载货电梯采用先进的 VVVF 矢量 微机控制技术,电梯运行平稳可靠;采用全新设计的高强度轿厢,坚固耐用符合人体工学。20 多年的电梯制造过程中,我们对电梯做了很多创新改进,因此无锡宏达的载货电梯与其他电梯公司相比而言,有着安全可靠、结构强度高、经久耐用、运行平稳、开门距离大等特点。从而使得 F10 系列货梯成为工厂、仓库、百货商城、物业中心等单位垂直运输的最佳选择。

HDE's HD-F10 series of freight elevator introduces VVVF & Microcomputer Control technology to make Elevator more smoothly and reliable; HDE introduce a new design of Elevator Car which is more serviceable and easy to use. We make a lot of innovations, therefore HDE's freight elevator is more safety, stable, serviceable, smoothly and a wider entrance door. HD-F10 freight elevator is the best choice for factory, warehouse and apartment for vertical transportation.



Precision leveling and high efficiency moving

力矩特性优良 Superior torque characteristics

调速性能优良 Superior speed control properties

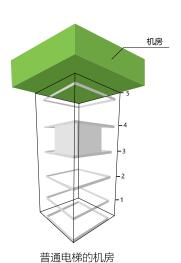
平层精确 Accurate leveling

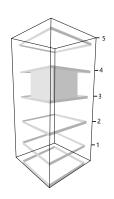


HD-F30 无机房货梯 HD-F30 roomless freight elevator

宏达 HD-F30 无机房货梯产品采用引领时代潮 流的高科技永磁同步曳引传动技术。与有齿轮曳引 技术相比较叫而言, 具有主机体积小巧、最小化的 井道空间、显著的节能功效、极低的运行噪音、-流的乘坐品质、终身免维护的极佳性能特色。可以 为客户节省30%-40%的电力,10%的建筑面积。 特别适用于工厂、仓库、百货商城、物业中心等单 位。

HDE's HD-F10 series of freight elevator introduced most advanced magnet synchronous traction technology. We can get smaller traction machine, more compact hoist way, lower energy efficiency, lower noise, more comfortable experience of using elevator and maintenance free. We can save up to 30-40% energy and 10% area of construction. HD-F30 freight elevator is the best choice for factory, warehouse and apartment for vertical transportation.





无机房电梯的机房

无需设置顶部机房



优越性能 Energy-saving

结构紧凑 Compact structure

永磁同步曳引机重量是传统曳引机的一半,紧凑的电梯布置减少占 地空间,并使传统昂贵的机房成为历史。

The weihtof permanent magnet synchronous traction machine is half of the traditional traction machine, compact layout of the elevator to reduce the area of space, changing expensive room,tnto traditional history.

节约能源

Energy conservation

无齿轮曳引机的耗电量和传统电梯相比同比减少30-40%。

The powre consumption of gearles machine saves up to 30-40% compared to the traditional lifts in the same period.

保护环境

Protect the environment

电梯运行无需用油,消除了传统曳引系统和液压系统中有污染及火

Elevators running without oil, the elimination of the traditional system and the tractor hydraulic system pollution and fire hazard.

HD-C060

Standard

标配

 吊顶
 米灰色喷涂钢板 (颜色可选)

 轿壁
 米灰色喷涂钢板 (颜色可选)

 轿门
 米灰色喷涂钢板 (颜色可选)

照明节能日光灯地板花纹钢板

Ceiling Gray paint steel (optional color)
Car wall Gray paint steel (optional color)
Car door Gray paint steel (optional color)

Skirtboard Fluorescent lamp Floor Riffled plate





HD-C061 选配

Optional

吊顶	发纹不锈钢
轿壁	发纹不锈钢
轿门	发纹不锈钢
照明	节能日光灯
地板	花纹钢板

Ceiling Hairline stainless steel Car wall Hairline stainless steel Car door Hairline stainless steel Skirtboard Fluorescent lamp Floor Riffled plate



HD-C10 汽车电梯 HD-C10 car elevator

宏达汽车电梯采用成熟的汽车升降技术,是根据汽车产品的特殊性而开发产生的。宏达强大的技术能力彻底解决了因轿厢受力不均匀导致曳引系统负载增加而产生噪音并引起轿厢晃动的这一技术障碍,从而优化了这一系列产品的性能。

宏达电梯还具有设备精简、操作简单、同一车位的空间可以多位使用、占地空间小等优点。不仅如此,其简约而又不失风格的外型设计,比例恰到好处的内部空间,都无疑是厉行节约与追求实用的典范。

HDE's HD-C10 series of elevator adopts the mature car elevation technology. It has been developed and produced according to the special characteristics of the car products. HDE's strong technical capacity completely solves the technical obstacle of the noise and car shaking caused by the heavier load of the traction machine system due to uneven force bearing to the car. It optimizes the features of these serial goods.

HDE's HD-C10 series of elevator features as the concise equipment and the simple operation. The space for one car can have a multiple use in the same berth space with small covering area. Furthermore, simple and stylish design and just perfect inner space will be the classic of economy and function.





双操纵箱 Dual operation box

轿厢内设有两只操纵箱,司机无须走出汽车,就可以操纵电梯。

There are two operation box buttons in the car. Therefore the driver can operate the elevator in the car without stepping out of it.

优越性能 Energy-saving

空间利用率高,无论对新旧建筑物均能实现完美、经济的设计。

Small space without strong construction capacity. Perfect and economical designs can be provided no only to new constructions but also to old ones as well.

使用先进的 PC 机控制模块使电梯运行平稳、平层精确。

Advanced PC control modules are employed, making stable movement and accurate leveling of the elevator.

人性化的设计使其操作更灵活。

Personalized design makes the operation more flexible.

本系列汽车梯安全、实用、雅致、安静、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。

The bulk elevators in this series are safe, practical, elegant, quiet, flexible in operation and easy in maintenance. They come in multiple specifications in various standard series and customized design can be done according to the user's requirements.

设有上下限位开关,上下极限开关,门联锁开关等装置和软件联锁等功能。

It sets up the upper and lower limit switch, door inter locking witch, software interlocking functions etc.

厅外按钮控制,数码显示,自动停层,召唤停层蜂鸣提示,召唤登记显示,上、下运行灯。

Hall button control, digital display, automatic stop, call stop buzzer prompt, call register display, upper and lower operation lamp, anti-slippery steel wire rope.





操纵箱

Car operation panel

宏达电梯的操纵箱,流线型的造型,新颖别致,极富现代感;按照人体工程学设计的显示器,操作方便自如。

The operation panel of HDE eleators has steamline outlook, which is innovative and unique, full of modern esthetics; the monitor designed as per the human body engineering provides all the convenience for operation.

面板	发纹不锈钢
Panel	Hairline stainless steel
显示板	塑料板
Display of display	Plastic board
显示方式	数字发光二极管点阵式显示
Mode of display	Digital LED matrix display
召唤按钮 Calling button	微动式按钮 / 边框镜面、面板磨沙不锈钢 Micro-buttons/framed mirrors, sanded stainless steel tor the panel
应答灯	发光二级管
Responding light	LED







HDE 宏达电梯



HD-COP51-X HD-COP51-Y

HD-COP52-X

HD-COP52-Y



轿顶 Car ceiling



电梯防撞条 (选配)

Protection strip (option)



可选色卡

Optional color cards



图片系电脑绘制,可能与实际图有不同。 The pictures are plotted by computer and are likely somewhat different from the actual products.

功能表

Function table

标准功能 Standard function

Standard function	
功能名称 Function	功能说明 Description of functions
自动运行 Automatic operatior	电梯根据给定指令自动运行、停车、开关门。 The lift automatically runs and stops, opens / shuts the door according to designated command.
司机运行 Operation by operator	电梯根据给定指令自动运行、停车,手动关门。 The lift automatically runs and stops, manually shuts the door according to designated command.
检修运行 Overhaul operation	检修状态时,通过操作慢上慢下按钮,使电梯检修速度运行。 Under repair and inspection conditions, the lift runs at inspection speed through operating "slow up / slow down" buttons.
上电自动开门 Upper automatic door- opening	电梯上电,轿厢正在门区,则自动开门。 When the lift is electriPed and the car is in the door zone, it will open the door automatically.
自动关门延时 Automatic door-shut time- delay	轿门完全打开后,保持开门状态,经过延时后自动关门。 After the car door has been opened completely, it keeps the door open condition, It automatically shuts the door after time-delay.
本层外召开门 Call for opening of this ßoor	电梯正在关门或己关门但未启动,若本层外召,则重新开门。 When the lift is shutting the door or it does not start but has closed the door, when there is any outer calling from this landing, it will reopen the door.
光幕保护 Optical curtain protection	光幕被遮挡时,关门动作立即停止自动开门。 When light curtain is hindered, it immediately stops door-shut action and automatically opens the door.
超载不关门 Over-load none door-shut	超载时不关门,超载灯亮,蜂鸣器鸣响,轿厢内显示 CZ 或超载,电梯不启动。 It does not shut the door in overload, And it is bright from overload lamp, The buzzer rings, It shows CZ or overload in the car and does not start the lift.
满载直行 Full-load direct running	达到额定载荷时,只响应内选,不响应外召。 When it reaches the rated load, it only responds to internal selection instead of outer calling.
自动照明风扇控制 Automatic lighting & fan control	规定时间内,电梯没有接收到运行指令,照明及风扇,自动熄灭,有指令时自动打开。 In the stipulated time, if the lift does not receive any travel command, the lighting will automatically die out, It automatically opens at command.
接触器保护 Contactor protection	系统可检测主回路接触器动作是否可靠,如果发现异常,电梯将停止运行。 The system can detect whether motor circuit contactor action is reliable or not, If any abnormal condition happens, it will stop the lift travel.
重复关门 Main contactor protection	执行关门指令后,在规定时间内没有关闭到位,重新开门后再关门。 After the lift executes door-shut command, if the door has not been closed within the stipulated time, it will re-open the door and then shut it again.
轿内层楼、方向显示 Landing ßoor, direction display in the car	轿内显示电梯所在层楼及将要运行的方向。 It shows the landing ßoor of the lift, the direction where the lift is going to travel in the car.
司机选择定向 Direction chosen by driver	根据司机给定指令确定运行方向。 The running direction is determined by the driver's directive.

门联锁保护

故障自诊断 Troub**l**e diagnosis

Door interlocking protection

当运行时发生故障,自动诊断故障原因,并在控制板上显示,将最近故障信息自动保存。 When there is something wrong in the travel process, it will automatically diagnose the trouble cause, display in the operation panel and automatically store the latest trouble information.

全部门联锁都闭合,电梯方能运行。如果运行中门联锁断开,电梯立刻停止运行。 If it closes all of door interlocking, it can then start the lift, If door interlocking is disconnected or trembled, the lift will stop the operation.



标准功能 Standard function

功能名称 **Function**

换闸检测保护 Brake test protection

端站换速及楼层号校正 Terminal speed change and landing Boor number correction

限位保护 Position-Limit protection

极限保护 Limit protection

超速保护 Over-speed protection

功能说明

Description of functions

通过抱闸臂检测开关对抱闸的打开与闭合实时监测。当抱闸未按要求打开时,系统将禁止电梯启动。 It implement real-time monitor to the brake open / shut through brake arm test switch, If the brake has been opened improperly, the system will not allow the lift to start.

系统在运行中检测到端站开关后,电梯将强迫换速并自动校正楼层显示。

After the system detect ferminal switch in travel, the lift will be forced to change the speed and automatically correct the landing Boor display.

系统检测到限位开关动作,将立刻停止电梯的运行。

If the system detects limit switch action, it will immediately stop the lift travel.

系统检测到极限开关动作,整个系统将立刻断电。

If the system detects limit switch action, the whole system will immediately lose power.

当电梯上下行超过额定速度 1.2 倍时,切断控制电源,立刻停止电梯的运行。。 When the lift up / down exceeds 1.2 times of the rated speed, it will cut off control mains and stop the lift travel.

选配功能 Optional function

功能名称 **Function**

消防运行 Fire-Þghting running

误操作消除 Error operation removal

服务楼层设置 Arbitrary setup of a skip Boor

基站楼层设定 Home landing Boor setting

贯通门服务设置 Opposite door service setting

消防返基站 Fire-Pahting home landing return function

消防返回 FireÞght return

开门等待功能 Door-open waiting function

功能说明

Description of functions

消防开关闭合后,系统进入消防运行。

After Pre switch is closed, the system enters into Pre-Pghting running.

重复操作内选按钮,即可辙销误选登记。

The repeated operation of internal selection button can cancel selection register.

电梯仅对所设楼层进行服务。

The lift only serves set Boor.

在自动状态,在一定时间内无指令时,轿厢自动运行到设定层站。

If there has no command within certain period of time in automatic condition, the car automatically travels to set home landing.

按照服务设置在相应楼层正确开、关门。 It correctly opens and shuts the door according to service setting.

消防开关闭合后,系统进入消防状态,电梯返回基站,保持开门状态,停止运行。

When the Pre-Pighting switch is closed, the system enters into the Pre-Pighting condition and the lift has home landing, It keeps the door-open condition and stops the operation.

基站消防开关启动,所有指令均被取消,电梯立即驶往指定救援层站停靠。

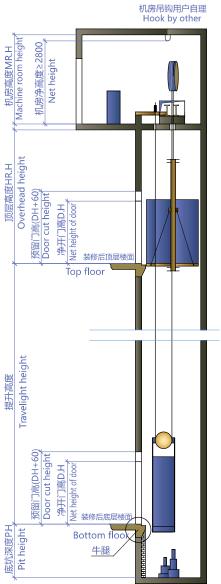
When it starts home landing Pre-Pghting switch, all the commands will be cancelled then, The lift immediately drives to the designated landing and park there.

自动状态下,无指令时保持开门状态,一有指令电梯立即关门响起。 In automatic condition, the door keeps open without any command, And the lift immediately shuts the door and responds to the command if any.

HD-F10 载货电梯土建示意图

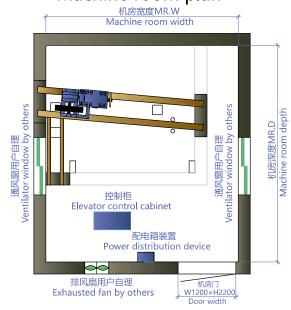
HD-F10 freight elevator construction sketch

井道立面图 Hoistway elevation

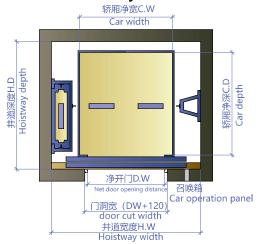


HD-F10 系列普通型载货电梯参数表 HD-F10 series freigt elevator SpeciPcations

机房平面图布置图 Machine room plan



井道平面图 Hoistay width



产品型号 Product	载重 kg Load	额定速度 m/s Rated Speed	轿厢净尺寸 (mm) Net size of car	净门距(mm) 井道尺寸(mm) Net size of dooor Hoistway size			机房尺寸(mm) Machine room size		
model			宽×深 C.W×C.D	中分双折门 Center Opening	宽×深 H.W×H.D	顶层高 HR.W	底坑深 P.H	宽×深 MR.W×MR.D	机房高 MR.H
F10.1000	1000	0.5	1300×1750	1300×2100	2400×2300	4500	1400	3500×3500	2800
F10.2000A	2000	0.5	1500×2700	1500×2100	2700×3250	4500	1500	3500×5000	2800
F10.2000B	2000	0.5	1930×2100	1600×2100	3100×2650	4500	1500	4000×4500	2800
F10.3000	3000	0.5	2200×2700	2200×2100	3700×3250	4500	1500	4500×5000	2800
F10.5000	5000	0.5	2400×3700	2400×2400	4000×4240	5500	1500	6000×6000	2800
F10.8000	8000	0.5	2600×5300	2600×2400	4400×5850	5500	2000	4400×5850	3000
F10.10000	10000	0.5	3000×5600	3000×2400	4900×6150	5500	2000	4900×6190	3000

注: 1. 电梯井道,厅门口等技术细节请与无锡宏达电梯有限公司联系;

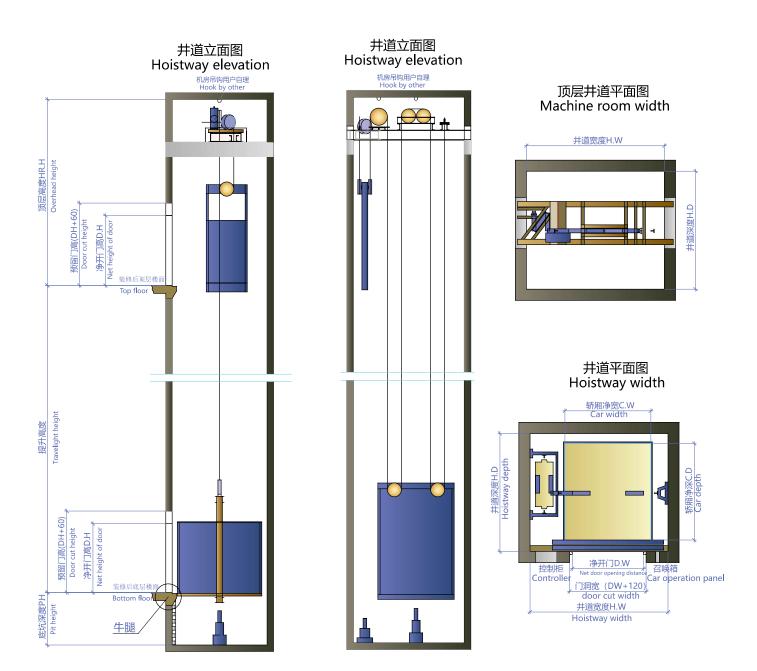
^{2.} 图中尺寸单位为毫米 (mm)。

Note: 1. As for the technical details such as the hoistway, hoistway door etc., please contact us, wuxi hongda elevator Co.,Ltd;

^{2.} Size unit in the Þgure is millimeter.



HD-F30 无机房货梯土建示意图 HD-F30 roomless freight elevator construction sketch



HD-F30 系列无机房载货电梯参数表

HD-F30 series roomless freigt elevator SpeciPcations

产品型号 Product	载重	额定速度 m/s	轿厢净尺寸 (mm) Net size of car	净门距(mm) Net size of dooor	井道尺寸(mm) Hoistway size		
model Load Speed		宽×深 C.W×C.D	中分双折门 Center Opening	宽×深 H.W×H.D	顶层高 HR.W	底坑深 P:H	
F30.1000	1000	0.5	1400×1600	900×2100	2400×2100	200	1400
F30.2000A	2000	0.5	1930×2170	1600×2100	3100×2650	4500	1500
F30.2000B	2000	0.5	1500×2700	1500×2100	3000×3250	4500	1500
F30.2000C	2000	0.5	1800×2400	1800×2100	3200×2950	4500	1500
F30.3000A	3000	0.5	2200×2700	2200×2100	3900×3250	5000	1500



售后服务

Service

客户至上的维保承诺

如您给我们一个机会,我们承诺将以最优质的服务作为回报!

- 一、售前服务承诺:
- 1)安装电梯前,我们的销售人员为您提供准确的井道图纸,确保图纸设计与设备需求无误。
- 2)工程现场工作时,我们的专业工程人员会定时与贵单位建筑总包单位协调,确保工程现场与设备需求无误。
- 3)我们的销售人员随时跟进贵单位的土建进程,保证工程现场符合设备需求。
- 二、 保修期外提供的技术服务承诺:
- 1)作为宏达的客户,您将享受最优惠的价格续签维修保养合同,我们将一如既往为您服务。
- 2)24小时提供技术咨询服务,公司总部设服务热线提供24小时无间断技术咨询服务。
- 3)多层次技术服务:①总公司有专职技术专家②全国各省会城市有常驻技术支援工程师③电梯所在地有我们的技术工人随时待命,为您服务。
- 4)作为我们的VIP客户,您将得到我公司免费的电梯系统升级机会,如 技术更新、新型材料使用等。

舒适 Comfortable 平稳的乘梯感觉 人性化的设计 创建舒适的楼宇环境



节能、高效 Efpciency

稳定可靠的安全性能 高持久性和令人安心的服务体系 提供先进的楼宇安全系统



安全 Safety 通过先进的驱动、控制技术促进节能 提高楼宇内运输和楼宇管理的效率 追求空间的节约





优质的服务产品

交流培训:提供产品交付后的服务,在产品安装完毕交付使用时,我们将派专家与用户交流培训, 讲解电梯使用、日常管理注意事项。我们欢迎贵单位派员随时学习。

日常保养:提供每半月一次的预防性日常保养(清洁、润滑、调整),确保贵公司的电梯能够稳 定运行。

协助年检:每年电梯年检之前,我们将对贵单位电梯进行一次全面的检查,调整确保电梯顺利通 过年检,年检期间我们将无偿提供劳务及技术培训。

24小时全天候急修服务: 我们将提供24小时全天候急修服务。保证30分钟内到达贵单位现场, 一般问题修复时间不超过半小时,特殊问题修复时间最长不超过24小时。

每季度一次回访服务:我们的服务主管每季度将回访一次,交流服务、产品、管理等方面需要解 决的问题,并及时改进。

完善的服务资源

专业的服务团队:针对此项目,我公司在当地设置维保中心,维保中心拥有20多人的专业服务团队,为服务提 供了有力的人力资源保障。

完善的备品备件库:我们将为贵处配备完善的备品备件,可以在三十分钟内解决贵处电梯常用配件问题,在六十 分钟内解决贵重配件的支持。

快速反应的交通保障:维保中心配备了服务专用车,为24小时全天候服务提供了交通保障。

畅通的服务热线:畅通的服务热线随时等候您的召唤。

公司服务部设置客服中心(One Call),当电梯出现故障时,乘客不必惊慌,可按照电梯内电话拨打,客服中 心将立即派人员恢复通畅。







创新基因 品质传承 Creative gene, inherited quality

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color sample as the criterion.

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