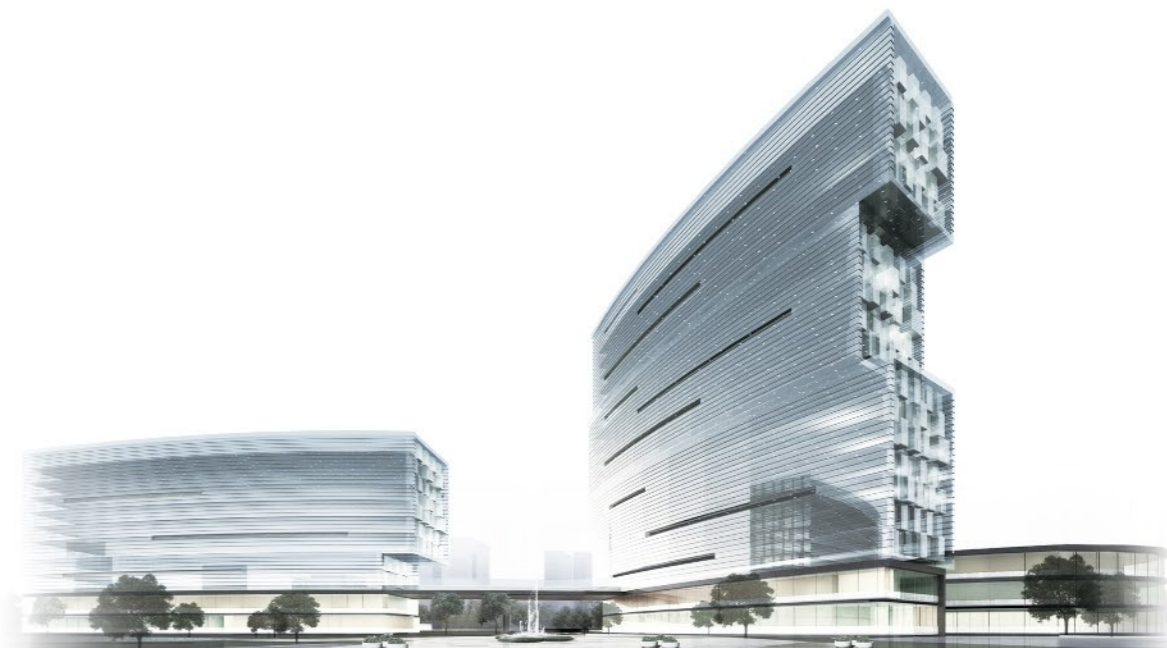




GANDEO
德国品牌 经典帝奥



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智·悦系列 Machine Roomless Elevator
Intelligent & Pleasure Series
无机房电梯
D/GMT-7 无机房电梯

苏州帝奥电梯有限公司
SUZHOU DIAO ELEVATOR CO.,LTD.



有限空间 悦动无限可能

Limited space delivers
limitless possibility



帝奥D/GMT-7无机房乘客电梯通过创新性的设计，突破了电梯必须设置机房的限制，释放更多空间，同时兼具环保、节能、高效的优点，成为现代楼宇交通最适宜的解决方案。

With innovative design, DIAO D/GMT-7 machine roomless passenger elevators break through the limitation of machine room to release more space. Advantageous as environmental protective, energy saving and highly effective, this series has become the most suitable solution for modern buildings.





优化主机结构

专为无机房而设计改进的永磁同步无齿轮曳引机，重量只有传统曳引机的一半，最大程度地减少了对建筑结构的影响。

Optimize the engine structure

The permanent magnet synchronous gearless machine is only half in weight compared with traditional machine to maximum reduce the impact to the architectural structure.

降低建筑成本

通过减少机房，可以同时节约建筑时间、材料和成本，提高安装效率。

Reduce the architectural cost

The reduction of the number of machine rooms can save the architectural time, materials and cost to increase the installation efficiency.

100%空间利用率

曳引机和控制柜直接放置于井道内，将机房和井道融为一体，节约10%的建筑面积，真正实现建筑空间100%的高利用率。

100% space utilization

The tractor and control cabinet being directly set within the well lane, which integrates the machine room and well lane, can save 10% of the architectural area to truly realize 100% utilization of the architectural space.



释放建筑空间，乘行轻松自如

Release architectural space for relaxing and comfortable transportation

帝奥D/GMT-7无机房乘客电梯将机房融入于井道之中，提高了设计自由度，降低了建筑成本，用最小的空间占用，换取最大的乘行享受。

DIAO D/GMT-7 Machine roomless passenger elevators integrate the machine room within the well lane to increase the design freedom and decrease the architectural cost. The utilization of the minimum space gets the best transportation enjoyment in return.

节约建筑面积10%

提高效率25%-30%

节约电能40%

It saves 10% of building area
It enhances 25%-30% of efficiency
It saves 40% of electric energy

10%

25%

40%

智行上下之路，安全品质生活

Intelligent elevating, safe and high quality life

帝奥D/GMT-7无机房乘客电梯选用最领先、最优化的系统，让电梯真正实现智能运行，更高效地上下畅行，为用户带去更便捷的出行方式。

DIAO D/GMT-7 Machine roomless passenger elevators choose the most advanced and optimized system to truly realize intelligent operation for higher efficiency in top-down transportation and more convenient transportation for users.

“奥创”电梯物联网

帝奥“奥创”电梯物联网全面覆盖，实现了数据的计算、储存、处理和共享，构建出一个安全智能的监控管理平台。

Aochuang Internet of Things

DIAO Aochuang Internet of Things covers completely realizing calculation, storage, processing and sharing of data, constructing a safe and intelligent monitoring platform.

及时维保

24小时实时视频监控，当发生电梯故障、意外困人等事件时，系统将自动报警并以故障代码的形式发送到附近维保人员的手机上，确保维保人员第一时间到达现场。

Timely maintenance

24 hours real-time monitoring; system will alarm automatically and send malfunction code to mobile phones of surrounding maintenances when elevator malfunction and accidents appear, ensuring the arrival of maintenances immediately.

及时预警

系统将对每一部电梯的故障信息、维保周期、年检情况、部件损耗等数据进行记录和分析，根据结果制定科学维保计划并及时预警，让电梯始终处于最佳运行状态。

Timely early warning

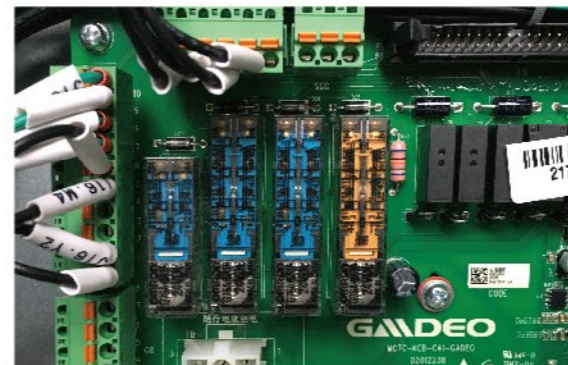
The system will record and analyze malfunction information, maintenance period, annual check and parts loss of each elevator; it formulates scientific maintenance plan and makes timely alarming according to the results, allowing elevators stay in a best operation state.

网络联动

可与五方通话系统进行联动，监控数据可以授权给分公司、维保单位、物业公司等，多方合力，全面提升电梯的安全等级。

Network linkage

Make linkage through communication system with five parties; the monitoring data can be authorized to branches, maintenance units and real estate companies; the joint force from multiple parties can improve the safety of elevators comprehensively.



UCMP轿厢意外移动保护装置

在平层区且门打开的情况下，如果电梯出现意外移动，在井道内的检测装置会发出检测信号给控制系统，触发制动器，使轿厢安全制停，防止乘客在进出轿厢时受到意外伤害。

Unintended car movement protection system

In the condition of leveling car when door opened, if an accidental movement of the elevator happens, the detection device in the well will transport a test signal to the control system, triggering the brake to stop the car, so as to prevent the passengers from being injured when entering and leaving the car.



电动松闸功能

突发停电时，可启用电动松闸装置，利用永磁同步电机自发电的特点，短接电机输入端，张开抱闸，使电梯运行至平层位置，快速救出被困人员。

Electric brake-releasing function

In case of power off, the electric brake-releasing function can be activated. With self-generating electricity by the permanent magnet synchronous motor, it can start the band-type brake with short circuit machine input to deliver the elevator to the ground floor and promptly save the trapped person.

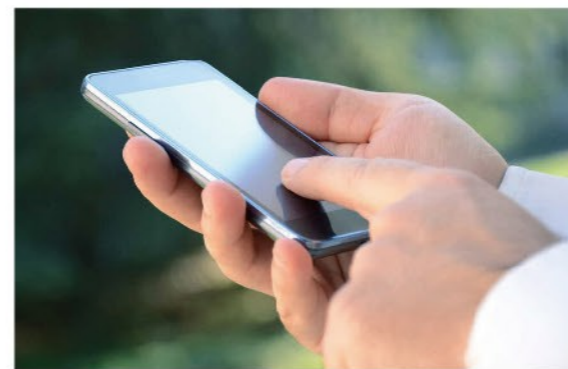


客户端蓝牙调试

应用蓝牙无线通信系统，通过手机客户端就能对电梯主控板进行参数调试或程序升级，相比传统调试方法更灵活可靠，调试结果直观可视，更加智能。

Client blue-tooth debugging

With blue-tooth wireless communication system, it can make parameter debugging or procedure upgrading for the elevator control panel through the mobile client terminal. Compared with traditional debugging ways, it is more flexible and reliable with direct and visible debugging result to make it smarter.



客户端蓝牙呼梯

通过蓝牙无线通信系统，用户无需走到电梯前，就可以通过手机客户端进行远程呼梯操作，方便快捷，缩短了候梯时间，让电梯运行更高效。

Client-side bluetooth calling landing

The blue-tooth wireless communication system allows the users of remote calling landing on the client phone client, which saves the trouble of going in front of the elevator. It is thus convenient and fast, which shortens the waiting time and delivers more efficiency of elevator.

人性化节能科技，让未来与众不同

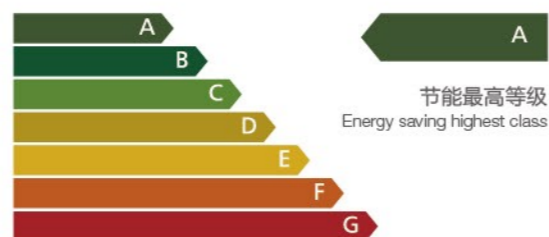
Humanized energy-saving technology makes the future different

帝奥D/GMT-7无机房乘客电梯采用环保、节能的核心技术，降低了能源消耗，为客户节省下运行成本的同时，也以人性化的功能细节，引领电梯科技新潮流。

Depending on environmental protective and energy-saving core technology, DIAO D/GMT-7 machine roomless passenger elevators can reduce the energy consumption. In saving operation cost for users, this series will also lead the new elevator trend by such humanized functional details.

我们的产品能源效率
Our product energy efficiency

VDI 4707

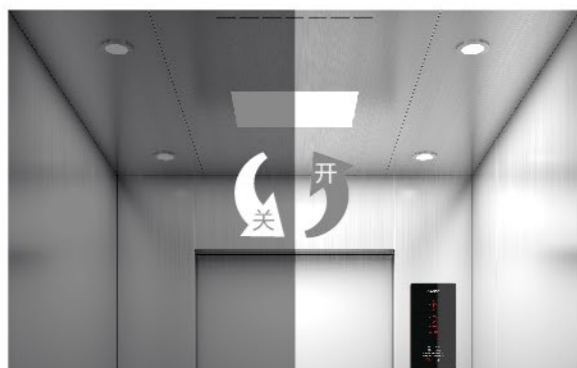


LED照明系统

全部采用LED绿色光源，将90%以上的电能转变为光能，相比传统白炽灯可节能80%以上。

LED illumination system

With LED green illuminant, it can transform over 90% of the electric energy into luminous energy. Compared with traditional incandescent light bulbs, it can save more than 80% of the energy.



自动唤醒装置（选配）

固定时间内无人呼梯时，轿厢内的照明和通风装置将自动关闭，直到有乘客呼梯时再次启动，有效节省下非运行状态时耗费的能源。

Automatic awakening device (optional)

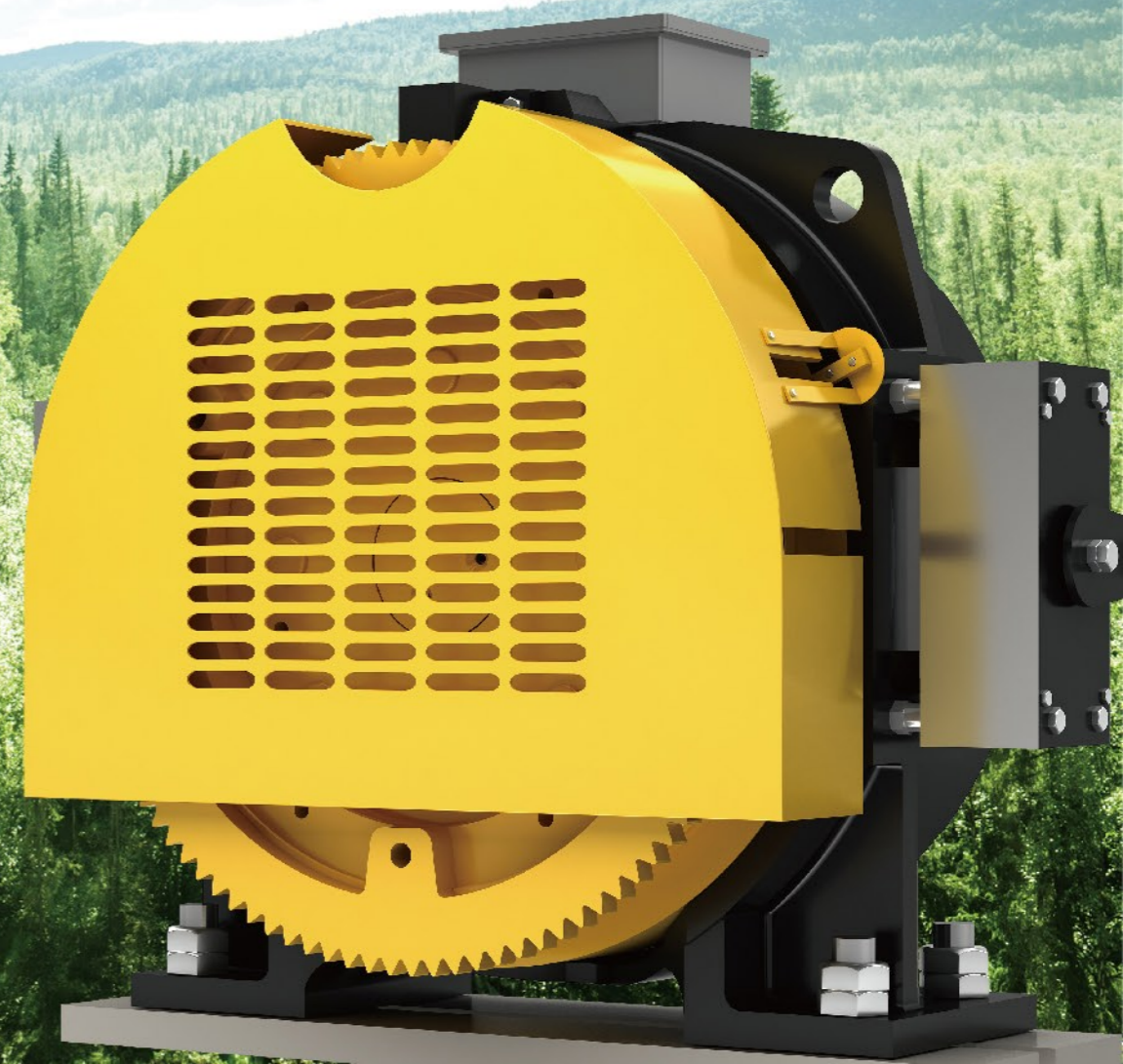
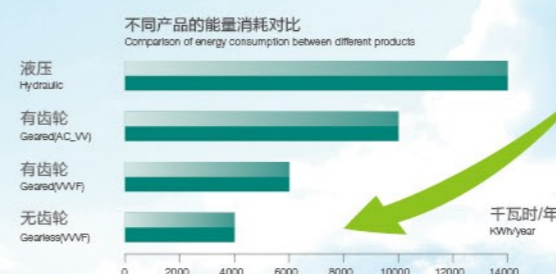
When no one calls within the fixed time, the illumination and ventilation will automatically close in the lift car. They will again start until passengers call to effectively save the energy consumed under the condition of non-operation.

永磁同步无齿轮曳引机

传动效率高达98%以上，较传统有齿轮曳引机节能近40%，无需更换油脂，彻底解决了油污污染。

Permanent magnet synchronous gearless machine

It can reach over 98% of the transmission efficiency. Compared with traditional gear machine, it can about 40% of the energy. With no need of replacement of grease, it can thoroughly solve the oil contamination.





轿厢装潢

Car decoration

GMT-K007 <

标配 Standard

吊顶（一体式）：钢板喷涂，四侧筒灯
轿壁和轿门：不锈钢
操纵盘：发纹不锈钢（分体式）
地板：PVC地板
Ceiling (Integrated type): Painted steel plate, four sides down lamp
Car wall and car door: Stainless steel
Operation panel: Hairline stainless steel (Separated type)
Floor: PVC floor



扫描二维码360度了解轿厢
Scan the QR code to know more about the lift car in the 360-degree manner

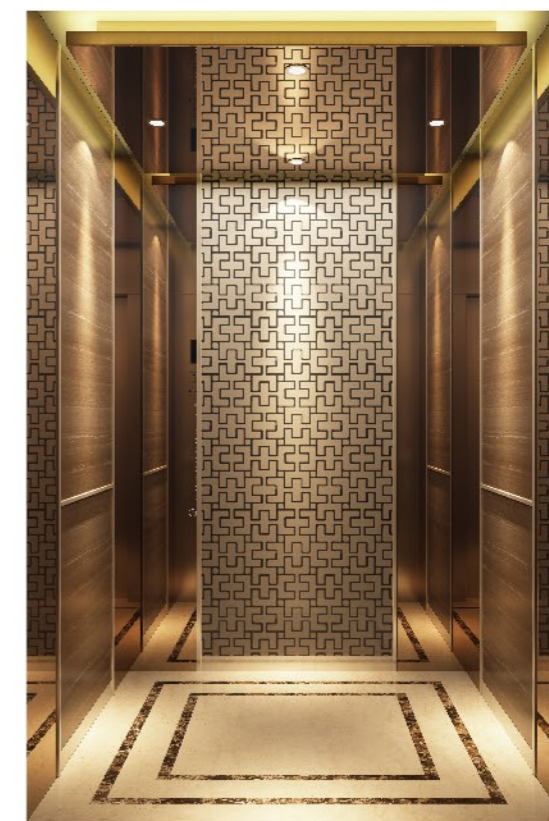
GMT-K012 >

(选配 Optional)

吊顶：镜面不锈钢、LED筒灯、白色烤漆、灯带
轿壁：侧轿壁：镜面不锈钢、大理石纹防火板、
拉丝不锈钢收边条、拉丝不锈钢踢脚线、
拉丝不锈钢嵌条
后轿壁：镜面不锈钢、艺术玻璃、拉丝
不锈钢收边条、拉丝不锈钢踢脚线
地板：大理石拼花
Ceiling: Mirror stainless steel, LED down lamp, white stoving varnish and tape lights
Car wall: Side wall: mirror stainless steel, marbling fire-proof plate, brushed stainless steel capping strip, brushed stainless steel skirting line and brushed stainless steel gib
Rear wall: mirror stainless steel, artistic glass, brushed stainless steel capping strip, brushed stainless steel skirting line
Floor: Marble parquet



扫描二维码360度了解轿厢
Scan the QR code to know more about the lift car in the 360-degree manner



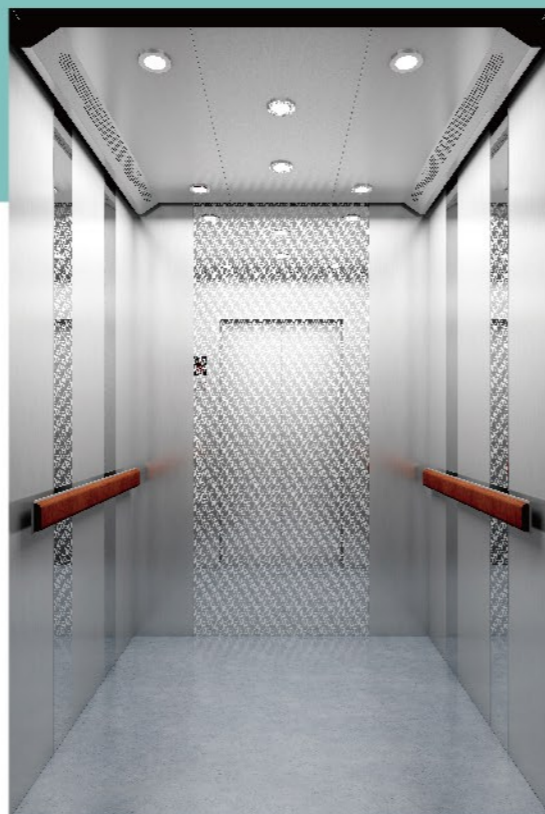
GMT-K009 >

选配 Optional

吊顶：发纹不锈钢，筒灯照明
轿壁：侧轿壁：发纹不锈钢，镜面不锈钢
后轿壁：发纹不锈钢，镜面蚀刻不锈钢
扶手：不锈钢，实木组合
地板：PVC地板
Ceiling: Hairline stainless steel, down lamp
Car wall: Side wall: Hairline stainless steel, mirror stainless steel
Rear wall: Hairline stainless steel, mirror etching stainless steel
Handrail: Stainless steel, wood
Floor: PVC floor



扫描二维码360度了解轿厢
Scan the QR code to know more about the lift car in the 360-degree manner



GMT-K013 <

(选配 Optional)

吊顶：镜面不锈钢、LED筒灯、白色烤漆、灯带
轿壁：侧轿壁：黑钛镜面不锈钢、木纹防火板、拉丝不锈钢收边条、拉丝不锈钢踢脚线、拉丝不锈钢、不锈钢扶手
后轿壁：黑钛镜面不锈钢、玫瑰金镜面不锈钢蚀刻、拉丝不锈钢收边条、拉丝不锈钢踢脚线
地板：地砖
Ceiling: Mirror stainless steel, LED down lamp, white stoving varnish and tape lights
Car wall: Side wall: Black titanium mirror stainless steel, wood grain fire-proof plate, brushed stainless steel capping strip, brushed stainless steel skirting line, brushed stainless steel and stainless steel handrail
Rear wall: Black titanium mirror stainless steel, rose gold mirror stainless steel etching, brushed stainless steel capping strip and brushed stainless steel skirting line
Floor: Floor tiles



扫描二维码360度了解轿厢
Scan the QR code to know more about the lift car in the 360-degree manner

请注意，由于电脑绘制，图像和颜色可能与真实情况稍有差异。
Please note that due to computer rendering, images and colors may differ slightly from the actual situation.

操纵箱

Operation panel



DO-C500

操纵箱

Operation panel

显示: 点阵显示

面板材质: 发纹不锈钢

停层数: 28层以下

Display: Dot-matrix display
Material: Hairline stainless steel
Parking number: Below 28F

按钮 (可选Optional)

DO-AN112
方形不锈钢, 带盲文
Square stainless steel, with braille

DO-AN113
圆形不锈钢, 带盲文
Circular stainless steel, with braille



DO-C500X

壁挂式
Wall-mounted contro box



DO-C600

操纵箱

Operation panel

显示: 点阵显示

面板材质: 发纹不锈钢

停层数: 28层以下

Display: Dot-matrix display
Material: Hairline stainless steel
Parking number: Below 28F

按钮 (可选Optional)

DO-AN112
方形不锈钢, 带盲文
Square stainless steel, with braille

DO-AN113
圆形不锈钢, 带盲文
Circular stainless steel, with braille



DO-C610X

壁挂式
Wall-mounted contro box



DO-C700

一体式操纵箱
Integrative operation panel

一体式操纵箱

Integrated operation panel

显示: 点阵显示

面板材质: 发纹不锈钢

Display: Dot-matrix display
Material: Hairline stainless steel

按钮 (可选Optional)

DO-AN112
方形不锈钢, 带盲文
Square stainless steel, with braille

DO-AN113
圆形不锈钢, 带盲文
Circular stainless steel, with braille



DO-C700X

壁挂式
Wall-mounted contro box

有限空间 悦动无限可能
Limited space delivers limitless possibility

◀ 11 / 12 ▶



多媒体显示 (可选Optional)
Multimedia display



DO-LCD01



DO-LCD02

电梯装潢

Elevator decoration

由于印刷工艺的限制，实际加工的颜色可能与目录略有不同，最终选型可根据实际材料和色样决定。

Because of restrictions in aspect of printing craft and technology, there will be slight difference between colors in this catalogue, the final model selection can be decided according to the actual material and color specimen.

吊顶 / Ceiling



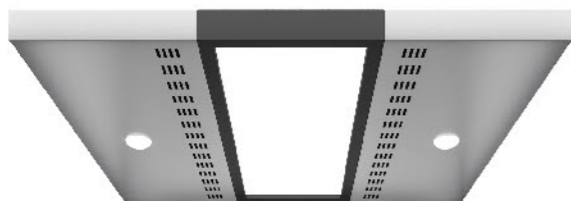
DO-D101

钢板喷涂，四侧筒灯
Painted steel plate, four side down lamp



DO-D102

钢板喷涂，筒灯照明
Painted steel plate, tube lamp



DO-D103

钢板喷涂，LED照明
Painted steel plate, LED lighting



DO-D106 选配 / Optional

镜面不锈钢、LED筒灯
Mirror stainless steel, LED down lamp

备注：面板材质可选配不锈钢。 Note: The material of the panel can be stainless steel.

色卡 / Color Cards



DO-S010

浅灰 Light gray



DO-S020

米色 Cream-colored

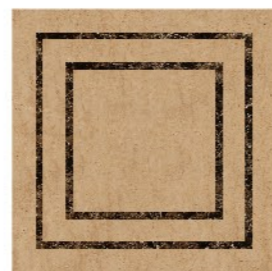
地板 / Floor



DO-B021



DO-B031

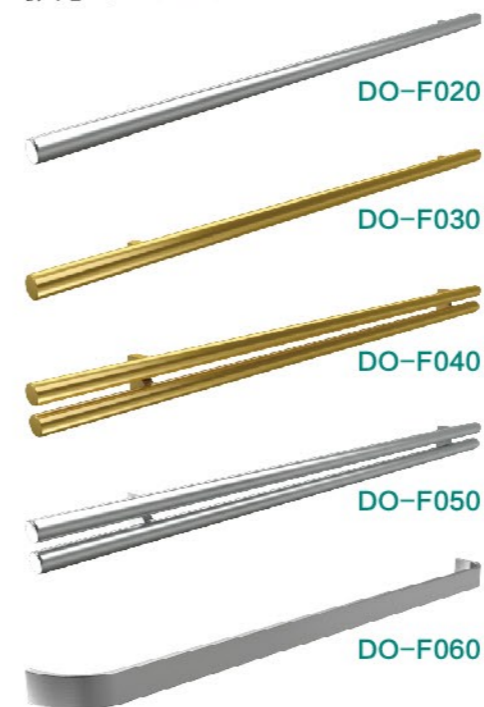


DO-B041



DO-B051

扶手 / Handrail



厅门 / Door



DO-M017 标配 / Standard

厅门：喷涂钢板（浅灰） Landing door: Painted steel plate (Light gray)
门套：喷涂钢板（浅灰） Jamb: Painted steel plate (Light gray)



DO-M018 选配 / Optional

厅门：不锈钢 Landing door: Stainless steel
门套：不锈钢 Jamb: Stainless steel



电梯功能表

Function table

S-标配 Standard
O-可选 需加价 Optional

控制功能	Control function	
变频驱动	VVVF drive	S
门机变频驱动	VVVF drive for door operator	S
井道楼层距离自学习	Well and floor distance self-tuning	S
上电再平层	Power on re-leveling	S
轿内及层站微动指令按钮	Micro-touch button for car	S
轿厢到站钟	Car arrival chime	S
并联控制	Duplex control	S
智能IC卡服务	Intelligent call service	O
提前开门	Open the door ahead	O
轿厢副操纵箱	The second car operation panel	O
物联网远程监控	Remote control of internet of things	O
特定楼层优先服务	Special floor priority service	O
特定楼层不停靠	Non-service floor setting	O
群控功能	Group supervision function	O
上班高峰服务(用于群控梯)	Up peak service(for elevator group)	O
下班高峰服务(用于群控梯)	Down peak service(for elevator group)	O
午餐时间服务(用于群控梯)	Lunch time service(for elevator group)	O
贵宾服务(用于群控梯)	VIP service(for elevator group)	O
不间断服务(用于群控梯)	Continuity of service(for elevator group)	O
自动楼层支援(用于群控梯)	Automatic floor support(for elevator group)	O

乘客舒适功能	Comfortable function	
应急照明	Emergency car lighting	S
轿厢风扇、照明自动关闭	Car ventilation light automatically shut off	S
电梯门重复开关	Repeated door closing	S
延时关门时间自由设定	Automatically adjust door opening time	S
本层重开门	Reopen with hall call	S
即时关门	Express door closing	S
停梯开门	Car stop and door open	S
预称重启动	Pre-load start	O

信息功能	Information function	
全集选控制	Full collective control	S
满载直驶	Full-load bypass	S
远程关闭	Main floor shut off	S
故障自诊断	Self diagnosis of breakdown	S
五方通话装置	Five-way communication	S
轿厢警铃	Car's Bell	S
轿内层楼、方向指示	Floor and direction indicator in the car	S
层站层楼、方向指示	Floor and direction indicator at hall	S
语音报站	Voice announcement	O
轿厢LCD显示	Car LCD display	O
交通流量管理(用于群控梯)	Automatic floor support (for elevator group)	O
分散待机	Strategic overall assignment	O

安全功能	Safety function	
光幕保护	Light curtain protection	S
超载停梯	Overload holding stop	S
防捣乱	Anti-nuisance	S
防曳引绳打滑保护	Traction-resistant rope sliding	S
启动保护控制	Start protection control	S
检修操作	Inspection operation	S
紧急电动运行	Inching operation	S
安全停层	Safely stop	S
端站强迫减速保护	Terminal forced slow-down protection	S
上下限位及上下极限保护	Up/down overrun and final limit protection	S
超速保护装置	Over speed protection device	S
上行超速保护	Up over speed protection	S
消防返回	Fire emergency return	S
消防员运行	Fireman running	S
UCMP轿厢意外移动保护功能	Car accident mobile protection function	S
电动松闸装置	Electric brake-releasing device	S
旁路功能	Bypass features	S
停电应急平层装置	Power failure emergency leveling device	O

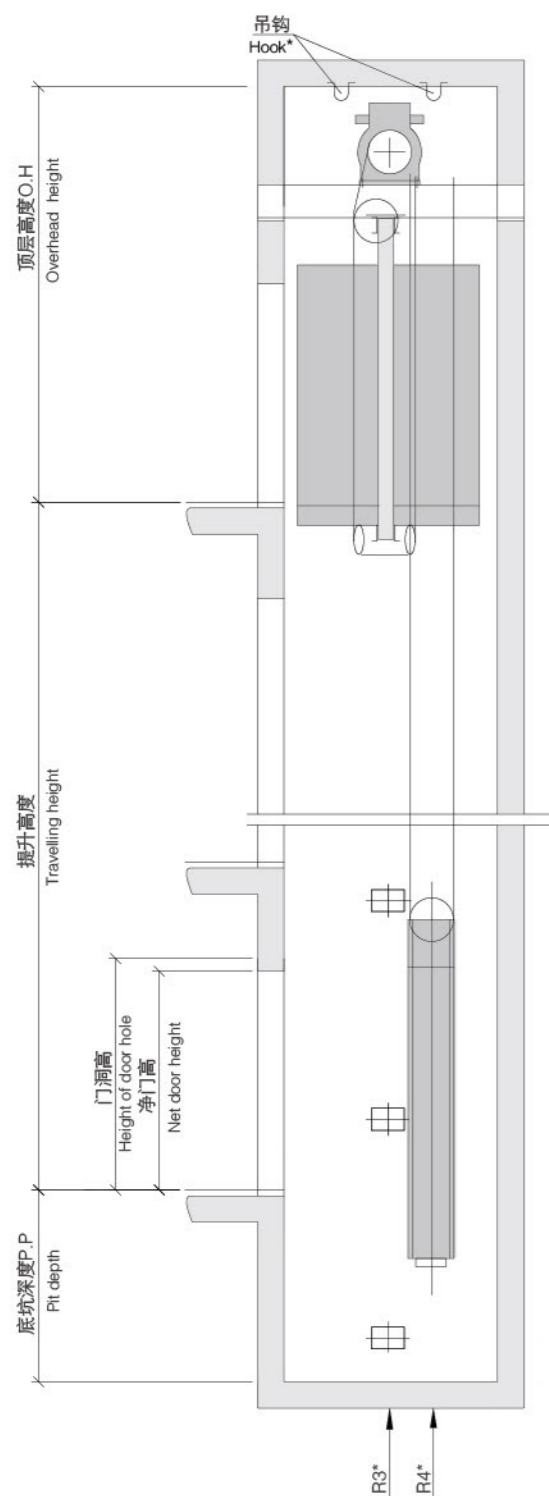
注：功能列表以帝奥技术文件为准，详情请洽帝奥电梯当地销售代表。
Remark: Please refer to DIAO technical documents and contact our DIAO sales person for details.

D/GMT-7 无机房电梯土建示意图

D/GMT-7 Machine roomless elevator
Construction parameters

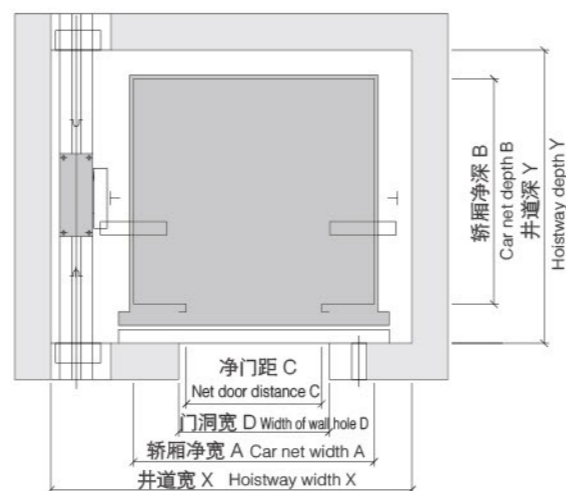
井道立面图

Hoistway vertical section



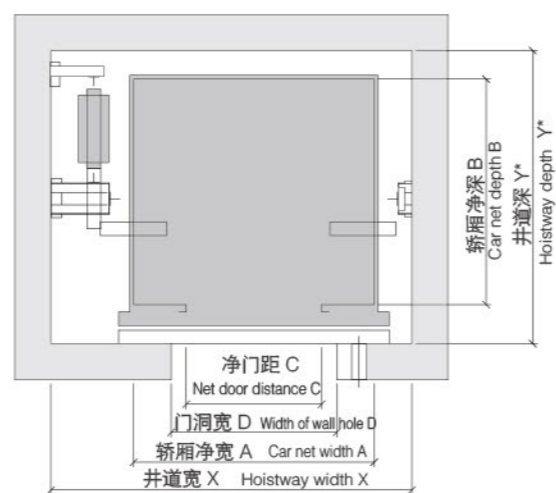
顶层平面布置图

Overhead plane layout



井道平面布置图

Hoistway plane layout



D/GMT-7 无机房电梯参数表

D/GMT-7 Machine roomless elevator parameters

载重 (kg) Load (kg)	速度 Speed (m/s)	轿厢尺寸 (mm) Car dimension (mm)	开门尺寸 (mm) Door-opening size(mm)	井道尺寸 (mm) Hoistway size(mm)	顶层高度 Overhead height (OH)	底坑深度 Pit depth (PP)
		内尺寸 AXB Inner size AXB	净开门 C Net door-opening	宽 x 深 Width x depth		
630	1.0	1400X1100	800	2250X1700	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
800	1.0	1400X1350	800	2250X1800	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1000	1.0	1600X1500	900	2450X2000	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1250	1.0	1800X1550	1100	2750X2050	4600	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1350	1.0	1900X1600	1100	2850X2050	4700	1600
	1.5				4900	1700
	1.75				4900	1800
	2.0				5000	2000
1600	1.0	1950X1700	1100	2950X2200	4700	1700
	1.5				4900	1800
	1.75				4900	1800
	2.0				5000	2000
	2.0				5000	2000

(本资料仅供设计选用参考, 详细参数以技术图纸为准。)

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

注: 如若超出上述范围的规格, 请与帝奥电梯公司联系。
Note: If the specification exceeds above range, please contact us, DIAO Elevator Company.