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Sales hotline

**FUJI Precision**  
Elevator & Escalator

**Escalator  
Moving Walk**  
自动扶梯/自动人行道

城市交通一站式解决方案



**Suzhou FUJI Precision Elevator Co., Ltd.**

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**Suzhou FUJI Precision Elevator Co., Ltd.**



## Bridges to urban mobility 架起城市移动的桥梁

富士精工自动扶梯采用国际先进技术和先进的设计理念生产制造，充分发挥自身便捷性的特性，提供给乘客靓丽、舒适的全新感觉。在现代城市中，架起城市移动的桥梁。

FUJI Precision escalator is manufactured with international advanced technology and advanced design concept. give full play to the characteristics of its convenience to provide passengers with a new sense of beauty and comfort In modern cities, the bridge of urban mobility is erected.



## FUJI Precision

Manufacture elevators for customer' s satisfaction

Suzhou FUJI Precision Elevator Co.,Ltd is a first-class brand specializing in elevator under the Liyang Group,which now owns two manufacturing companies:Suzhou FUJI Precision Elevator Co.,Ltd and Zhejiang Tilson Elevator Co.,Ltd.

The company covers an area of more than 400 Acres, and now employs more than 2000 workers. The company has always followed "spirit of excellence, the pursuit of excellence", with a focus on customers, products and services. We aim to provide a diverse range of products, services and support that can be relied upon worldwide.

FUJI Precision's products cover a full range of elevator products and services, including high-speed elevators,residential elevators, hospital elevators, cargo elevators, panoramic elevators, escalators, moving walks, villa elevators, platform, lifts for explosive atmospheres and other products. At present, FUJI Precision Elevator has successively developed more than 50 series and hundreds of specifications of elevators, and is committed to serving the development of the city with advanced technology, and its products have been sold well over the world.

## STARLINK OF FUJI PRECISION

Team up 100 partners  
Build up 100 elevator factories

**FUJI Precision elevator** is about to launch a new business development model-**FUJI Starlink plan**, is to break the brand monopoly, to break the institutional constraints and technical barriers of elevator manufacturing enterprises.

We are looking for **100 faithful partners** all over the world, to help them improve their strength,comprehensive strength, to support them to establish local elevator manufacturing plants, to achieve the global elevator industry chain, and jointly to build the **FUJI Precision elevator** manufacturing alliance in the elevator industry.

# Escalator series

## 自动扶梯系列

### 先进科研技术，铸就至高品质

Advanced scientific research technology,  
Casting the highest quality

富士精工自动扶梯采用国际先进技术和先进的设计理念生产制造，其自动扶梯具有运行平稳、噪音低、经久耐用、维修方便等特点，其精巧的结构、精良的梯路、精致的带路、外形豪华美观，提供给乘客亮丽、舒适的全新感觉，让您领略现代建筑的超凡魅力和豪华气派。

FUJI Precision escalator is manufactured with international advanced technology and advanced design concept. Its escalator has the characteristics of smooth operation, low noise, durability and convenient maintenance. Its exquisite structure, exquisite ladder, exquisite guide, luxurious appearance and beautiful appearance provide passengers with a new sense of brightness and comfort, so that you can appreciate the extraordinary charm and luxury of modern architecture style.

### 高效传动，变频节能

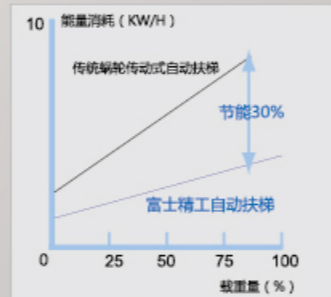
Efficient transmission, frequency  
conversion and energy saving

高精度，高效率的斜齿轮减速器，比传统的蜗轮蜗杆减速器效率更高，充分保证能源的高效利用。

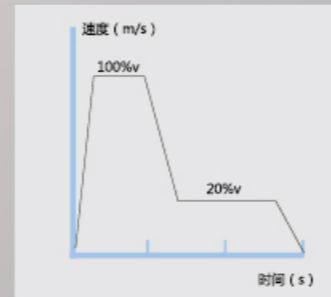
变频规格运行时，多种检测客流方式，无人时自动停歇，避免无效运行，节省电力。

Compared with the traditional worm gear decelerator, the highly accurate and effective helical gear decelerator brings about the higher efficiency. It fully ensures the effective use of energy.

It has variable frequency specifications, multiple modes to test the passenger flow. It automatically stops when nobody is in the elevator. It thus avoids invalid operation and saves the electric power.



斜齿轮减速器较蜗轮副减速器效率示意图  
Efficiency comparison conceptual diagram between  
helical gear speed reducer and worm-gear speed reducer



变频规格运行示意图  
Variable frequency specification running  
conceptual diagram



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平行和交叉连续布置式  
Parallel and cross  
continuous arrangement



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断续和连续布置式  
Intermittent and  
continuous arrangement



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# Four advantages

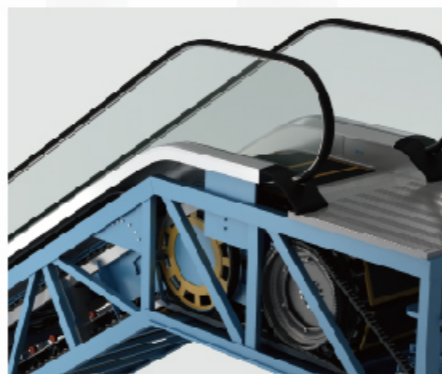
## 四大优势

### 精密结构之美

Beauty of Precision Structure

高强度金属结构，构建精密尺寸；超意识美学设计，与建筑物完美相融。

High strength metal structure constructs precision sizes. Super consciousness aesthetics design perfectly combines with the building.

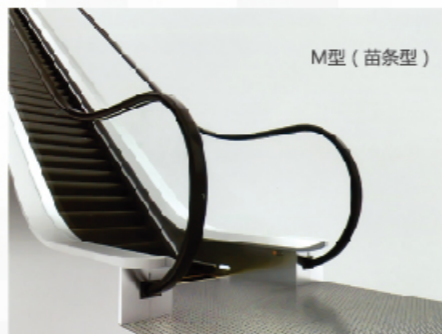


### 豪华气质之美

The Beauty of Luxurious Temperament

强化玻璃护壁板，豪华装饰胜人一筹。

Toughened glass wainscot, more superior deluxe decoration



M型 ( 苗条型 )

### 高效安全之美

The Beauty of High Efficiency and Safety

装有故障显示器，能够准确分析运行状态并显示在屏幕上，确保及时有效地维护。

It installs trouble display. It can accurately analyze the running condition and displays it in the screen. It thus ensures the prompt and effective maintenance.



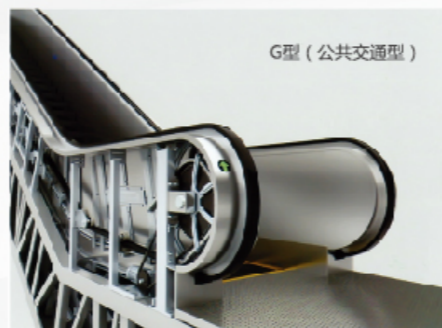
L型 ( 普通型 )

### 科技感应之美

The Beauty of Technology Sensation

自动启用/停止运行装置，位于楼层板附近装有自动感应传感器，乘客接近时能自动感应检测并运行，当乘客离开时会自动停止。

Automatic start / stop device is near floor plate. It installs automatic induction sensor. When the passenger gets close to it, it automatically induces, tests and operates. It automatically stops when the passenger leaves.



G型 ( 公共交通型 )



# Moving walk series

## 自动人行道系列

-219

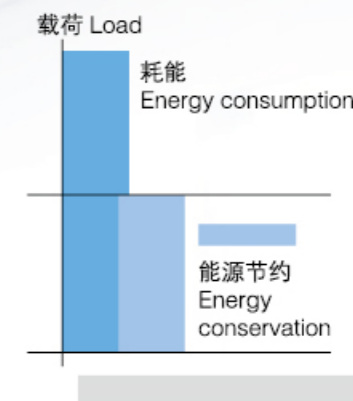
214

### 时尚靓形带来更佳承载体验

Fashion beautiful bring better bearing experience

富士精工自动人行道在缤纷的现代都市里，大型超市、公共建筑物、机场、展览中心及运输转换站等公共交通运输场合，自动人行道因其产品自身的特点，不仅能满足人流量大的运输问题，又能满足长距离步行和运送行李车、婴儿车、购物车、残疾车等使人们在乘坐的时候特别是在购物之际，上楼、下楼有如履平地的感觉，极大地方便了人们的出行和购物。其方便、快捷、愉悦的乘坐需要，由此也成为各大型超市、机场、展览中心及运输转换站的首选解决方案。

FUJI Precision moving walk satisfies the transport requirement of large passenger flow in public traffic and transport areas such as the colorful modern city, large-size supermarket, public building, airport, exhibition center, transport hub etc. because of its own characteristics. It meets long-distance walk. People feel as easily as walking on firm earth while carrying luggage cart, baby's cart, the vehicle for the disabled in moving walk. It is greatly convenient for the people's outing and shopping. It becomes first-choice solutionplan in large-size supermarket, airport, exhibition center, transport change-over station and so on because of its prompt, convenient and pleasant travel requirements.



### 节能运行模式

Energy-saving operation mode

可采用变频控制或自启动方式实现节能。

It can adopt variable frequency control or the automatic starting mode to fulfill the energy-saving.

### 结构紧凑，运行平稳

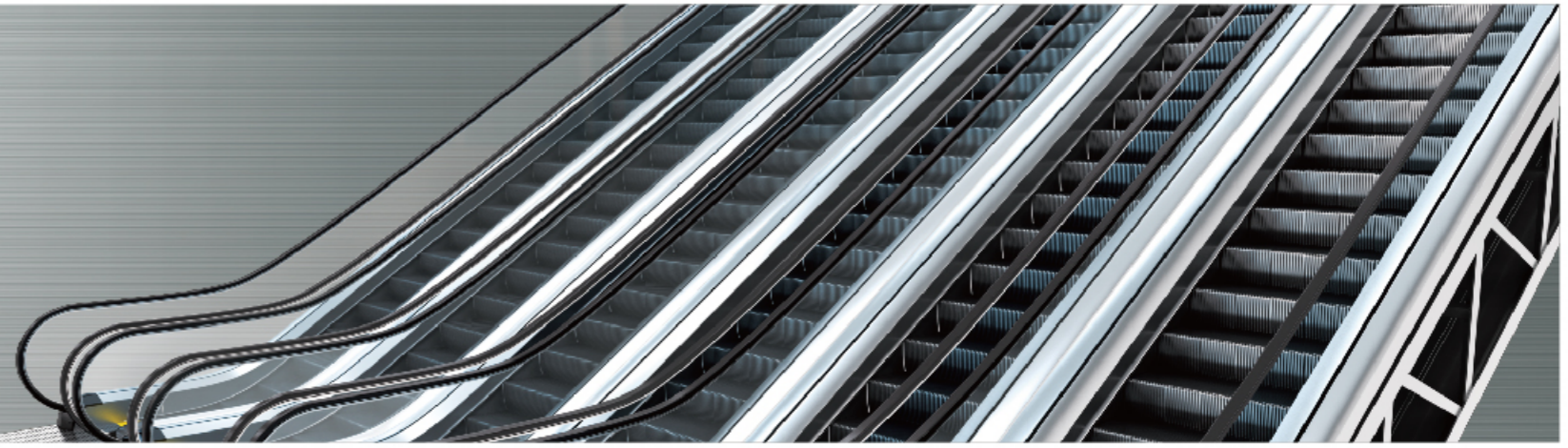
Compact structure and smooth operation

鱼腹梁式短踏板大大缩小了空间跨度，为客户节省宝贵的建筑空间。运行平稳，经久耐用，在安全和质量方面一直表现出色，让乘客出行购物，享受最悠闲、愉悦的时刻。

Fish web girder short pedal greatly reduces the space span and saves customers.valuable building space. running smoothly, durable, safe and quality has always been outstanding, let passengers travel shopping, enjoy the most a time of leisure and pleasure.

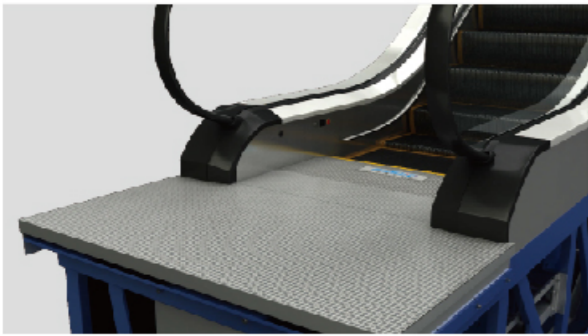
# Escalator safety escort

## 扶梯安全护航



### 盖板安全设计

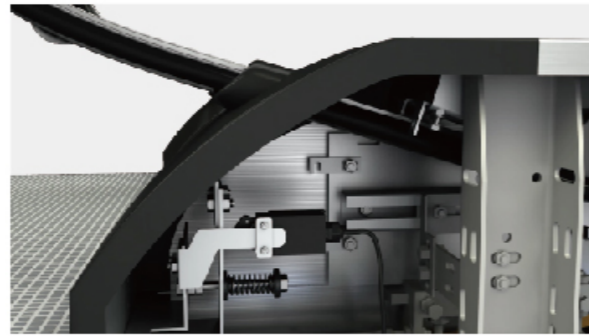
Cover-plate safety design



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### 扶手入口安全保护

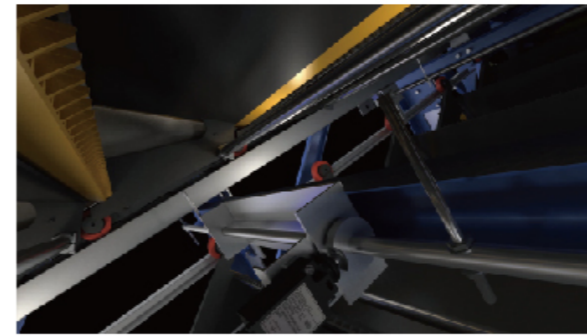
Handrail entry safety protection



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### 梯级下陷保护

Step sunken protection



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### 梯级链断裂保护

Protection against broken step chain



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### 驱动链接保护

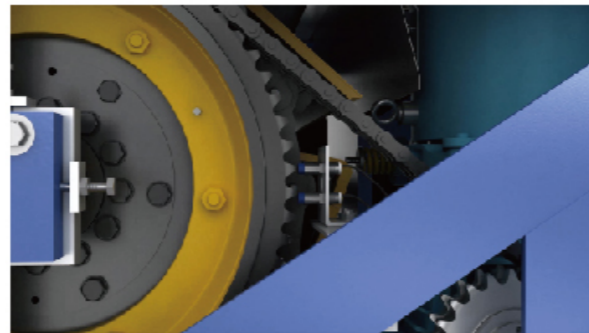
Drive chain protection



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### 非操作逆转保护

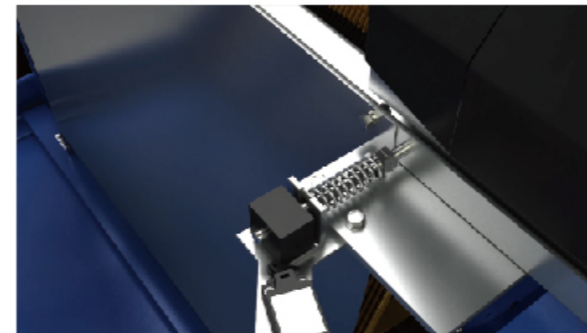
None operational reversal protection



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### 梳齿安全保护

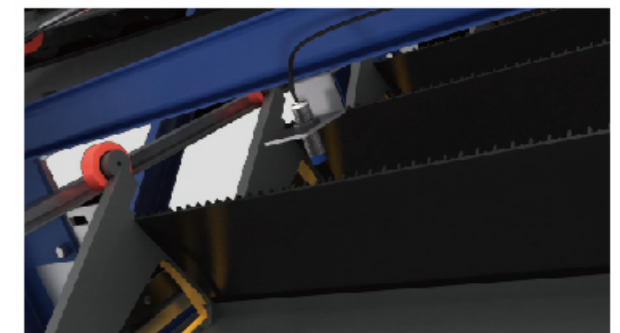
Comb-teeth safety protection



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### 梯级丢失检测

Lost step detection



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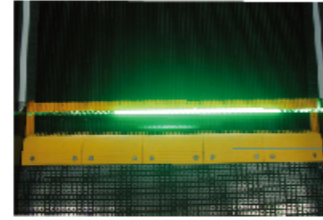
# Technology excellence

## 卓越科技

### 登梯照明 Demarcation lamp

绿色光线柔和地从上/下端部相邻梯级(踏板)的啮合齿中射出,以提醒乘客注意进出水平段,确保乘梯安全。

Green light softly beams out from the space between the engaged teeth of the two neighboring steps to remind the passengers to be aware of the level sections both at the entrance and exit, resulting in increased security for the passengers.

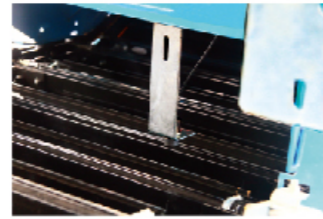


### 梯级缺失保护装置

#### Step loss protection device

该监测装置应在驱动站和转向站各设置一个,以确保无论设备上还是下行,因梯级踏板缺失而导致的缺口都不会出现在入口处。驱动站和转向站所设置监测装置的保护功能应在正常运行状态下,分别进行验证。该装置动作后,只有手动复位。

The monitoring device should be installed at both the driving station and the steering station to ensure that the gaps caused by the missing step pedal will not appear at the entrance regardless of whether the equipment is up or down. The protective functions of the monitoring devices installed in the driving station and the steering station should be verified separately in the normal operation state. After the device is operated, only manual reset is needed.



### 扶手入口安全保护

#### Handrail entry safety protection

当扶手入口有异物夹住时起保护。

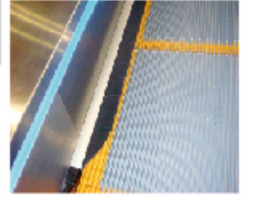
Protection against risk of foreign matters being jammed into handrail entry.



### 围裙板刷 Skirt panel brush

在围裙板和梯级之间装有刷子使乘客的鞋子不会碰到围裙板。

Brush is installed between step and skirting so that the passengers' shoes do not touch the skirt panel.

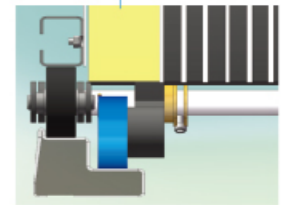


### 高精度梯路侧导向导轨系统

#### Side guide high accuracy step guide rail system

导轨系统采用大截面带肩导轨,实现梯级的高精度横向定位,可以有效地保证梯级与裙板间保持最小的间隙,降低了裙板与梯级间隙异物夹入的危险。

High rigidity big profile guide rail with nose used as transverse step positioning, guarantee the minimum gap between the skirt and step, decrease the possibility of objects clamp in between.



### 自动润滑系统 Automatic lubricator

由微机控制,在设定的时间里发出加油信号,自动接通液压泵,进行加油润滑。

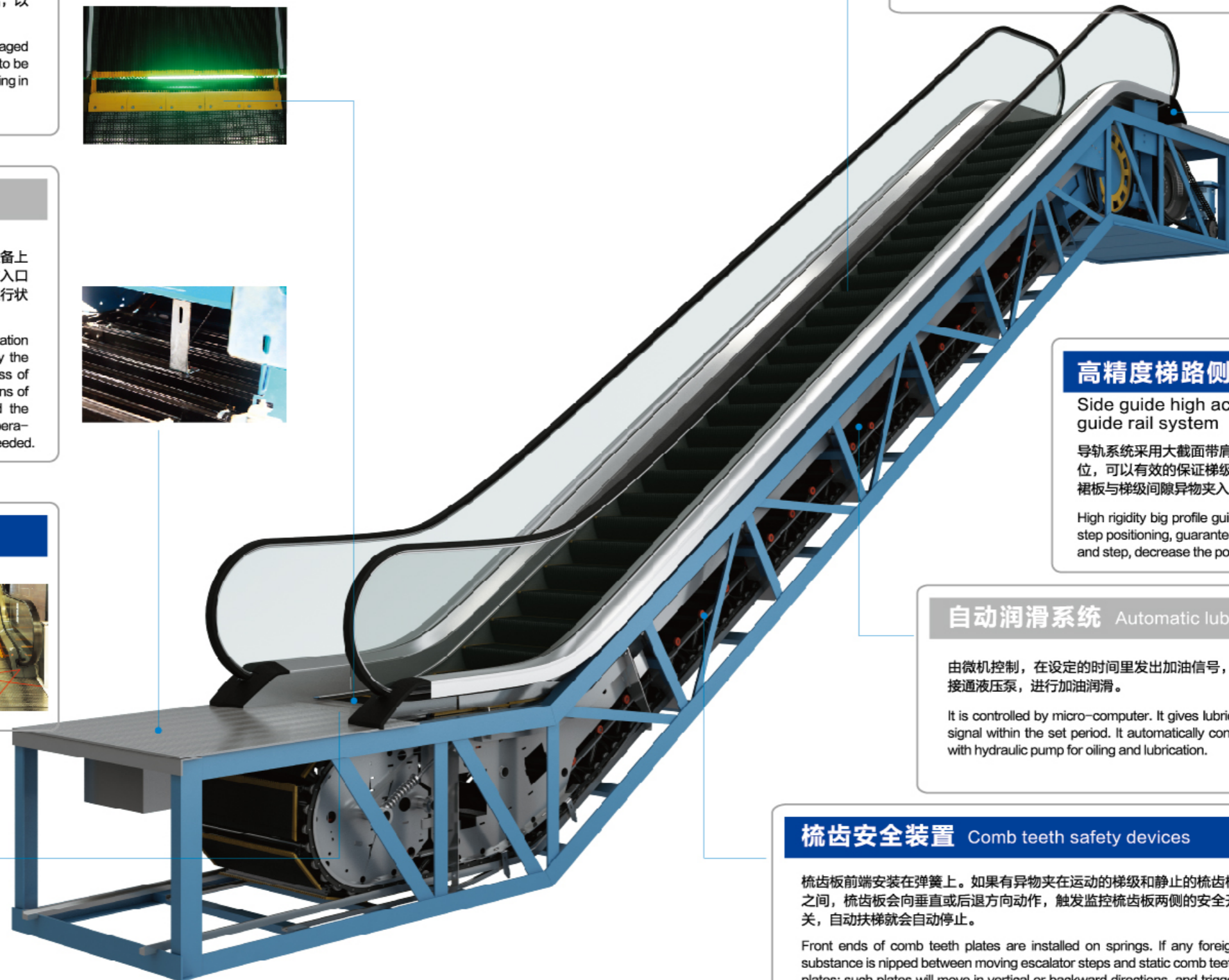
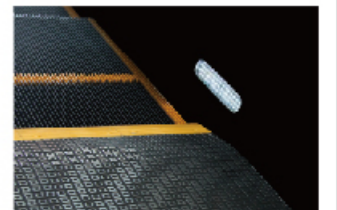
It is controlled by micro-computer. It gives lubricating signal within the set period. It automatically connects with hydraulic pump for oiling and lubrication.



### 梳齿安全装置 Comb teeth safety devices

梳齿板前端安装在弹簧上。如果有异物夹在运动的梯级和静止的梳齿板之间,梳齿板会向垂直或后退方向动作,触发监控梳齿板两侧的安全开关,自动扶梯就会自动停止。

Front ends of comb teeth plates are installed on springs. If any foreign substance is nipped between moving escalator steps and static comb teeth plates; such plates will move in vertical or backward directions, and trigger the safety switches monitoring at both sides of the plates, and the escalators will be automatically stopped.



# Standard functions

## 标准功能



标准功能  
Standard Function

静电保护 Static electricity protection	消除梯级（踏板）在运行产生的静电 Eliminate static electricity raised from running of steps.
急停保护 Emergency stop button	当需要紧急停车时，按下急停开关起保护 Push the emergency stop button to stop the escalator/moving walk against emergency raise.
围裙保护 Skirting protection	当异物夹入梯级（踏板）与围裙之间起保护 Protection against risk of foreign bodies being jammed into clearance between steps and skirting.
扶手入口安全保护 Handrail entry safety protection	当扶手入口有异物夹住时起保护 Protection against risk of foreign bodies being jammed into handrail entry.
驱动连接保护 Main drive chains safety protection	当驱动链断裂或过长时起保护 Protection against risk of drive chains being breakage or undue elongation.
超速保护 Over-speed protection	当速度高于额定速度的20%时起作用 Protection against risk of speed being over 20% of rated speed.
欠速保护 Under-speed protection	当速度低于额定速度的80%时起作用 Protection against risk of speed less than 80% of rated speed.
非操作逆转保护 Un-intentional reversal protection	当梯级和扶手带的运行方向和指定方向相反时起保护 Protection against risk of unintentional reversal protection.
缺、错相保护 Lack of phase, error phase protection	当动力电源缺相或错相时起保护 Protection against risk of phase failure.
短路保护 Short circuit protection	当动力回路短路时起保护 Protection against risk of short circuit.
过载保护 Over-load protection	当电机持续过载时起保护 Protection against risk of motor continually over-load.
梯级（踏板）下陷保护 Step sagging protection	当梯级（踏板）损坏而下陷时起保护 Protection against risk of steps being breakage and sagging.
梯级（踏板）链断裂保护 Broken step chain protection	当梯级（踏板）链断裂或过长时起保护 Protection against risk of step chains being breakage or under elongation.
梳齿安全保护 Comb teeth safety protection	当异物夹入梳齿时起保护 Protection against risk of foreign bodies being trapped at the point where the step enter the comb.
扶手带速度及断带监控 Handrail speed and broken handrail monitor	检测扶手带速度及断带监控 It detects the handrail speed and monitors the broken handrail.
围裙板防夹装置 Skirting anti-clamp device	在梯级两边的裙板上设置保护刷 It sets protection brush in the skirting on both sides of the step.
梯级丢失检测 Step missing detection	用于探测梯路中梯级的丢失 It detects the step missing in the stairway.
制动器打开监测开关 The brake opens the monitor switch	监测自动扶梯运行时制动器是否打开 It monitors whether the brake opens or not in during the escalator running.
盘车轮及盘车轮防护罩 打开安全开关 Handwheel and handwheel protection cover open safety	当需要手动盘车，打开主机上的盘车轮及盘车防护罩时，安全开关将切断安全电路，防止电梯打开 During the use of handwheel, when open the handwheel and the handwheel protection cover, the safety switch will cut the safety circuit against escalator running.
楼层板监测开关 Floor-plate monitor switch	当底坑盖板打开时断开安全电路和停止自动扶梯的安全开关 When the pit cover plate opens, it cuts off safety circuit and stops the escalator safety switch.
制动距离的监测 Monitor of brake distance	监测自动扶梯及自动人行道制停时的距离 It monitors brake distance of the escalator and auto-walk.

# Optional function

## 选配功能

### 变频控制技术

Frequency conversion control technology

选用频率变换器，能有效地降低能源消耗，在人流稀少的场合通常能节能60%，并能有效减少峰值电流80%。在空载情况下，自动扶梯以低速运行，当检测到乘客接近时即恢复正常速度运行。

When chooses the frequency converter, it can effectively reduce the energy consumption, usually save 60% of the energy in the little passenger flow and efficiently cut down 80% of the peak-value current. The escalator operates at low speed under no-load conditions, while detects the accessing passenger, it will return to normal speed for the operation.

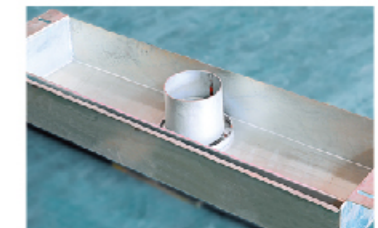


### 水油分离器（适用于室外型）

Water-oil separator (for outdoor type)

将扶梯的油水进行分离，雨水通过油水分离器排出，油污进行定期清洗，主要起到环保作用。

It separates the escalator oil and water. Rain exhausts through oil / water separator. We regularly clean oil mainly for the environmental protection purpose.



### 梳齿照明

Comb lighting

照明被安装在靠近梳齿板旁的围裙板上，为梯级和梳齿板提供照明以方便乘客安全的乘坐。

The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down.



### 间歇运行（自动启动/停止）

Intermittent operation (automatic start/stop)

隐藏于新型入口内部的传感器可以检测到进入楼层板的乘客，并自动开始运行，当所有乘客离开后会自动停止，以节约能耗。

The sensor inside the handrail which is near the floor plate can detect the passenger that enters into the escalator, and then it will automatically start into the operation. After all the passengers leave, it will automatically stop the operation again in order to save the energy.



# Optional function

## 选配功能

### 运行方向指示

Running direction indication

运行方向和禁行显示标识置于扶手带入口处，以显而易见的运行或禁行指示，确保乘客安全自如地乘坐。

The running direction and forbidden display mark have been placed in the inlet and outlet of the handrail. The obvious running or forbidden instruction ensures the safe riding of the passengers with great ease.

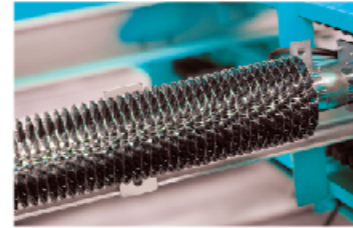


### 加温装置

Heating device

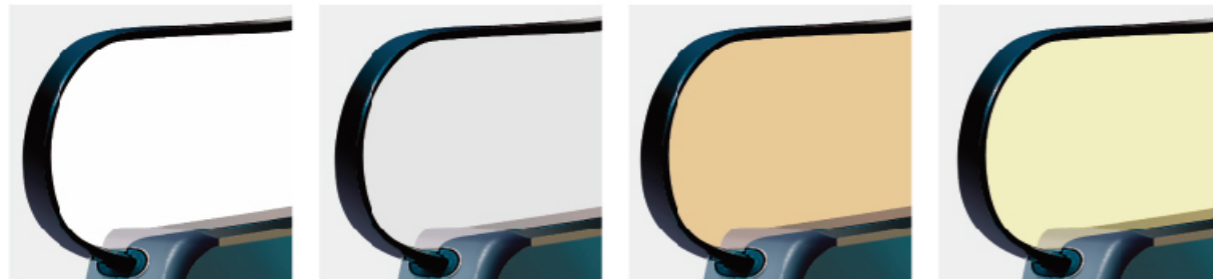
上部安装在上机房主机边，主要对上部机房进行加热，中部安装在扶梯中部，下部安装在下机房，主要对整个梯路进行加热。

Each escalator usually installs three heating devices. One is beside the host in the upper machine room. It mainly heats the host. The second is installed in the mid escalator. And the third is in the lower part. It mainly heats the whole escalator.



### 护栏玻璃颜色

Guardrail glass color



无色透明 (标配)  
Colorless and transparent  
(Standard)

灰色  
Deep gray

古铜色  
Bronze

黄色  
Yellow

### 扶手带颜色

Handrail color



扶手带抗破断力强，坚固耐用。  
采用阻燃材料制成，火灾时防止火势扩大。  
带有去静电装置，防止静电。  
多种颜色方案可选，为您定制个性的精美外观。

The armrest belt has strong breaking resistance and durability.  
It is made of flame retardant material to prevent fire from expanding in case of fire.  
With a de-static device to prevent static electricity.  
Various color schemes are available to customize the beautiful appearance of your personality.

# Installation layout

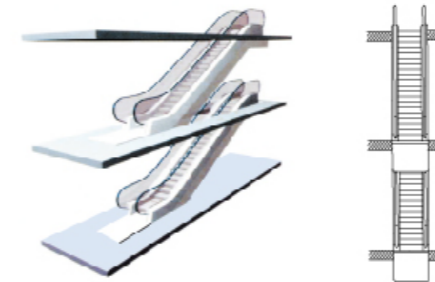
## 安装布置

### 断续布置式 (单向交通)

Intermittent layout (one-way traffic)

适用于较小型商场中三个楼层之间的运行。

Suitable for small-sized shopping malls with three floors.

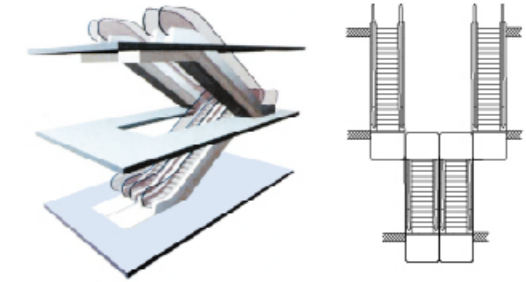


### 平行连续布置式 (双向交通)

Parallel continuous arrangement (two-way transportation)

这种布置对顾客来说，有些不大方便，但对商场主来说却很有优越性，因为您可以在顾客换乘扶梯的路上向他们提供一些特殊的服务。

The layout of this type may cause slight inconvenience to shoppers, but advantageous for shopping mall owners since they can market certain products and services to shoppers on their way to change escalators.

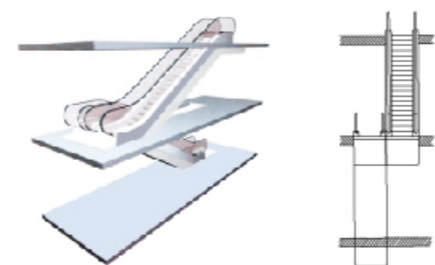


### 连续布置式 (单向交通)

Continuous layout (one-way traffic)

连续式配置的自动扶梯或人行道，把若干层楼连接起来。它比断续需要更多的空间。

Continuous escalators or sidewalks connect several floors. It needs more space than discontinuity.

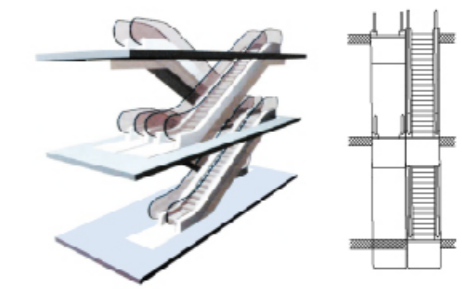


### 交叉连续布置式 (双向交通)

Intersection continuous arrangement (two-way transportation)

安装在多楼层中的交叉连续布置的扶梯，可以服务于两个运行方向，这种形式多用于商场，现在也越来越多地用在政府机关和公共场所。

The escalator installed in multi-storey can serve two operation directions. This form is mostly used in shopping malls, and now it is more and more used in government agencies and public places.

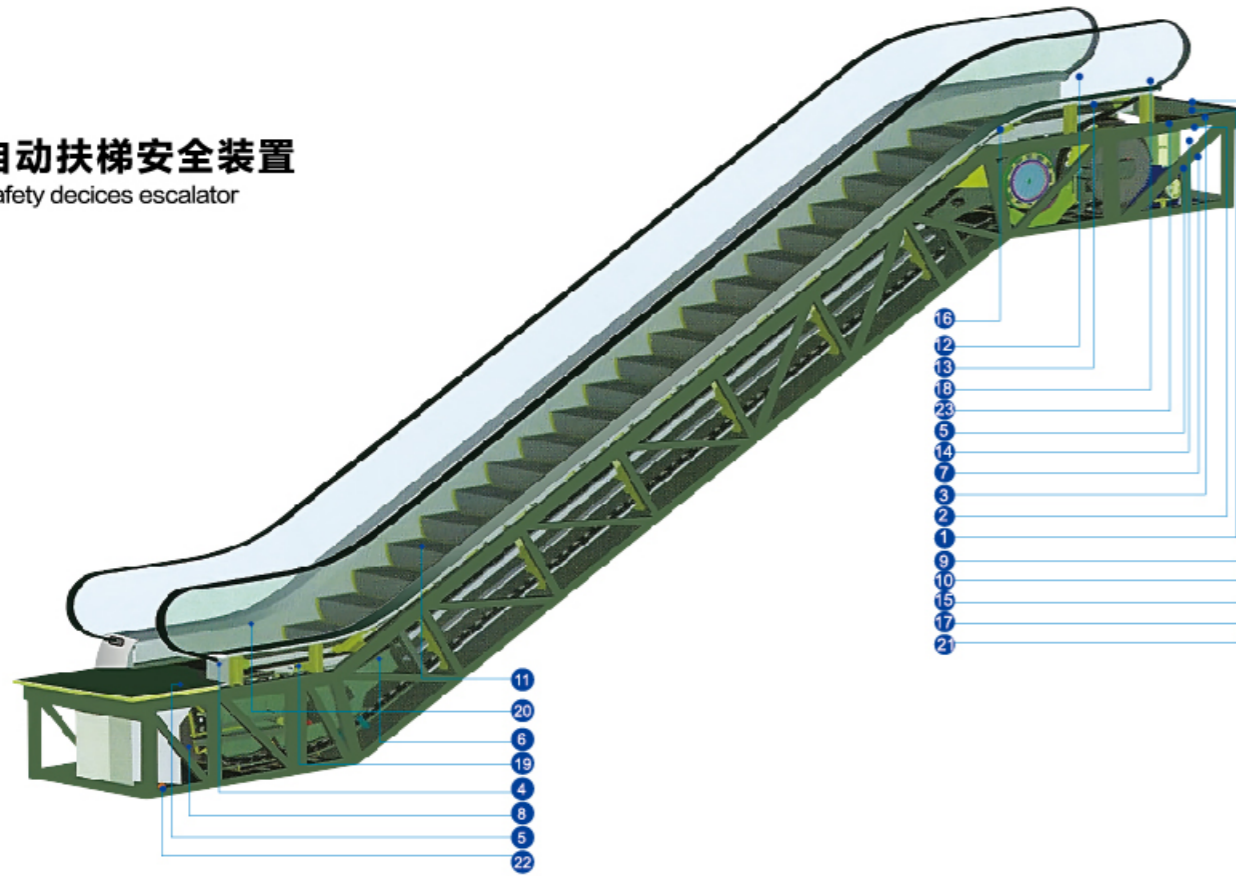


# Safety devices

## 安全装置

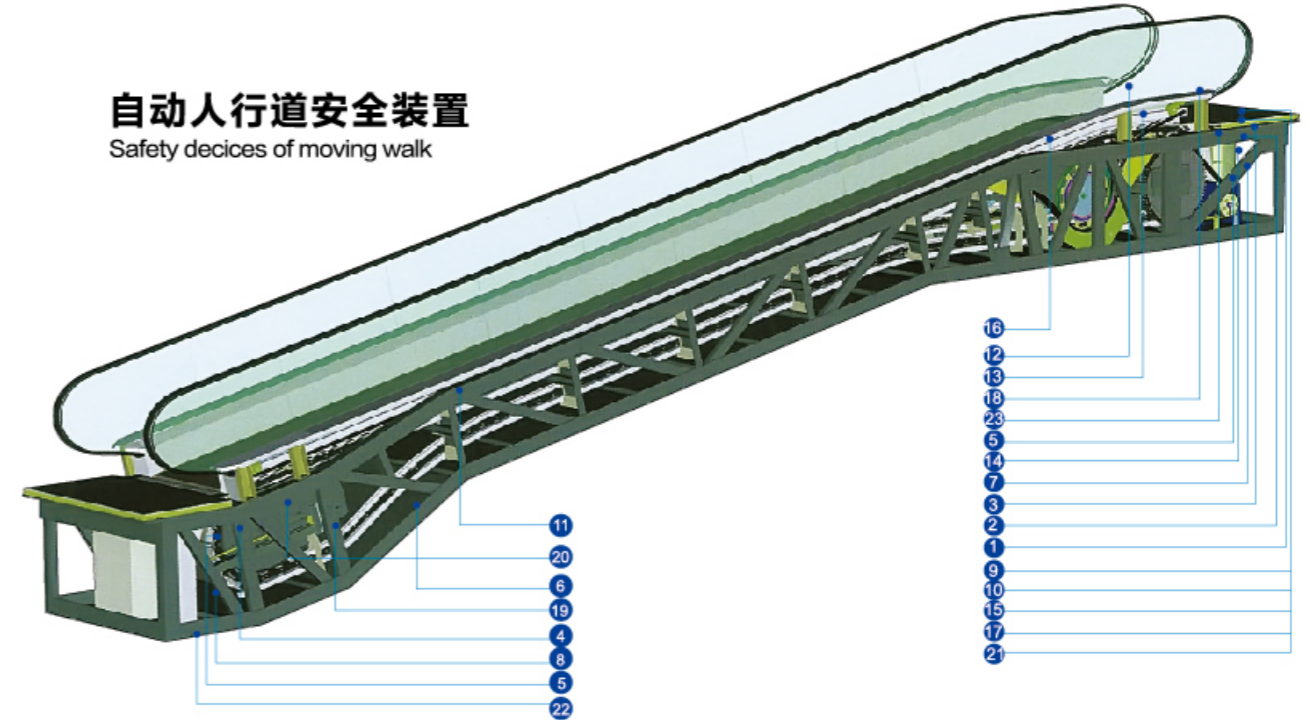
### 自动扶梯安全装置

Safety devices escalator



### 自动人行道安全装置

Safety devices of moving walk



### 标准安全装置 Standard Safety Device

1. 缺相、错相保护：  
如查发生缺相或错相，自动扶梯（自动人行道）将自动停止  
1.Lack of phase, error phase protection:  
If lack of phase or error phase has been checked out, the escalator (auto-walk) will automatically stop the operation.
2. 马达超载保护：  
电流超过额定电流的15%则扶梯自动停止运行  
2.Motor over-load protection:  
When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.
3. 电器回路保护：  
提供自动电路断开装置以保护自动扶梯（自动人行道）的电路和电源部件。  
3.Electrical appliance loop protection:  
It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (auto-walk).
4. 扶手带入口保护：  
当外物被夹在扶手带入口时，自动扶梯（自动人行道）会自动停止运行  
4.Handrail inlet protection:  
When some foreign substance has been clipped in the handrail inlet, the escalator (auto-walk) will automatically stop the operation.
5. 梳齿板安全保护装置：  
当外物被夹入梳齿时，自动扶梯（自动人行道）将自动停止运行。  
5.Comb plate safety device:  
When some foreign substance has been clipped in or between the combs, the escalator (auto-walk) will automatically stop the operation.
6. 梯级塌陷保护装置：  
当发现梯级有异常的弯曲时，自动扶梯（自动人行道）会在梯级进入梳齿板前停止运行。  
6.Step sagging protection device:  
When there is abnormal step bending, the escalator (auto-walk) will stop the operation before the step entering into the comb plate.

7. 驱动链断裂保护：  
当驱动链被过度拉伸或断裂时，自动扶梯（自动人行道）将自动停止运行。  
7.Broken drive-chain safety device:  
when the drive-chain has been over-stretched or it is broken, the escalator (auto-walk) will automatically stop the operation.
8. 梯级链断裂保护：  
当梯级（板）链被过度拉伸或断裂时，自动扶梯（自动人行道）将自动停止运行。  
8.Broken step chain protection:  
when the step (plate) chain has been over-stretched or it is broken, the escalator (auto-walk) will automatically stop the operation.
9. 超速保护：  
当自动扶梯（自动人行道）超速，将自动停止运行。  
9.Over-speed protection:  
When there is over-speed to the escalator (auto-walk), it will automatically stop the operation.
10. 非操作逆转保护：  
当逆转操作而违反了预定的运行方向，自动扶梯（自动人行道）将自动停止运行。  
10.Direction reversal protection:  
when it comes the unintentional reversal of the direction of travel, the escalator (auto-walk) will automatically stop the operation.
11. 警戒线：  
黄色合成树脂警戒线位于自动扶梯踏板的前部和两边，以防止乘客踏入相邻梯级的边缘及梯级和围裙板之间，在梯级两边的警戒线高于踏板表面（自动人行道提供可选黄色喷漆警戒线）。  
11.Security line:  
The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the lift group lengthened skirt panel. The security line on both sides of the step is higher than the tread surface. (The auto-walk offers the selective yellow spray-painted security line.)
12. 紧急停止按钮：  
当按下该按钮时，自动扶梯（自动人行道）将停止运行。

12. Emergency stop button:  
When the button has been pressed down, the escalator (auto-walk) will stop the operation.
13. 围裙板保护：  
当外物被夹在围裙板和梯级之间时，自动扶梯（自动人行道）将自动停止运行。  
13.Skirt panel protection:  
When some foreign substance has been clipped in between the skirt panel and the step, the escalator (auto-walk) will automatically stop the operation.
14. 制动器保护：  
当电力不足或任一安全装置动作时，制动装置将通过弹簧弹力作用使制动功能生效，使自动扶梯（自动人行道）停止运行。  
14.Brake protection:  
When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (auto-walk) stops the operation.
15. 检修安全开关：  
检修保养时，防止扶梯启动的安全装置

15. Safety inspection switch:  
It is a safety device to prevent from the escalator starting during the inspection and maintenance.
16. 梯级照明：  
扶梯上下端，梯级下部装有照明以提醒乘客注意安全。  
Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.
17. 启动警铃装置：  
扶梯启动时警铃响起，以提醒乘客安全。  
The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.
18. 扶手带断裂保护装置：  
当扶手带断裂时，自动扶梯将停止运行。  
18.Control device for handrail breakage:  
When the handrail is broken, the escalator will automatically stop the operation.

### 可选用的安全装置 Optional Safety Device

19. 扶手带速度监控：  
如果扶手带速度比梯级慢于一定百分比，自动扶梯（自动人行道）将停止运行。  
19.Handrail speed monitor:  
When the handrail speed versus step is slower than certain percentage, the escalator (auto-walk) will stop the operation.
20. 围裙板刷：  
可选用的安全装置。在围裙板和梯级之间装有刷子使乘客的鞋子不会碰到围裙板（不仅限于自动扶梯）。  
20.Skirt panel brush: It is a selective safety device. The brush that has been installed between the skirt panel and the step will prevent the passengers from touching the skirt panel. (It is not merely restricted to the escalator.)
21. 防火卷帘门连装置：  
当该装置作用时，可停止自动扶梯（自动人行道）运行，装置位于自动扶梯（自动人行道）附近。

21. Fire-proof rolling door device:  
when this device comes into action, it can stop the escalator (auto-walk) operation. It has been installed near the escalator (auto-walk).
22. 下部机房排水：  
当下部机房进水超过标准时，自动排水系统运行。（室外型）  
22.Lower machine room drain:  
When it exceeds the standard to water intake in the lower machine room, it will operate the automatic drain system. (outdoor type)
23. 紧急制动器：  
驱动链断裂或制动失灵防止扶梯下滑确保人员安全（6m < H时必须配备）  
23.Emergency brake:  
It prevents from the escalator slide and ensures the human security in case of the drive chain breakage or the out-of-order of the brake. (It should be allocated with the emergency brake when 6m < H.)

# Civil installation notes

## 土建安装须知

### 除了确保合同土建的各尺寸和要求，以下的要求也应达到。

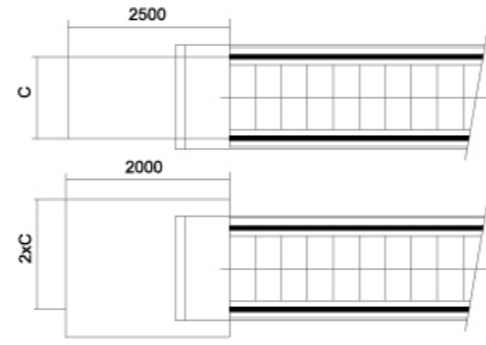
Besides complying with the drawing of the contract, attention should also be drawn to the following

为了确保扶梯和人行道的使用安全，自由空间必须在每个层站处提供足够大的空间。(参见右最小尺寸图)

C=扶手带中宽度

To ensure the safety of the escalator and moving walk, free space should also be large enough in the landing area.(See the minimum size right)

C=handrail belt width



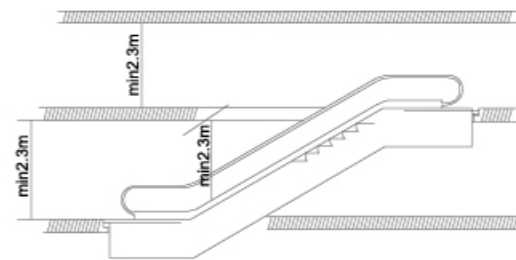
### 顶空安全距离

Vertical safety distance

在梯阶/踏板上的任意点上，至少有2.3米不受任何障碍的安全距离。特别注意！如果一台扶梯上的另一台扶梯的提升高度<3.3米，就不能达到2.3米的顶空安全距离。

There should be at least 2.3m upside safety distance staring upward from the step board.

Notice: if the vertical rise of one escalator, which is installed above another one, is less than 3.3m, the upside safety distance can not reach 2.3m.



### 扶梯(人行道)安装必须保证必需的水平安全距离

Escalators and moving walk horizontal safety distance

扶手带外边缘至墙体或其他障碍物的水平安全距离必需大于80mm。

梯级/踏板区上方垂直安全距离必需大于2.3m。

扶手带区上方垂直安全距离必需大于2.1m。

对楼面开孔或扶梯/人行道交叉布置，扶手带中心到障碍物的水平安全距离必需大于0.5m。

如未达到要求，需设置专门的防护装置和防撞挡板。

专门的防护装置和防撞挡板，可向富士精工电梯公司咨询。

The horizontal distance between the handrail edge and the wall or other objects should be more than 80mm.

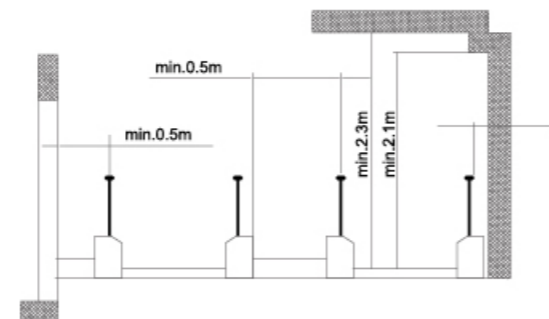
The vertical distance above the step board should be more than 2.3m.

The vertical distance above the handrail space should be more than 2.1m.

In case of floor spaces or the cross layout of escalators and moving walk, the safety distance between the handrail center and the object should be more than 0.5m.

If the above-mentioned requirements cannot be met, a special protection device and a bumper rail should be used.

For further information, please contact FUSIJG elevator.



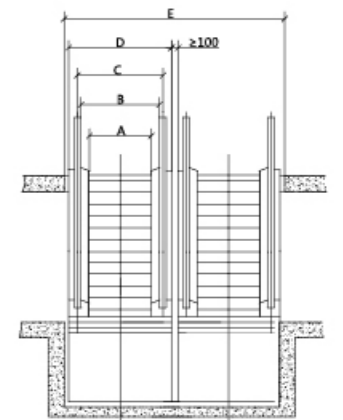
# 30° escalator construction drawing

## 30° 自动扶梯土建图



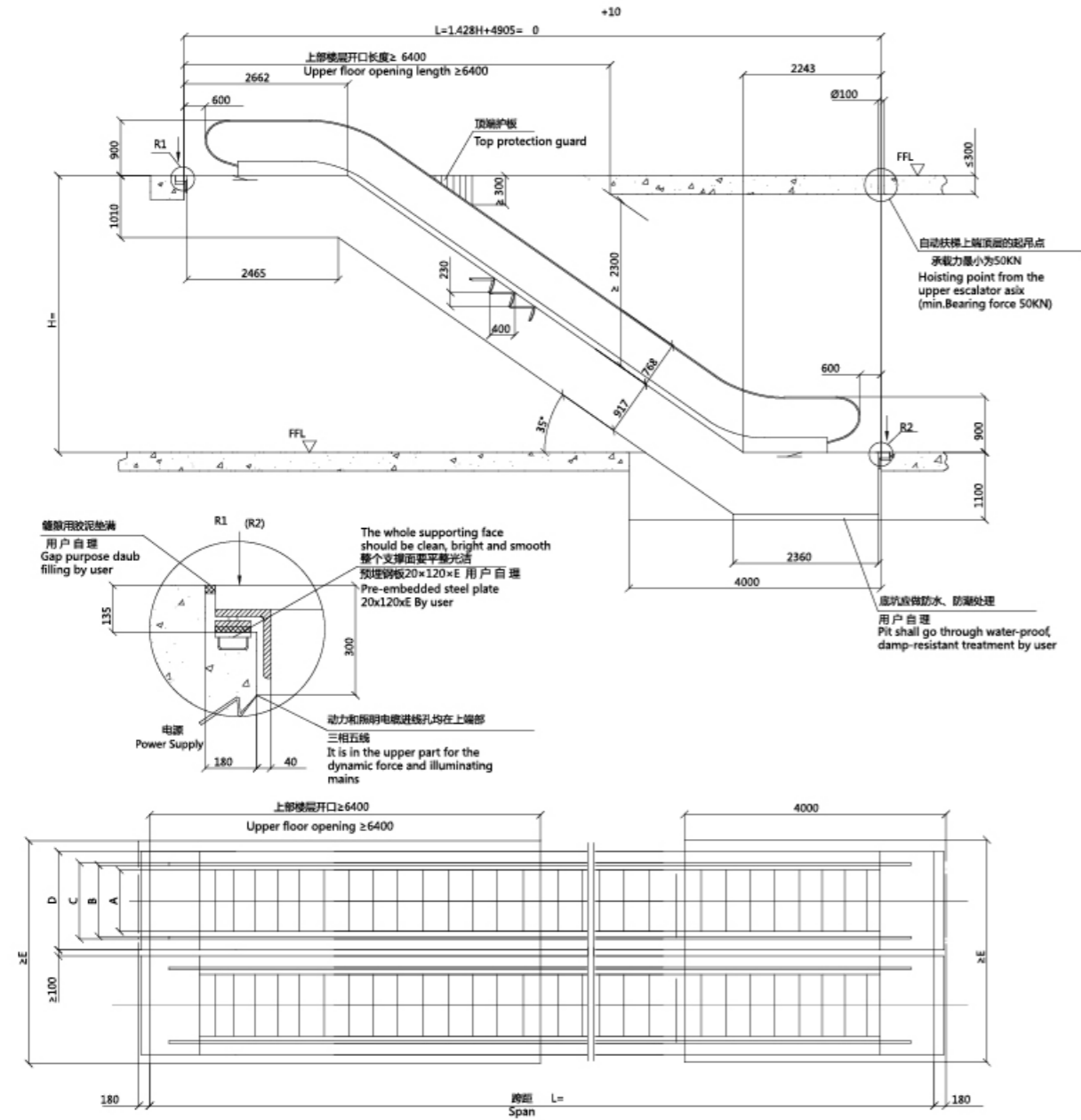
型号 Model	提升高度 Travelling height (mm)	净重 Net weight (KN)		支持力 supporting (KN)		电机功率 Motor power KW	运输尺寸 Transport size		
		R1	R2	R1	R2		h	i	
VF800/0.5-30° (4800人/h)	3000	118	104	94		5.5	2750	10900	
	3500	126	112	100			2780	11890	
	4000	134	120	108			2810	12880	
	4500	142	128	114			2830	13870	
	5000	148	136	120			2840	14860	
速度: 0.5m/s speed: 0.5m/s	5500	164	148	132		8	2860	15860	
	6000	172	156	138			2870	16850	
	3000	126	118	106			5.5	2750	10900
	3500	134	128	114				2780	11890
	4000	142	136	122				2810	12880
4500	150	146	130		2830	13870			
5000	166	158	142		2840	14860			
VF1000/0.5-30° (6000人/h)	5500	174	168	150		11	2860	15860	
	6000	184	176	158			2870	16850	

1000	1000	1228	1238	1600	3400
800	800	1028	1038	1400	3000
梯级宽度 mm step width					
A B C D E					
中间支撑距 H3 Intermediate supporting (L/2 - 2600) * tg30° - (897 / cos30° + 300)					



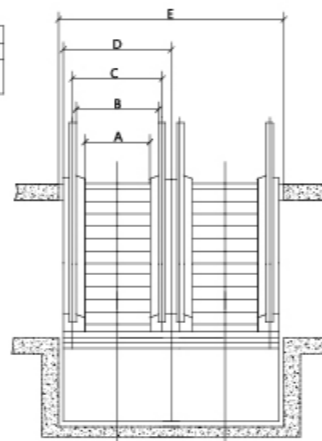
# 35° escalator construction drawing

## 35° 自动扶梯土建图



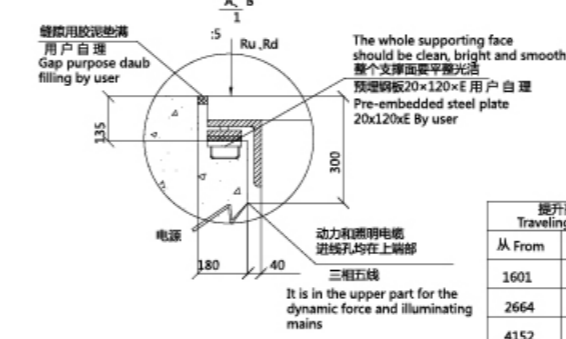
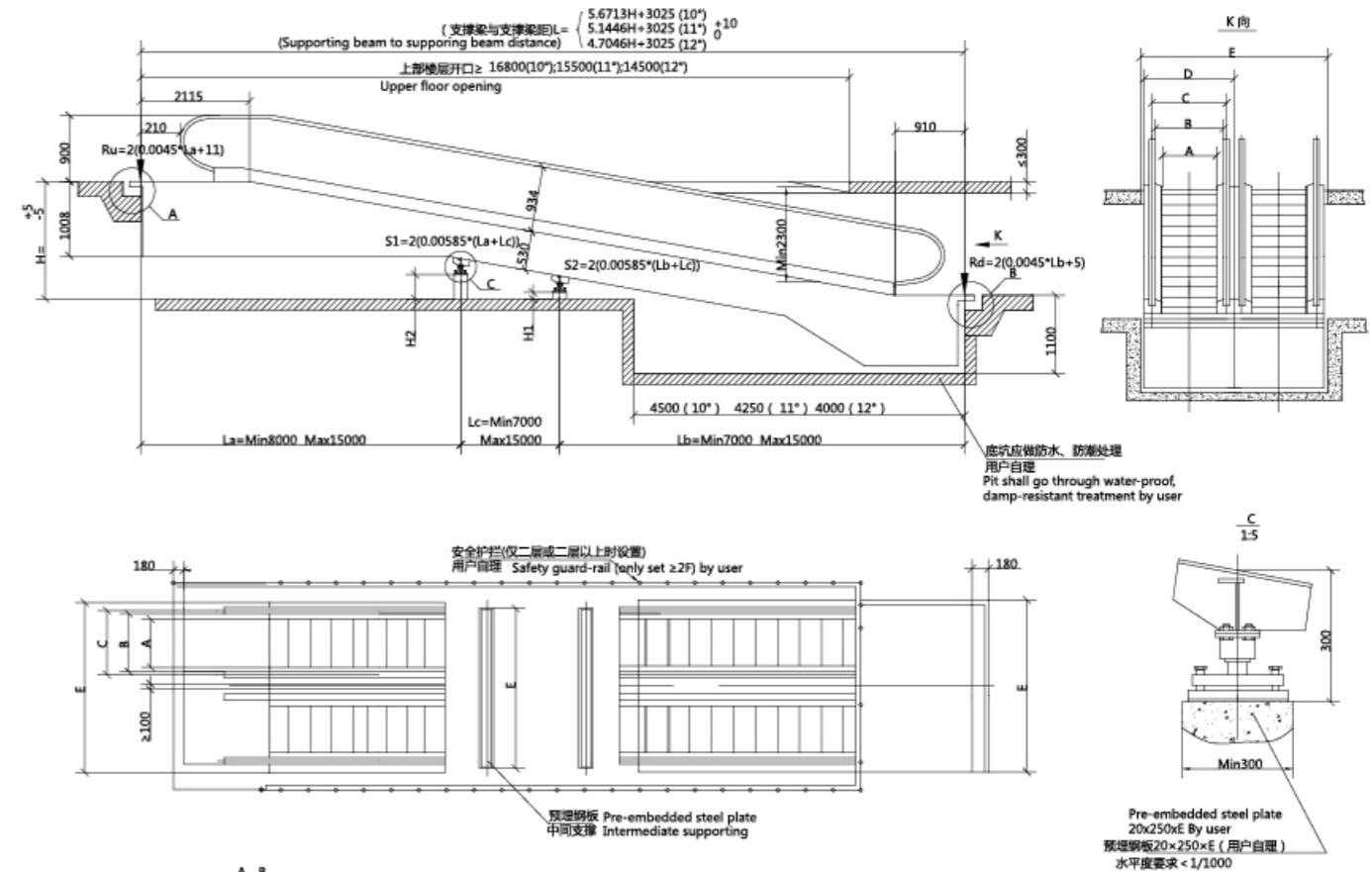
型号 Model	提升高度 Travelling height (mm)	净重 Net weight (KN)	支持力 supporting R1 KN	支持力 supporting R2 KN	电机功率 Motor power KW	运输尺寸 Transport size h	运输尺寸 Transport size l	
VF800/0.5-35° (4800人/h)	3000	112	98	88	5.5	2850	10180	
	3500	120	104	94		2890	11030	
	4000	126	112	100		2920	11890	
	4500	132	118	106		2940	12750	
	5000	140	124	112		2970	13610	
速度: 0.5m/s speed: 0.5m/s	5500	146	130	118	8	2980	14470	
	6000	152	138	122	11	3000	15330	
	VF1000/0.5-35° (6000人/h)	3000	120	112	100	5.5	2850	10180
		3500	128	120	106		2890	11030
		4000	134	128	114		2920	11890
4500		142	134	120	2940		12750	
5000		148	142	128	2970		13610	
速度: 0.5m/s speed: 0.5m/s	5500	158	154	138	8	2980	14470	
	6000	166	162	144	11	3000	15330	

梯级宽度 mm step width	1000	1000	1228	1238	1600	3400
	A	B	C	D	E	
1000						
800						



# 12° moving walk construction drawing

## 12° 自动人行道士建图



梯级宽度 mm step width	A	B	C	D	E
1000	1000	1228	1238	1600	3400
800	800	1028	1038	1400	3000

提升高度 Travelling height	中间支撑 Intermediate supporting	La (mm)	Lb (mm)	Lc (mm)
从 From 至 To	S1 S2			
1601 2663				
2664 4151	1	L-7000	7000	
4152 5851	1	15000	L-15000	
5852 6000	1 1	15000	7000	L-22000
A	H2		H1	
10°	$H2=H-(La-1995) \times 0.1763-840$		$H1=H2-(Lc \times 0.1763)$	
11°	$H2=H-(La-2055) \times 0.1944-840$		$H1=H2-(Lc \times 0.1944)$	
12°	$H2=H-(La-2115) \times 0.2126-840$		$H1=H2-(Lc \times 0.2126)$	

注: 当提升高度 > 6m 时, 土建尺寸请咨询我公司 Note: when traveling height is over 6m, construction size please consult our company

梯级宽度 (mm) step width	提升高度 (mm) Travelling height	速度 (m/s) Speed	公称输送容量 (人/h) Rated load capacity	倾斜度 (°) Inclination	曳引机功率 (kW) Power	电源容量 (KVA) Power supply capacity	电源额定电流 (A) Rated current
800	1000-3800	0.5	4800人/小时	10,11,12	7.5	15	39
	3800-6000				11	22	58
1000	1000-3000	0.5	6000人/小时	10,11,12	7.5	15	39
	3000-4800				11	22	58
	4800-6000				15	30	78

# Precision after-sale service

## 精密的售后服务



### 7\*24小时全时守候

7\*24-hour safeguard

富士精工电梯采用管家式服务标准，以轮班制确保客户在24小时内随时可进行售后咨询，专业的客服人员将第一时间帮助客户解决问题。

FUJI Precision Elevator adopts a housekeeper service standard to ensure that customers can conduct after-sales consultation within 24 hours at any time, and professional customer service personnel will help customers solve problems for the first time.



### 30分钟抵达维保现场

30-minute arrive at site

富士精工电梯专业的维保团队驻扎于全国各地，以确保最短时间内到达维保现场，为客户解决电梯的相关问题。

FUJI Precision Elevator professional maintenance team is stationed in all parts of the country to ensure the shortest time to arrive at the scene of maintenance, to solve the elevator related issues for customers.



### 定期检测保养

Regular testings and maintenance

富士精工电梯定期派遣维保专员对负责区域内的电梯进行检测，确保及时排除电梯设备因老化引起的安全隐患，确保用户乘梯安全。

FUJI Precision Elevator regularly dispatches maintenance personnel to inspect the elevators in the area in charge to ensure that the hidden dangers of elevator equipment due to aging are eliminated and the safety of the users' ladders is ensured.

## 凸显维保价值,打造贴心服务

It shows repair and maintenance value produces the considerate service

富士精工电梯凭借一流的技术，丰富的管理经验以及优良的服务，对所提供的产品进行科学的保养和严格的质量监控，我们以质量稳定及超高的性价比获得国内外客户的广泛赞誉，我们的服务网点遍布全国，我们拥有先进的物流系统，完全可以保障客户随时发货的需求并提供优质服务，早一分服务，多一份呵护！

FUJI Precision Elevator relies on first-class technology, rich management experience and excellent service, enjoys scientific maintenance and strict quality control of the products provided. We have won wide praise from domestic and foreign customers with stable quality and super high cost performance ratio. Our service outlets are all over the country. We have advanced logistics system, which can fully guarantee customers to deliver goods at any time. Seek and provide high-quality services, earl service, more care!



专业团队  
Professional teams



快捷服务  
Prompt & convenient services



服务专线  
Service hot-line



专业维保  
Professional repair & maintenance