

Service Line
服务热线 / 400-826-1112

XIZI
西子电梯

ESCALATOR/TRAVELATOR
— 扶梯/人行道 —

西子电梯科技有限公司
XIZI ELEVATOR CO., LTD.

- 地址/中国 · 杭州市临安区经济开发科技大道2329号
- Add/NO.2329 Science and Technology Av.,
Lin'an Economic Development Zone, Hangzhou, China
- Http://www.xizilift.com

本书为一般信息出版物，我们保留随时更改产品技术和说明的权利。

This book is a publication of general information, and we reserve the right to alter the techniques and specifications of the products at any moment.
Catalog content is for reference only. Actual configuration may vary per contract and goods in this period.

XZ-1807



XIZI 西子电梯

西子联合旗下企业 领先的装备制造制造商
中国企业500强

公司概况：
总资产：319亿元
员工数量：1万人
总部位于中国杭州

Leading equipment manufacturing company
Top 500 Chinese Company

Company Profile:
Total asset: 31.9 billion Yuan
Number of employees: 10 thousand
Headquartered in Hangzhou, China

ESCALATOR / TRAVELATOR 扶梯/人行道

西子电梯自动扶梯和自动人行道是西子优而德电梯有限公司倾力打造的新一代智能化产品,集安全、创新、节能、高效、舒适于一身。

西子电梯自动扶梯和自动人行道充分适用于酒店、商场、地铁、高铁、机场等场所需要,在为建筑物提供安全、可靠和快速的立体交通服务的同时,其俊美的外形亦为建筑物的整体美观增添了亮丽色彩。

XIZI LIFT Series escalators and travelators are the new generation products from XIZI LIFT, it combined the advantages of safety, innovation, energy saving, high efficiency and comfort.

XIZI LIFT series escalators and travelators can meet the requirement of commercial and public transportation, to provide a safe and reliable transportation services, at the same time, the beauty of its appearance bring beautiful color for the building.

安全 (Safety)

国内外先进的微机控制系统配以完善的安全保护装置,多达36项的标准安全保护,给您提供全面保护。

Advanced microcomputer control system with perfect safety protection devices, with bilateral direction track system and up to 36 standard security protection, to give you full protection.

舒适 (Comfort)

根据人体工程学设计,采用双边梯级导向,上下曲率半径大,踏板直线度大,并做减震装置,带给您非凡的梯级舒适度,俊美的外观和装饰材料,为建筑物增色不少。

Fluctuation of curvature radius according to the human body mechanics design, and development of noise reduction device, gives you extraordinary comfort, beautiful appearance and decoration materials, is a good addition to the building.

可靠 (Reliable)

主要部件设计寿命达7万小时,极大的保证运行的可靠性;严格的

设计验证与测试认证。

Design life time of main components to 70000 hours, the strict design verification and testing certification, greatly ensure the reliability of the operation.

商用型自动扶梯 COMMERCIAL ESCALATOR



商用型自动扶梯

西子电梯商用型自动扶梯是依据国家标准GB16899-2011和国际标准EN115，充分应用扶梯行业先进技术设计、制造而成。采用先进的微机控制系统、高强度的桁架结构、完善的保护装置，使产品安全、可靠、乘坐舒适。西子电梯商用扶梯不断推陈出新，充分满足商场、现代工业、医院、酒店，中央商务区（CBD）服务业，大型购物中心使用需要。

COMMERCIAL ESCALATOR

XIZI LIFT commercial type escalator is based on national standard GB16899-2011 international standard EN115 fully applied escalator industry advanced technology design and manufacturing. Adopts advanced microcomputer control system, high strength of truss structure, perfect protection, make safety, reliability and comfort product. XIZI LIFT escalators fully satisfy the requirement of market, modern industry, hospital, hotel, CBD, services and large shopping center.

技术参数 Specifications

提升高度 (mm) Rise	倾斜角度 Angle of inclination	额定速度 (m/s) Rated speed	梯级宽度 (mm) Step width
≤8000	35°/30°	0.5	1000/800/600

主要配置 Main Configuration

主要部件 Main components	技术类型 Type
控制柜 Controller	微位控制 Micro control
桁架 Truss	梯型 Dection 1/750 (1/1000; 1/1500)
主机 Machine	蜗轮蜗杆传动 Turbo-Worm-Helical gear
链条 Chain	滚轮内置 Roller inside
梯级 Step	不锈钢合金 / St. steel/Aluminum Alloy
滚轮 Roller	聚氨酯骨架滚轮 Polyurethane
驱动 Main drive	大摩擦轮驱动 Big friction wheel
侧板 Side panel	整体焊接式 Overall welding
梯路 Track system	型材导轨 Profile rail
扶手带 Handrail	C型带 C type
扶手导轨 Handrail guide rail	不锈钢合金 St. steel/Aluminum Alloy
扶手拦板 Balustrade	钢化玻璃/不锈钢 Toughened glass/St. steel
裙板盖板 Skirt panel/Decwing	不锈钢 St. steel
润滑系统 Lubrication system	电磁驱动泵架 Electromagnetic pump/Gear pump
扶手入口 Handrail entry	铝合金 Aluminum Alloy
前踏板 Floor plate	不锈钢合金 St. steel/Aluminum Alloy
梳齿 Comb	铝合金工程塑料 Aluminum Alloy/Engineering plastics

公交型自动扶梯 PUBLIC ESCALATOR



公交型自动扶梯

公交型自动扶梯体现了西子电梯最新产品技术，以其高效可靠运输成为城市轨道交通枢纽不可或缺的一部分。充分满足地铁、高铁、轻轨，火车站，机场，景区，天桥，地下通道的使用需要。

PUBLIC ESCALATOR

Heavy duty public escalator embodies the XIZI LIFT products with the latest technology, with its efficient and reliable transport become an integral part of urban transportation. Fully meet the requirements of subway, high-speed rail, light rail, the railway station, airport, the scenic area, bridge and underpass.

技术参数 Specifications

提升高度(mm) Rise	倾斜角度 Angle of inclination	额定速度(m/s) Rated speed	梯级宽度(mm) Step width
≤20000	30°/27.3°/23.2°	0.65/0.5	1000/800/600

主要配置 Standard Configuration

主要部件 Main components	技术选型 Type
控制柜 Controller	微航控制 Micro control
桁梁 Truss	梯级 Deflection 1/1000(1/1500)
主机 Machine	新齿轮 Helical gear
链条 Chain	滚轮内置/外置 Roller outside
梯级 Step	不锈钢(铝合金) St. steel(Aluminum Alloy)
滚轮 Roller	聚酯纤维滚轮 Polyurethane
驱动 Main drive	端罩驱动/本罩滚轮驱动 End drive
侧板 Side panel	导轨拼接 Guide rail splice
梯路 Track system	型材导轨 Profile rail
扶手带 Handrail	V型导轨型带 V type/C type
扶手导轨 Handrail guide rail	不锈钢 St. steel
扶手栏杆 Balustrade	钢化玻璃/不锈钢 Toughened glass/St. steel
裙板盖板 Skirt panel/Decking	不锈钢 St. steel
润滑系统 Lubrication system	电磁泵/齿轮泵 Electromagnetic pump/Gear pump
扶手入口 Handrail entry	不锈钢 St. steel
前踏板 Floor plate	不锈钢(铝合金) St. steel(Aluminum Alloy)
梳齿 Comb	铝合金工程塑料 Aluminum Alloy/Engineering plastics

自动人行道 TRAVELATOR

自动人行道

西子电梯自动人行道针对客流量大、工作时间长、人、行李及货品长距离运送的场所，以其卓越的设计让你体验到如履平地的运输方式。充分满足超市、商场、机场、大卖场、景区、高铁站、会展中心等所需。

TRAVELTOR

XIZI LIFT automatic travelers for large traffic and long working time, goods, luggage and long-distance transport, with its excellent design to achieve transportation like moving on ground, fully meet the requirements of supermarket, shopping mall, airport, scenic area, high-end clubs etc.

技术参数 Specifications

提升高度(mm) Rise	倾斜角度 Angle of Inclination	额定速度(m/s) Rated speed	梯级宽度(mm) Step width
≤6000	10°/11°/12°	0.5	1000/800

主要配置 Main Configuration

主要部件 Main components	技术选型 Type
控制器 Controller	微航控制 Micro control
桁梁 Truss	梯梁 Deflection 1/1000; (11500)
主机 Machine	蜗轮蜗杆斜齿轮 Turbo-Worm Helical gear
链条 Chain	滚轮内置 Roller inside
梯级 Step	不锈钢铝合金 St. steel/Aluminum Alloy
滚轮 Roller	聚氨酯滚轮 Polyurethane
驱动 Main drive	大吨蜗轮驱动 Big friction wheel
侧板 Side panel	整体焊接式 Overall welding
梯路 Track system	型材导轨 Profile rail
扶手带 Handrail	C型带 C type
扶手导轨 Handrail guide rail	不锈钢铝合金 St. steel/Aluminum Alloy
扶手拦板 Balustrade	钢化玻璃/不锈钢 Toughened glass/St. steel
裙板盖板 Skirt panel/Decking	不锈钢 St. steel
润滑系统 Lubrication system	电磁泵 Electromagnetic pump
扶手入口 Handrail entry	铝合金 Aluminum Alloy
前踏板 Floor plate	不锈钢铝合金 St. steel/Aluminum Alloy
梳齿 Comb	铝合金工程塑料 Aluminum Alloy/Engineering plastics





控制系统

- 采用全面提升的32位微处理器，控制系统功能全面。
- 全方位的安全功能保护（安全完整性等级SIL2）。
- 双CPU容错设计。
- 自学习，自检测。
- 独立工频切换功能。

CONTROL SYSTEM

- Adopts the comprehensive promotion of 32-bit microprocessor, the control system is fully functional.
- A full range of security features to protect (safety integrity level SIL2).
- More than double CPU design.
- Self-study, speculation.
- Independent power frequency switching function.

梯路导轨

- 采用高强度耐磨性良好的聚氨酯滚轮和高温高压式链，负载能力大，抗腐蚀能力强，使用寿命长。
- 侧板式梯路采用全自动化机器人焊接，有效提高梯路品质和精度。
- 端部采用先进的绝缘技术，大大提高乘梯舒适度。
- 双向梯路导向，安装精度高，定位便捷。

TRACK SYSTEM

- High strength wear-resistant polyurethane rollers and high strength plate chain, large load capacity, strong corrosion resistance, long service life.
- Side plate track system with fully automatic robot welding, effectively increase the track system quality and precision.
- End use of advanced noise reduction technology, greatly improving the comfort.
- Bilateral direction track system, high precision of installation.



主机

- 专业的研发团队致力于品质卓越的设计理念，缔造无与伦比的成熟系统。
- 将紧凑、高效，强悍动力集于一身，实现旗舰级工艺。
- 制造工艺先进，使用寿命长，制动系统配置均通过检测，进口轴承电机过热保护，使安全性更高，可靠性更强，寿命更长，运行可靠。
- 电机飞轮涂漆，有效防止人为接触，防护等级高。

MACHINE

- Professional research and development of the machine team is committed to the design concept of excellent quality, to create unique mature system.
- Compact, high efficiency, strong power, realize the flagship process.
- Advanced manufacturing technology, high service life, brake system with brake open inspection, imported brake lining and motor overheating protection, make safer, more reliability and longer service life, reliable operation.
- The built-in flywheel can effectively prevent contact, high protection class.



主驱动

- 采用高强度的合金材质，高精度的制造，同步性好，安全系数高。

MAIN DRIVE

- High strength alloy material, precision manufacturing, good synchronization, high safety coefficient.



扶手驱动

- 大扭矩轮驱动，超强的扶手驱动力，保证扶手带与梯级同步运行。

HANDRAIL DRIVE

- Big friction drive, the super drive power of handrail ensure handrail belt and step synchronization operation.





梯级

- 防滑处理高强度不锈钢梯级。
- 采用国际或更高防火等级的隔级边框。
- 梯级进行动态试验2000万次，远超过标准要求。

STEP

- Anti-skidding treatment, high strength stainless steel step.
- National standard or higher level of fire prevention step frame.
- Step past dynamic load test of 20 million times, far more than national standard.

链条

- 高强度梯级传送链，能极大满足使用需要，设计寿命达70,000小时。

CHAIN

- High strength step transmission chain, can greatly meet the requirements of use, the design life time reach 70000 hours.



桁架

- 结构稳定的焊接桁架，桁架强度通过ANSYS有限元分析，结构安全更可靠。
- 室内梯经过防腐喷涂处理，室外梯热镀锌处理。
- 通过EN1090焊接认证，焊接水平达到世界领先。

TRUSS

- Stable welding truss structure, truss strength through ANSYS finite element analysis, safer and more reliable.
- Indoor truss through anti-corrosion spraying processing, outdoor truss galvanized processing.
- Pass EN1090 welding certification, welding reached world leading level.

自动润滑装置

- 定期对扶梯所有链条进行润滑，有效保证乘客顺畅舒适运行。
- 扶梯运行过程中保证所有链条处于合理润滑状态，有效防止生锈造成的卡顿、断链风险，提高扶梯运行的质量，舒适度，使用寿命。



AUTOMATIC LUBRICATION DEVICE

- Timely carrying out lubrication for all escalator chain guarantees operation smooth and comfort.
- Ensuring that all the chain is in reasonable lubrication condition when escalator is running, prevent rust, broken risk.

玻璃栏板

- 采用铝合金材质的玻璃夹装置，使用更稳固。
- 玻璃栏板高度930mm，比行业同类产品高，有效防止意外攀爬。



GLASS BALUSTRADE

- Using aluminum alloy material of glass clamping device, more stable.
- Glass balustrade height is 930 mm, higher than the same products in industry, effectively prevent the accident of climbing.

滚轮

- 高强度聚氨酯骨架滚轮，承载能力强。
- 本量(密)滚轮采用德国进口聚氨酯材料，承载舒适性强，使用寿命更长。



ROLLER

- High strength of polyurethane skeleton roller, carrying capacity is strong
- Large diameter roller adopts Germany imported polyurethane materials, comfort and longer service life

前沿板

- 经过防滑特殊处理。
- 强度高与专业测试。
- 商务大气的花纹设计。



FLOOR PLATE

- Special anti-skidding treatment.
- Professional test for intercession.
- Beautiful pattern design.

扶手入口

- 采用铝合金材质的扶手入口。
- 线条美观，大方。
- 强度高，入口保护安全等级高。



HANDRAIL ENTRY

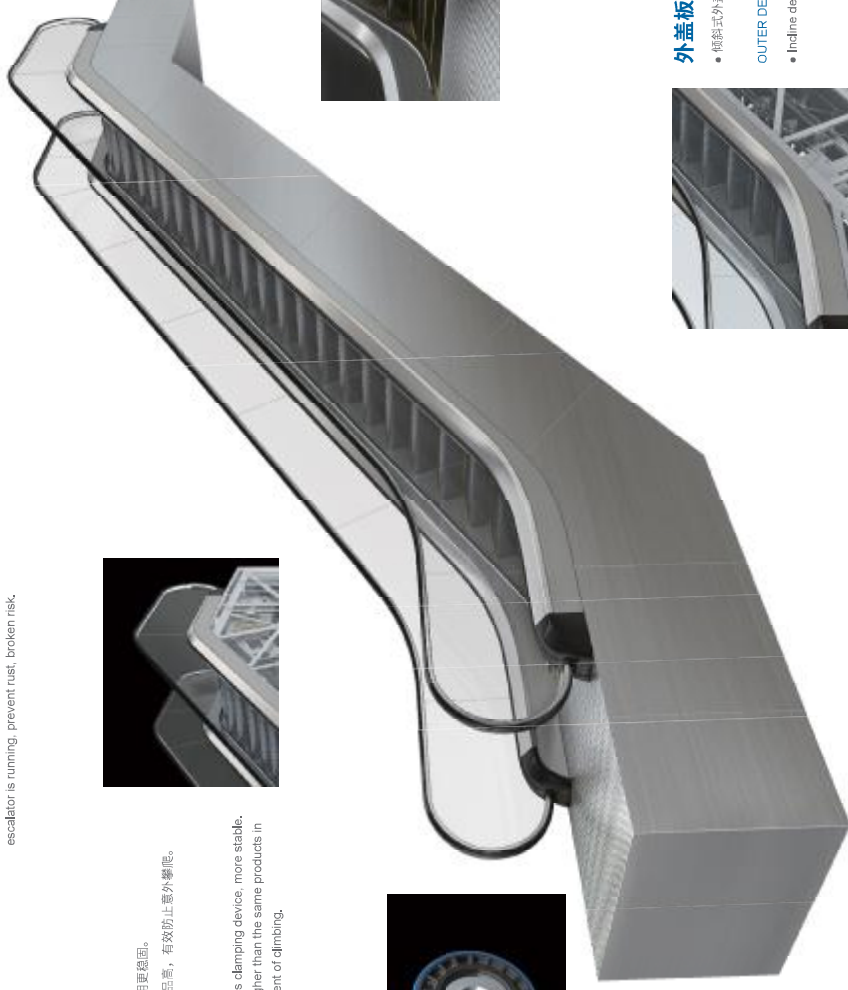
- Using aluminum alloy material.
- Beautiful appearance.
- High strength, high protection grade.

外盖板

- 倾斜式外盖板，有效防止意外攀爬。

OUTER DECKING

- Incline decking, prevent climbing accident.



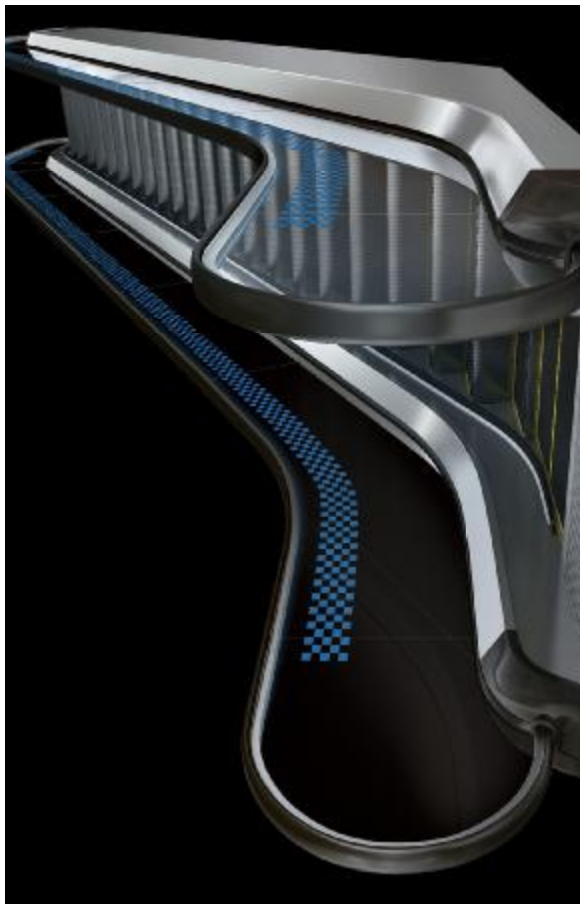
可选配置
OPTIONAL



扶手带 HANDRAIL BELT



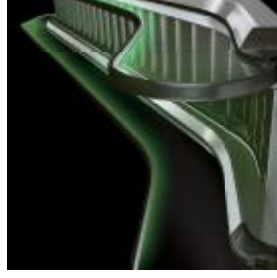
黑色为标配 STANDARD COLOUR: BLACK



扶手照明 - P型 HANDRAIL LIGHTING - P TYPE



扶手照明 - P型
HANDRAIL LIGHTING - P TYPE

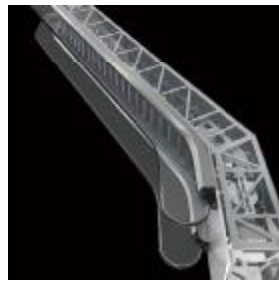
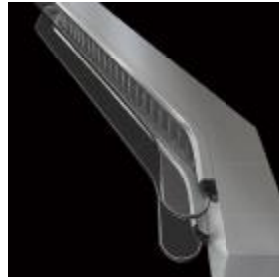
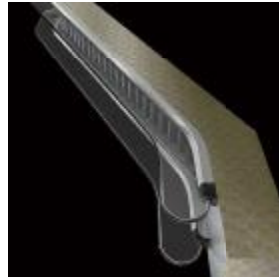


扶手照明 - S型
HANDRAIL LIGHTING - S TYPE

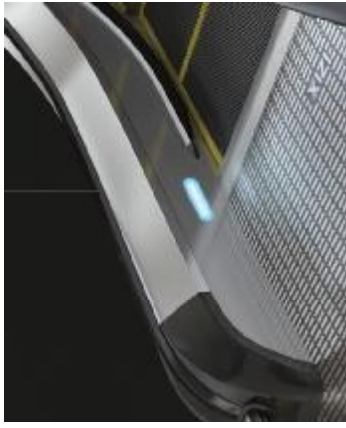


扶手照明 - S型
HANDRAIL LIGHTING - S TYPE

可选配置
OPTIONAL



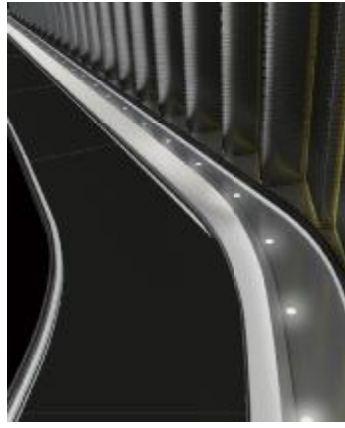
可选装潢
OUTER CLADDING



梳齿照明 - O型
COMB LIGHTING - O TYPE



梳齿照明 - L型
COMB LIGHTING - L TYPE

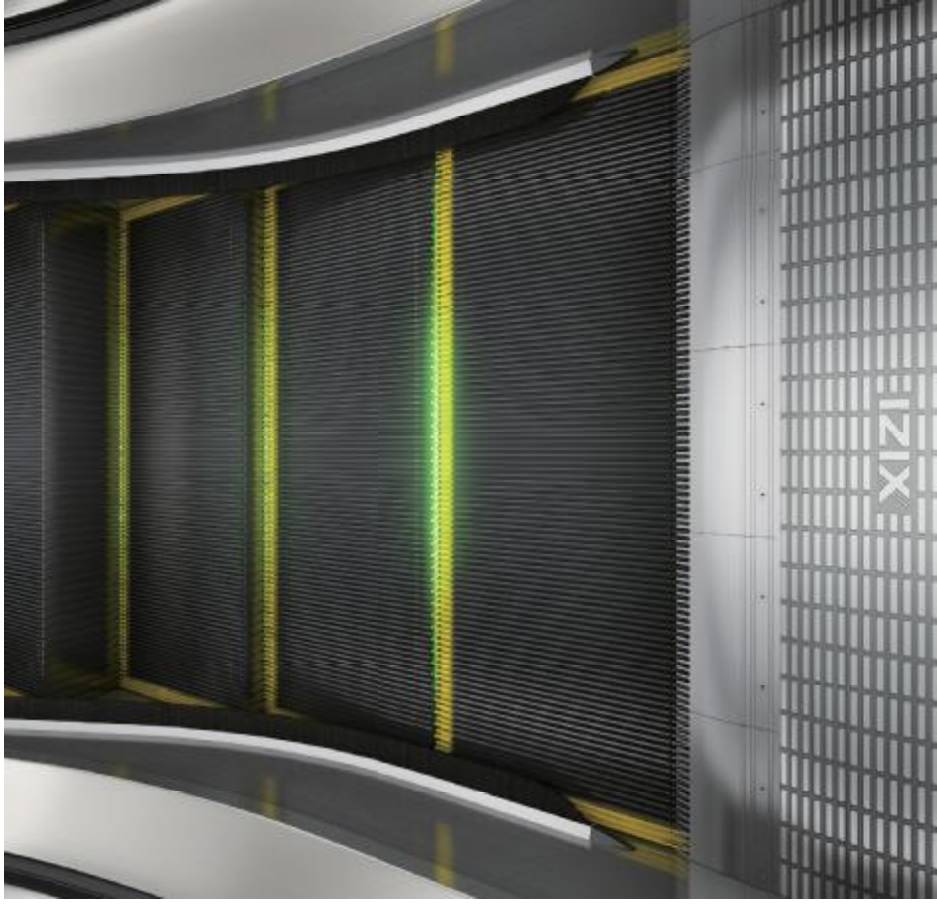


裙板照明 - P型
SKIRT PANEL LIGHTING - P TYPE



裙板照明 - S型
SKIRT PANEL LIGHTING - S TYPE

可选配置
OPTIONAL



梯级照明
STEP LIGHTING



扶梯加热系统 ESCALATOR HEATING SYSTEM



交通流量灯 - O型
TRAFFIC FLOW LIGHT - O TYPE



交通流量灯 - I型
TRAFFIC FLOW LIGHT - I TYPE



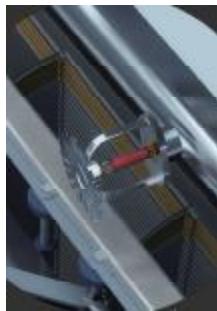
多功能立柱
MULTI - FUNCTION PILLAR

功能选项 OPTIONAL FUNCTION

扶梯及人行道可提供三种节能样式

- ◎ 智能变频节能模式
- ◎ 智能变频自启动模式
- ◎ 智能自启动模式

多种方式实现节能效果，为您提供贴心的选择



消防功能 (选配)

配备消防喷淋系统，自动感应到异常状态时即会启动。

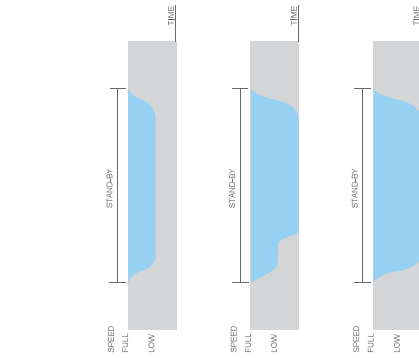
FIRE PROTECTION (OPTIONAL)

With fire sprinkler system, will start when abnormal situation is detected automatically.

Escalator and travelator can provide three kinds of energy-saving mode

- ◎ Frequency conversion energy-saving mode
- ◎ Intelligent variable frequency mode
- ◎ Intelligent self-start running mode

Achieve the energy-saving effect, gives you close choice



维保管理系统 (选配)

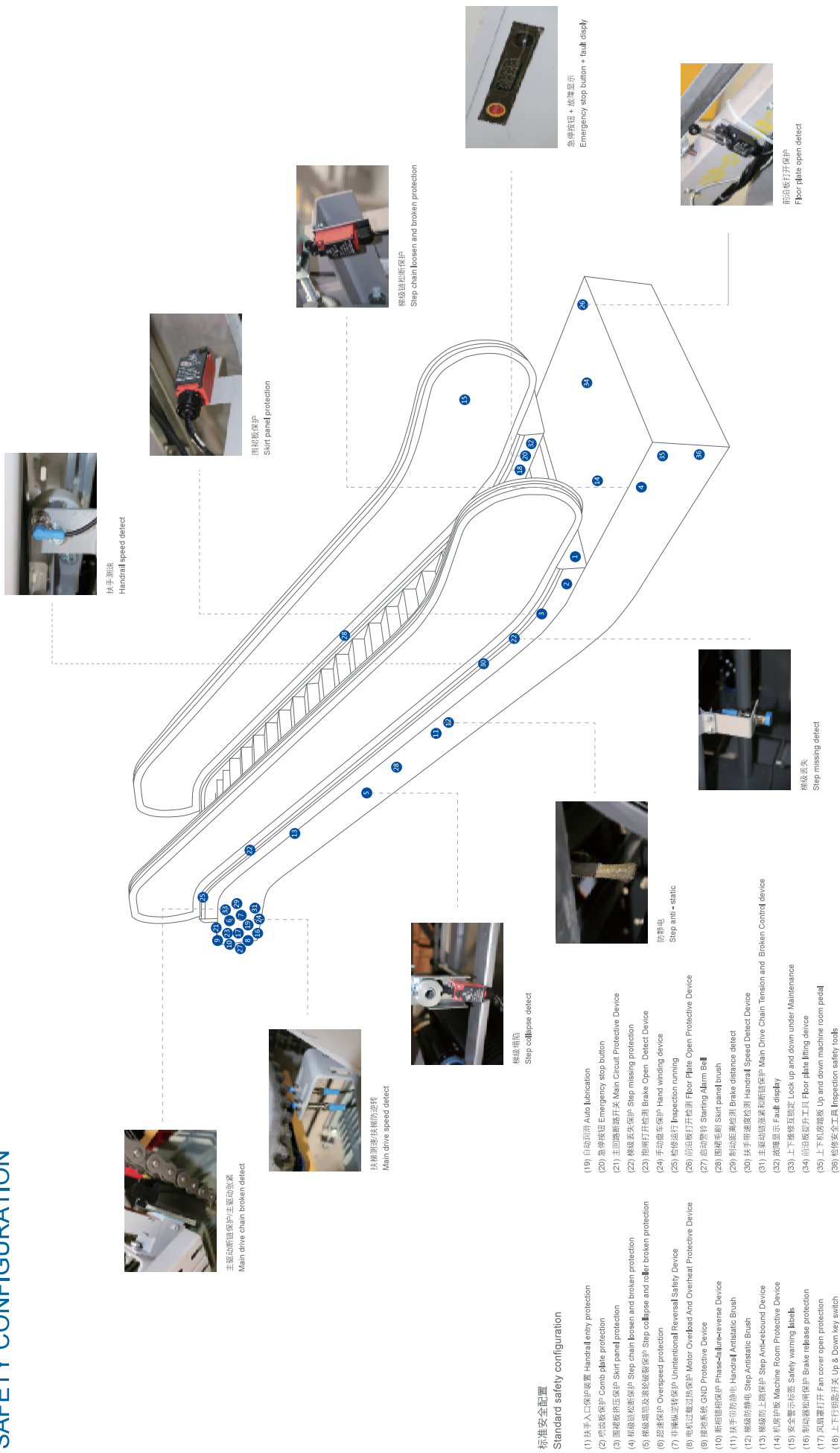
维保管理系统能够自动检测扶梯运行并发送短信，提醒维护。

MAINTAIN MANAGEMENT SYSTEM (OPTIONAL)

Maintain management system can automatically detect the running situation of escalator and send the message by mobile phone to remind maintain.

节能方法 Energy-saving mode	变频节能模式 (选配) Frequency conversion energy-saving mode (Standard configuration)	智能自启动 (选配) Intelligent self-start (Selected by payment)	智能可变速度系统 (选配) Intelligent variable speed system (Selected by payment)
空载节能效果 Non-load energy-saving effect	大于60% Larger than 60%	大于70% Larger than 70%	大于80% Larger than 80%
机械寿命 Mechanical life	延长 Extend	延长 Extend	延长 Extend
噪音 Noise	小 Small	小 Small	小 Small

安全配置 SAFETY CONFIGURATION

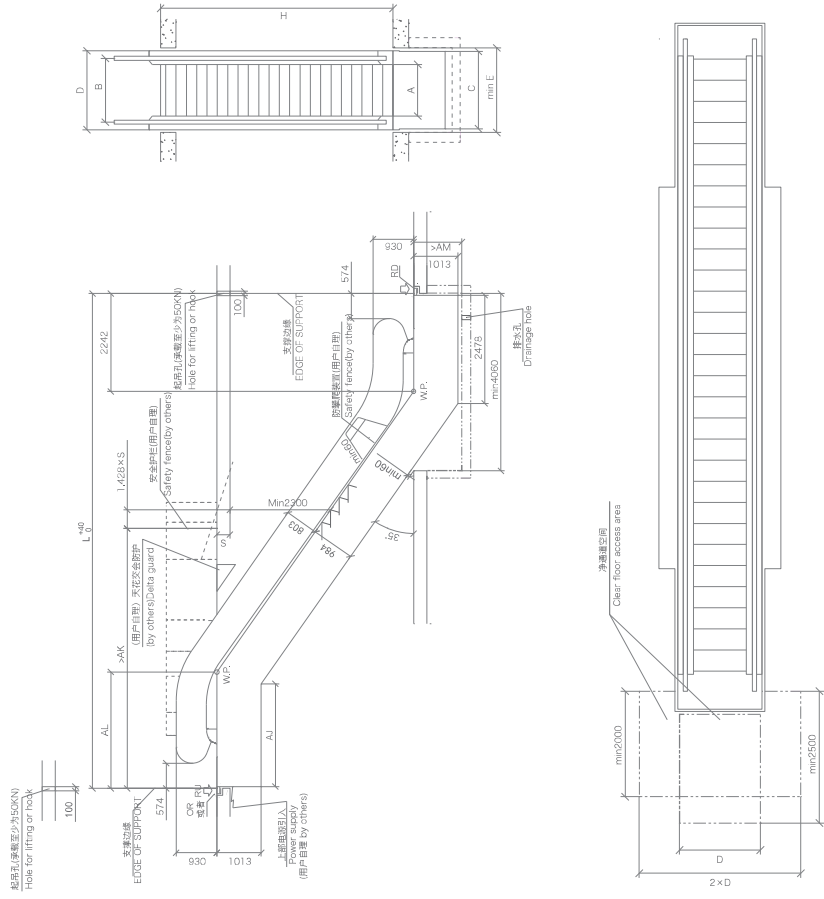


标准安全配置 Standard safety configuration

- (1) 扶手入口保护装置 Handrail entry protection
- (2) 紧急停止按钮 Emergency stop button
- (3) 裙板接压保护 Skirt panel protection
- (4) 梯级链松紧保护 Step chain loosen and broken protection
- (5) 梯级链松紧及滚轮断裂保护 Step collapse and roller broken protection
- (6) 超速保护 Overspeed protection
- (7) 非操纵逆转保护 Unintentional Reversal Safety Device
- (8) 电机过热及热保护 Motor Overheat And Overheat Protective Device
- (9) 接地系统 GND Protective Device
- (10) 断相错相保护 Phase-difference-reverse Device
- (11) 扶手制动防冲 Handrail Antistatic Bush
- (12) 梯级防静步 Step Antistatic Bush
- (13) 梯级防上踏保护 Step Antirebound Device
- (14) 机房护板 Machine Room Protective Device
- (15) 安全警示标志 Safety warning labels
- (16) 制动松闸保护 Brake release protection
- (17) 风扇罩打开 Fan cover open protection
- (18) 上下行钥匙开关 Up & Down key switch
- (19) 自动润滑 Auto Lubrication
- (20) 急停按钮 Emergency stop button
- (21) 主回路断相开关 Main Circuit Protective Device
- (22) 梯级缺失保护 Step missing protection
- (23) 抱闸打开检测 Brake Open Detect Device
- (24) 手动盘车保护 Hand winding device
- (25) 检修运行 Inspection running
- (26) 前门板打开检测 Floor Plate Open Protective Device
- (27) 启动急转 Starting Alarm Bell
- (28) 裙板毛刷 Skirt panel brush
- (29) 制动距离检测 Brake distance detect
- (30) 扶手前盖检测 Handrail Speed Detect Device
- (31) 主驱动张紧系统和限速器 Main Drive Chain Tension and Broken Control Device
- (32) 故障显示 Fault display
- (33) 上下检修互锁 Lock up and down under Maintenance
- (34) 前门板提升工具 Floor plate filling device
- (35) 上下机房踏板 Up and down machine room pedal
- (36) 检修安全工具 Inspection safety tools

商用型扶梯(35°) - 土建图

LAYOUT DRAWING - COMMERCIAL ESCALATOR (35°)



- 业主和土建承包商应完成的工作
1. 完成楼面用户荷载 ≥ 5 KN/m², 荷载集度: 15mm \times 15mm.
 2. 完成楼面用户荷载 ≥ 5 KN/m², 荷载集度: 15mm \times 15mm.
 3. 完成之前, 所有预埋必须预埋深度不小于 ≥ 20 mm的预埋件, 并应确定预埋件的强度。
 4. 完成之前, 所有预埋必须预埋深度不小于 ≥ 20 mm的预埋件, 并应确定预埋件的强度。
 5. 提供技术参数表中的型号规格电源, 电源应连接梯的开关且上端用把柄阻止启动。
 6. 提供技术参数表中的型号规格电源, 电源应连接梯的开关且上端用把柄阻止启动。
 7. 用户如有特殊要求, 需经厂家技术人员认可方可实施。
 8. 土建必须按照土建参数表, 需经厂家技术人员认可方可实施。
 9. 预留3米长, 10平方厘米的预埋件, 客户自理。

THE WORK THAT CUSTOMER AND CONTRACTOR HAVE TO DO:

1. The drawings are for the products which rise 14.68m; the permitted tolerance is ± 1.5 mm \rightarrow ± 1.5 mm.
2. Before installed, all holes have to be equipped with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
3. Before installed, all holes have to be equipped with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
4. According to the requirement of the technology data, the power supply with the safety switch is setting at the machine room; the fluctuation of voltage can not over $\pm 7\%$. The N wire and earth wire should be separated and the ground resistance should be less than $\leq 4\Omega$.
5. The corresponding parameter about machines should reference SFR.
6. If the customer need the photoelectricity start, there should be a space for multifunction insides; the distance between the space and the comb crossline is at least 1.2m.
7. If the customer have any special request, should correct after being agreed by the company technology.
8. Construction should conform with the relevant regulations & codes of the usage of escalators and moving walks.
9. 3m reservation, 10mm² power line solved by users.

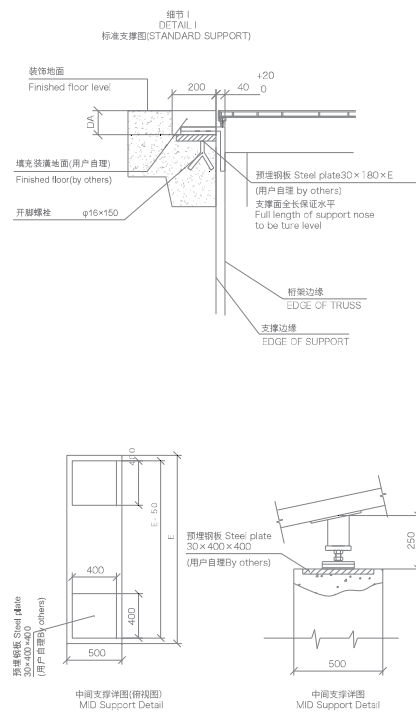
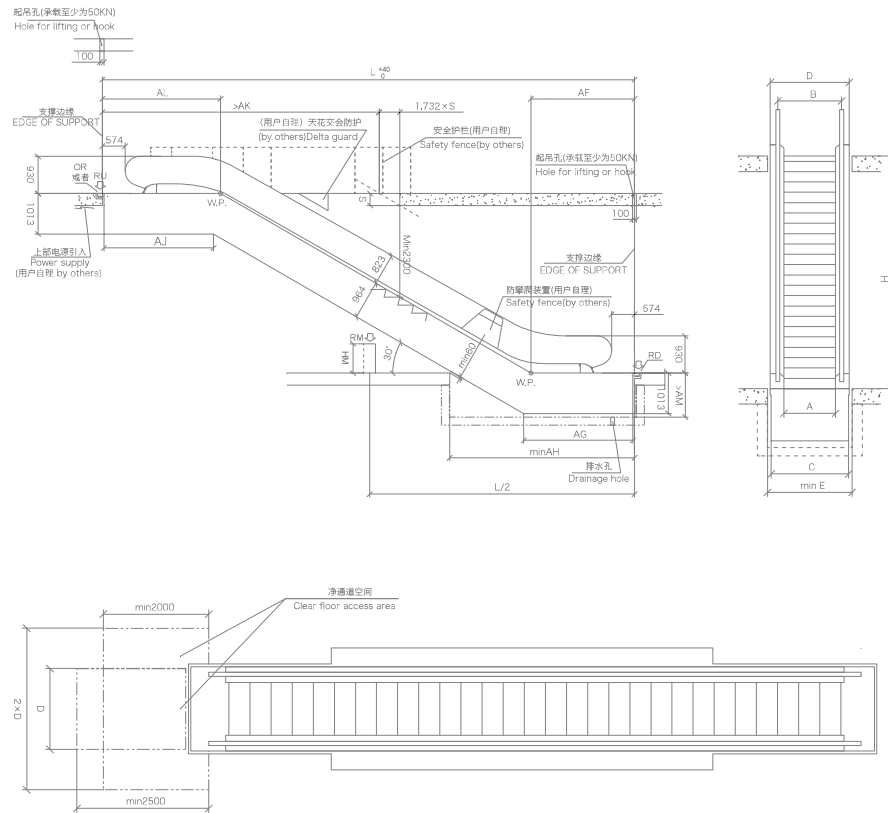
REACTIIONS 支反力(KN)		2分楼层及2.5分楼层 L=1.68m	
R _U =	1000	R _U =	5.11 \times 13
RD=		RD=	5.11 \times 5
R _U =	600	R _U =	4.41 \times 15
RD=		RD=	4.41 \times 9
R _U =	600	R _U =	3.76 \times 18
RD=		RD=	3.76 \times 12

600	837	1100	1130	1240	2694	6300	3013	1428H+5255	室内、室外电梯 For Indoor model A	1103	橡胶不含滑石粉 Without Shock absorbing rubber	108
800	1037	1300	1330	1440	2194	5800	2513	1428H+4755	室外及有油污染公室用 For Outdoor model B with oil separator	1353	加滑石粉 With Shock absorbing rubber	128
1000	1237	1500	1530	1640								
A	B	C	D	E	AJ	AK	AL	L	AM			DA

* 土脚间距允许缩短, 具体尺寸咨询我司. Span can be shorter, details please contact sales

商用型扶梯(30°) - 土建图

LAYOUT DRAWING - COMMERCIAL ESCALATOR (30°)



- 业主和土建承包商应完成的工作:
1. 本图适用提升高度H≤8米、允许偏差-15mm~+15mm。
 2. 当水平跨度L>15.3米时增加1中间支撑,位置基本居中。
 3. 安装之前,所有洞必须设置高度不小于1.2米的安全防护围封并应保证有足够的强度。
 4. 预埋预埋钢板、排水孔应设置准确。
 5. 根据技术参数表中的要求配备电源,电源应设保护的开关且上铁并接引线到上机房,电源波动范围不应超过±7%。电源零线和接地线应分开,且接地电阻值不大于4Ω。
 6. 当扶手中心线与任何障碍物之间的前角小于500mm时,用户应在外盖板上方设立一个无接触防撞板(用户自理)。
 7. 用户如有特殊要求,需经厂家技术认可方可签约。
 8. 土建必须满足扶梯行人道相关使用规范和标准。
 9. 预留3米长、10平方电源线,客户自理。

- THE WORK THAT CUSTOMER AND CONTRACTOR HAVE TO DO:
1. This drawing is fit for the products which rise H≤8m the permitted tolerance is -15mm~+15mm.
 2. Before installed, all holes have to be enveloped with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
 3. There should be int. water inside pit. The location of splash should be at the basement.
 4. According to the requirement of the technology data, the power supply with the safety switch is setting at the machine room. The fluctuation of voltage can not over than ±7%. The N wire and earth wire should be separated and the ground resistance is not more than 4 Ω.
 5. The corresponding parameter about machine should reference S6B.
 6. If the customer need the photoelectricity. What, there should be a space for multifunction installed, the distance between the space and the comb crossline is at least 1.3m.
 7. If the customer have any special request, should contract after being agreed by the company technology.
 8. Constructors should conform with the relevant regulations & codes of the usage of escalators and moving walks.
 9. 3m reservation, 10cm² power line solved by users.

注: 用户土建中间支撑梁高度计算公式如下: (单位mm)
 $HM = (L/2 - AF) \times \tan 30^\circ - (964 / \cos 30^\circ + 250)$

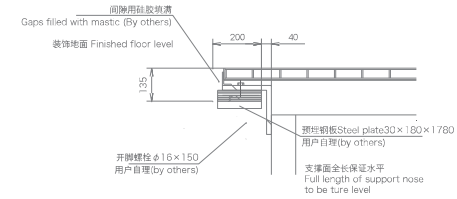
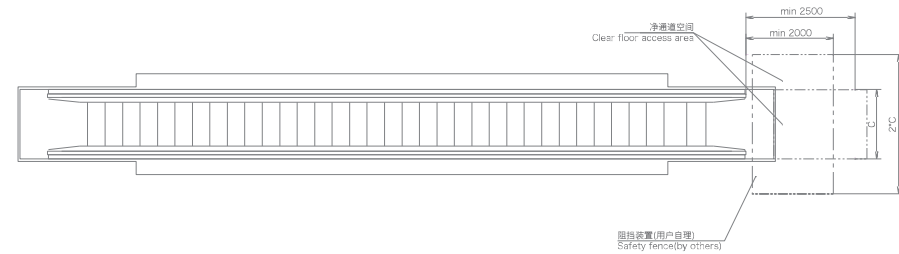
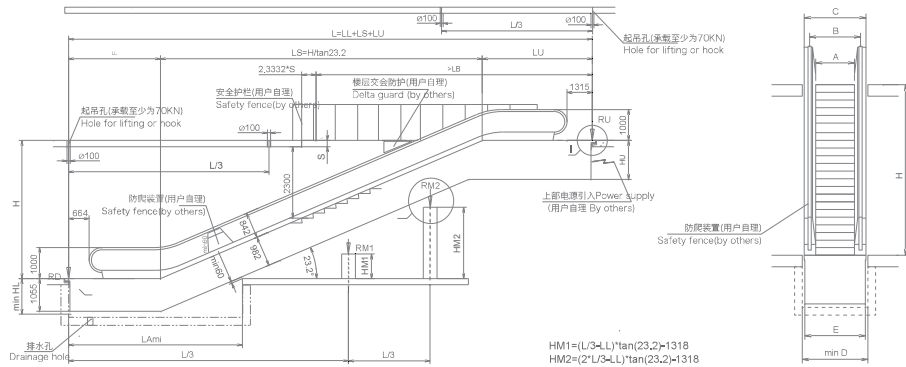
REACTIONS 反作用力 (KN)	楼层宽度 STEP WIDTH	2个支撑点 2 supports L间距		3个支撑点 3 supports L间距	
		RU=	RD=	RU=	RD=
1000	800	4,98L+17	4,98L+10	2,3L+13,6	2,3L+7,1
	600	4,31L+18	4,31L+10	7,16L+4,9	2,02L+13,2
800	800	4,31L+18	4,31L+10	2,02L+6,8	6,33L+4,8
	600	3,68L+27	3,68L+22		

6000<H≤8000	3	800	1037	1300	1330	1440	2599	2740	4640	2744	6950	2966	1,732H+5555	室外、室内外通用 For Indoor/Outdoor model A	1103	梯级金属踏板 Without St-ck assembly plate	108
		1000	1237	1500	1530	1640											
3000≤H≤6000	2	800	1037	1300	1330	1440	2199	2340	4240	2224	6430	2446	1,732H+646	室外防油污排水分离器 For Outdoor model B with Oil separator	1353	梯级金属踏板 With St-ck assembly plate	128
		1000	1237	1500	1530	1640											
H	平层数 楼层 steps	A	B	C	D	E	AF	AG	AH	AJ	AK	AL	L		AM	DA	

* 土建跨距允许缩短, 具体尺寸咨询我司 Span can be shorter, details please contact sales

公交型扶梯(23.2°) - 土建图

LAYOUT DRAWING - PUBLIC ESCALATOR (23.2°)

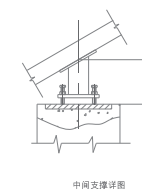
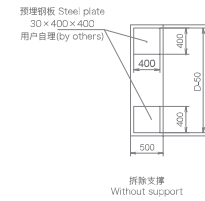


业主和土建承包商应完成的工作

- 1、本图通用提升高度H≤20米，允许偏差-15mm~+15mm。
- 2、当水平跨距L>15.3米时增加1个中间支撑，位置基本按中。
- 3、安装之前，所有必须设有高度不小于1.2米的安全防护网时，并应保证有足够的强度。
- 4、底坑内应防水，排水孔设在墙角处。
- 5、根据技术参数表中的要求配备电源，电源应设保护的开关且上锁并拉线拉到机房，电源波动范围不应超过±7%，相序错误和接地线应分开，且接地电阻值不大于4Ω。
- 6、当扶手中心线与任何障碍物之间的距离小于500mm时，用户需在外盖板上方设立一个无锐利边缘的垂直防撞板，高度不应小于300mm。
- 7、用户如有特殊要求，需经厂家技术人员方可签约。
- 8、土建必须满足扶梯或人行道的使用规范和标准。

THE WORK THAT CUSTOMER AND CONTRACTOR HAVE TO DO:

1. This drawing is fit for the products which rise H≤20m the permitted tolerance is -15mm~+15mm.
2. Before installed, all holes have to be enveloped with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
3. There should be anti water inside pit. The location of pash should be at the basement.
4. According to the requirement of the technology data, the power supply with the safety switch is setting at the machine room. The fluctuation of voltage can not over than ±7%. The N wire and earth wire should be separated and the ground resistance is not more than 4 Ω.
5. The corresponding parameter about machine should reference SEB.
6. If the customer need the photoelectricity VF start, there should be a space for multifactor installed, the distance between the space and the comb crossline is at least 1.3m.
7. If the customer have any special request, should contract after being agreed by the company technology.
8. Constructions should conform with the relevant regulations & codes of the usage of escalators and moving walks.



5			6415+DL2	3769+DL2	10215+DL1	4849+DL1	
4	1150	1400	6015+DL2	3369+DL2	9815+DL1	4449+DL1	LL+H/tan23.2°+LU
3			5615+DL2	2969+DL2	9415+DL1	4049+DL1	
水平梯级	室内/in door	室外/out door	LA	LL	LB	LU	L
			HL				

梯级类型	1000	800
A	1000	800
B	1282	1082
C	1700	1500
D	1780	1580
E	1660	1460

6.3*L+7	6.3*L+22	2.4*L+3	2.4*L+23	7.8*L+15	1.67*L+5	1.67*L+11	4.55*L+2	4.55*L+2	标准配置
RD	RU	RD	RU	RM1	RD	RU	RM1	RM2	布置方式
无中间支撑/NO MID.SUPPORT		一个中间支撑/ONE INTERMEDIATE SUPPORT		两个中间支撑/TWO INTERMEDIATE SUPPORTS					ARRANGEMENT
支反力/SUPPORT FORCE(KN)									

* 土建跨距允许缩短，具体尺寸咨询我司 Span can be shorter, details please contact sales

自动人行道(10~12°) - 土建图

LAYOUT DRAWING - TRVRELATOR (10~12°)

- 业主和土建承包商必须完成的工作
1. 按照图纸所示材料完成架，允许偏差：15mm→±15mm，
 2. 为所有槽面、平向及季位置设置冲槽，当水平槽宽≥250mm时槽冲的穿槽位置应基本对称。
 3. 安装之前，所有必须设置高度不小于2米的保安防护网并应保证有足够的强度。
 4. 架体内部防水、排水设施应符合规范，
 5. 架体内部所有井道、上盖、侧盖等应密封良好，防止雨水、雪水、灰尘等进入井道。
 6. 当扶手中心线与任何障碍物之间的最小距离为500mm时，用户需在架体上方设立一个无侧向阻力的垂直障碍物，高度不小于300mm。
 7. 用户如需特殊要求，需经厂家技术人员方可实施。
 8. 土建必须按照土建验收标准进行验收。

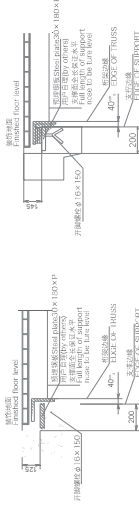


插图 I: 标准支撑面 (STANDARD SUPPORT)

插图 II: 中间支撑面 (INTERMEDIATE SUPPORT)

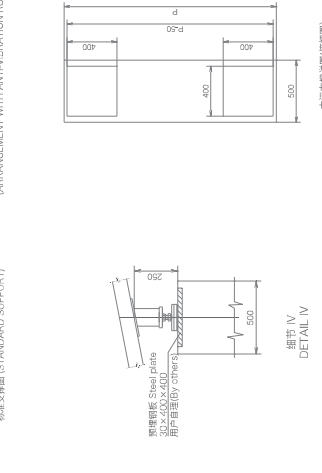
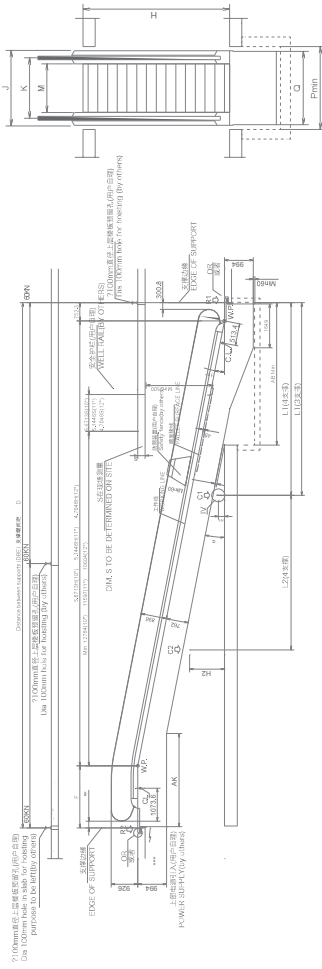


插图 I: 标准支撑面 (STANDARD SUPPORT)

插图 II: 中间支撑面 (INTERMEDIATE SUPPORT)

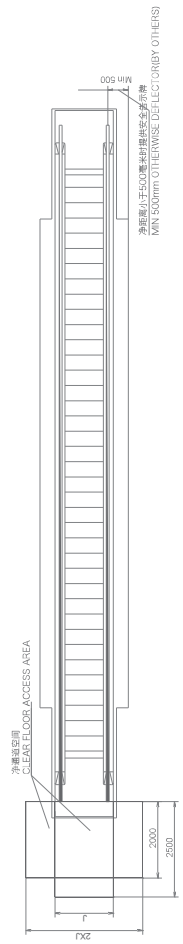
- THE WORK THAT CUSTOMER AND CONTRACTOR HAVE TO DO
1. This drawing is fit for the products which rise height is 6m in the permitted tolerance
 2. Safety guard for all holes have to be developed with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
 3. There should be anti water inside pit. The location of drain should be at the basement.
 4. The water inside the pit should be drained out. The drainage should be installed in the pit.
 5. The safety switch is sitting at the machine room. The fluctuation of voltage can not over than ±7%. The N wire and earth wire should be separated and the ground resistance is not more than 4 Ω.
 6. The corresponding parameter about machine should reference GB.
 7. If the customer have any special request should contact after being agreed with the company's design.
 8. The design should conform with the relevant regulations & codes of the usage of escalators and moving walks.

中间支撑面 (INTERMEDIATE SUPPORT) Detail

插图 IV: 中间支撑面 (INTERMEDIATE SUPPORT) Detail

5.1D+10	3.1D+2	1.3D+17	1.3D+9	3.45D+5.2	3.45D+5	1.5D+16	1.5D+6	4	
—	5.2D+4.2	1.9D+17	1.9D+8	—	6.1D+4.2	2.2D+14	2.2D+5	3	
—	—	4.25D+16	4.25D+8.2	—	—	4.9D+14	4.9D+6.2	2	
C2	C1	R2	R1	C2	C1	R2	R1	支撑位置 No. of supports	
800								1000	踏板宽度 Pallet width (mm)

表 1: 支撑力 (Reaction to support in KN (D in m)) (1 KN=100kg)									
1300	1430	805	1037	1330	800	127			
4632.8	2185.8	1500	1830	1007	1337	1530	1000		
1300	1430	805	1037	1330	800	127			
5080.3	2185.8	1500	1830	1007	1337	1530	1000		
1300	1430	805	1037	1330	800	127			
5887.8	2113.8	1500	1830	1007	1237	1530	1000		



* 土建间距允许缩短，具体尺寸咨询我司。Span can be shorter, details please contact sales