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西安标准电梯有限公司	XI'AN TYPICAL ELEVATOR CO.,LTD.
陕西省西安市徐家湾红旗东路1号	NO.1 East Hongqi Road, Xujawan, Xi'an, Shaanxi, China
邮编: 710021	Zip code: 710021
电话: 029-86611350 86611359	Phone: 029-86611350 86611359
传真: 029-86611359 86611360	Fax: 029-86611359 86611360
网址: www.xiantypical.com	Website: www.xiantypical.com
邮箱: xiantypical@126.com	E-mail: xiantypical@126.com



中国标准工业集团  
西安标准电梯有限公司  
CHINA TYPICAL GROUP  
XI'AN TYPICAL ELEVATOR CO.,LTD.



中国标准工业集团有限公司具有60多年发展历史。公司先后荣获全国五一劳动奖章、陕西省先进集体、西安市先进集体等多项荣誉。胡锦涛、江泽民、吴邦国等党和国家领导人先后亲临企业视察。

西安标准电梯有限公司(XTEC)是中国标准工业集团多元化产业发展的全资投资企业。公司集成50多年的电梯制造经验及中外合资公司先进的管理经验，吸收世界优秀外资企业电梯技术的精华，打造以安全、绿色、节能、高效为设计理念的系列产品，产品有乘客电梯、观光电梯、病床电梯、无机房客梯、载货电梯以及自动扶梯、自动人行道、别墅梯和杂物梯等。具有国家颁发的A级电梯制造许可资质和电梯安装、改造、维修资质。

Having been developing for over 60 years, China Typical Group was successively conferred on such honors as "National May First Labor Medal", "Advanced Collective of Xi'an City" and many others. Since its establishment, it has been inspected by many PRC top leaders, including President Hu Jintao, former President Jiang Zemin, and Wu Bangguo.

Xi'an Typical Elevator Company is a wholly-owned subsidiary of China Typical Group as a result of its diversified industrial development. It boasts an experience of over 50 year's elevator manufacturing as well as advanced management of Sino-foreign joint-ventures, Absorbing the best manufacturing technologies of world famous foreign-controlled businesses and accredited the top national elevator manufacturing and installation, including passenger elevator, panoramic elevator, bed elevator, machine-roomless passenger elevator, freight elevator, escalator, Travelator, homelift and dumb waiter which expound well its design concept: safe, green, efficient and energy-saving. Possessing Level A Certificate on Manufacture, Installation and Maintenance.



safe  
green  
energy-saving  
efficient



Passenger Elevator  
乘客电梯



Panoramic Elevator  
观光电梯



Bed Elevator  
医用电梯



Freight Elevator  
载货电梯



Auto Elevator  
汽车电梯



Typical Escalator  
自动扶梯



Homelift  
别墅电梯

## » 主要部件

# THE MAIN COMPONENTS

舒适、高效的人性空间 COMFORTABLE EFFICIENT HUMANIZED SPACE

标准电梯产品采用欧洲技术研发制造，性能优越稳定。  
采用永磁同步驱动系统，配合性能优越的变频门动系统和串行通讯系统，乘坐安全舒适，运行平稳可靠。

TYPICAL Elevator adopts European technologies so that its products have superior and stable performance.

It also adopts the permanent magnetic driving system, Variable Frequency Door System, And serial communication system, which makes you taking comfortable and operation Smooth and reliable.

### 曳引机 Tractor

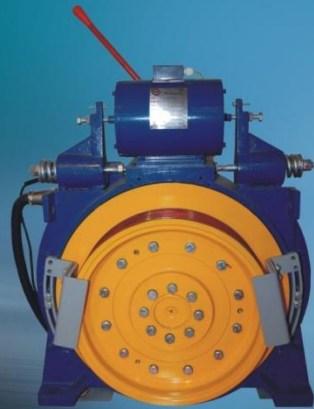
稀土永磁同步无齿轮主机  
Permanent Magnetic Gearless machine

传动效率高，节能  
High transmission efficiency, energy saving

性能优越，乘坐舒适  
superior performance, use comfortable

体积小，节省空间  
Space-saving

无油污，安全环保  
no oil, safety and environmental protection



### 控制系统 Control System

采用全电脑控制技术双CPU结构，内置32位精密微处理器，以模块化控制系统为基础，与微处理器之间协同工作，使得电梯整体系统更加可靠灵活，运行质量和安全性更有保障。

Fully applying computer control technology to utilize microprocessor and modular control system integrating every sub-system as a more flexible and reliable elevator system and perform safe and best quality in operation.

#### 1、提高稳定性——低产品维修率

1、Raise up the stability – Low callback rate

#### 2、缩短了现场安装时间——高度标准化

2、Shorten installation time – High standard

#### 3、减少等候时间——智能化派梯

3、Reduce waiting time – Logical dispatching

#### 4、扩大使用灵活性——按照客户预算制定方案

4、Diversify the flexibility – Customize according to customer's budget



### 永磁同步门机系统

#### Permanent Magnet Synchronous Machine Door System

PM永磁同步门机采用闭环矢量控制，能够有效控制速度和力矩，实时对门位置和速度进行监控，安全可靠。  
PM permanent magnet synchronous machine doors closed loop vector control, can effectively control the speed and torque, position and speed of real-time monitoring of door, safe and reliable.

性能优越，平稳舒适 Superior performance, smooth and comfortable

安全可靠 Safe and reliable

安全环保 Safety and environmental protection



## » 新技术 NEW TECHNOLOGY

### 远程监控 Remote monitoring

**化繁为简 运筹帷幄**

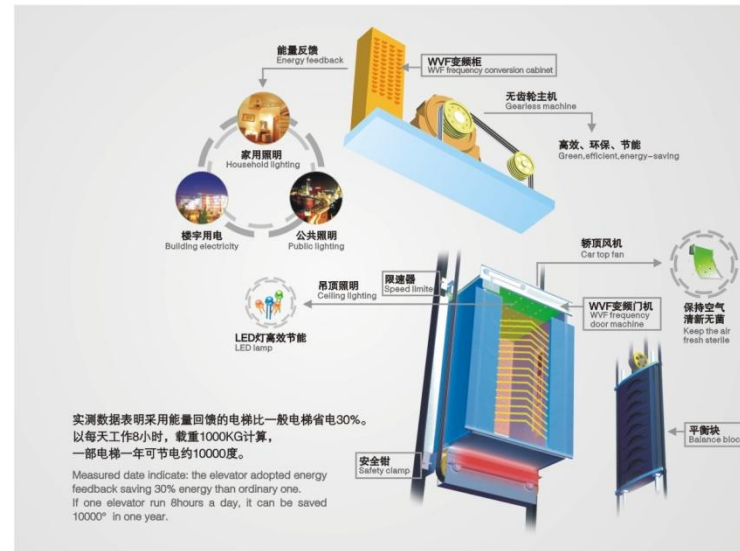
TYPICAL 电梯远程监控系统基于INTER-NET实时电脑监控系统，将电梯动态数据和运行状态记录、提取并进行分析，提供维保依据，及时发出维保指令，降低产品故障率，将电梯故障消除在萌芽中。

Remote monitoring system strategizing

Typical Elevator remote monitoring is base on Inter-net timely computer monitoring system, collecting and analyzing the elevator operational records, providing to the maintenance worker, and nipping the fault in the bud.



### 能量回馈 Energy feedback



### 电梯发电 Elevator Energy Feedback

标准电梯采用永磁同步无齿轮曳引机驱动，发电原理是：在一个曳引轮两端，分别悬挂电梯轿厢和对重块，对重块重量相当于电梯轿厢重量加一半的额定载重量。电梯运行有90%以上处于不平衡状态，朝负载较轻方向运行，电梯处于发电状态，并将这些再生能源回馈电网。

Typical Elevator adopts Permanent Magnetic gearless traction machine, the Elevator energy feedback is: the elevator cabin and counter weight is carried on both side of the traction machine, the cabin weight and half of capacity is equal to the counter weight. When in operation, it is 90% unbalanced, and generate electricity when move to less weight direction, and these renewable energy feedback to network.

## » GreenT系列 GreenT SERIES

标准电梯  
品质、环境、安全保证  
Typical Elevator Quality & Safe

全球安全标准  
world safety standard

绿色标准、舒适平层  
安全舒适  
Green, Efficient, Comfortable

电磁兼容  
EMC

数字化速度反馈  
Digital speeding

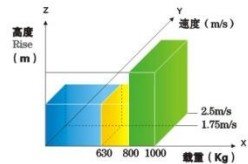
高精度数字定位、精准停靠  
Digital Velocity and Position

多彩显示屏技术  
Color/Bus system display

摩擦再平衡校正装置  
Friction and flat layer correction device

电梯裙门滤网器  
Elevator skirt filter

电梯干扰滤网器  
Elevator magnetic interference filter



载重量 Load (kg)	速度 Speed (m/min)	轿厢净尺寸 Car Net Dimensions (mm) 宽(W)×深(D)	开门尺寸 Door size (mm) 宽(OP)×高(OPH)	门洞尺寸 Opening size (mm) 宽(ROF)×高(ROH)	井道尺寸 Shaft size (mm) 宽(W)×深(HD)	底坑深度 Pit depth (mm) PIT(mm)	顶层高度 Over head (mm) OH(mm)
630	60	1400×1100	800×2100	960×2200	1900×1750	1450	4450
	90					1600	4650
	105					1650	4700
800	60	1400×1350	800×2100	960×2200	1900×2000	1450	4450
	90					1600	4650
	105					1650	4700
1000	60	1600×1400	900×2100	1060×2200	2100×2050	1450	4450
	90					1600	4650
	105					1650	4700
1000	120	1600×1400	900×2100	1060×2200	2150×2100	1850	5050
	150					2000	5280



### 一体式操纵壁 Integrated COP

1. 按钮、显示器直接安装在轿壁上。
  2. 产品美观大方，豪华新颖。
  3. 便于安装调试维修。
1. button, display on the car wall.
  2. beautiful and luxurious.
  3. Installation and maintenance easily.



### 超薄外呼 Slim call box

1. 墙贴式外呼，无盒体。
  2. 土建施工简单，外呼安装仅需预留 $\phi 30$ 过线孔，克服了需要预先在墙壁上开孔的缺陷。
  3. 安装维修简单、方便。
1. stick on car wall, without box.
  2. Easy for civil work, just reserve a  $\phi 30$  wire hole, and no need for structure opening.
  3. installation and maintenance simple and convenient.



### 永磁同步门机系统 Permanent magnet synchronous door system

- 永磁同步电机驱动  
PWM脉宽调制技术，有效降低门系统运行噪音。  
齿形带传动，开门动作平稳，进一步降低噪音。
- Permanent magnet synchronous motor drive  
PWM pulse width modulation technology, effectively reduce the noise during door system operation.  
Toothed belt drive, open the door smoothly, and reduce noise.



### 一体式轿顶 Integrated ceiling

1. 型号：TCM-01 照明：LED灯
  2. 型号：TCM-06 照明：环形灯管
1. Model: TCM-01 Lighting: LED lights
  2. Model: TCM-06 Lighting: circular tube

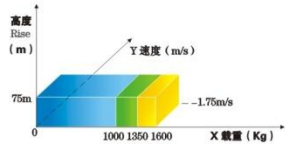


### 轿厢 Car

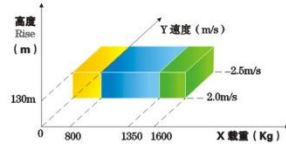
- 后壁中间轿壁为镜面不锈钢，其余壁为发纹不锈钢。  
轿壁不仅坚固耐用，美观新颖，而且具有强烈的时代感。
- Mirror stainless steel in the middle of back wall, and the rest is hairline stainless steel.  
Car wall is not only durable, beautiful novel, but with a strong sense of the times.

## » 客梯系列参数一览表 LIST OF PARAMETERS ELEVATOR SERIES

### Passenger Elevator 乘客电梯



TYPICAL MR电梯范围  
Typical MR Elevator Range



TYPICAL HR电梯范围  
Typical HR Elevator Range



载重量 Load (kg)	速度 Speed (m/min)	轿厢净尺寸 Car Net Dimensions (mm) 宽(CW)×深(CD)	开门尺寸 Door size (mm) 宽(OP)×高(OPH)	门洞尺寸 Opening size (mm) 宽(ROP)×高(RCH)	井道尺寸 Shaft size (mm) 宽(HW)×深(HD)	基坑深度 Pit depth (mm) PTT(min)	顶层高度 Over head (mm) OH(min)
630	60	1400 × 1100	800 × 2100	960 × 2200	1900 × 1750	1450	4450
	90					1600	4650
	105					1650	4700
800	60	1400 × 1350	800 × 2100	960 × 2200	1900 × 2000	1450	4450
	90					1650	4700
	105					1650	4700
1000	60	1600 × 1400	900 × 2100	1060 × 2200	2100 × 2050	1450	4450
	90					1650	4650
	105					1650	4700
	120					1850	5050
	150					2000	5280
	150					2000	5280
1150	60	2000 × 1300	1100 × 2100	1260 × 2200	2550 × 2100	1650	4740
	90					1750	4910
	105					1750	4950
	120					1850	5050
	150					2000	5280
	150					2000	5280
1350	60	2000 × 1500	1100 × 2100	1260 × 2200	2550 × 2200	1750	4950
	90					1850	5050
	105					1850	5050
	120					1850	5050
	150					2000	5280
	150					2000	5280
1600	60	2000 × 1750	1100 × 2100	1260 × 2200	2800 × 2400	1650	4740
	90					1750	4910
	105					1750	4910
	120					1850	5050
	150					2000	5280
	150					2000	5280

### Panoramic Elevator 观光电梯

轿厢形状 Car shape	载重量 Load (kg)	速度 Speed (m/min)	轿厢净尺寸 Car Net Dimensions (mm) 宽(CW)×深(CD)	开门尺寸 Door size (mm) 宽(OP)×高(OPH)	门洞尺寸 Opening size (mm) 宽(ROP)×高(RCH)	井道尺寸 Shaft size (mm) 宽(HW)×深(HD)	基坑深度 Pit depth (mm) PTT(min)	顶层高度 Top height (mm) OH(min)
半圆形 Semi-circular shape	800	60	1200 × 1700	800 × 2100	960 × 2200	2300 × 2250	1950	4650
		90					2100	4850
		105					2150	4900
	1000	60	1400 × 1700	900 × 2100	1060 × 2200	2400 × 2250	1950	4650
		90					2100	4850
		105					2150	4900
钥匙孔型 Key-hole Shape	1000	60	1100 × 2080	800 × 2100	960 × 2200	2300 × 3000	1950	4650
方形 Square Shape	800	60	1300 × 1400	800 × 2100	960 × 2200	2350 × 2150	1950	4650
		90					2100	4850
		105					2150	4900
	1000	60	1600 × 1400	900 × 2100	1060 × 2200	2550 × 2150	1950	4650
		90					2100	4850
		105					2150	4900
菱形 Rhombic Shape	800	60	1300 × 1550	800 × 2100	960 × 2200	2300 × 2150	1950	4650
		90					2100	4850
		105					2150	4900
	1000	60	1600 × 1550	900 × 2100	1060 × 2200	2550 × 2150	1950	4650
		90					2100	4850
		105					2150	4900

### Bed Elevator 医用电梯

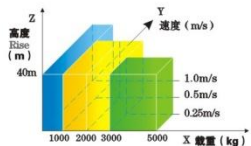


载重量 Load (kg)	速度 Speed (m/min)	轿厢净尺寸 Car Net Dimensions (mm) 宽(CW)×深(CD)	开门尺寸 Door size (mm) 宽(OP)×高(OPH)	门洞尺寸 Opening size (mm) 宽(ROP)×高(RCH)	井道尺寸 Shaft size (mm) 宽(HW)×深(HD)	基坑深度 Pit depth (mm) PTT(min)	顶层高度 Top height (mm) OH(min)	
1800	60	1400 × 2400	1100 × 2100	1300 × 2200	2400 × 3000	1650	4740	
							1750	4910
							1750	4950
							1650	4740
							1750	4910
							1750	4950
	90	1400 × 2400	1200 × 2100	1400 × 2200	2400 × 3000	1750	4910	
							1750	4950
							1650	4740
							1750	4910
							1650	4740
							1750	4950

## Machine roomless Elevator 无机房电梯



载重量 (kg)	速度 (m/min)	轿厢净尺寸 (mm) 宽(CW)×深(CD)	开门尺寸 (mm) 宽(OP)×高(OPH)	门洞尺寸 (mm) 宽(ROP)×高(ROH)	井道尺寸 (mm) 宽(HW)×深(HD)	底坑深度 (mm) PIT(min)	顶层高度 (mm) OH(min)
60	90	1400×1100	800×2100	960×2200	2200×1950	1600	4200
90	105	1400×1100	800×2100	960×2200	2200×1950	1600	4600
800	90	1400×1350	800×2100	960×2200	2200×2050	1600	4200
90	105	1400×1350	800×2100	960×2200	2200×2050	1600	4600
1000	90	1600×1400	900×2100	1060×2200	2400×2100	1600	4500
90	105	1600×1400	900×2100	1060×2200	2400×2100	1600	4900
1600	90	1400×2400	1100×2100	1260×2200	2400×3000	1600	4550
90	105	1400×2400	1100×2100	1260×2200	2400×3000	1600	4900



货梯及汽车梯规格立体图示  
Freight elevator and car stereo icon size ladder

## Freight Elevator 载货电梯



载重量 (kg)	速度 (m/min)	轿厢净尺寸 (mm) 宽(CW)×深(CD)	开门尺寸 (mm) 宽(OP)×高(OPH)	井道尺寸 (mm) 宽(HW)×深(HD)	底坑深度 (mm) PIT(min)	顶层高度 (mm) OH(min)
1000	30	1400×1700	1200×2100	2250×2300	1550	4500
2000	30	1700×2400	1500×2200	2700×3000	1550	4500
3000	30	2000×2900	1800×2200	3150×3500	1550	4500
5000	15	2400×3750	2400×2400	4000×4220	1650	4800

## Auto Elevator 汽车梯



载重量 (kg)	速度 (m/min)	轿厢外尺寸 (mm) 宽(CW)×深(CD)	开门尺寸 (mm) 宽(OP)×高(OPH)	井道尺寸 (mm) 宽(HW)×深(HD)	底坑深度 (mm) PIT(min)	顶层高度 (mm) OH(min)
3000汽	15	3500×6000	2600×2400	4700×6280	1400	5000
5000汽	15	3500×6000	2600×2400	4700×6280	1400	5000
5000汽	15	3500×4000	2600×2400	4700×4280	1650	4800

## » 客梯功能 ELEVATOR FUNCTIONS

### 基本功能 Basic functions

#### 安全功能 SECURITY

- 检修操作  
Inspection
- 超载报警保护 (OLD)  
Overload alarm
- 对讲机 (INT)  
Interphone(NT)
- 自动慢平层  
Automatic slowdown to level
- 接触器反馈检测功能  
Check of contact feedback
- 速度检测功能  
Speed detection
- 电网电压波动检测  
Grid voltage fluctuation detection
- 轿厢警铃 (BELL)  
Car alarm bell
- 防止尖速内部计时器保护  
In-built timer for speed loss
- 运行次数显示 (CNT)  
Indicator of riding times
- 超速电气机械保护 (OS)  
Fault detection/save
- 待机自檢  
Standby selfinspection
- 就近层停靠  
Stop at the nearest floor
- 电机过热保护  
Motor over-heating protection
- 光幕保护装置(LFL)  
Light-curtain door protection
- 故障自动检测/存储  
Automatic fault detection / storage
- 抱闸反馈检测功能  
Brake feedback detection function
- 电梯开关  
Stop switch

#### 运行功能 OPERATION

- 全集选控制  
Full collective selective
- 开关门按钮 (瞬时关门)  
DOB, DCB
- 满载不停梯 (满载直驶)  
LNS
- 轿内反向消号 (DS-CCB)  
Cancel car call after reversing
- 自动脱离群控  
Auto deviation from group control
- 本层开门  
Current-landing door open
- 门负载检测  
Door load inspection
- 强制关门  
Forced door closing
- 重复开门  
Door reopening
- 不停梯开门  
Stopping elevator ad'nd open door
- 开关门时间保护 (DCP)  
Door open/close time protection
- 基站 (HL)  
Main landing
- 独立服务 (ISC)  
Independent service
- 有机服务 (ATT)  
Attendee service
- 修正运行 (COR)  
Modified operation (COR)
- 火灾紧急返回  
Fire emergency return

#### 通讯功能 COMMUNICATION

- 厅/轿门时再分别控制 (DDT)  
Landing/car door time control
- 数字式厅/轿厢显示 (HP/CP)  
Digital indicator (HP/CP)
- 召唤按钮显示一体  
Call button and display made in one
- 自学习功能 (LUN)  
Self-learning function(LUN)

#### 方便功能 CONVENIENCE FUNCTION

- 风扇照明自动控制  
Convenience features

#### 防错功能 POKA-YOKE FUNCTION

- 误差寄存器  
Eliminate false registration number

#### 应急功能 EMERGENCY FUNCTION

- 轿厢紧急照明 (ELTU)  
Emergency car lighting(ELTU)

### 可选功能 Optional functions

#### 运行功能 RUN FUNCTION

- 群控/群控 (GROUP)  
Group control
- 开门保护按钮 (DHD)  
Door-opening holding button
- 语音报站功能 (VR)  
Voice announcement
- 停电应急平层装置 (APED)  
Emergency leveling device
- 轿厢到站时提前开门操作  
Parking elevator switch
- 开门再平层操作  
Open the door to a flat layer of operation
- 贯通门  
Through cabin
- 副操纵器  
Auxiliary COP
- 残疾人操纵箱  
disabled person COP

#### 防错功能 POKA-YOKE FUNCTION

- 紧急消防员操作  
Emergency fireman operation
- 防捣乱功能 (ANS)  
Anti-nuisance

#### 方便功能 CONVENIENCE FUNCTION

- 分散待机  
Dispersion standby
- 电梯专用空调  
Elevator air conditioner

#### 节能功能 CONVENIENCE FUNCTION

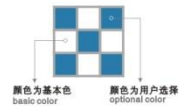
- 能量反馈功能  
Energy feedback

## » 客梯系列选项一览表 ELEVATOR SERIES OPTION LIST

### 壁板喷粉选色 Cabin wall powder color



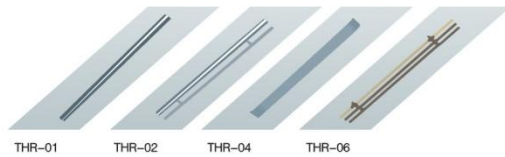
### PVC地板选色 PVC Floor color



### 大理石纹真实胶地板 (可选) Marble real plastic floor (option)



### 扶手设计 (可选) Handrail design (option)



以优越的性价比，为乘客营造舒适快捷的移动空间  
With excellent value ,  
create a comfortable and efficient space for passenger

### 轿顶吊顶 (标配) Car ceiling (standard)



型号: TCM-01  
轿厢照明: LED灯  
材料: 钢板喷粉  
Model: TCM-01  
Car lighting: LED lights  
Material: powder steel

型号: TCM-02  
轿厢照明: 管型灯  
材料: 钢板喷粉  
Model: TCM-02  
Car lighting: lamp tube  
Material: powder steel

型号: TCM-06  
轿厢照明: 环形灯  
材料: 钢板喷粉  
Model: TCM-06  
Car Lighting: Ring Light  
Material: powder steel

### 轿顶吊顶 (选配) Car ceiling (optional)



型号: TCL-01  
轿厢照明: 环形灯  
材料: 钢板喷粉, 亚克力顶板  
Model: TCL-01  
Car Lighting: Ring Light  
Material: powder steel , acrylic roof

型号: TCL-02  
轿厢照明: LED灯  
材料: 钢板喷粉  
Model: TCL-02  
Car lighting: LED lights  
Material: powder steel

型号: TCL-03  
轿厢照明: 管型灯  
材料: 钢板喷粉  
Model: TCL-03  
Car lighting: lamp tube  
Material: powder steel

型号: TCL-04  
轿厢照明: LED灯  
材料: 钢板喷粉  
Model: TCL-04  
Car lighting: LED lights  
Material: powder steel



型号: TCL-05  
轿厢照明: 环形灯  
材料: 钢板喷粉, 菱形中空透明灯柱, 拱形亚克力透光板  
Model: TCL-05  
Car Lighting: Ring Light  
Material: powder steel, Rhombic translucent lamp, Arched Acrylic plate

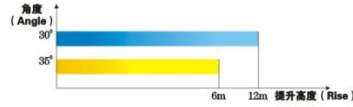
型号: TCL-06  
轿厢照明: 环形灯  
材料: 钢板喷粉框架, 镜面顶板, 亚克力透光板  
Model: TCL-06  
Car Lighting: Ring Light  
Material: powder steel frame, Mirror steel ceiling, Acrylic plate

型号: TCL-11  
轿厢照明: 筒灯加日光灯  
材料: 发纹不锈钢框架, 拱形亚克力顶板  
Model: TCL-11  
Car lighting: fluorescent lamp plus tube light  
Material: Hairline stainless steel frame, Arched Acrylic plate

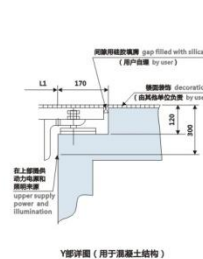
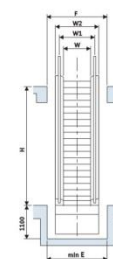
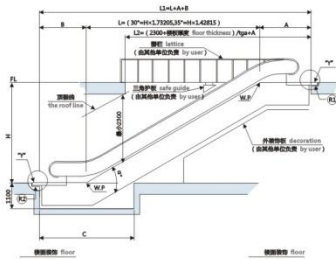


## » 扶梯系列参数一览表 ESCALATOR SERIES PARAMETER LIST

Typical Escalator  
自动扶梯



型号 Model	倾斜角 angle (α)	速度 speed (m/min)	梯级宽度 Step width (mm)	框架尺寸 Frame size (mm)	最大输送能力 Max transmission capacity (人/h)	最小底坑深 Minimum pit depth (mm)	最小底坑宽 Minimum pit width (E) (mm)	A (mm)	B (mm)	F (mm)	最小底坑长 Minimum pit length (C) (mm)	使用范围 (H提升高度) Height range (mm)
EDE 30-800K	30°	30	600	1200	3600	1100	1260	2984	2198	1910	4300	H≤6000
EDE 30-800K			800	1400	4800		1460	2567	2198	2110		
EDE 30-1000K			1000	1600	6000		1660	2567	2198	2310		
EDE 35-800K	35°	30	600	1200	3600	1100	1260	3080	2242	1910	4100	H≤6000
EDE 35-800K			800	1400	4800		1460	2683	2242	2110		
EDE 35-1000K			1000	1600	6000		1660	2683	2242	2310		
EDE 30-800K	30°	30	600	1200	3600	1300	1260	3854	2688	1910	4700	6000<H≤6500
EDE 30-800K			800	1400	4800		1460	3537	2688	2110		
EDE 30-1000K			1000	1600	6000		1660	3537	2688	2310		

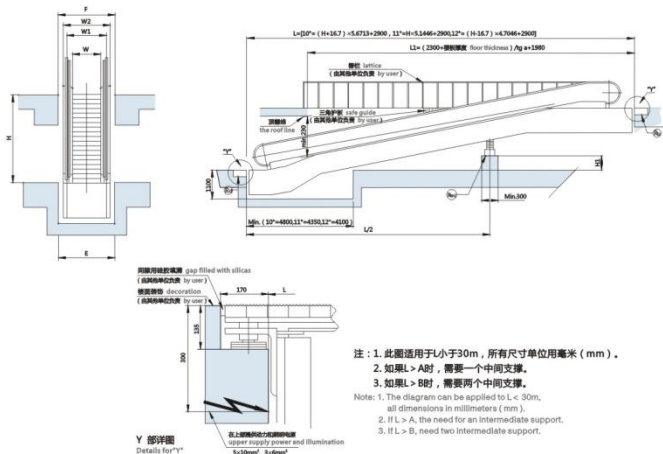


Y部详图 (用于混凝土结构)  
Details for "Y" (suitable for concrete construction)

Typical Travelator  
自动人行道



型号 Model	倾斜角 angle (α)	速度 speed (m/min)	梯级宽度 Step width (W) (mm)	框架尺寸 Frame size (W2) (Mm)	最大输送能力 Max transmission capacity (人/h)	最小底坑深 Minimum pit depth (mm)	最小底坑宽 Minimum pit width (E) (mm)	A (mm)	B (mm)	F (mm)	最小底坑长 Minimum pit length (C) (mm)	H1 (mm)
ECT10-800K	10°	30	800	1400	4800	1100	1460	16300	32700	2037	4800	(L2-4149) × 0.17831-400
ECT11-800K	11°		800	1400	4800		1460				4350	(L2-3805) × 0.195185-400
ECT12-800K	12°		800	1400	4800		1460				4100	(L2-3507) × 0.21206-400
ECT10-1000K	10°	30	1000	1600	6000	1100	1660	16300	32700	2237	4800	(L2-4149) × 0.17831-400
ECT11-1000K	11°		1000	1600	6000		1660				4350	(L2-3805) × 0.195185-400
ECT12-1000K	12°		1000	1600	6000		1660				4100	(L2-3507) × 0.21206-400



注: 1. 此图适用于L小于30m, 所有尺寸单位用毫米 (mm)。  
2. 如果L > A时, 需要一个中间支撑。  
3. 如果L > B时, 需要两个中间支撑。  
Note: 1. The diagram can be applied to L < 30m, all dimensions in millimeters (mm).  
2. If L > A, the need for an intermediate support.  
3. If L > B, need two intermediate support.

## » 扶梯、人行道功能

# ESCALATOR, TRAVELATOR FUNCTION

功能 Function	ECE/ECT	功能说明 Function description
急停按钮 Stop button	S	在扶梯上端和下端各装有一个急停开关, 用于扶梯的停止运行 In an escalator upper end and the lower end is fitted by an emergency stop switch, used for escalator stop running
梳齿板保护 Comb contact	S	装在扶梯梳齿板处的保护开关, 当异物卡在梳齿板时, 安全开关动作, 使扶梯停止运行 Arranged in a comb plate of the protection switch, when the foreign matter stuck comb plate, safety switch action, make the escalator stop running
扶手带入口保护 Handrail entrance contact	S	装在扶梯四个扶手入口, 当异物进入扶手入口时, 使扶梯停止运行 Escalator handrails installed in four entrance, when the foreign matter entering the entrance to the escalator handrail, stop running
梯级/踏板缺失监控 Step missing contact	O	在扶梯上装有梯级检测传感器, 当检测到梯级缺少时, 使扶梯停止运行 On the escalator with step detection sensor, when the step missing, the escalator stop running
梯级/踏板下陷保护 Step sag contact	S	当梯级损坏下陷时, 使扶梯停止运行 When the step damage or sag, the escalator stop running
梯级防跳触点 Step prevention jump contact	O/X	梯级由运行导轨上翘起或发生运行异常时, 安全触点动作停止扶梯运行 Step from running rail lift or the occurrence of abnormal operation, safety contact operation stop the escalator
电机过热保护 Motor overheat contact	S	当电动机绕组温度过高时, 装在扶梯控制柜的热敏电阻保护继电器通过检测绕组温度, 切断电动机的控制电路 When the motor winding temperature is too high, the thermostat relay installed in the escalator control cabinet through the detection winding temperature, cut off the control circuit of the motor
相序监控 Phase sequence monitor	S	在扶梯控制柜装有相序保护继电器, 当供电电压过高、过低或相序不平衡、断相、错相时, 切断电动机的控制电路 In an escalator control cabinet with phase sequence protection relay, when the power supply voltage is too high or too low, the phase balance, phase failure, phase error, cut off the control circuit of the motor
制动臂打开开关 The brake arm to open the switch	S	在扶梯制动臂上装有检测开关, 当检测到抱闸不能正常工作时, 使扶梯停止运行或在下次无法启动 The escalator brake is equipped with detection switch, when detecting the brake can not work normally, the escalator stop or can't start next time
主机速度保护 Motor speed monitor	S	当电动机的转速过高、过低时速度监控系统会切断电动机的控制电路 When the motor speed is too high or too low, speed monitoring device can cut off the motor control circuit
机房护板 Maintenance locking device	S	检修时, 防止人员被卷入梯级 Maintenance, prevent personnel were involved in the step
活动盖板打开开关 The movable cover plate switch	O	活动盖板打开后此开关动作, 扶梯或人行道停止运行 The cover plate opens the switch action, escalator or sidewalk stop running
主机防逆转装置 Motor anti-reverse device	S	当电动机发生非操纵性逆转时, 速度监控系统会切断电动机的控制电路 When the motor has misadjusted the reverse, speed monitoring device cut off the motor control circuit
驱动链断链保护 Broken step-chain contact	S	在驱动链旁装有一个检测开关, 当驱动链伸长或断裂时, 使扶梯停止运行 In the drive chain is arranged beside a detection switch, when the driving chain elongation or breaks, the escalator stop running
主轴安全制动臂 Sprocket safety brake	O	装在主轴上, 通过棘轮摩擦制动棘轮驱动轮, 使扶梯停止运行 Mounted on a drive spindle, through a ratchet wheel friction braking step driving wheel, the escalator stop running
梯级加热、梳齿加热 Step heating, comb heating	X	适用于室外扶梯, 当室外温度较低时设置的加热装置, 防止梯级或梳板上结冰 Suitable for outdoor escalators, when the outdoor temperature is low when setting the heating device, to prevent the step freeze
扶手带加热 Handrail belt heating	X	适用于室外扶梯, 当室外温度较低时设置的加热装置, 扶手带因温度过低而硬化断裂 Suitable for outdoor escalators, when the outdoor temperature is low when a heating device, a handrail belt due to low temperature and hardening fracture
底坑水位开关 Pit water level switch	X	适用于露天扶梯或人行道, 当底坑水位超过一定高度时, 扶梯停止运行 Suitable for outdoor escalator or sidewalk, when the pit water level over a certain height, the escalator stop running
梯级间隔照明 step gap illumination	S/X	在扶梯上下出入口的梯级下装有发光的灯管, 用于提醒乘客在出入口扶梯时注意梯级 On the escalator passageway step is arranged under the green emitting tube, used to remind passengers to exit escalator to attention the step
梳齿照明 Comb illumination	O/S	在扶梯上下梳齿板的两侧装有发光的灯管, 用于提醒乘客在出入口扶梯时注意梳齿板 On the escalator of comb plate is arranged on two sides of the lamp emits green light, used to remind passengers to exit the escalator to attention the step
梳齿刷 Skirting brush	O	沿着整个梳齿板安装, 防止异物卡到梯级与梳齿之间的缝隙里 Along with the skirt, prevent foreign card to the gap between step and the skirt plate
梳齿间隙开关 Skirting gap switch	S	在扶梯上下梳齿板的两侧装有保护开关, 当有异物卡在梳齿与梳齿板之间时, 使扶梯停止运行 On the escalator the skirting brush both sides of the gap to protect protection switch, when a foreign body stuck in the comb and the skirt, the staircase to stop running
梯级静电刷 Step static brush	S	梯级下装有一个静电刷, 消除梯级在运行时产生的静电 Brush installed under the step, eliminate the electrostatic during operation

功能 Function	ECE/ECT	功能说明 Function description
扶手带静电刷 Handrail static brush	S	两条扶手带各装有一个去静电刷, 去除扶手带运行过程中产生的静电 The two handrails are respectively provided with a handrail brush (brush), removal of static electricity during operation
踏板坠落防护 Step fall protection	X/S	当踏板坠落时, 使扶梯停止运行 When the step was falling, the staircase to stop running
扶手带速度监控 Handrail speed monitoring	O	在扶梯两侧扶手带有速度检测传感器, 当扶手带的运行速度与梯级不同步时, 使扶梯停止运行 In an escalator handrails on both sides with a speed detecting sensor, when the handrails running speed and step are not synchronous, the staircase stop running
扶手带断带保护 Handrail break protection	O	在扶梯两侧扶手带有保护开关, 当扶手带伸长或断裂时, 使扶梯停止运行 In an escalator handrails with a protection switch, when the handrail elongation or breaks, the staircase to stop running
梯级/踏板断链保护 Step chain break protection	S	装在扶梯下端的梯级断链保护装置, 当梯级链伸长或断裂时, 使扶梯停止运行 Installed in the lower end of the escalator step chain tensioning device, when the step chain elongation or breaks, the escalator stop running
控制柜提升装置 Control cabinet lifting device	O	控制柜上装有起吊环, 便于吊装控制柜 Control cabinet with hoisting rings, is convenient for hoisting control cabinet
梯级黄色边框 Yellow plastic insert	S/X	梯级设有黄色边框, 提醒乘客站立位置 Step with a yellow insert, to remind the passengers to a standing position
检修运行 Maintenance operation	S	在扶梯装有检修运行钥匙, 进行检修操作 In the escalator maintenance operation with socket, repair operation
启动警铃 Alarm buzzer	S	自动扶梯开启启动按钮, 运行前响警铃以提醒乘客 Escalator on the start button, before moving to ring the alarm to remind the passengers
自动加油系统 Automatic relubricating system	S	由控制柜在设定的时间发出加油信号, 自动操作液压泵, 进行加油润滑 By the control cabinet in the setting of the time a relubricating signal, automatic operation of hydraulic pump, gas lubrication
接地系统 Grounding system	S	扶梯或人行道设置了漏电流接地保护, 保护乘客或维修人员安全 Escalator or walkway set leakage grounding conductive protection, protecting the passengers or repair person safety
主回路断路器 Main circuit breaker	S	在控制柜内装有主回路断路器, 以便切断电源 In the control cabinet is provided with a main circuit about circuit switch, so as to cut off the power
故障代码显示 Failure code display	S	在扶梯控制柜内装有显示器, 可以显示故障代码 In the escalator control cabinet are arranged in the display, can show the fault code
变频节能: 从低速-高速 Frequency conversion energy saving operation: from low speed-high speed	O	变频节能运行, 配置交通流量灯指示运行方向, 无人乘坐时低速运行, 系统检测到有人要乘梯时会自动改为正常速度运行 Frequency conversion energy saving operation, configure traffic flow light showing direction, no one sitting when low speed running, the system detected when someone to take the escalator will automatically change to normal speed running
变频节能: 从停止-低速 Frequency conversion energy saving operation: from stop-low speed	O	变频节能运行, 配置交通流量灯指示运行方向, 无人乘坐时停止运行, 系统检测到有人要乘梯时会自动改为正常速度运行 Frequency conversion energy saving operation, configure traffic flow light showing direction, no one sitting when stop running, the system detected when someone to take the escalator will automatically change to normal speed running

S- 标准配置

X- 不适用

O- 可选配置

☆- 提升高度 > 6m 必须配置

S- Standard

X- Not applicable

O- Option

☆- Rise > 6m standard



客户反馈电话: +86-29-86611349

Customer Feedback No.: +86-29-86611349