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GENERAL ELEVATOR

ESCALATOR
MOVING WALK SERIES

GENERAL ELEVATOR CO.,LTD.

Moving Walk

The Perfect integration of technology and art offers smooth carrying for the city.



The GENERAL moving walk series products introduce the advanced pavement manufacturing technology to make an accurate analysis of urban traffic flow, building layout and passenger demand. This series product combines practical features with visual decorative effect, perfectly integrating the technology and art together, which makes urban delivery more smoothly.



Efficient delivery

The safe track technology takes advantage of scientific mechanical operation to secure the stability and efficiency of elevator position.

The advance handrail drive organically combines two types of drive-friction wheel drive and roller drive-together to improve force.



Safety design

The anti-skid slot design on the pavement pedal surface enables the passengers to experience more security and ease.

The pavement safety protection device is monitored by the advance safety circuit board to eliminate operation risks in time, reduce the maintenance time and ensure the safety of passengers.



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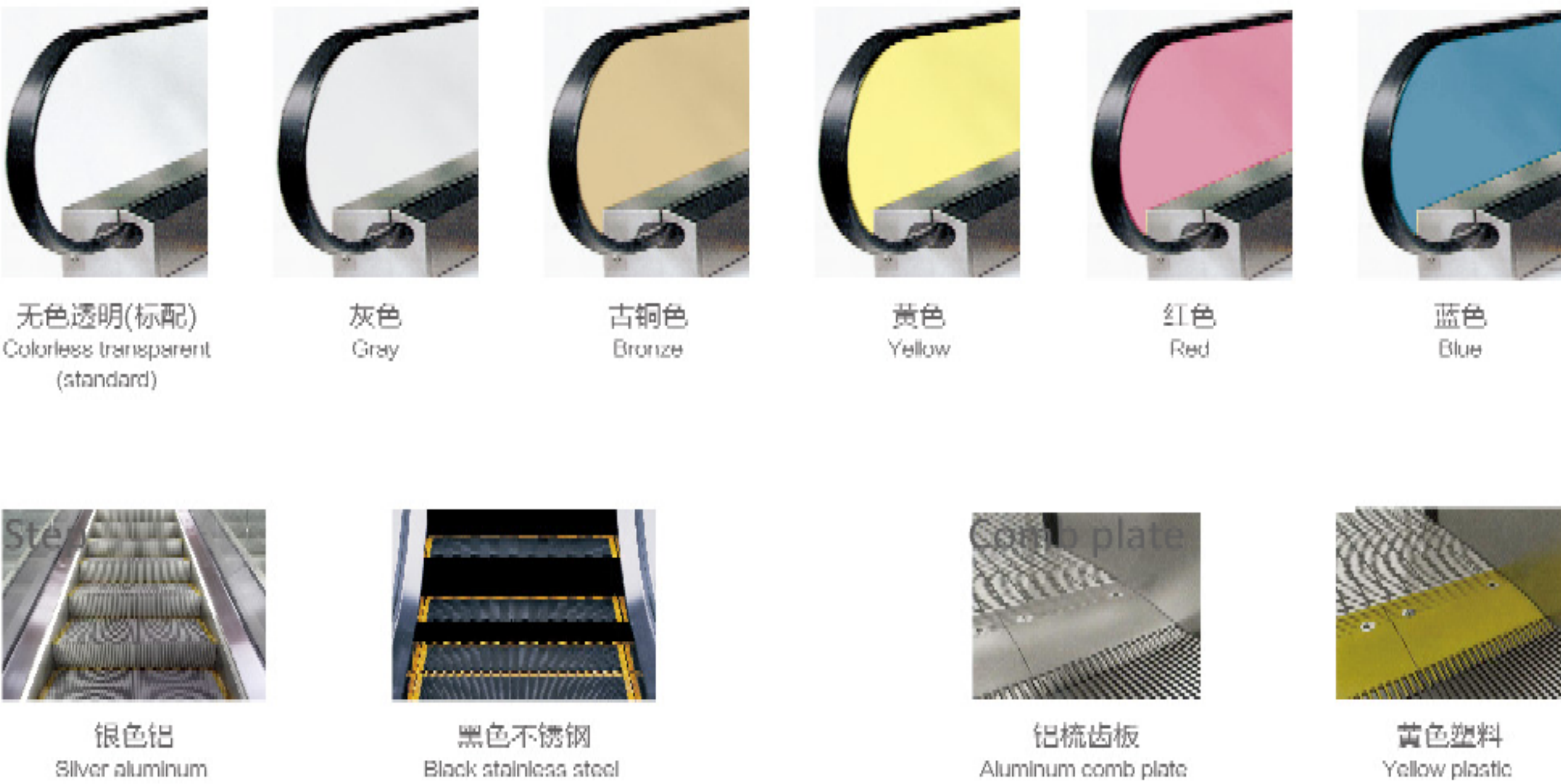
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Decorative parts configuration

Handrail Color



Baseboard Color



Function Table

Standard Function

1.缺相、错相保护 Lack of phase, error phase protection	如市电发生缺相或错相, 自动扶梯(自动人行道)将自动停止。 If lack of phase or error phase has been checked out, the escalator (moving walk) will automatically stop the operation.
2.马达超载保护 Motor over-load protection	电流超过额定电流的15%则扶梯自动停止运行。 When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.
3.电气短路保护 Electrical appliance loop protection	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。 It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (moving walk).
4.扶手带入口保护 Handrail inlet protection	当异物被夹在扶手带入口时, 自动扶梯(自动人行道)将自动停止运行。 When some foreign substance has been clipped in the handrail inlet, the escalator (moving walk) will automatically stop the operation.
5.梳齿板安全保护装置 Comb plate safety device	当异物被夹入梳齿时, 自动扶梯(自动人行道)将自动停止运行。 When some foreign substance has been clipped in or between the combs, the escalator (moving walk) will automatically stop the operation.
6.梯级塌陷保护装置 Step sagging protection device	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。 When there is abnormal step bending, the escalator (moving walk) will stop the operation before the stop entering into the comb plate.
7.驱动链断裂保护 Broken drive-chain safety device	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。 When the drive-chain has been over-stretched or it is broken, the escalator (moving walk) will automatically stop the operation.
8.梯级链断裂保护 Broken step chain protection	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。 When the step (plate) chain has been over-stretched or it is broken, the escalator (moving walk) will automatically stop the operation.
9.超速保护 Over-speed protection	当自动扶梯(自动人行道)超速, 将自动停止运行。 When there is over-speed to the escalator (moving walk), it will automatically stop the operation.
10.非操作逆转保护 Direction reversal protection	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。 When it comes the unintentional reversal of the direction of travel, the escalator (moving walk) will automatically stop the operation.
11.警戒线 Security line	黄色合成树脂警戒线位于自动扶梯踏板的前部和两边, 以防止乘客落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涂警戒线)。 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 moving walk offers the selective yellow spray-painted security line.)
12.紧急停止按钮 Emergency stop button	当按下该按钮时, 自动扶梯(自动人行道)将停止运行。 When the button has been pressed down, the escalator (moving walk) will stop the operation.
13.围裙板保护 Skirt panel protection	当异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。 When some foreign substance has been clipped in between the skirt panel and the step, the escalator (moving walk) will automatically stop the operation.
14.制动器保护 Brake protection	当电力不足或任一安全装置动作时, 制动器将通过弹簧力作用使制动功能生效, 使自动扶梯(自动人行道)停止运行。 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 (moving walk) stops the operation.
15.检修安全开关 Safety inspection switch	检修保养时, 防止扶梯启动的安全装置。 It is a safety device to prevent from the escalator starting during the inspection and maintenance.
16.梯级照明 Step illumination	扶梯上下端, 梯级下部要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 Alarm bell starting device	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 Control device for handrail breakage	当扶手带断裂时, 自动扶梯将停止运行。 When the handrail is broken, the escalator will automatically stop the operation.
19.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(不仅限于自动扶梯)。 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.)

选配功能

Optional Function

20.VVVF变频控制技术 VVVF variable frequency energy-saving system	选用频率变频器后, 能有效的降低能源消耗。 When chooses the frequency converter, it can effectively reduce the energy consumption.
21.梳齿照明 Comb illumination	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自动扶梯。 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 the escalator.
22.扶手照明 Handrail illumination	扶手照明安装在扶手支架内, 柔和的光线为运行中的自动扶梯增添了几分灵气。 The handrail illumination has been installed in the handrail frame. The gentle light adds charm to the running escalator.
23.自动启动/停止 Automatic start/stop	位于楼层板附近的红外线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运行, 以节约能耗。 The infrared ray sensor which is near the floor plate can detect the passenger that enter into the floor plate. Then it will automatically start the operation. After all the passengers leave, it will automatically stop the operation again in order to save the energy loss. Scanning sensor and traditional guide rod are available for your choice.

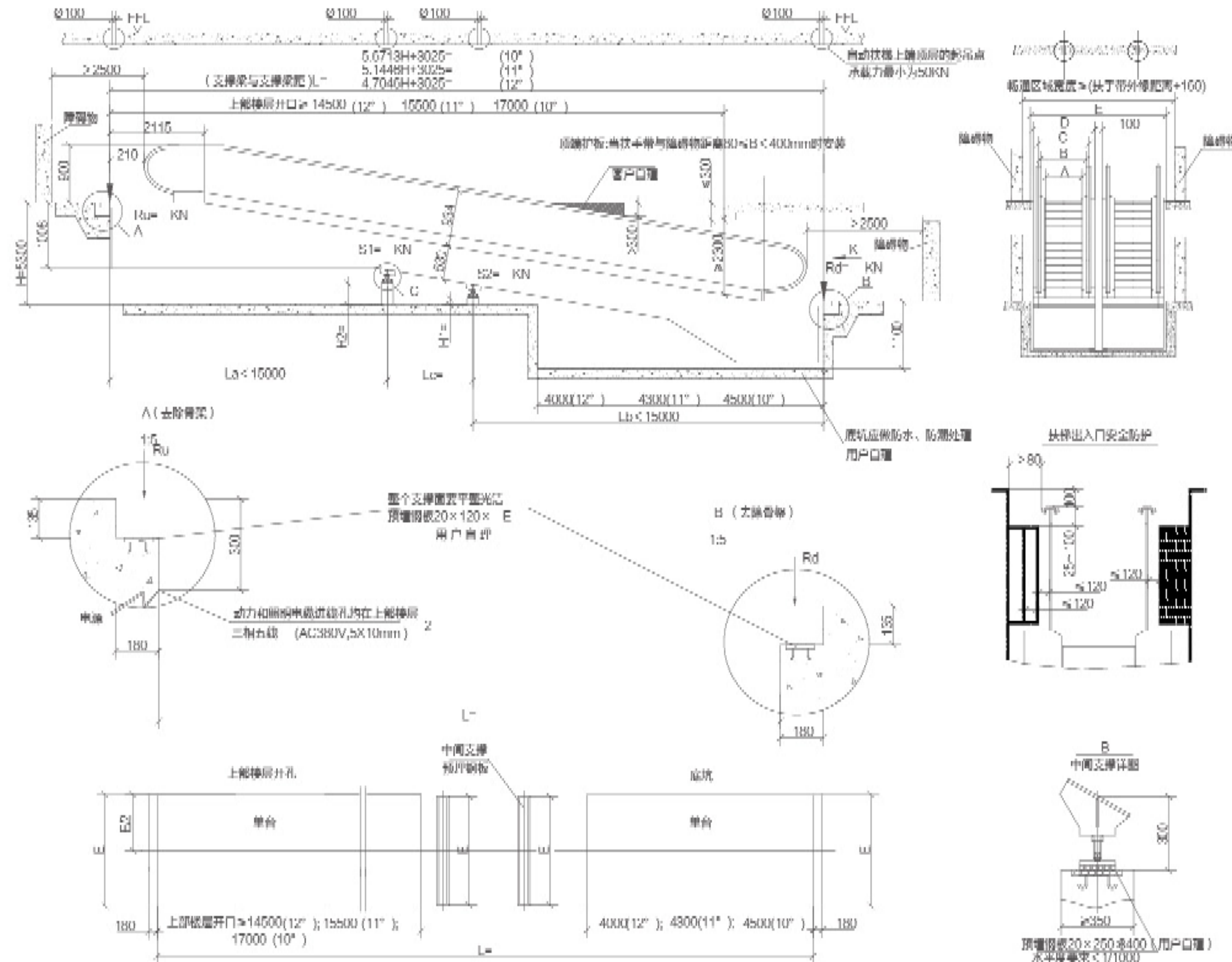


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TR1000/0.5-10°/11°/12°

TR1000/0.5-10°/11°/12° construction sketch



TR1000/0.5-10°/11°/12° 参数表

TR1000/0.5-10°/11°/12° parameter table

1000		1000		1158	1238	1600	3400
800		800		958	1038	1400	3000
扶梯宽度		A		B	C	D	E
提升高度		中间支撑		La(mm)	Lb(mm)		Lc(mm)
从	至	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)×0.1763-840				H1=H2-(Lc×0.1763)		
11°	H2=H-(La-2055)×0.1944-840				H1=H2-(Lc×0.1944)		
12°	H2=H-(La-2115)×0.2126-840				H1=H2-(Lc×0.2126)		
梯级宽度 (mm)		提升高度 (mm)		速度 (m/s)	公称输送容量 (人/h)	倾斜度 (°)	曳引机功率 (kW)
800		1000-3800 3800-6000		0.5	4800	10,11,12	7.5 11
1000		1000-3000 3000-4800 4800-6000		0.5	6000	10,11,12	7.5 11 15

说明

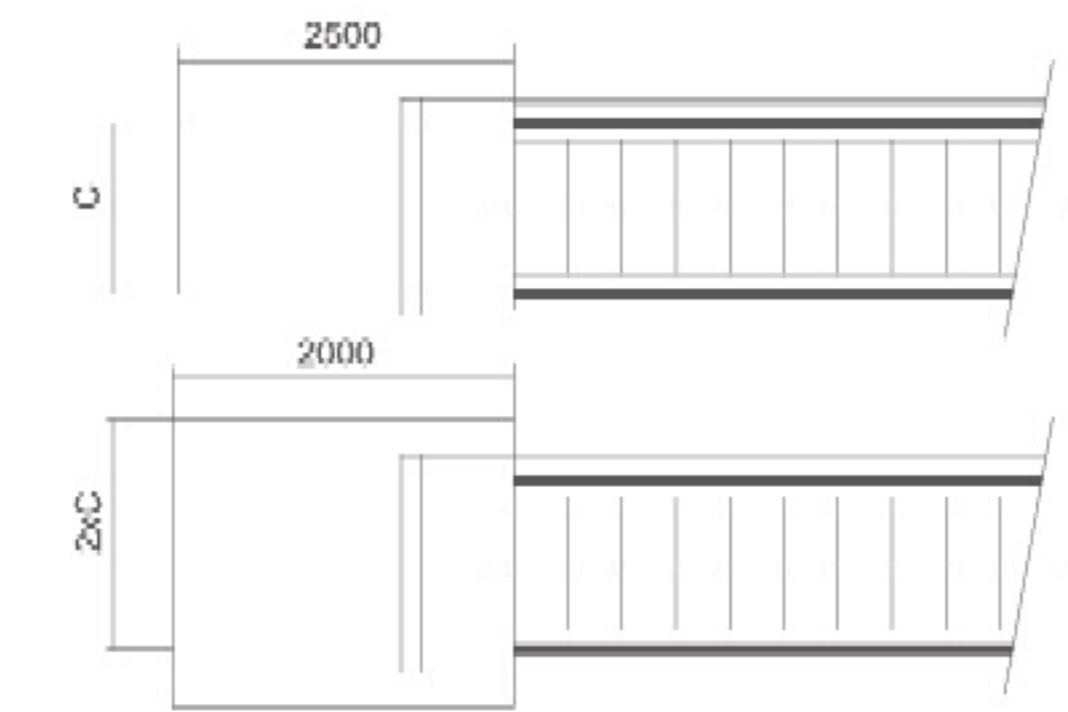
1. 当扶梯安装于二楼以上时地坑取消，土建下部结构与上部对称，如有地坑，应防水处理，用户自理。
2. 自动扶梯上下出入口应有充分畅通区域，宽度至少等于扶手带中心线间距，纵深尺寸从扶手带转向端到前障碍不小于2500。
3. 自动扶梯扶手带到任何障碍物不小于80。
4. 电机AC380V 50HZ电机功率见表。
5. 由用户提供一电阻小于4欧姆接地装置。
6. 由用户提供扶梯主开关的动力电源要求三相五线。
7. 所有尺寸单位用毫米，如有变化另行通知。
8. 所有安全围栏的高度大于(扶手高度+100)。

Installation notes

As Well as complying with the drawing of the contract, attention should also be drawn to the following

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

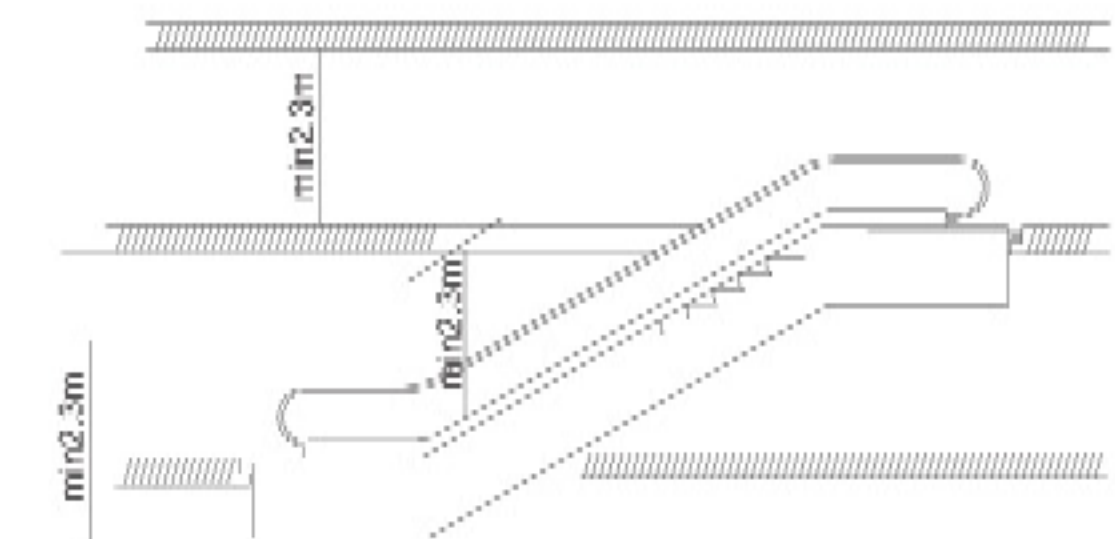
C = the distance of the handrails



Vertical safety distance

There should be at least 2.3m uside safety distance starting upward from the step board.

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



Escalators and movingwalk horizontal safety distance

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

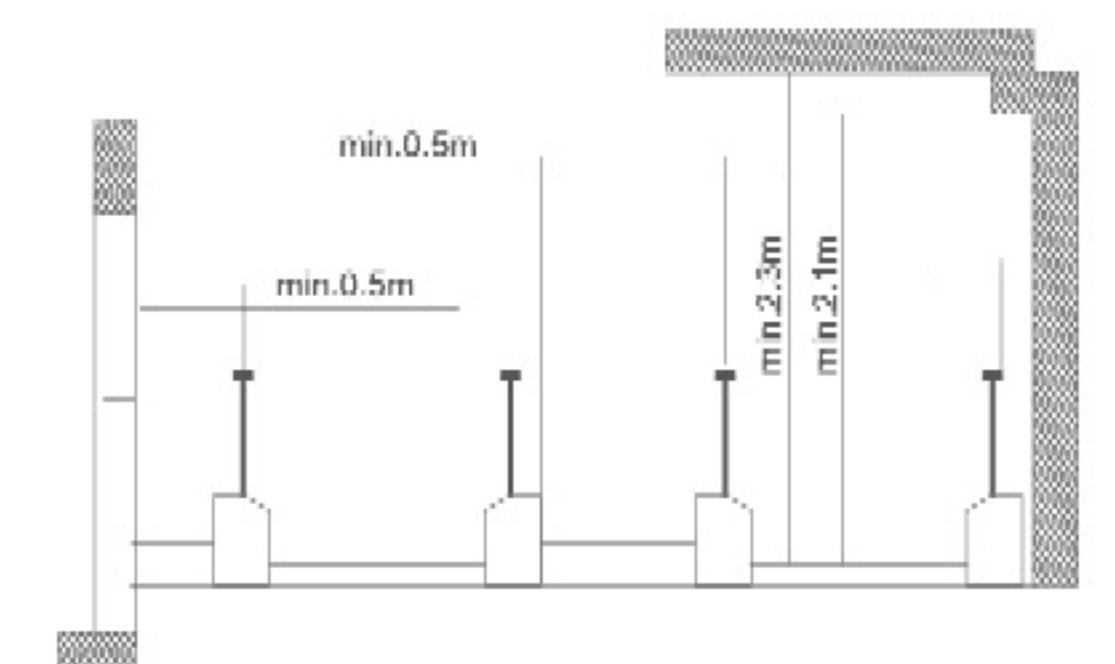
The vertical distance above the step board should be more than 2.3m.

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 device and a bumper rail should be sued.

for further information please contact Adm Vertical specialists, Inc.





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Five-heart concept



Reliable: the full-life-cycle service

GENERAL Elevator can provide the full-life-cycle that includes the design, production, installation, sale and after-sale service. Hence, the one-stop solution is quite reliable for our customers.



Reassuring: advanced internet of things

The advance internet of things has been introduced. By monitoring the elevator operation on a real-time basis, it can remove the fault in advance and thus avoid the accident. It can make you reassured.



Dedicated: excellent maintenance-repair team

Our maintenance-repair has received the strict training and thus acquired the professional skills and rich experience. The team can provide the safe and considerate service for our customers with dedication.



Considerate: 24-hour service hotline

The 24-hour service hotline has been offered. With the 365-day emergency disposal system, we can provide the professional, rapid and considerate services of consulting maintenance and repair for those customers all over.



Trustworthy: Huge service network

Through the huge service network in China, our professional team can provide the most professional service and support for those customers in all cities.