

XIO LIFT 西奥电梯
提升中国的力量

(Exclusive Partner - Singapore)

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XIOASSIST (24/7 EMERGENCY)

6536-5488



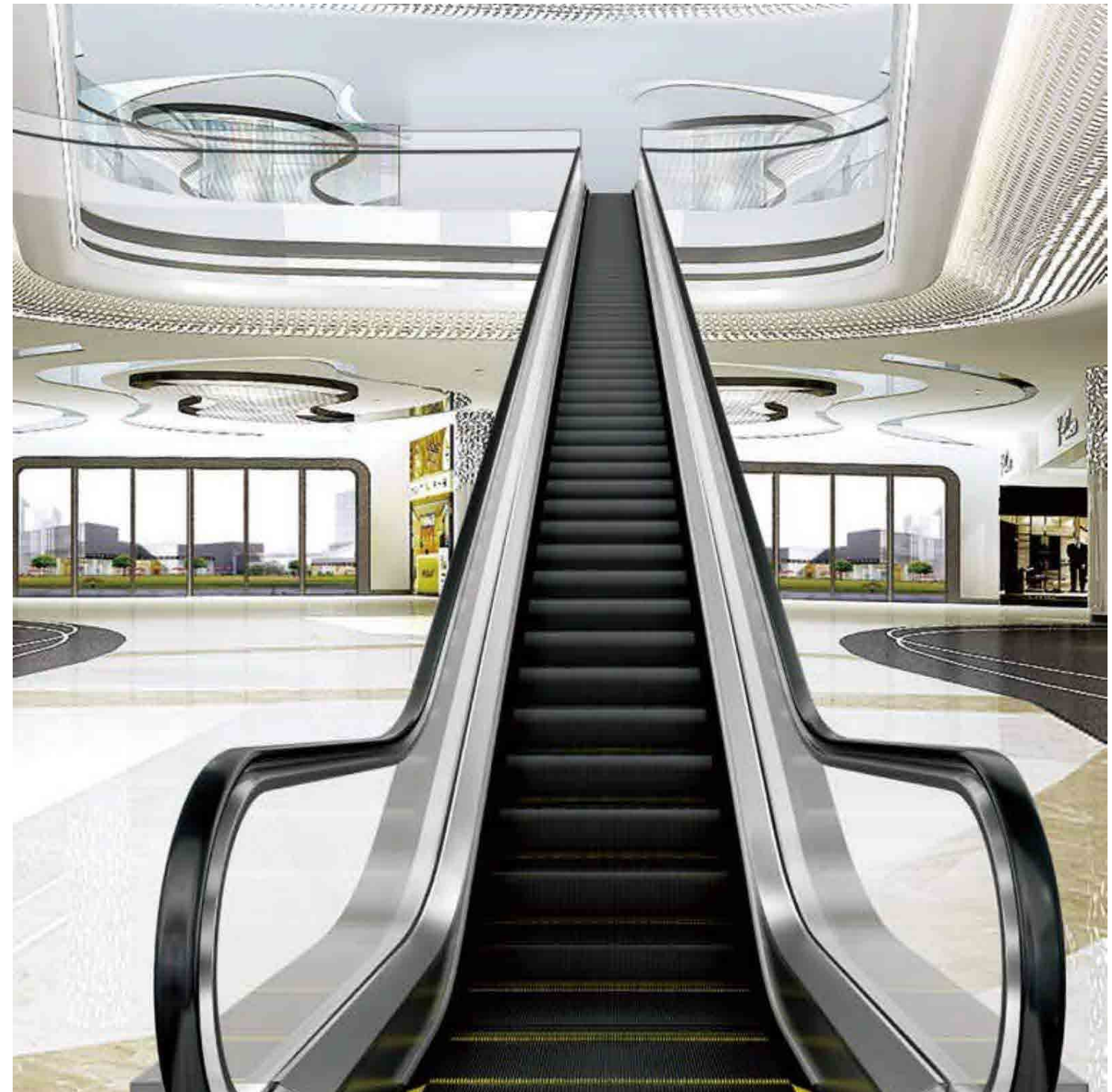
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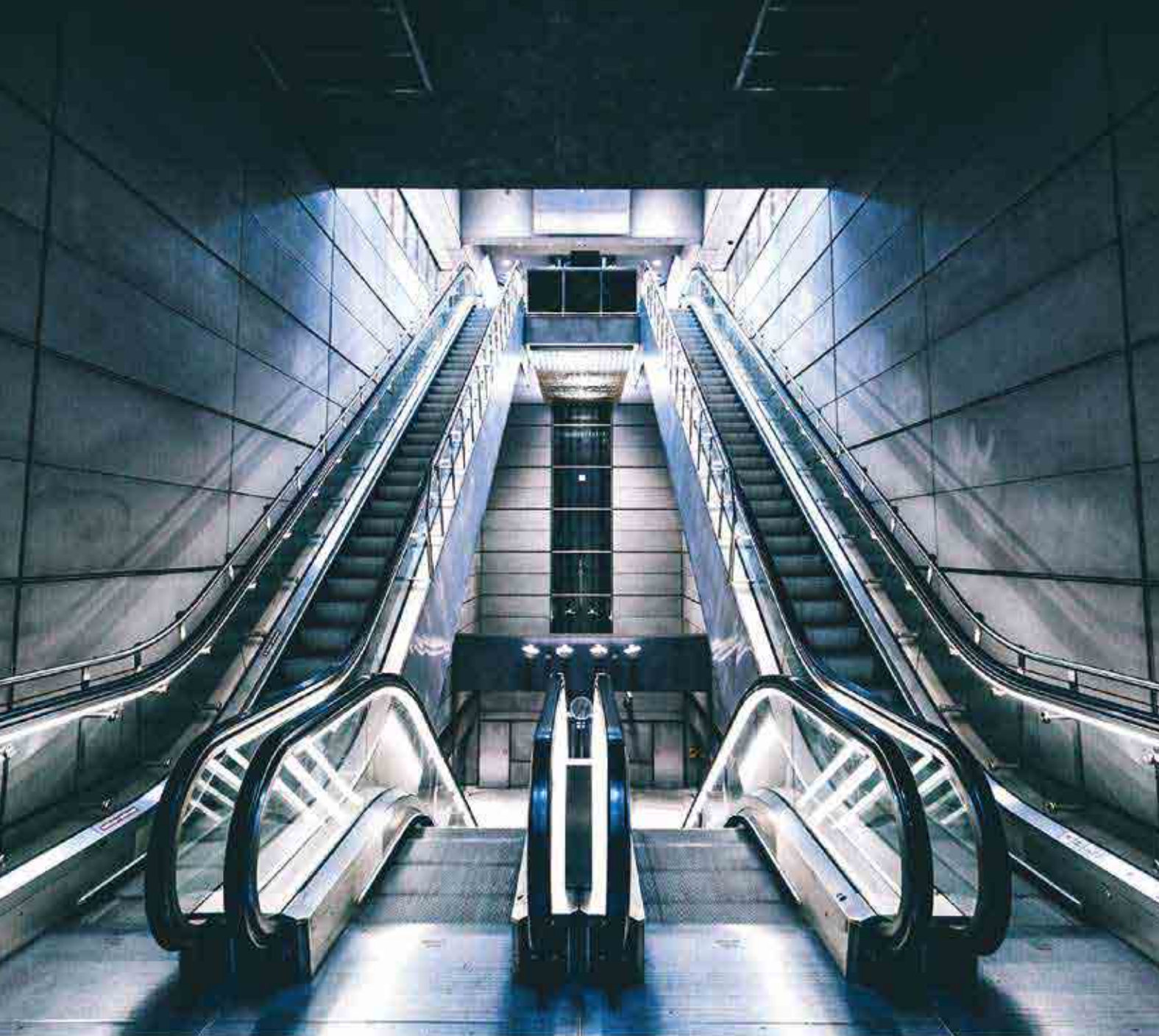
The technical parameters, specifications and graphics of this product in this brochure reflect the technical characteristic and configuration of the elevator model when the deadline is closed (see the back cover version number). We reserve the right to change the product's technical parameters, selection and color at any time. This brochure only provides general information, not as a contract document, the specific configuration parameters to the formal contracts shall prevail.

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COMMERCIAL ESCALATOR
XO-TOF





LEADING | provide you with the best solution



XO-TOF commercial escalator

XIOLIFT dedicates to creating a harmonious living space, adhering to “Green, Quality, Safe” brand concept, lets you travel forward safely.

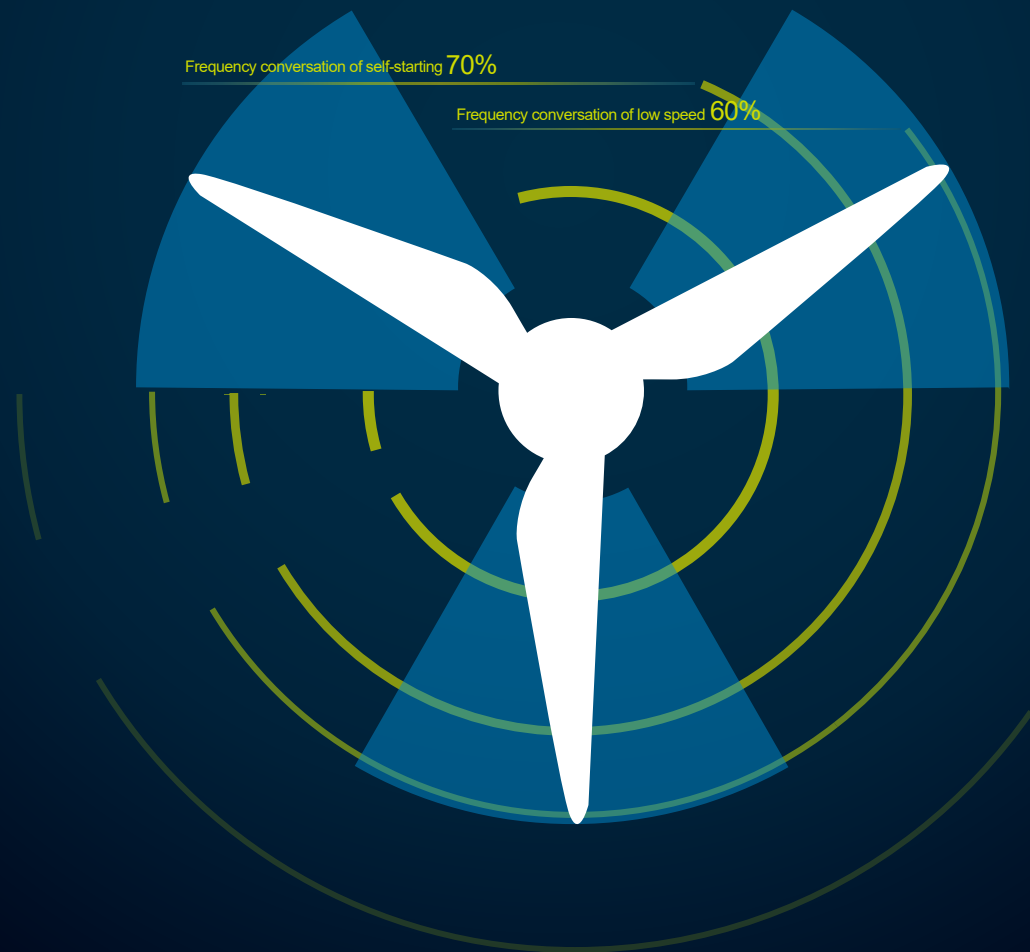


Scan to view
electronic sample

XIOLIFT possesses XO-TOF escalators series, which are applied at mall, airport, railway station and so on, mixed with series values of energy saving, security, humanized, leading you a safe and comfortable travelling.

ENERGY SAVING

Science & technology for energy saving to be green life



Energy saving operation projects use frequency conversion control technology to make escalator operation for many modes to save energy at the no load situation, the energy saving efficiency of no load up to 80%, create new height for architecture energy saving.

• Frequency conversation of low speed (public escalator standard)

Escalator operates steadily with frequency conversation, if there is no passenger in designed period, it would slow the speed, and the energy saving efficiency above 60%.

60%



• Frequency conversation of auto start (optional)

If there is no passenger at the escalator, then it would slow down the speed for certain time and then stop, when entrance light eyes detect passengers coming, then the escalator restarts, the energy saving efficiency above 70%.

70%



SECURITY

Comprehensive and reliable security system to protect passengers



XIOLIFT'S escalator are serviced at all kinds of environment and working situations, its fabulous safe function and steady operation system go through the strict market test and recognized widely by market. We research industry standard and pursue new breakthrough and promotion, provide more beneficial assurance.

Solid whole sealed Rectangle tube truss



The solidest truss in industry.

Improve the feeling of comfortable and steady.

Whole sealed structure makes truss inside antiseptic and antirust.

High strength step



Using cross-alveolar design to prevent a gap between adjacent rungs, to eliminate security risk exist.

Yellow demarcation lines are marked at the side of steps to remind passengers awareness.

The main drive chain tensioner protection device

When the main drive chain breaking or unusually deforming, down level tensioning rack safety switch will start the automatic sidewalk stops running.



Step missing protection device

Stair board rotation place is set of sensor, when stair board loss, escalator stops.



Fan cover opening safe protection device

When the fan cover is opened, the escalator stops.



Step chain broken protection device

When the step chain is breaking or becoming loose, Moving walkway will stop running.



Main drive speed testing protection

Main plate judges the moving speed whether stay normal or reversing according to testing signal from testing part, escalator stops when the speed is abnormal.



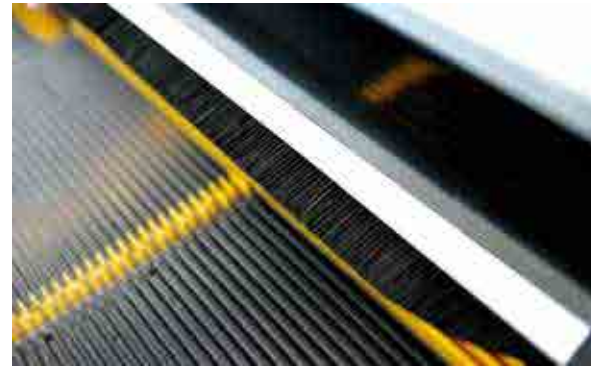
Brake opening testing device

Escalator will stop and give alarm if brake isn't opened when escalator is operating; if break is open when escalator stops, alarm rings.



Skirt panel brush protection

It is at both sides of skirt panel to protect passengers' cloth pressed between skirt panel and step side to keep passengers safe.



Handrail

Major designed, fashion and durable self distinguishing hand belt is set flexibly according to different surrounding and has static eliminating device.



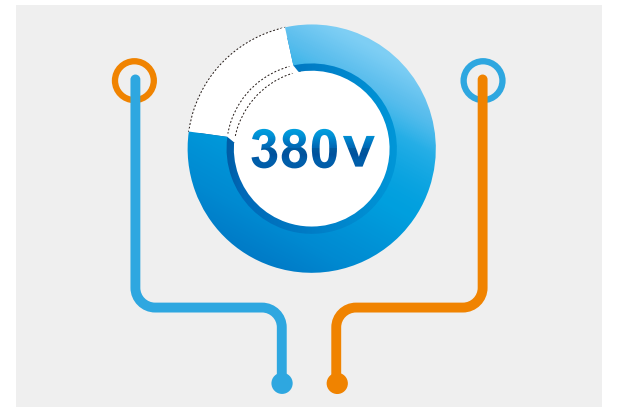
Handrail entrance protection device

When substance is pressed at the handrail entrance, the escalator stops.



Phase failure and error protection device

When phase failure and error happens, escalator stops.



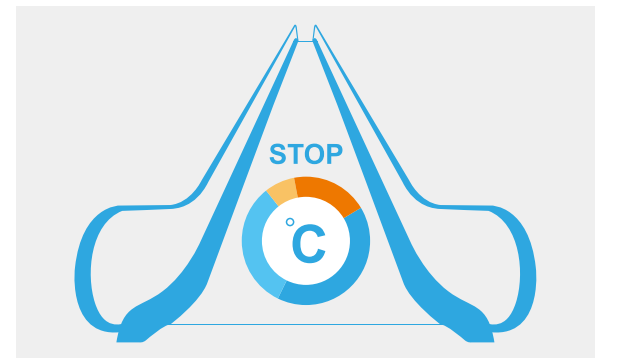
Comb safety protection device

When substance is pressed between comb and step board, escalator stops.



Motor driven overload and overheat protection

When main motor is over setting heat, escalator stops.



HUMANIZED

Stylish, Beautiful clear design for your heart

REMINDE
CLEARLY

PROMOTE
PRETTY

We provide several types of humanized projects, not only remind passengers clearly, also prevent accidents, and promote the pretty of escalators.

Fashion Individual Handrail

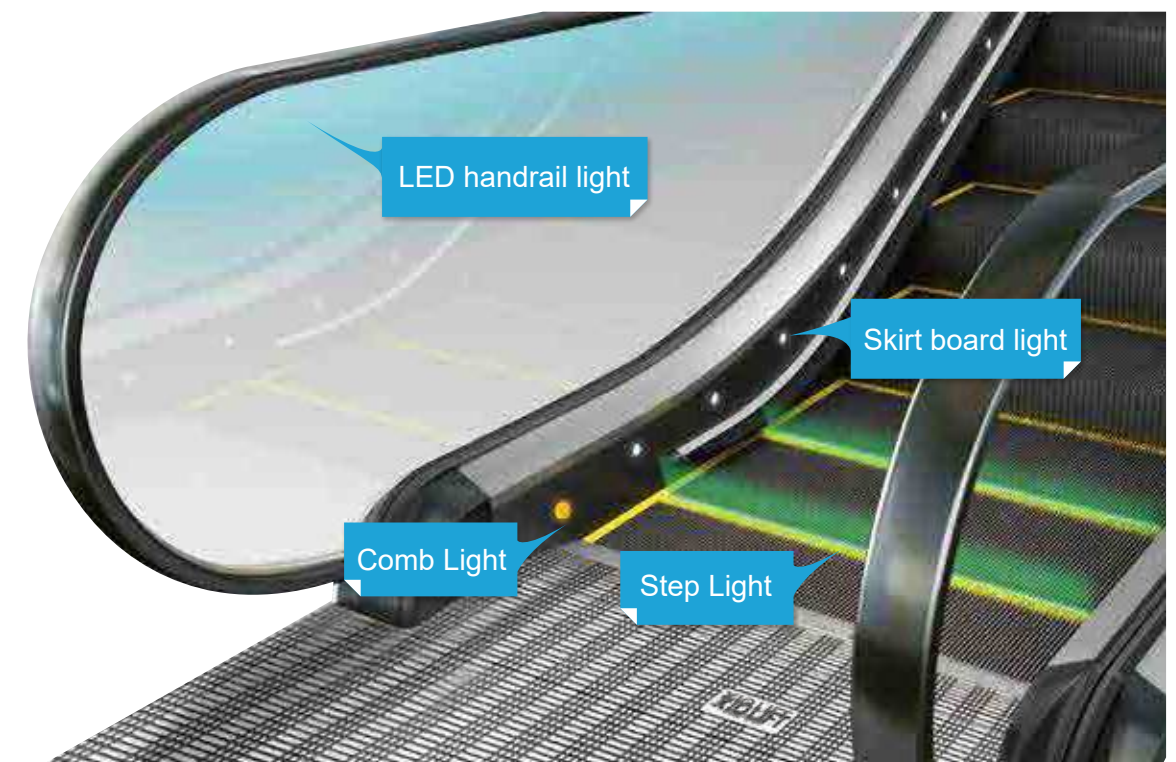


Handrail with strong anti-broken, solid and durable.

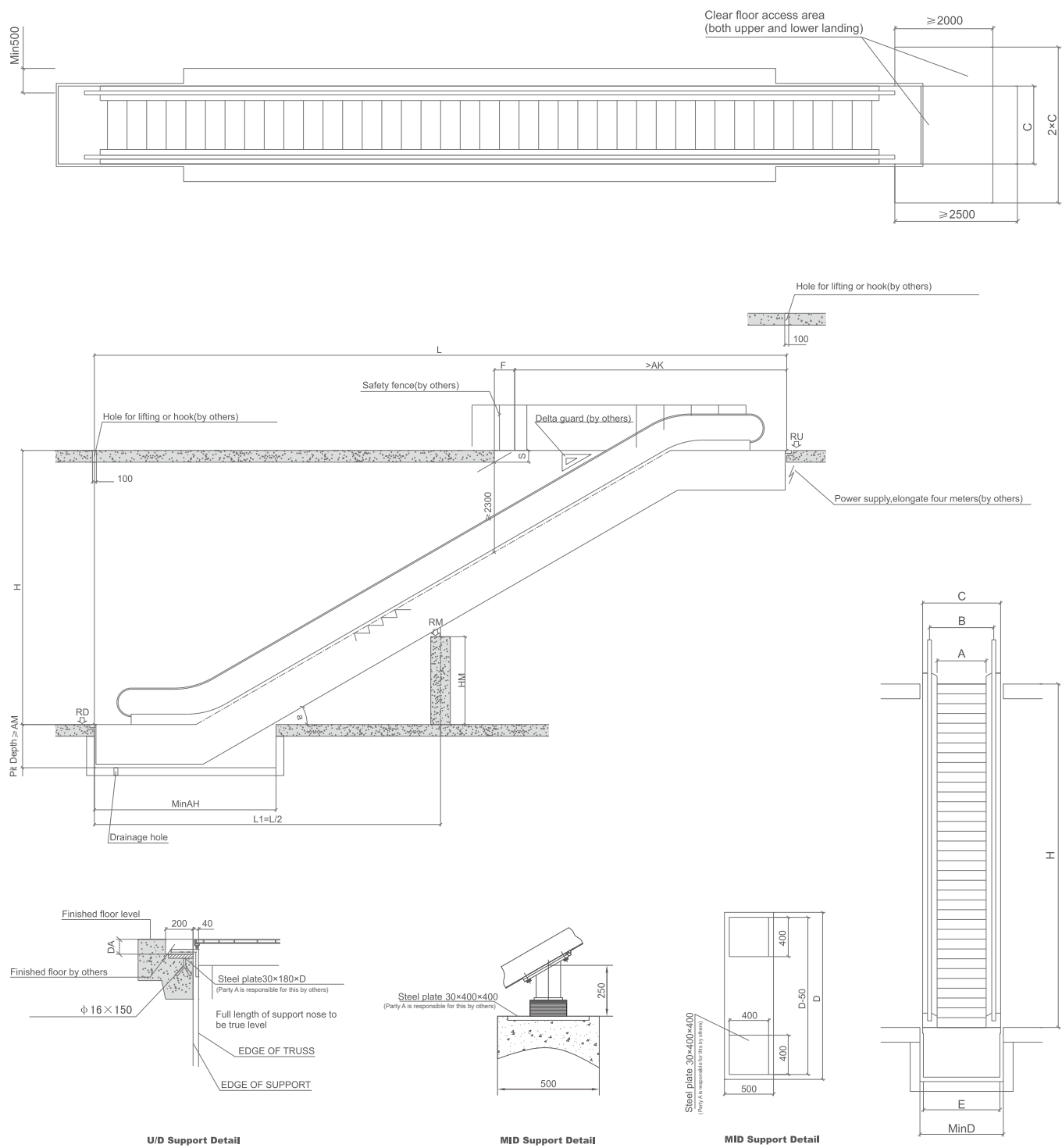
Inflaming retarding material prevent fire spreading.

Static removing setting avoids static.

Humanized Light Design

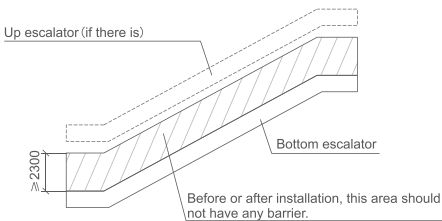


Escalator Layout



The work that needs to be done by owner and builder

- This drawing is fit for the products with rise $3\text{m} \leq H \leq 11.5\text{m}$, the permitted tolerance for rise is $-15\text{mm} \sim +15\text{mm}$; The permitted tolerance for level length is $0 \sim +15\text{mm}$.
- When the level length $L > 15.3\text{m}$, the intermediate support base is needed.
- Before installation, all holes have to be enclosed with the safety guard which height is not less than 1.2m and guarantee the strength is enough.
- After finish installation, the owner should consider to set safety guard rail around the escalator.
- The pit should be water-proof, and the location of plash should be set at the corner.
- The pit drain hole should be connected with the drainage system, the work should be done by others.
- According to the requirement of technical data, the power supply with safety switch is set at the machine room. The fluctuation of voltage should not more than $\pm 7\%$. The zero line and ground line should be separated and the ground resistance is not more than 4Ω .
- Use 10mm^2 soft line as the power input cable, done by others.
- When the space between handrail center line and other barrier is less than 500mm, a guard plate without sharp edge should be set above outer deck plate, and the height should not less than 300mm.
- If there is any special requirement, the contract should be made after approved by the company technical department.



Note: If the escalator is up and bottom arrangement, it is required to have 2300mm clear space above the bottom escalator. Refer to the dash area in the left. Any questions, pls contact management layout technology department.

Angle (a)	Speed (m/s)	Height (mm)	Flat steps	Step Width A (mm)	Span L (mm)	Other Dimensions (mm)								Support Force (kN)			Pit Depth AM(mm)	DA(mm)	
						AH	AK	B	C	D	E	F	RU	RD	RM Middle Support				
35°	0.5	3000≤H≤6000	2	600	1,428H+5260	4060	6305	837	1130	1240	1100	1,428S	3,76L+18	3,76L+12	/	Standard Configuration For Indoor, Outdoor model A	1103	Standard Configuration Without Shock absorbing rubber	
				800	1,428H+4760		5805	1037	1330	1440	1300		4,41L+15	4,41L+9	/				
				1000	1,428H+4760		5805	1237	1530	1640	1500		5,11L+13	5,11L+5	/				
		3000≤H≤6000	2	600	1,732H+5132	4240	7050	837	1130	1240	1100	1,732S	3,66L+27	3,66L+22	/				
				800	1,732H+4632		6550	1037	1330	1440	1300		1,73L+11.8	1,73L+6	5,56L+4.6				
				1000	1,732H+4632		6550	1237	1530	1640	1500		4,31L+18	4,31L+10	/				
30°	0.5	6000<H≤10000	3	600	1,732H+6065	4640	7450	837	1130	1240	1100	1,732S	4,96L+17	4,96L+10	/	For Outdoor model B/C with Oil separator	1353	With Shock absorbing rubber	
				800	1,732H+5565		6950	1037	1330	1440	1300		3,66L+27	3,66L+22	/				
				1000	1,732H+5565		6950	1237	1530	1640	1500		1,73L+11.8	1,73L+6	5,56L+4.6				
		10000<H≤11500	3	1000	1,732H+5865	4640	7250	1237	1590	1700	1560	1,732S	4,31L+18	4,31L+10	/				
				800	1,732H+5565		6950	1037	1330	1440	1300		2,02L+13.2	2,02L+6.8	6,33L+4.8				
				1000	1,732H+5565		6950	1237	1530	1640	1500		4,96L+17	4,96L+10	/				

NOTE: DO NOT SCALE THIS DRAWING, UNLESS OTHERWISE STATED.
IF CHOOSING MODEL C, YOU NEED ADDITIONAL INCREASE 300mm for L & AK