



Scanner le code bidimensionnel,
suivre le site de l'ascenseur Hanson



PUBLIC TRAFFIC TYPE ESCALATOR

We keep innovating and improving,
we exert ourselves to make progress and
provide reliable multiple products
and services.



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All the information in this catalogue is only for reference. Hanson Elevator reserves the right to alter product design
and specification. Specifications subject to change without notice.

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HANSON LIFT (SUZHOU) CO., LTD.



Brief Introduction About The company

Hanson Lift (Suzhou) Co., Ltd. We introduced brand and technology from Hanson Lift (UK) Co., Ltd. We keep innovating and improving, we exert ourselves to make progress and provide reliable multiple products and services.

Hanson stresses on keeping introducing and developing which based on market orientation and quality and services and driven by innovation. Our plant occupied a floor of 33500 square meters including a 20000 square meters workshop and a 100 meters testing tower, we have many experts in researching and administration. We insist on customer-oriented principles and improving sales, installation, services system. We use advanced manufacture and equipments and professional support to make sure of high quality of products.

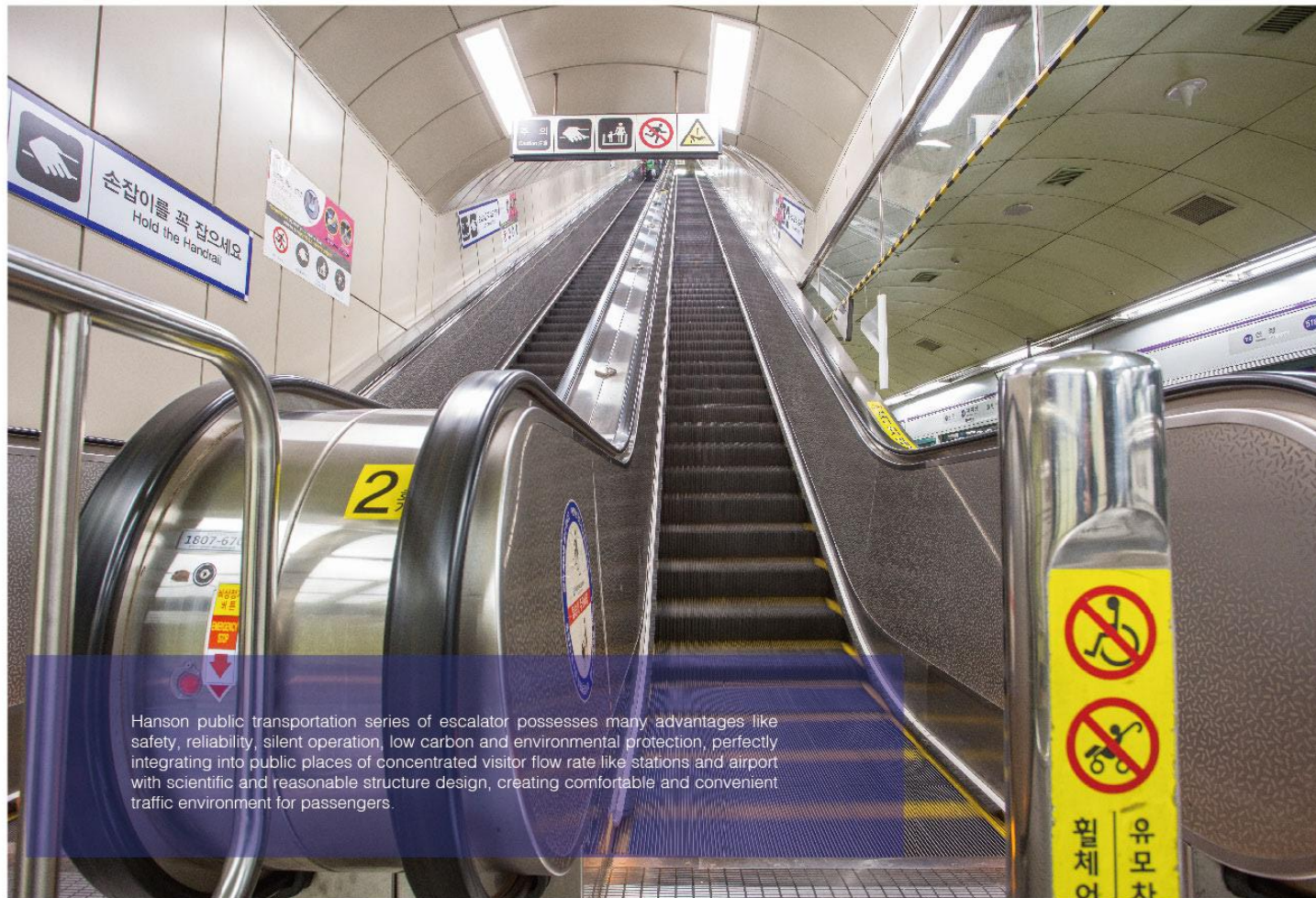
Hanson faces to international and domestic market, strives to realize enterprise management and connection with international market, develops towards green and environmental friendly elevator with energy conservation, low pollution, low noise, and long service life, we provide elevator products with superior quality for global users.

Powerful loading transportation contributing to urban communication

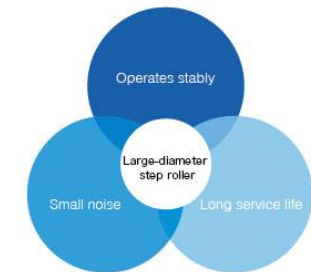


Steel pioneer, sturdy and durable

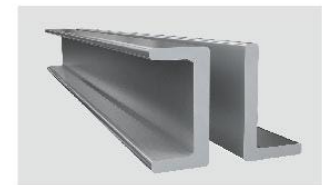
- Truss adopts angle iron with unique structure with high strength, thorough antiseptic treatment, excellent effect and long service life.
- The overall design is concise and smooth and compatible.
- Advanced international craftsmanship ensures the accuracy of step running.
- The large size diameter of step roller with stable running, low noise and long service life.



Hanson public transportation series of escalator possesses many advantages like safety, reliability, silent operation, low carbon and environmental protection, perfectly integrating into public places of concentrated visitor flow rate like stations and airport with scientific and reasonable structure design, creating comfortable and convenient traffic environment for passengers.



Truss with high strength



Angle iron proximate matter

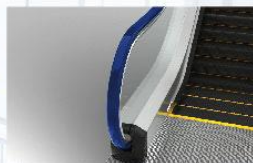
Safety comes first, humanistic design make each travel safe



Be controlled by CPU main board



High precision guiderail



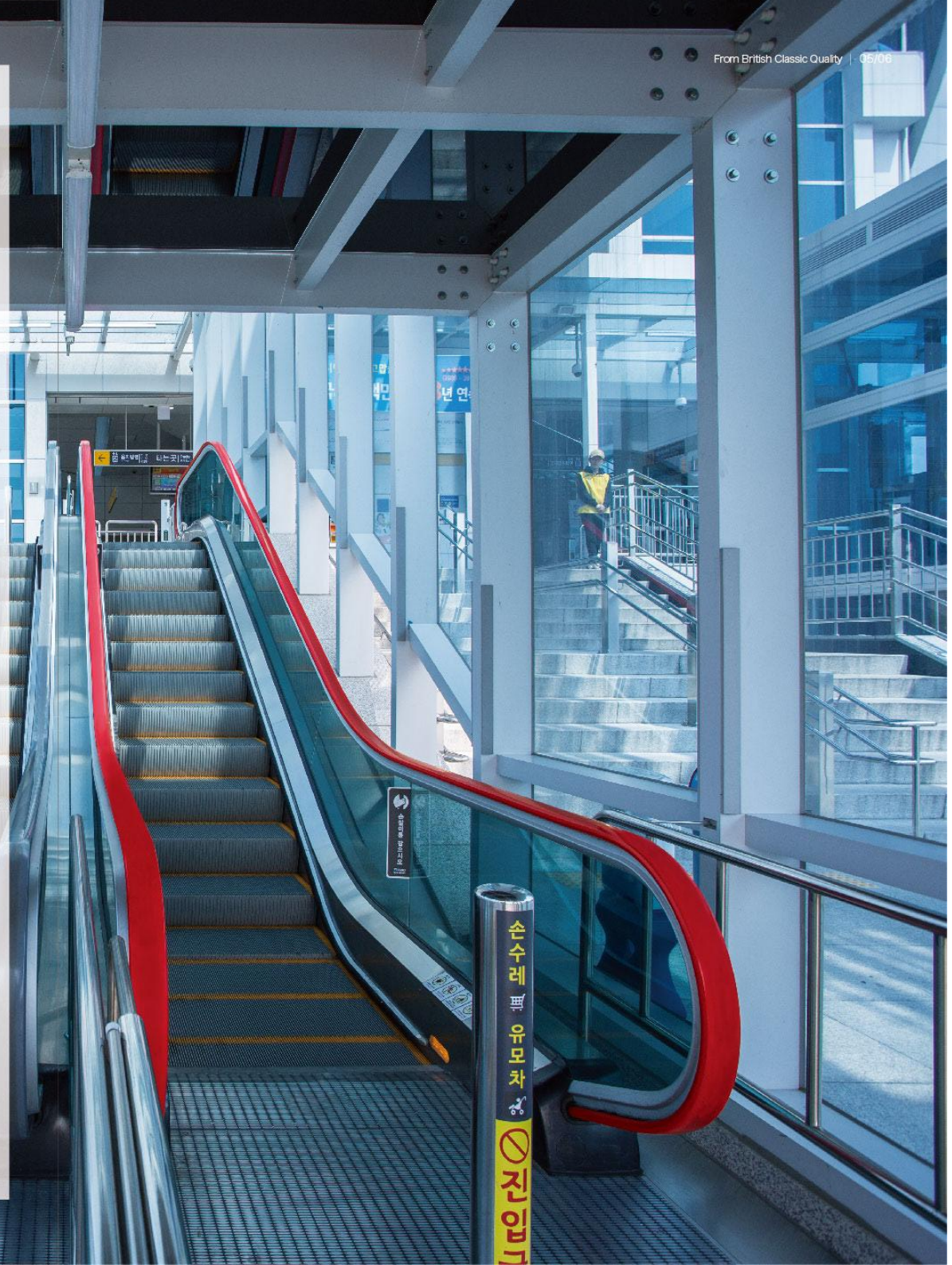
Humanistic handrail entrance

Humanistic design, safety comes first

- Powerful CPU main board can monitor the running operation in real time and stop escalator automatically when something abnormal happened, it can automatic record and display the fault code.
- Unique unilateral U guiderail with high precision mates with superior skirt panel revealing safety philosophy in the detail.
- High precision guiderail system assures the minimum clearance between steps and skirt panel, reduces the danger resulted from foreign materials come into clearance.
- Humanistic handrail entrance is secured by brush.



Quaternary, comprehensive energy-saving scheme.



Energy saving idea, environmental protection pioneer make each travel highly efficient and energy saving

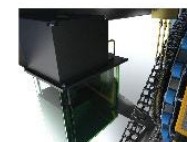
렛 롯데마트
ETS LOTTE Mart

타는 곳
Tracks 乗車 のりば

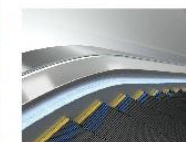


Energy conservation and low consumption, stable running

- Excellent frequency converting control technology, escalator can automatically run in low speed or even stop running under no-load state. When passengers approach, it returns to normal speed. Therefore, energy-saving can be above 60%.
- PLC automatic oil lubricating control system: fulfill the ideal automatic lubricating for driving chains in the process of escalator running and prolong the service life of driving mechanism.
- The roller is placed outsider specially designed to step chain, effectively save site maintenance time.



Automatic lubrication controlled by PLC

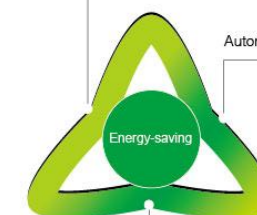


LED illumination



Roller step chain

Superior frequency control technology



Automatic lubrication system

60%_{above}

Energy saving effect can be achieved

Roller step chain

Public traffic escalator, step by step to win provide perfect solution for urban public traffic system

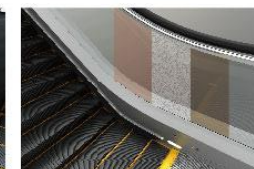
Hanson public traffic escalator integrates perfect functional configuration with flexible appearance design, adopts novel durable materials, and realizes perfect integration with building in spatial planning. Its durable and operational performance can completely satisfy traffic needs of public places like subway, overline bridge, station, and airports, provide perfect solution for creating city's convenient public system.

Aesthetic design, humanistic care

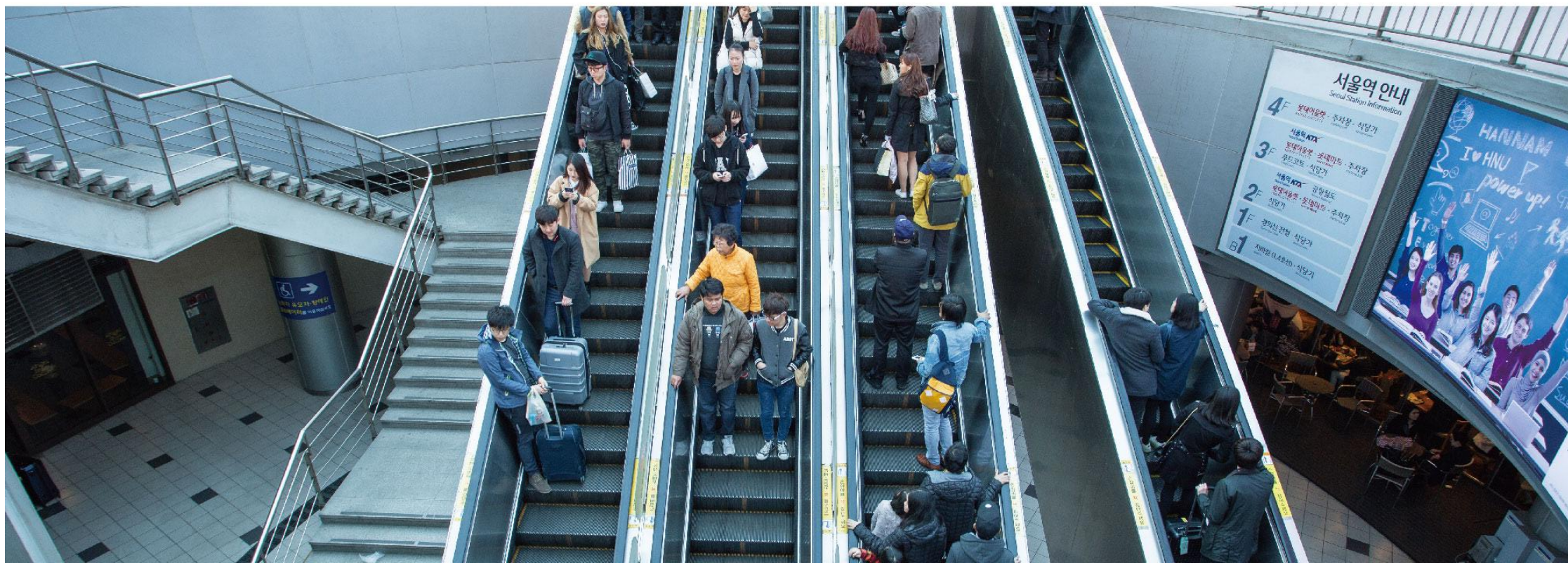
Vertical balustrade and inclined balustrade with multiple colors of handrail and balustrade can be choice, satisfy the diversified demand.



Inclined balustrade



Tempered glass vertical balustrade



Heavy load public traffic escalator, very steady strong carrying capacity, the leader of safety control

Hanson heavy load public traffic series of escalator is customized for public traffic. Its outstanding operation performance and powerful carrying capacity as well as leading safety guarantee can satisfy demand for great passenger flow, long transportation time, provide optimal solution for public traffic places like subway, station and airports.



Frequency converting control

Frequency converting control

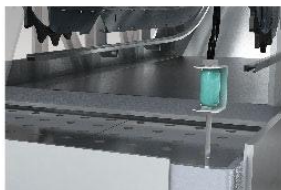
Dual pattern with frequency converting control and star/delta start control guarantees stable operation of heavy load escalator.



Handrail terminal drive

Handrail terminal drive

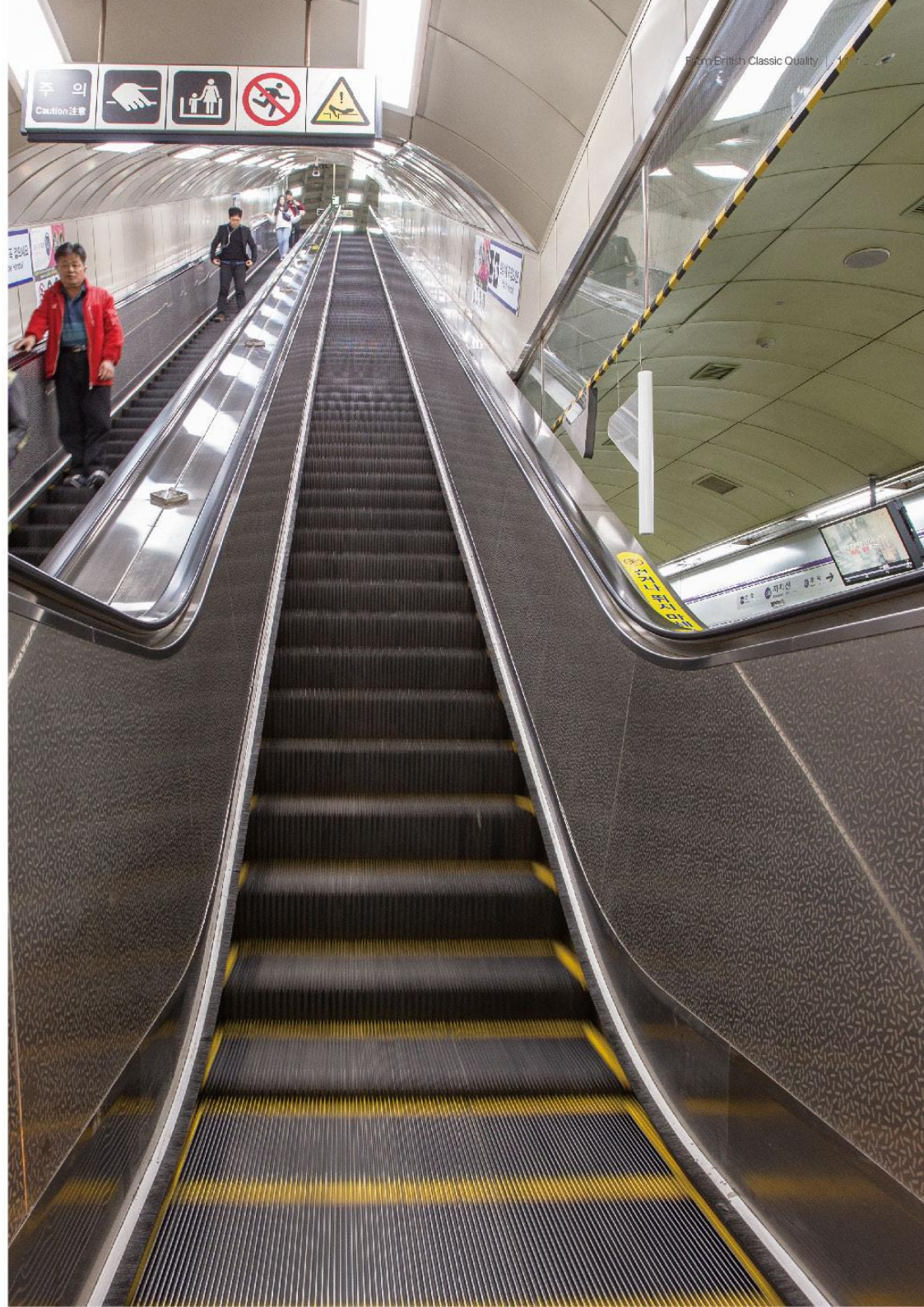
The handrail terminal drive mode adopts second level of transmission, and closes coordination between V-belt and friction wheel to reduce handrail friction coefficient and realize energy saving.



Water level detector is installed
in lower machine
room (outdoor escalator)

Water level detector is installed in lower machine room (outdoor escalator)

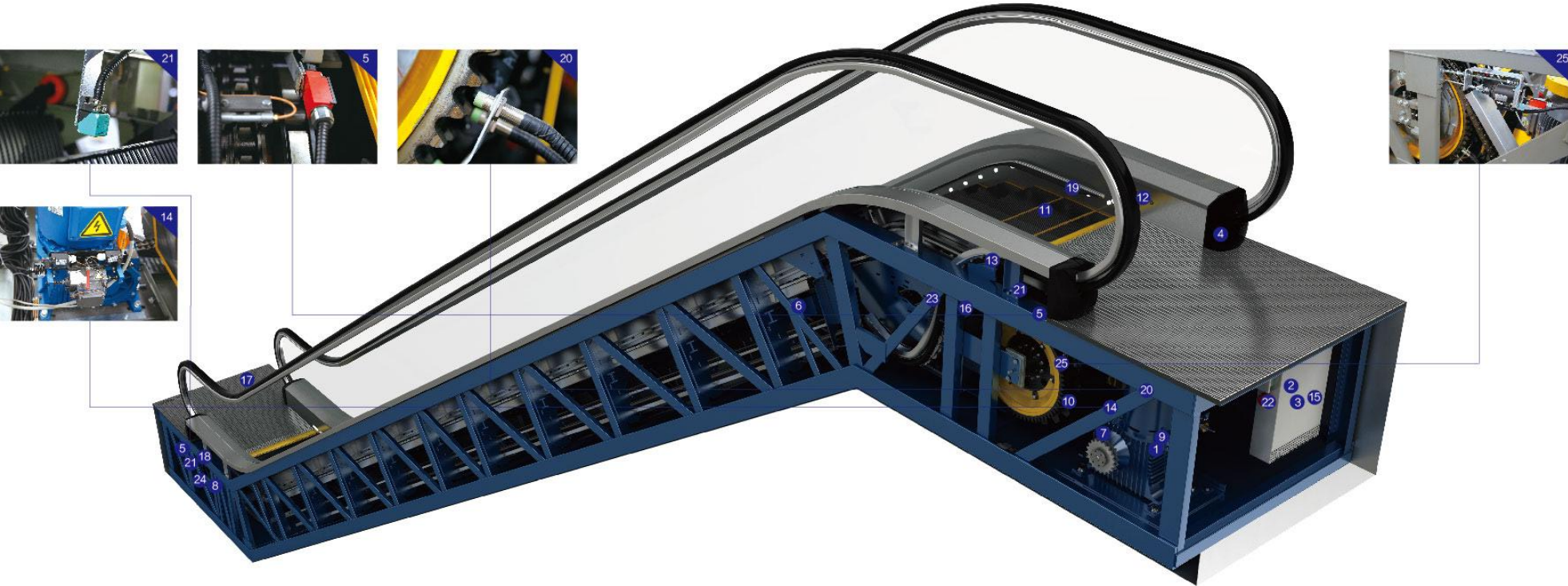
This water level detection sensor can automatically detect water level and find out ponding problem.



Safety device

Standard Safety Device	
1 Lack of Phase, Error Phase Protection	8 Broken Step Chain Protection
2 Motor Over-load Protection	9 Over-speed Protection
3 Electrical Appliance Loop Protection	10 Direction Reversal Protection
4 Handrail Entrance Protection	11 Security Line
5 Comb Plate Safety Device	12 Emergency Stop Button
6 Step Sagging Protection Device	13 Skirt Panel Protection
7 Broken Drive-chain Safety Device	14 Brake Protection

Standard Safety Device	
15 Safety Inspection Switch	19 Skirt Panel Brush
16 Step Illumination	20 Braking Distance Inspection
17 Landing Plate Contact	21 Step Missing Detection
18 Handrail Speed Monitor	
Optional Safety Device	
22 Alarm Bell Starting Device	24 Lower Machine Room Water Level Detection (Outdoor Escalator)
23 Handrail Broken Protection	25 Auxiliary Brake (It Should be Allocated with the Emergency Brake when H>6m)



Exquisite technology, unique design

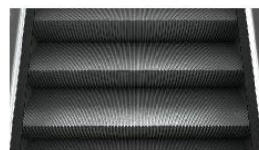


Note: Pictures have been drawn by computer. It might be slightly different from actual colors. Please take real product as criterion.

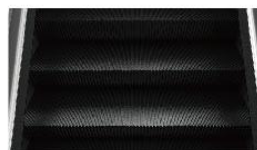
Step



Black Stainless Steel (Standard for Indoor Escalator)



Silver Grey Aluminum Alloy (Standard for Outdoor Escalator)



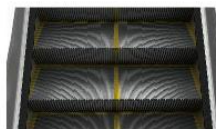
Black Aluminum Alloy (Optional)



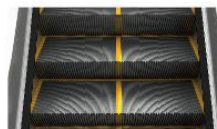
Frame Spraying C-Type (Optional)



Frame Yellow Plastic C-Type (Optional)

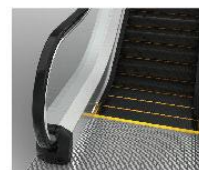


Frame Spraying E-Type (Optional)



Frame Yellow Plastic E-Type (Optional)

Handrail color



Black



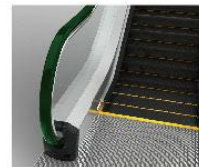
Black with a little white



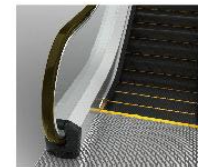
Red



Blue



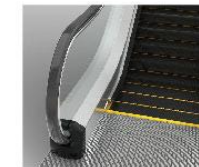
Green



Bronze



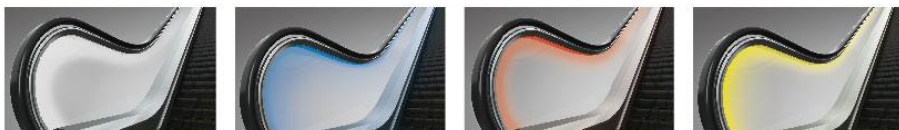
Light brown



Gray

Exquisite technology, unique design

Handrail illumination



White (Optional)

Blue (Optional)

Red (Optional)

Yellow (Optional)

Balustrade color



Colorless transparent (standard)

Gray

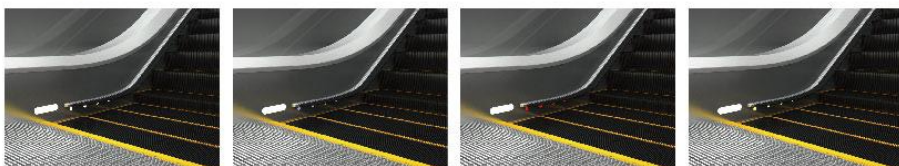
Bronze

Yellow

Red

Blue

Skirt panel illumination



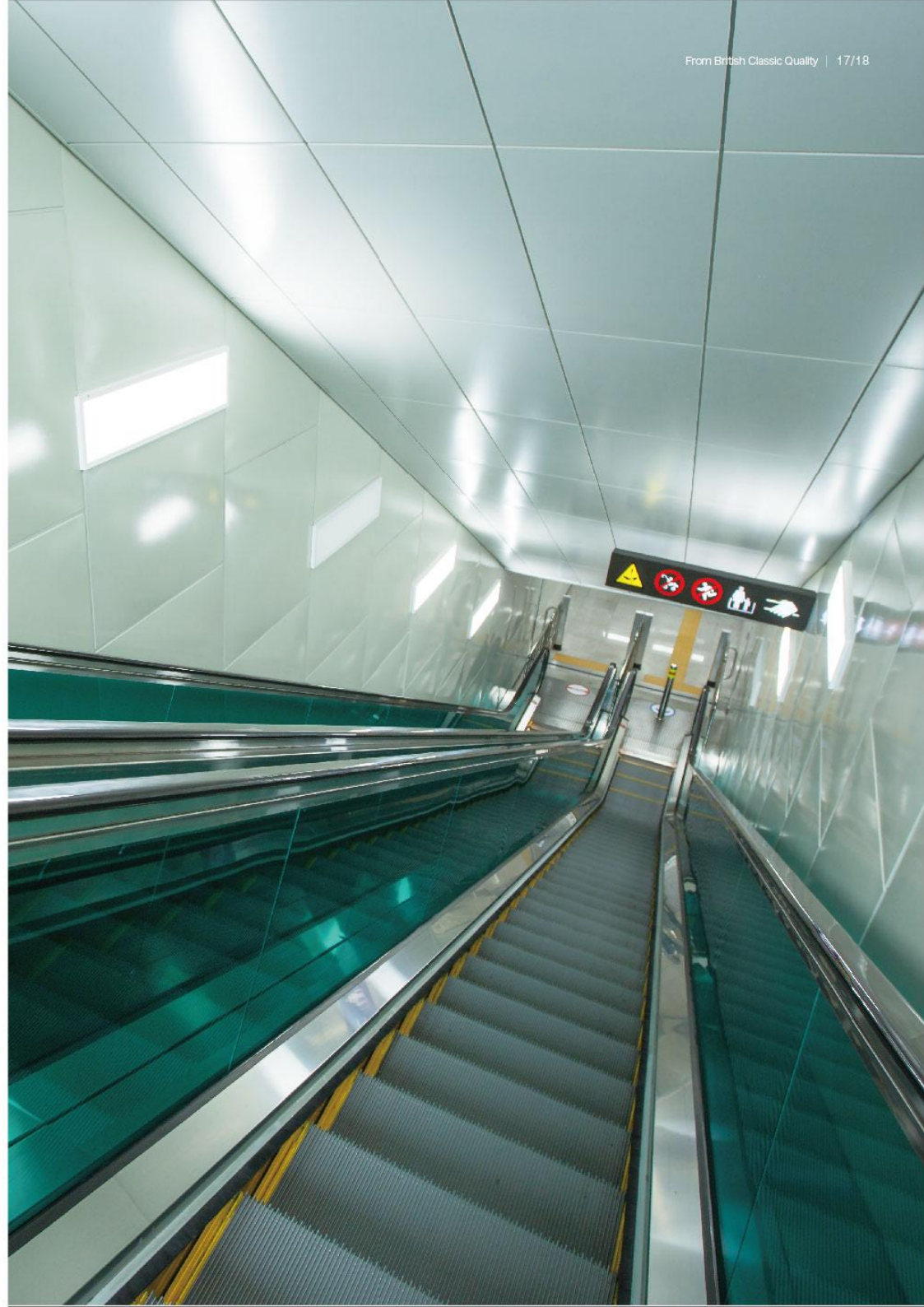
White (Optional)

Blue (Optional)

Red (Optional)

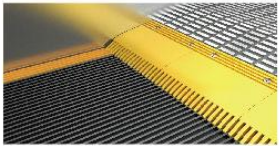
Yellow (Optional)

Note: Pictures have been drawn by computer. It might be slightly different from actual colors. Please take real product as criterion.

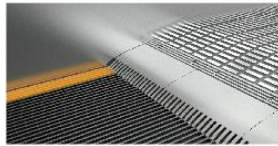


Exquisite technology, unique design

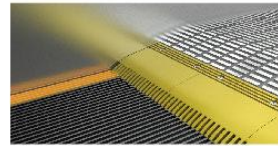
Comb



Yellow Plastic (Standard)



Aluminum (Optional)



Aluminum Surface Yellow Paint (Optional)

Post beam



Stainless steel post beam (Optional)

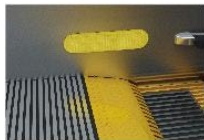


Aluminum post beam (Optional)

Comb lighting



White LED (Optional)



Yellow LED (Optional)

Note: Pictures have been drawn by computer. It might be slightly different from actual colors. Please take real product as criterion.

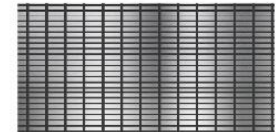
Floor plate



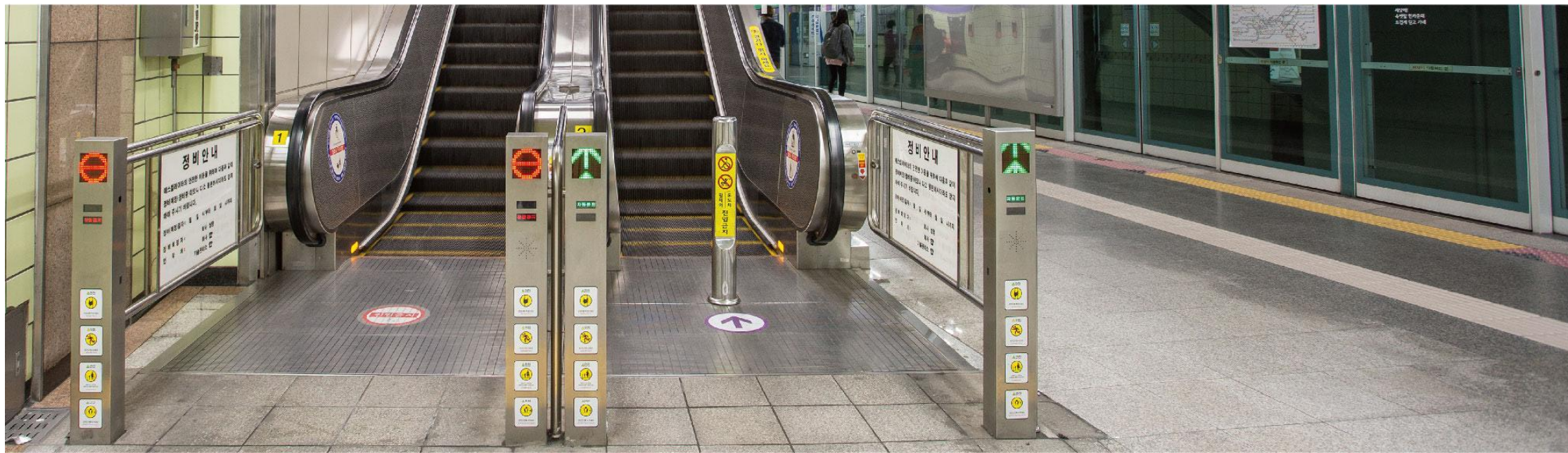
Whole aluminum (Optional)



Stainless Steel Striped Patch (Optional)

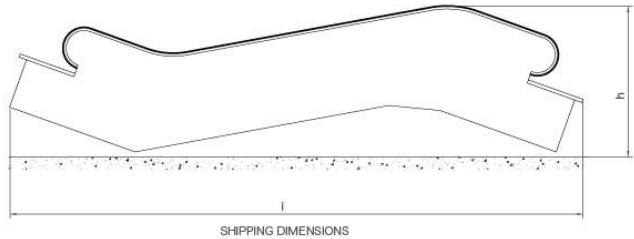
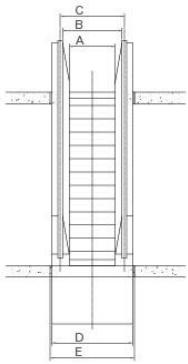
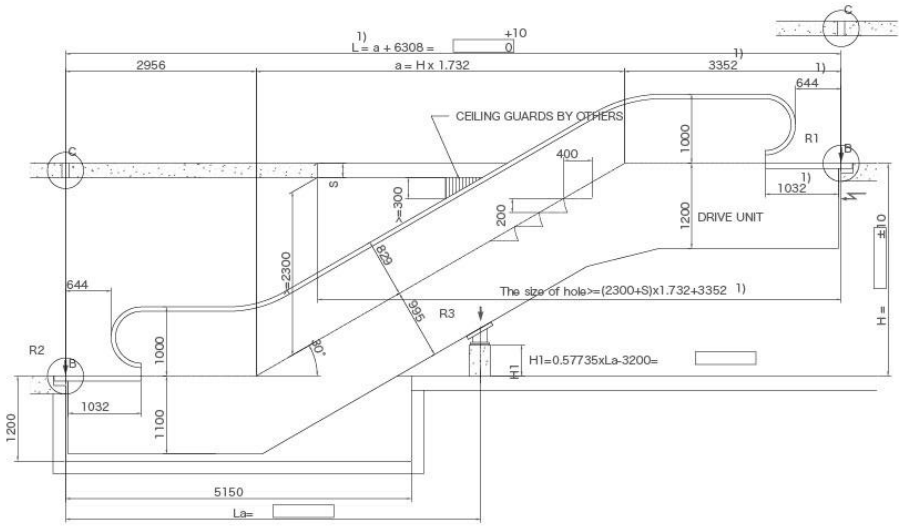


Stainless Steel Square Patch (Optional)

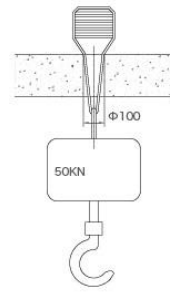


Construction layout drawing of HS200 public heavy duty escalator

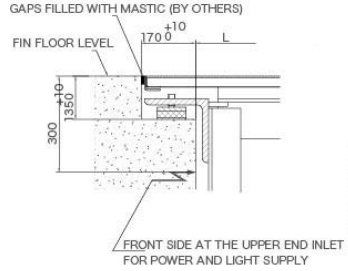
(Stainless balustrade is inclined to truss)



C Amplification DETAIL



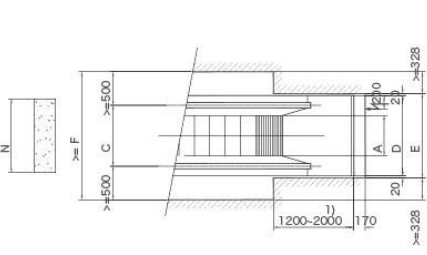
B Amplification DETAIL



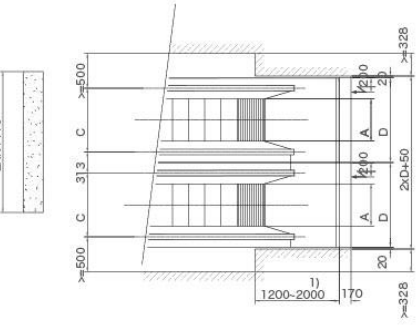
	Step width		
	1000mm	800mm	600mm
A: Step width	1000	800	600
B: Width between handrails	1157	957	757
C: Handrail center distance	1237	1037	837
D: Width of escalator	1570	1370	1170
E: Width of shaft	1610	1410	1210
F: Minimum spacing	2226	2036	1836
G: Maximum outreach	16000	17200	18900
N: Width of supporting	1500	1300	1100

- 1.If L>G, an intermediate support is required, please consult.
- 2.With a double drive and Step width of 600mm, the truss must be extended by 417mm.
- 3.Detailed motor power parameters may check with our technical department.

SINGLE



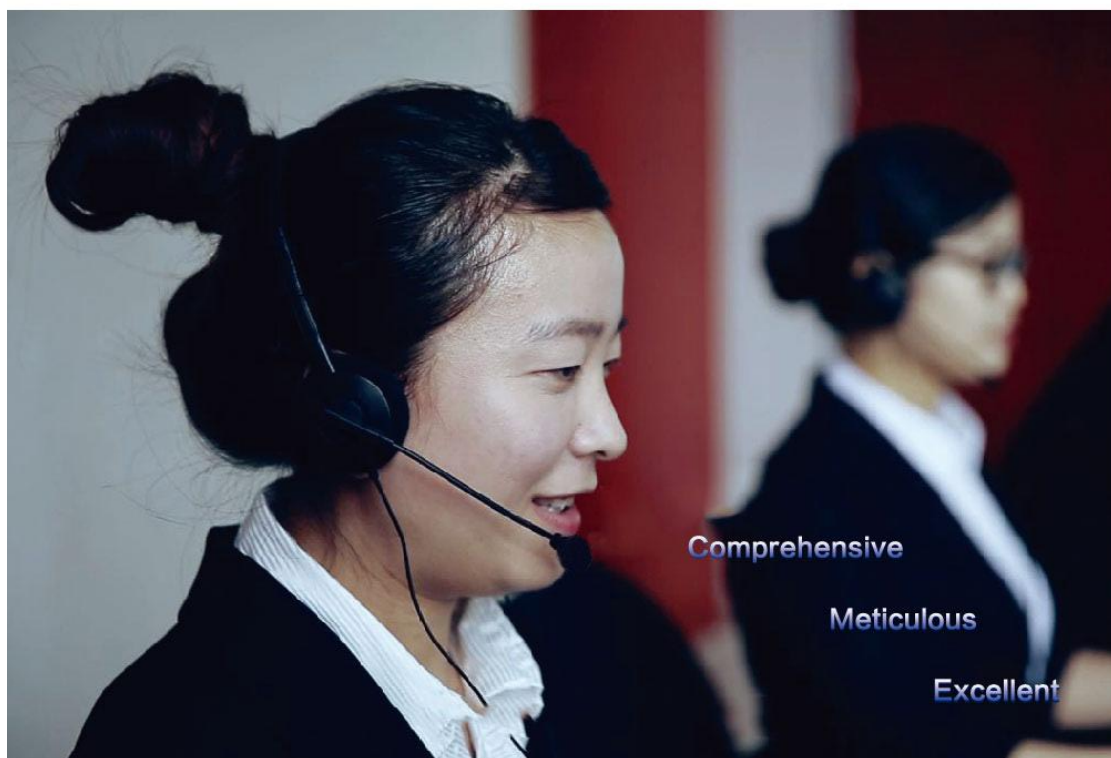
PARALLEL



Type	Rise H	Weight KN	Power kw V=0.5m/s	Type	Rise H	Weight KN	Power kw V=0.5m/s	Type	Rise H	Weight KN	Power kw V=0.5m/s
30~60M 3240man/hour	3000	77	5.5	30~80M 4800man/hour	3000	78	5.5	30~100M 6000man/hour	3000	81	8
	3500	80			3500	82			3500	85	
	4000	84			4000	86			4000	89	
	4500	87			4500	90	4500		93		
	5000	91			5000	93	5000		97		
	5500	94			5500	97	5500		101		
	6000	98	8		6000	101	11		6000	106	15
	6500	101			6500	105			6500	110	
	7000	105			7000	108			7000	114	
	7500	108			7500	112	7500		118		
	8000	112			8000	116	8000		131		
	8500	115			8500	120	8500		135		
	9000	118	11		9000	123	15		9000	139	2 × 11
	9500	122			9500	127			9500	143	
	10000	125			10000	131			10000	147	
	11000	132			11000	148	11000		155		
	12000	139			12000	155	12000		163		
	13000	146			13000	163	13000		171		
14000	153	15	14000	170	2 × 11	14000	180	2 × 15			
15000	168		15000	178		15000	188				
16000	175		16000	186		16000	196				
17000	182		17000	193	17000	204					
18000	189		18000	201	18000	212					

mm size units, individual size may be revise

Customer esteemed, service supreme



• Hanson establishes the brand institutes in various major cities in China, it will furnish the local clients with the prompt service, including the spare supply and the responsive time.

• Hanson sets 24-hours customer hotline in order to urgently remove the trouble, it will always promptly furnish you with the best service.

• Hanson regularly assigns the staff to test your escalator's running conditions so that your escalator can get the most professional maintenance.

Attentive

The customers can be rest assured in buying our products.

Considerate

Intensive control, accurate grasp.

Trustworthy

We persist in executing and expanding the service networks.



Hanson organizes professional after-sale service team, overall service team has profound experience to solve after-sale service problems and formulate solutions. The service engineers in Hanson should be taken professional, strict and standard train, and pass the examination before assignment.