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Escadas Rolantes



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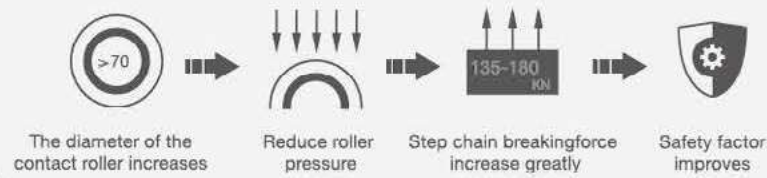
5 Advantages

- 1 Excellent Quality
- 2 Saving Energy
- 3 Rational Planning
- 4 Fashion Design
- 5 Highly Security



SES serial escalator and passenger conveyor use the humane design ideas. It integrates aesthetics, safety and environmental protection into one. It provides vast customers with the dignified outline, the reliable quality, the outstanding performance.

- The truss adopts the robotic welding technology, which greatly enhance the manufacturing process. It has lean quality and it is sturdy and durable, beautiful and elegant.
- The integral aluminum frontier plate is tough and rugged, stylish and light weighted, and easy for maintenance.
- The diameter of the contact roller is $\geq \phi 70$. This can effectively reduce the roller pressure, and improve the step chain breaking force.
- Jinshow B-type escalator adopts the stylish and beautiful stainless handrail bracket suitable for large lifting height.
- Outside of skirting panel, there is a transparent friction-reducing coating, effectively reducing the friction loss between the steps and skirting panel.
- The wedge has a spring structure and glass bracket. By tightening the spring, users can ensure that the wedge and glass is closely laminated, which is sturdy and steady and easy to be installed.

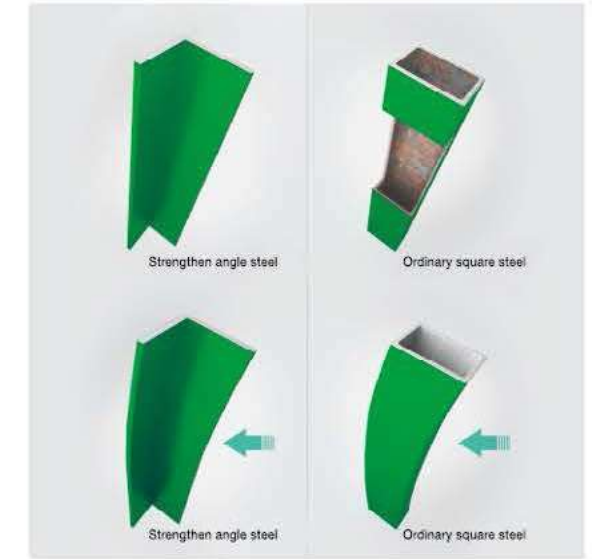


Integrated Design



The integrated design of upper and lower drive and step track can avoid the step moving to ensure a smooth transition to the curve track and drive, and reduce the vibration when the step running.

Full Angle Steel Section Bar Truss



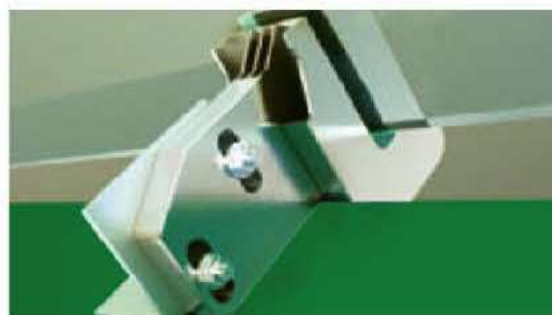
The use of angle steel for the whole truss brings better performance in antirust and usability under all tough conditions. The deflection of strengthen angle steel truss is less than ordinary square steel truss under the same cross-section case, and the strengthen angle steel truss is not easily deformed.



Wear-resisting Painted Skirt Panel (Optional)



Robotic Welding



Wedge with Spring Structure and Glass Bracket (Optional)

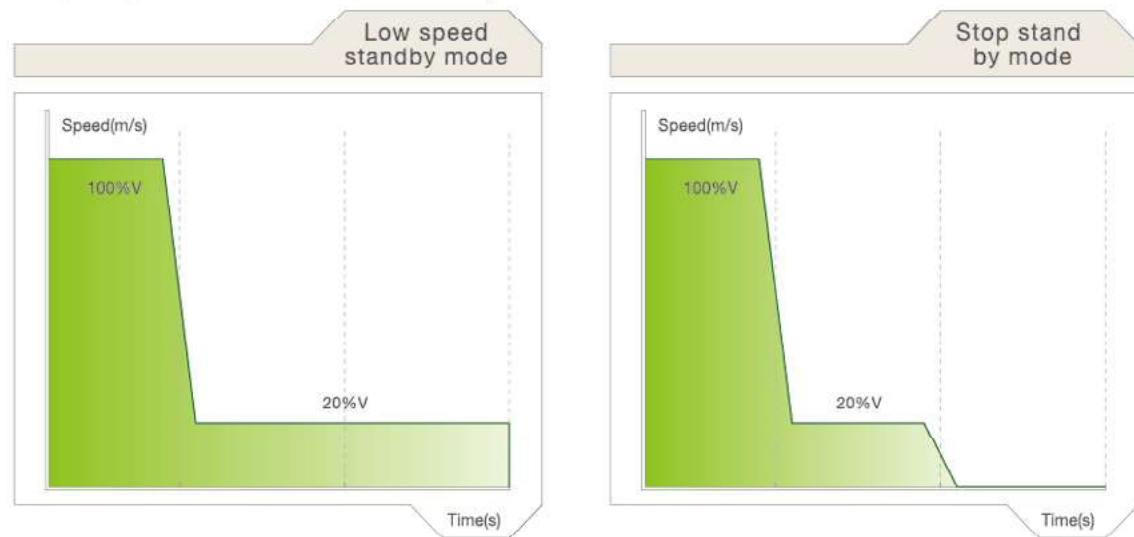


Stainless Steel Handrail Bracket

The intellectual control system drives the electric motor into ECO economic running condition can save 30% - 70% of the energy.



Frequency Converter, Reduce Electricity



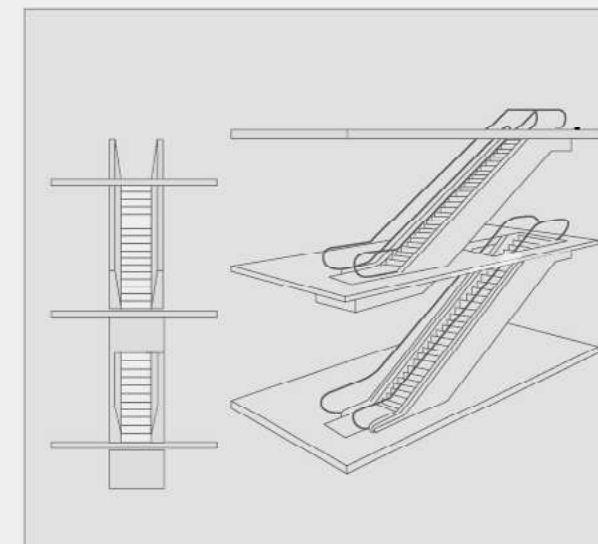
When chooses the frequency converter, it can realize the escalator intermittent operation and standby to effectively reduce the energy consumption.

LED Energy-saving Lighting System

All lighting equipment uses LED lighting technology. Compared with traditional bulbs, it can save up to 80% of energy, and its life is 10 times longer than that of the conventional bulbs.

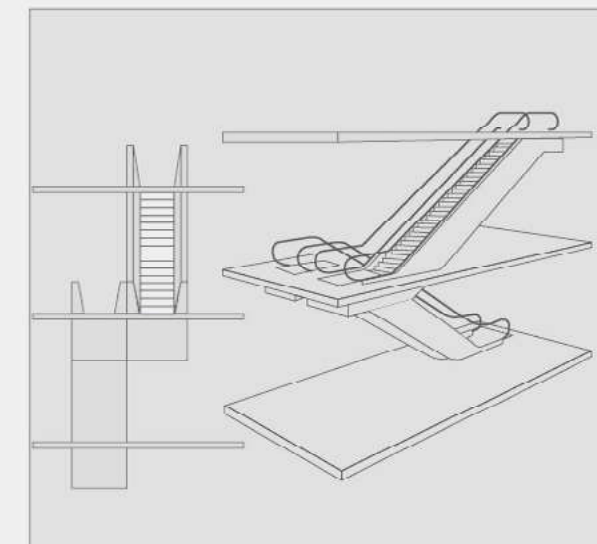


Diverse products, reasonable layout and scientific planning



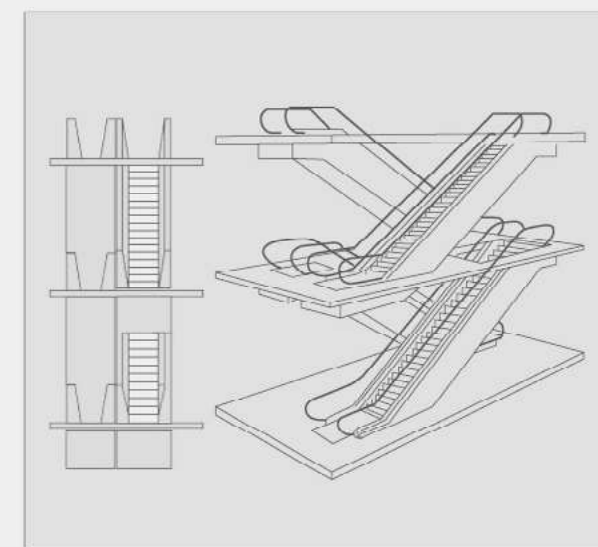
Interrupted arrangement (one travel direction)

This arrangement the number of passengers will cause inconvenience, but the mall owners, because the transfer to the space between the escalator up or down the escalator and intermittent possible for customers to see the exhibits of specially arranged ad.



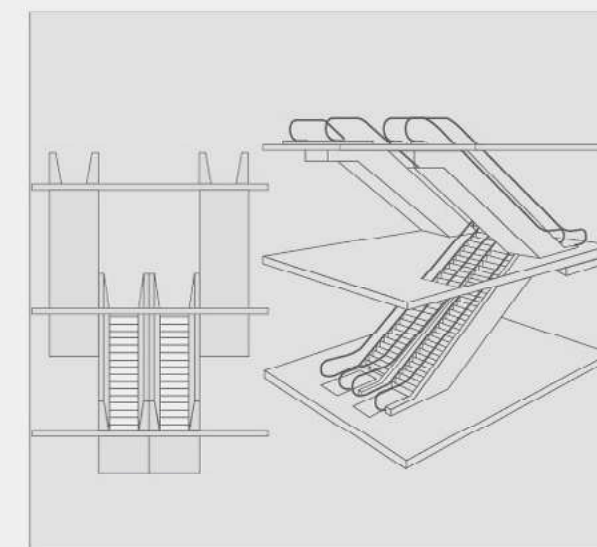
Continuous arrangement (one travel direction)

This arrangement is mainly used for small department stores, three consecutive sales floor. This arrangement than intermittent arranged need more space.



Multi-level criss-cross arrangement (continuous traffic flow, two travel directions)

This arrangement is mainly used in large department stores, public buildings and places of public transport, the number of transport between the floors of these places should be kept as small as possible.



Parallel arrangement (continuous traffic flow, two travel directions)

This arrangement is mainly used for large traffic shopping malls and public transport facilities. When six or more escalators, it should be possible to change the direction of movement in accordance with the traffic. This arrangement is more economical, because without the inner baffle.



Handrail Lighting



White (Optional)



Yellow (Optional)

Running Direction Indicator



EHD800
Transparent plastic LED display
(Optional)



EHD801
Black plastic dot matrix display
(Optional)

Skirt Lighting



White (Optional)

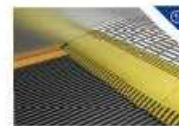


Red (Optional)

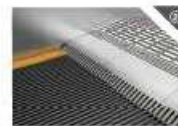


Yellow (Optional)

Combs



Yellow polyester (Standard)



Aluminum (Optional)

Inner and Outer Decking



Hairline stainless steel
(Standard)



Aluminum alloy (Optional)

Step

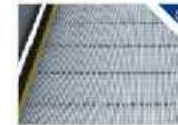


Stainless steel with yellow
demarcation line (Standard)



Aluminum with yellow
demarcation line (Optional)

Pallet (Moving Walk)

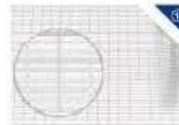


Aluminum with yellow
demarcation line (Standard)

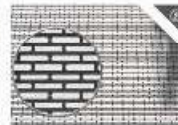


Stainless steel with yellow
demarcation line (Optional)

Landing Panel



Square Groove
(Standard)

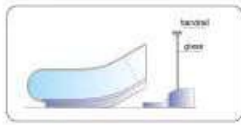


Brick Design
(Optional)

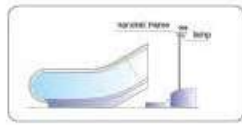


Striped Groove
(Optional)

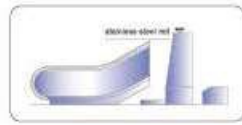
Balustrade Design



Type-I (Slim, Standard)



Type-P (Common)



Type-T (Inclined)

Handrail Color



Black(Standard)



Grey(Optional)



Red(Optional)



Yellow(Optional)

Note: Pictures might be slightly different from actual colors. Please take real product as criterion.

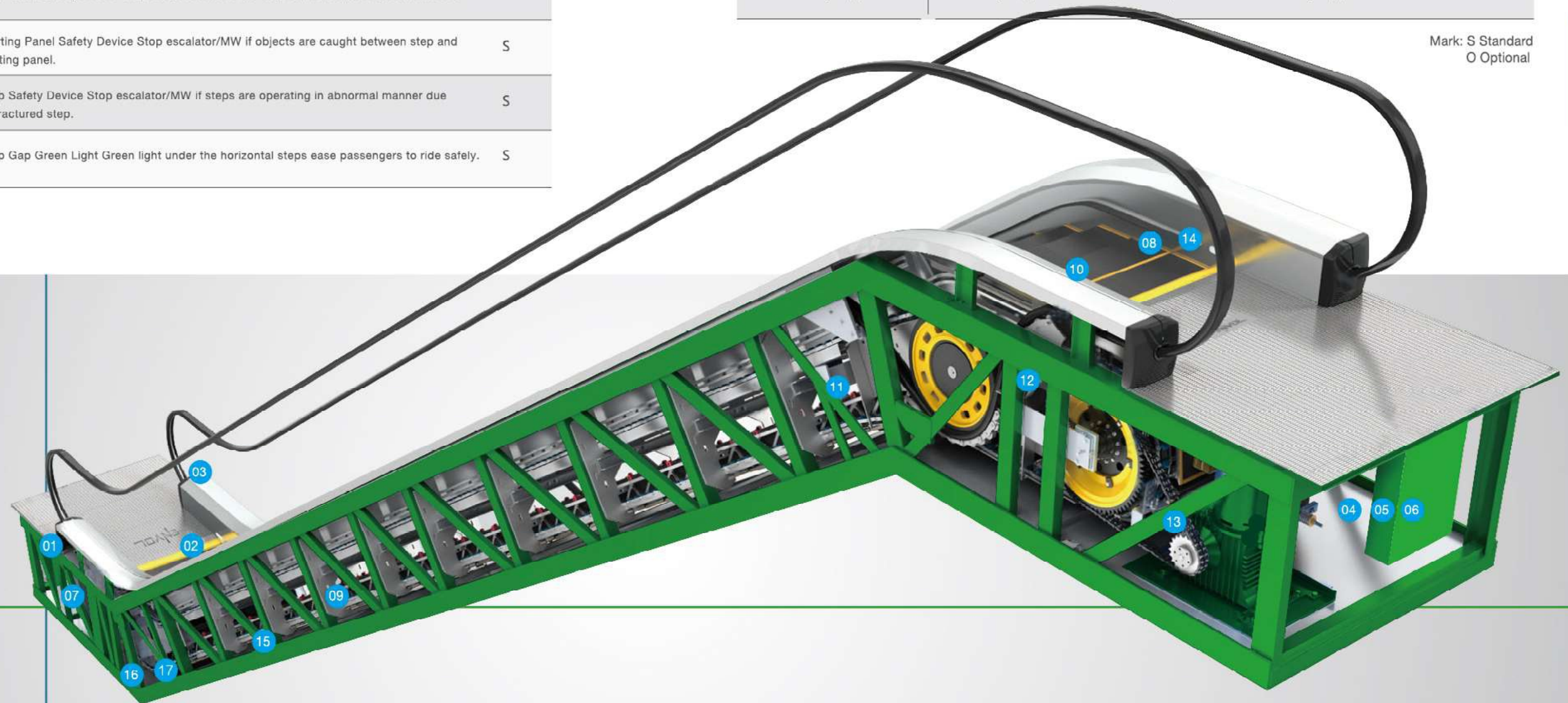


Multiple Safety Protection Function

Function name	Function description	configuration
01 Emergency stop button	Emergency Stop Device in an emergency, stop escalator/MW immediately if pressed.	S
02 Comb plate safety device	Comb Plate Safety Device Stop escalator/MW if objects are caught between comb plate and step treads.	S
03 Handrail entry safety device	Handrail Entry Safety Device Stop escalator/MW if hand or object is pulled into the handrail entry.	S
04 Phase monitoring device	Phase Monitoring Device Stop escalator/MW if missing phase or wrong phase occurs	S
05 Over-speed detector	Over-speed Detector Stop escalator/MW if operating above normal speed.	S
06 Non-reversing safety device	Non-reversing Safety Device Stop escalator/MW if its direction of operation is reversed.	S
07 Step chain safety device	Step Chain Safety Device Stop escalator/MW if the step chain breaks or becomes loose.	S
08 Skirting panel safety device	Skirting Panel Safety Device Stop escalator/MW if objects are caught between step and skirting panel.	S
09 Step safety device	Step Safety Device Stop escalator/MW if steps are operating in abnormal manner due to fractured step.	S
10 Step gap lighting	Step Gap Green Light Green light under the horizontal steps ease passengers to ride safely.	S

Function name	Function description	configuration
11 Safety brake on main shaft (Auxiliary Brake)	Auxiliary Brake Stop escalator/MW if the driving chain breaks or over-speeds.	O
12 Safety device of brake shoe wear	Brake Lining Wear Safety Device Stop escalator/MW if the lining of main brake is worn abnormally.	S
13 Drive chain protection device	Driving Chain Safety Device Stop escalator/MW if the driving chain breaks or excessively loosen.	S
14 Comb plate lighting	Comb Plate Light Lighting on both side of comb plate ease passengers to ride safely.	O
15 Handrail speed detection device	Handrail Speed Detector Stop escalator/MW If handrail is below normal speed due to handrail breakage or elongation.	S
16 Handrail broken safety device	Handrail Broken Safety Device Stop escalator if handrail breaks or stops.	S
17 Missing step/pallet	Missing step/pallet monitoring device stop escalator/MW if a missing step/pallet is detected.	S

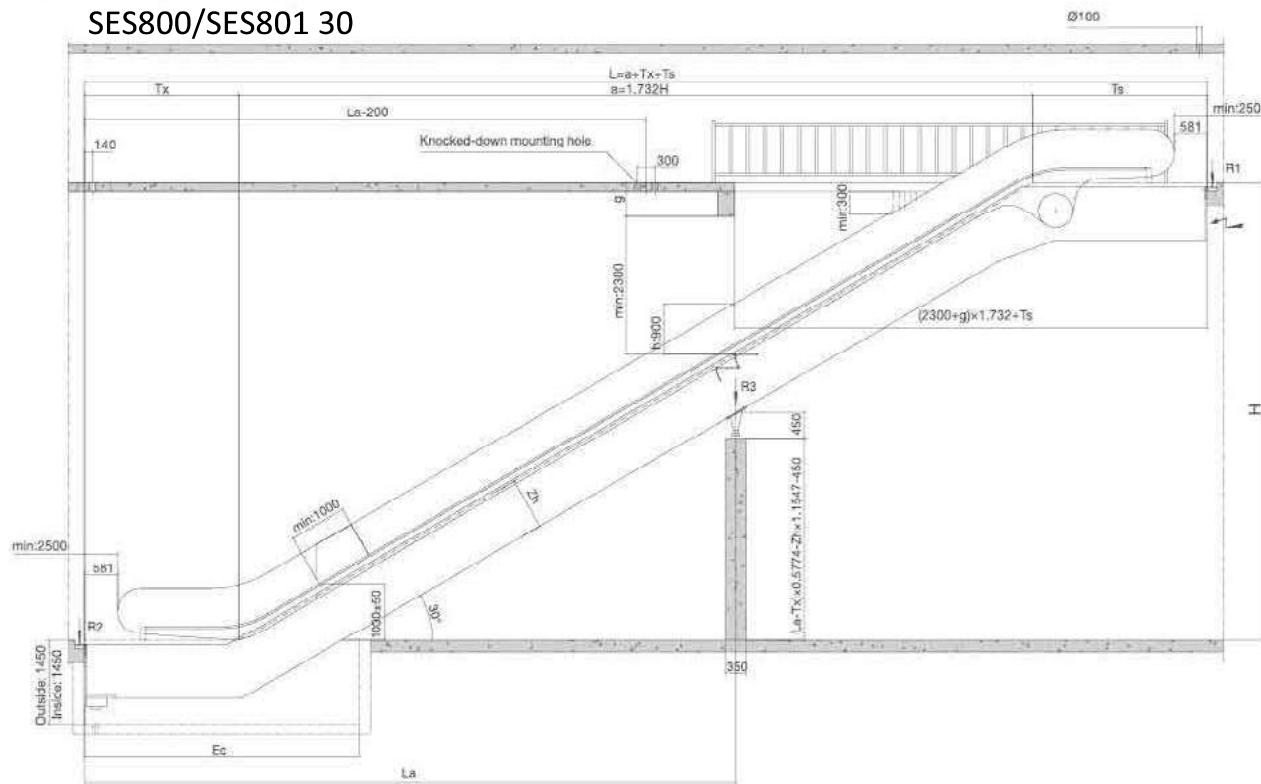
Mark: S Standard
O Optional



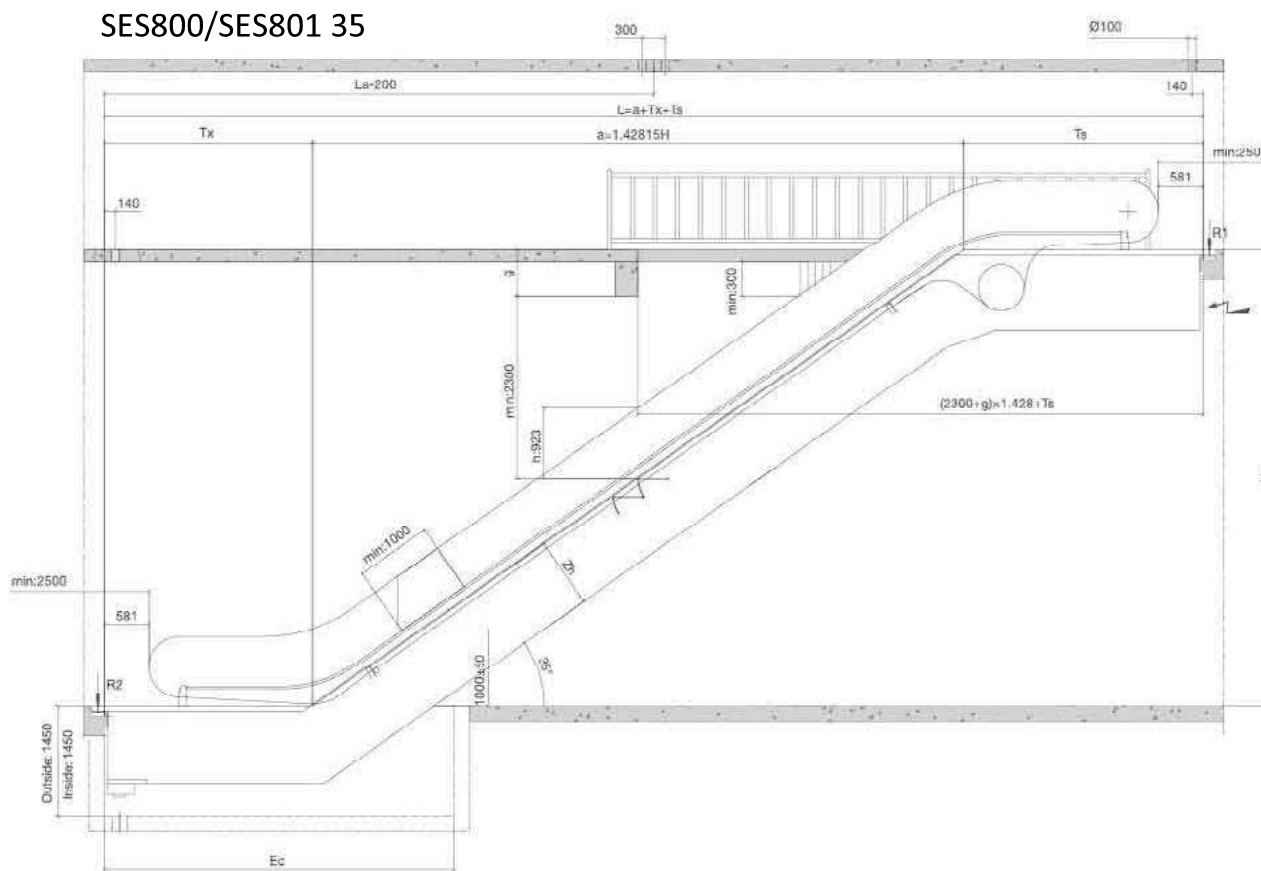
Escalator SES800(Inside)/SES801(Outside)

Escalator SES800 Specification

SES800/SES801 30



SES800/SES801 35



SES800/SES801 30

Type	Horizontal Steps	Up Step Length (Ts)(mm)			Down Step Length(Tx)(mm)	Pit Length(Ec)(mm)
		600 Step	800 Step	1000 Step		
SES	2	2815	2565	2565	2200	4300
	3	3305	3055	3055/3722	2690	5000

Machine Power (kw)	Rise (H)(m)		
	600 Step	800 Step	1000 Step
5.5	H≤7.1	H≤4.9	H≤3.7
7.5	H≤9.2	H≤6.6	H≤5.0
11	H≤11	H≤9.1	H≤7.3
15		H≤11	H≤9.2
2x11			H≤11

SES800/SES801 35

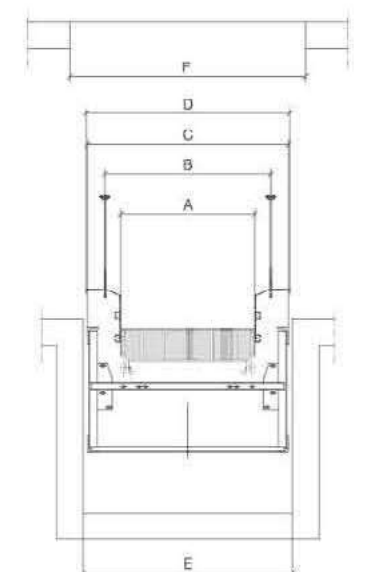
Type	Horizontal Steps	Up Step Length (Ts)(mm)			Down Step Length(Tx)(mm)	Pit Length(Ec)(mm)
		600 Step	800 Step	1000 Step		
SES	2	2912	2662	2662	2243	4100
	3	3402	3152	3152	2733	4600

Machine Power (kw)	Rise (H)(m)		
	600 Step	800 Step	1000 Step
5.5	H≤6	H≤5	H≤3.8
7.5		H≤6	H≤6

SES800/SES801

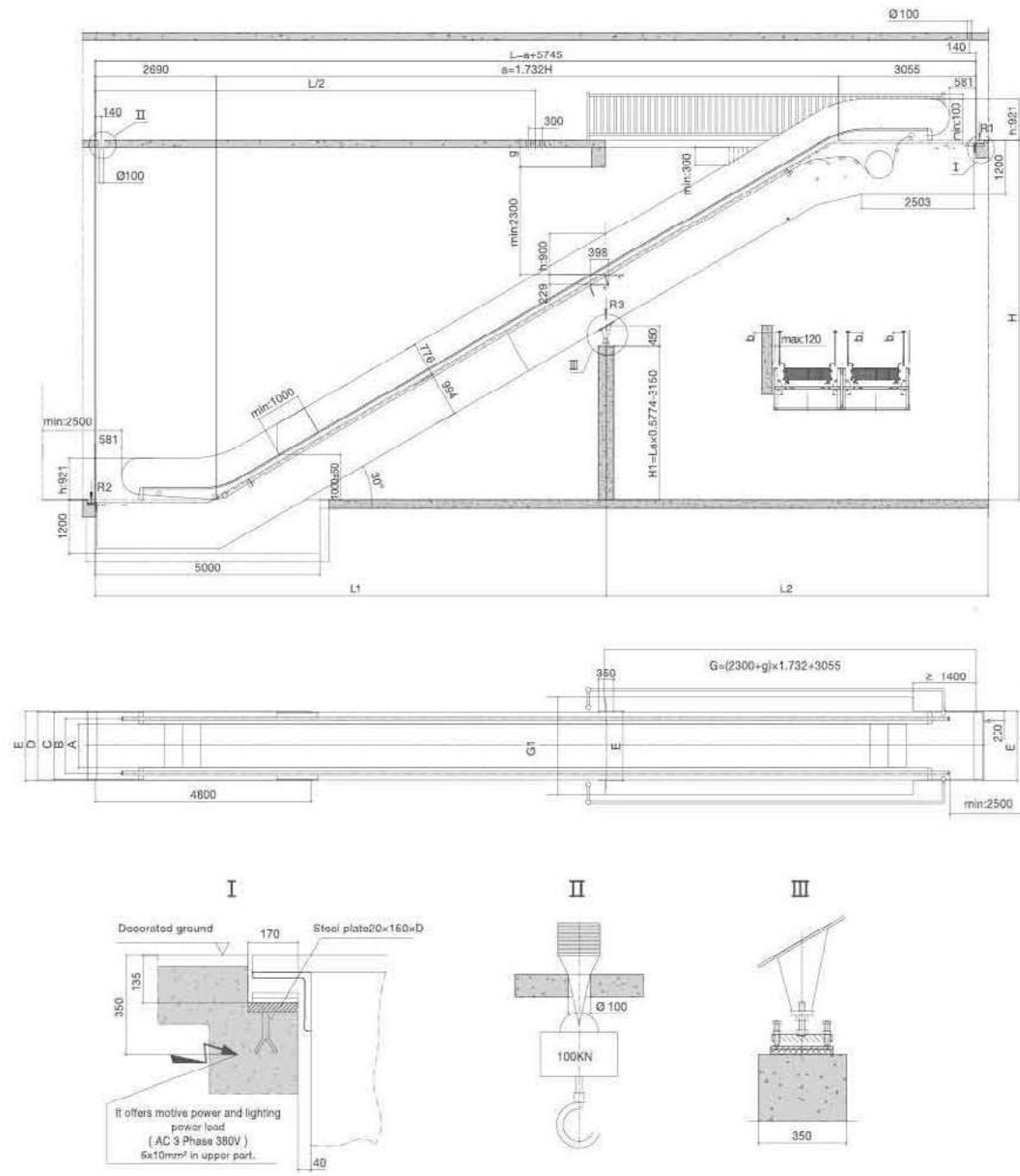
ENS Specification			
Degree of inclination	30°/35°	Max. Rise (m)	11(30°)
Speed	0.5m/s		6(35°)
Horizontal Steps	2(Standard)	Min. Rise (m)	1.2(30°)
	3(Optional)		1.4(35°)

Step Type	600 Step	800 Step	1000 Step
A(mm)	600	800	1000
B(mm)	838	1038	1238
C(mm)	1100	1300	1500
D(mm)	1120	1320	1520
E(mm)	1160	1360	1560
F(mm)	1800	2000	2200



GENERAL
DESIGN
FUNCTIONS
LAYOUT
SPECIFICATIONS

Escalator SES803 30°(Indoor)

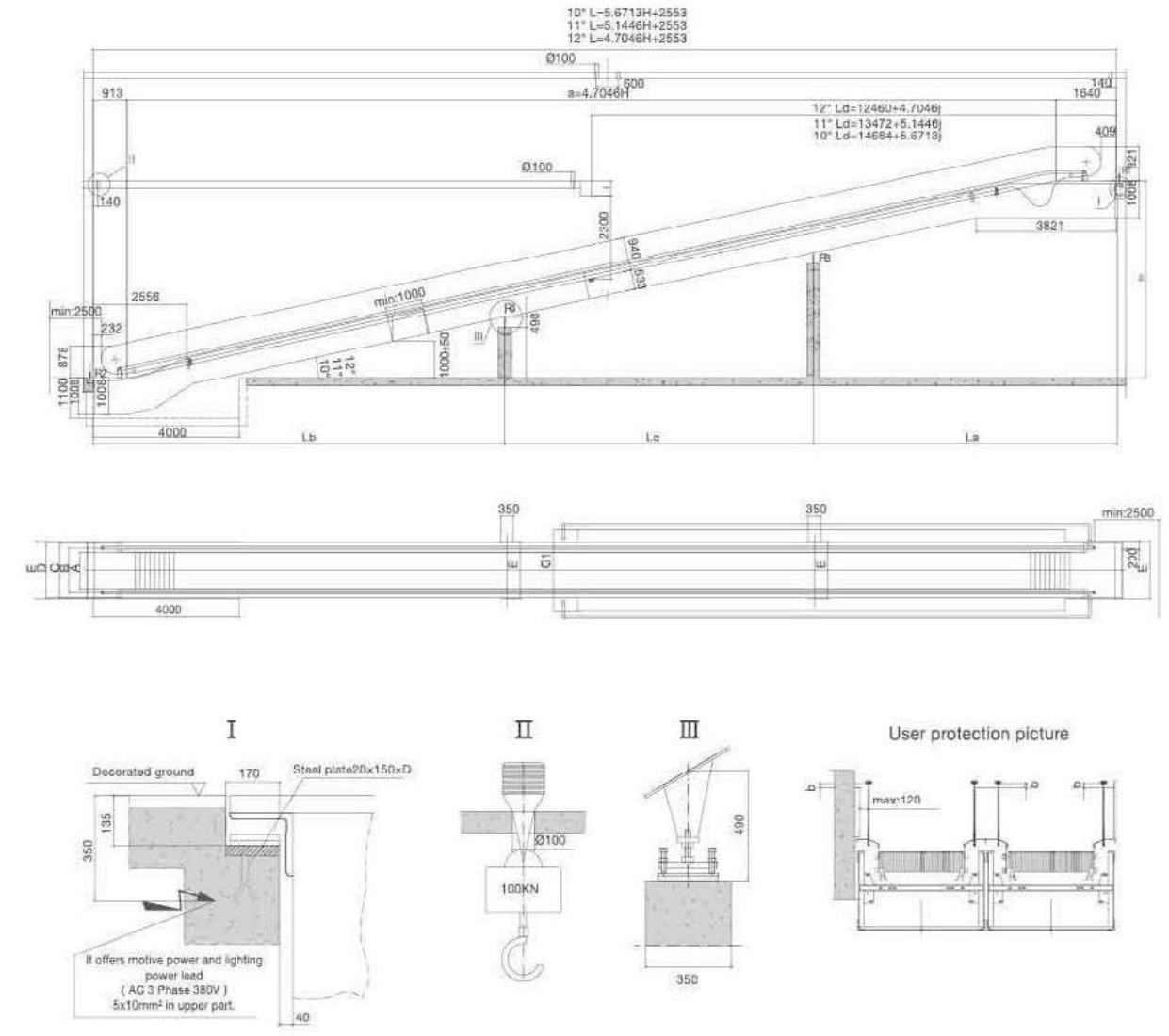


Type	Motion speed (m/s)	Rise	Reaction force R1	Reaction force R2	Reaction force R3	Step width A	Decorative plate width B	Truss width C	Decorative width D	Reaction level spacing with E	Reaction level spacing with G1
SES803-30-600	0.5m/s	H=mm	4.1xL2+15.5	4.1xL1+7.8	4.25xL+9.5	600	838	1100	1120	1160	1800
SES803-30-800			4.5xL2+16.1	4.5xL1+7.8	4.5xL+10.5	800	1038	1300	1320	1360	2000
SES803-30-1000			5xL2+17.5	5xL1+8.5	5.2xL+11.5	1000	1238	1500	1520	1560	2200

*R1, R2, R3 Unit: KN

- His drawing is fit for the construction of 12m and below single mounted escalators.
- It chooses step width 600mm. Upper truss shall be extended 300mm.
- It chooses double-drive. Upper truss shall be extended 417mm.
- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.

Moving Walk SES900-A/SES901-A(Inside)



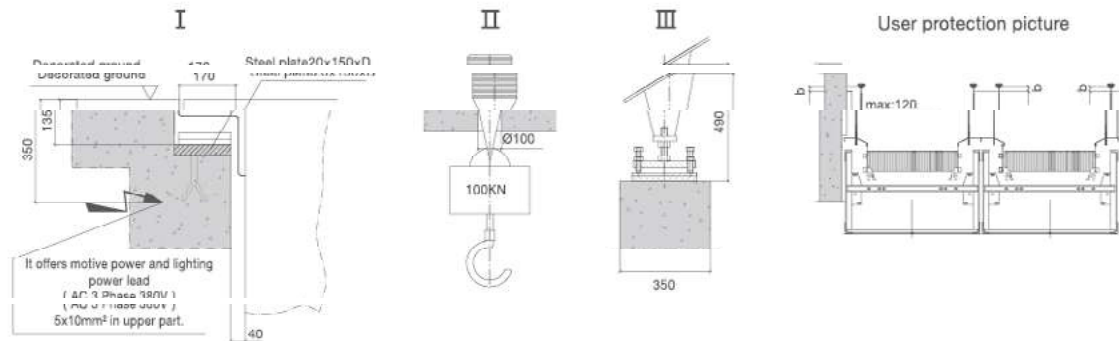
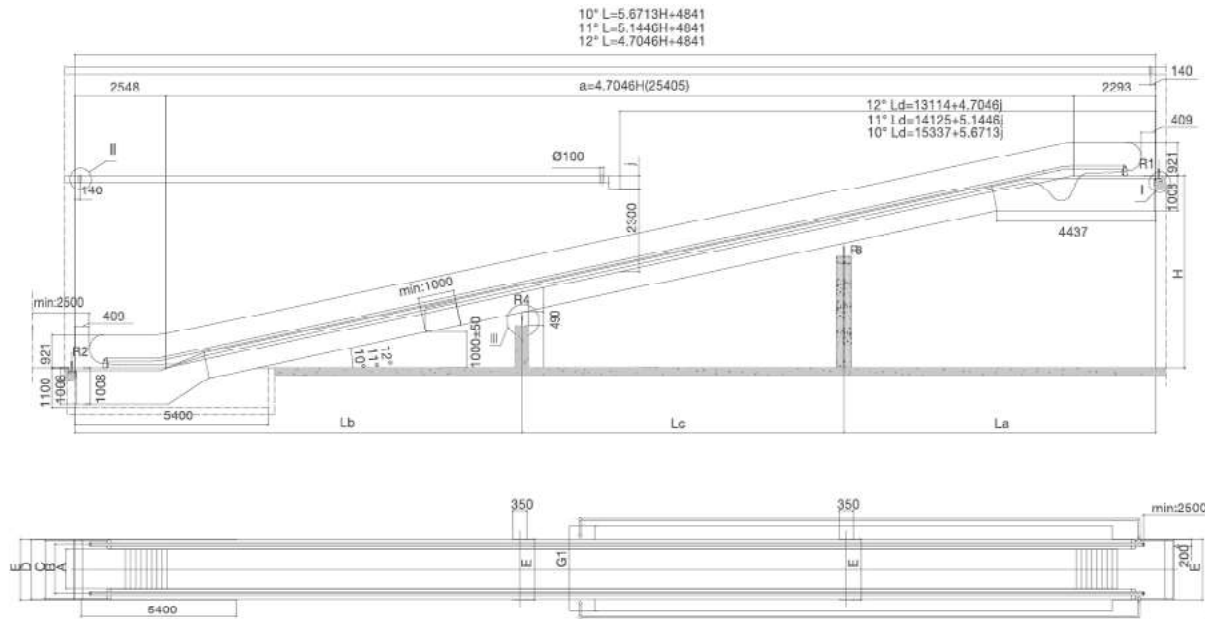
Type	Motion speed (m/s)	Rise	Degree of inclination	Reaction force R1	Reaction force R2	Reaction force R3	Reaction force R4	Reaction force parameters			Pallets width					
								q	M	N	A	B	C	D	E	G1
SES900-A-800° SES901-A-800°	0.5m/s	H=mm	10°	Laxq+M	Lbxq+N	(La+Lc)x 1.3xq	(Lb+Lc)x 1.3xq	0.0039	9.5	4.5	800	1038	1300	1320	1360	2000
SES900-A-1000° SES901-A-1000°			11° 12°								1000	1238	1500	1520	1560	2200

*R1, R2, R3, R4 Unit: KN

Degree of inclination	Rise		Intr. support		La	Lb	Lc
	From	To	R3	R4			
10°	1297	2178	-	-	-	-	-
	2179	4823	1	-	L/2	L/2	-
	4824	6000	1	1	L/3	L/3	L/3
11°	1449	2420	-	-	-	-	-
	2421	5335	1	-	L/2	L/2	-
	5336	6000	1	1	L/3	L/3	L/3
12°	1601	2663	-	-	-	-	-
	2664	5851	1	-	L/2	L/2	-
	5852	6000	1	1	L/3	L/3	L/3

- This graph is applied to the construction of the civil engineering construction of 6M and the following one.
 - It chooses double-drive. Upper truss shall be extended 417mm.
 - Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.
- *A indicates that the inclination angle of the sidewalk is 10°, 11°, and 12°.

Moving Walk ENA900-B/ENA901-B (Inside)



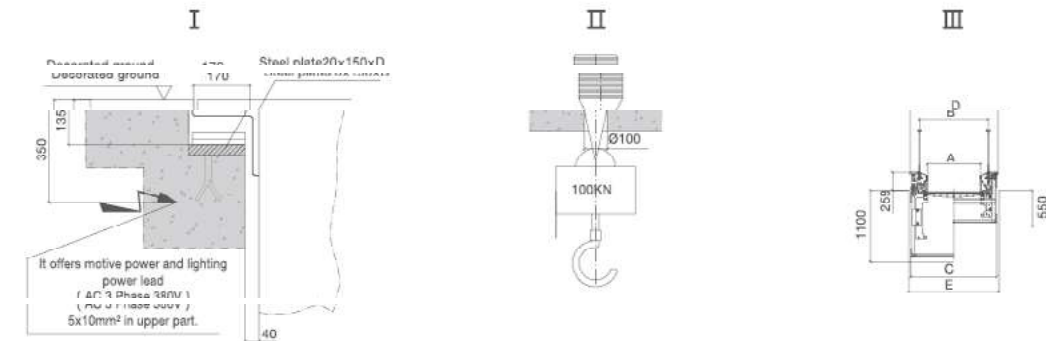
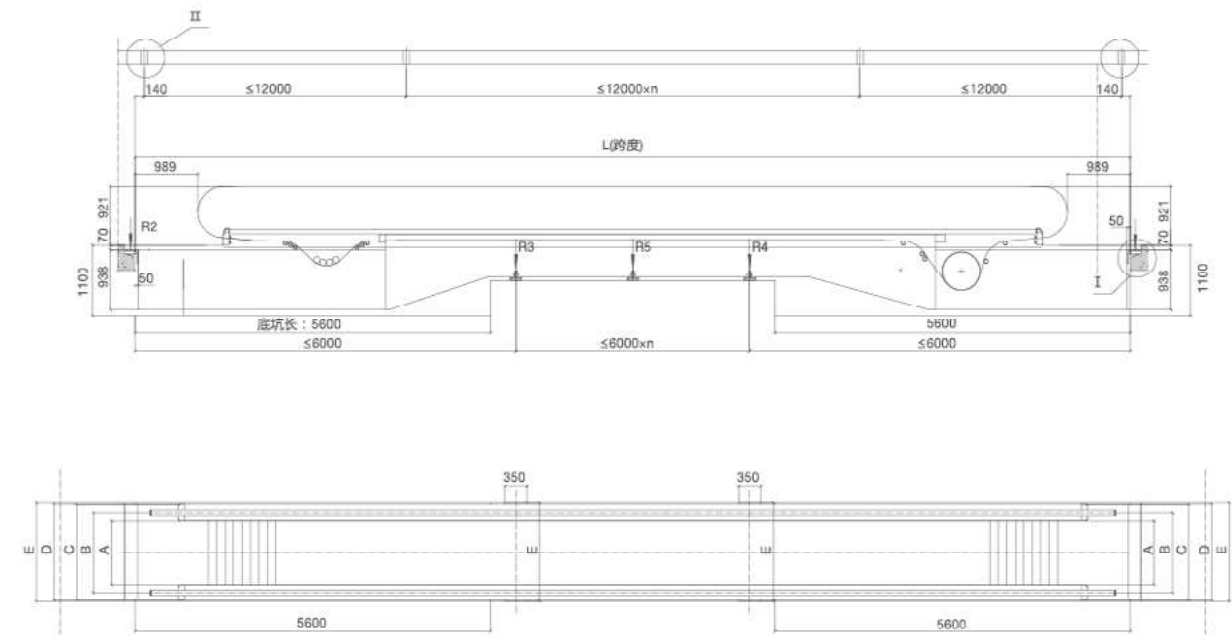
Type	Motion speed (m/s)	Rise	Degree of inclination	Reaction force R1	Reaction force R2	Reaction force R3	Reaction force R4	Reacting force parameters			Pallets width					
								q	M	N	A	B	C	D	E	G1
ENA900-B-a-800° ENA901-B-a-800°	0.5m/s	H=mm	10°	Laxq+M	Lbxq+N	(La+Lc)x 1.3xq	(Lb+Lc)x 1.3xq	0.0039	9.5	4.5	800	1038	1300	1320	1360	2000
11°																
12°																
ENA900-B-a-1000° ENA901-B-a-1000°								0.0045	11	5	1000	1238	1500	1520	1560	2200

*R1, R2, R3, R4 Unit: KN

Degree of inclination	Rise		Ints. support		La	Lb	Lc
	From	To	R3	R4			
10°	1297	2178	-	-	-	-	-
	2179	4823	1	-	L/2	L/2	-
	4824	6000	1	1	L/3	L/3	L/3
11°	1449	2420	-	-	-	-	-
	2421	5335	1	-	L/2	L/2	-
	5336	6000	1	1	L/3	L/3	L/3
12°	1601	2663	-	-	-	-	-
	2664	5851	1	-	L/2	L/2	-
	5852	6000	1	1	L/3	L/3	L/3

- This graph is applied to the construction of the civil engineering construction of 6M and the following one.
 - It chooses double-drive. Upper truss shall be extended 417mm.
 - Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.
- *A indicates that the inclination angle of the sidewalk is 10°, 11°, and 12°.

Moving Walk ENA900-C/ENA901-C (Inside)



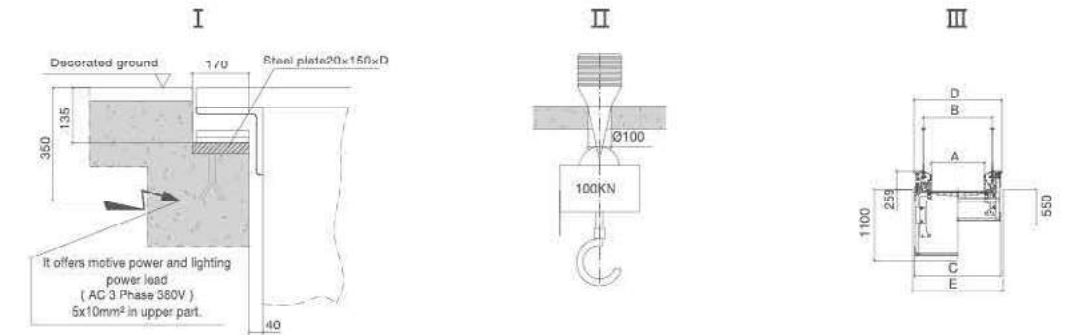
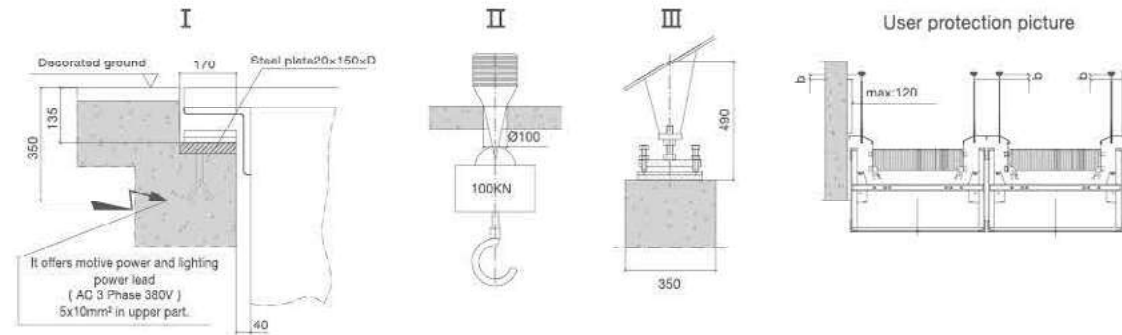
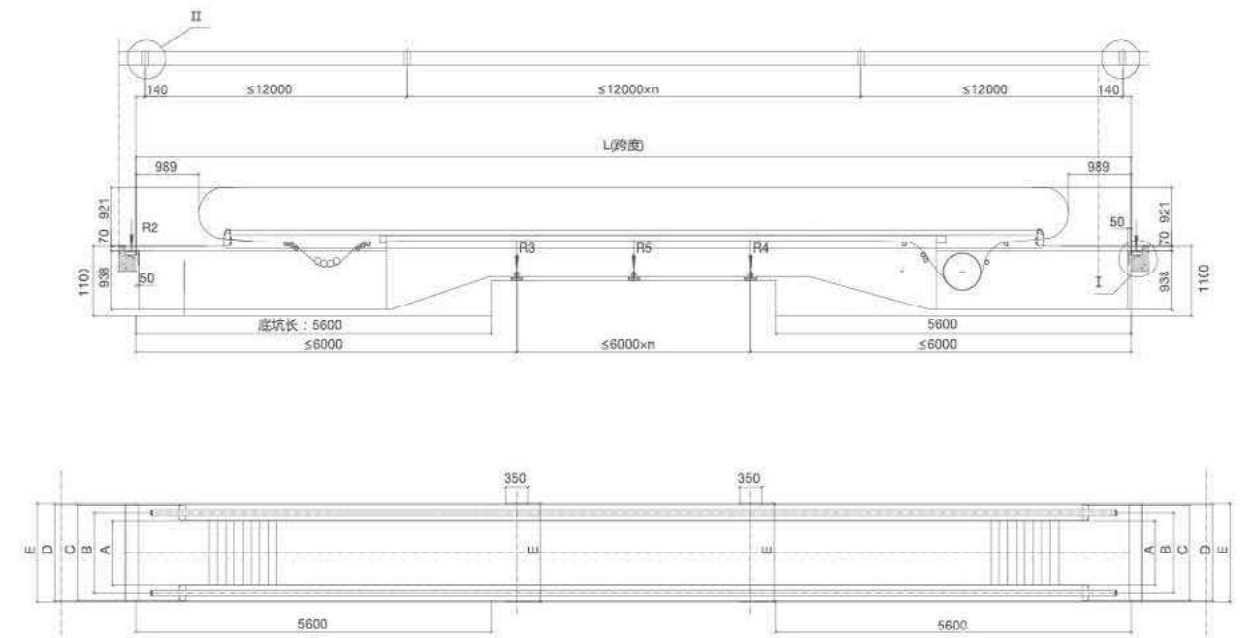
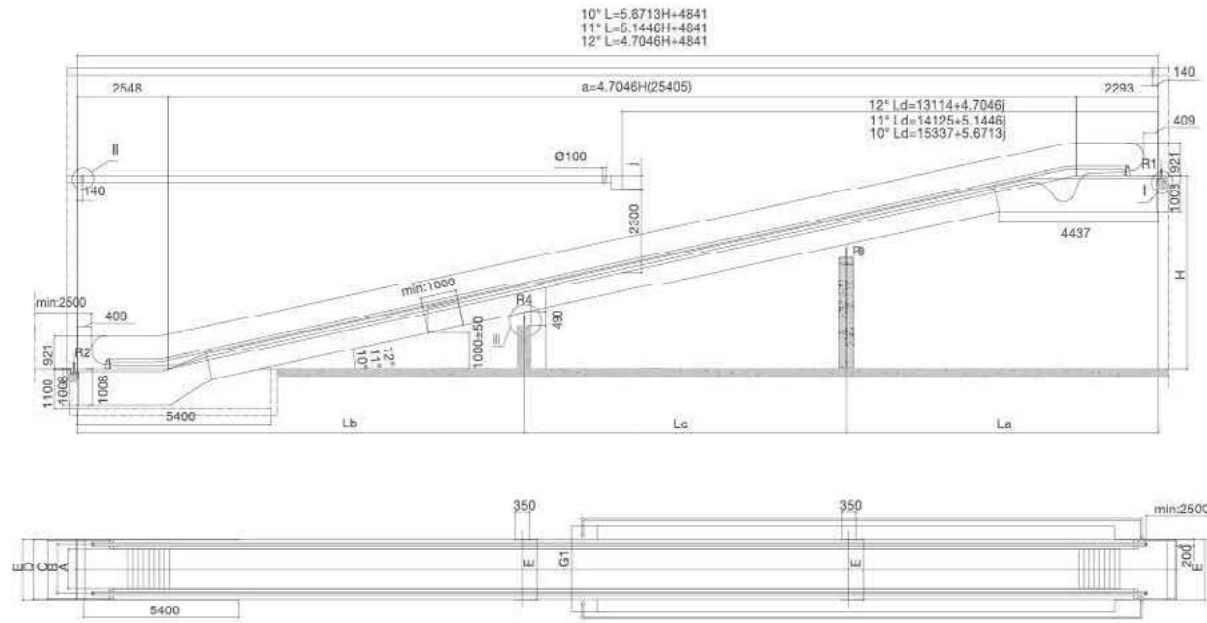
Type	Motion speed (m/s)	Reaction force R1	Reaction force R2	Reaction force R3	Reaction force R4	Reaction force R5	Pallets width			Balustrade spacer	Truss width	Decoration width	Construction layout opening width
							A	B	C				
ENA900-C-800	0.5m/s	45	31	30	32	44	800	1038	1300	1320	1360	1360	
ENA900-C-1000		49	33	32	34	53	1000	1238	1500	1520	1560	1560	
ENA900-C-1400		55	38	35	38	66	1400	1638	1900	1920	1960	1960	

*R1, R2, R3, R4, R5 Unit: KN

- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.

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Type	Motion speed (m/s)	Rise	Degree of inclination	Reaction force R1	Reaction force R2	Reaction force R3	Reaction force R4	Reaction force parameters				Pallets width				
								q	M	N	A	B	C	D	E	G1
6(6 900-B-a-800° 6(6 901-B-a-800°	0.5m/s	H=mm	10° 11° 12°	Laxq+M	Lbxq+N	(La+Lc)x 1.3xq	(Lb+Lc)x 1.3xq	0.0039	9.5	4.5	800	1038	1300	1320	1360	2000
6(6 900-B-a-1000° 6(6 901-B-a-1000°																

*R1, R2, R3, R4 Unit: KN

Degree of inclination	Rise		Inta. support		La	Lb	Lc
	From	To	R3	R4			
10°	1297	2178	-	-	-	-	-
	2179	4823	1	-	L/2	L/2	-
	4824	6000	1	1	L/3	L/3	L/3
11°	1449	2420	-	-	-	-	-
	2421	5335	1	-	L/2	L/2	-
	5336	6000	1	1	L/3	L/3	L/3
12°	1601	2663	-	-	-	-	-
	2664	5851	1	-	L/2	L/2	-
	5852	6000	1	1	L/3	L/3	L/3

- This graph is applied to the construction of the civil engineering construction of 6M and the following one.
 - It chooses double-drive. Upper truss shall be extended 417mm.
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- *A indicates that the inclination angle of the sidewalk is 10°, 11°, and 12°.

Type	Motion speed (m/s)	Reaction force R1	Reaction force R2	Reaction force R3	Reaction force R4	Reaction force R5	Pallets width					Construction layout opening width
							A	B	C	D	E	
6(6 900-C-800	0.5m/s	45	31	30	32	44	800	1038	1300	1320	1360	1360
6(6 900-C-1000		49	33	32	34	53	1000	1238	1500	1520	1560	1560
6(6 900-C-1400		55	38	35	38	66	1400	1638	1900	1920	1960	1960

*R1, R2, R3, R4, R5 Unit: KN

- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.