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KRF/KLRP

MOVING WALK



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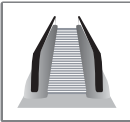
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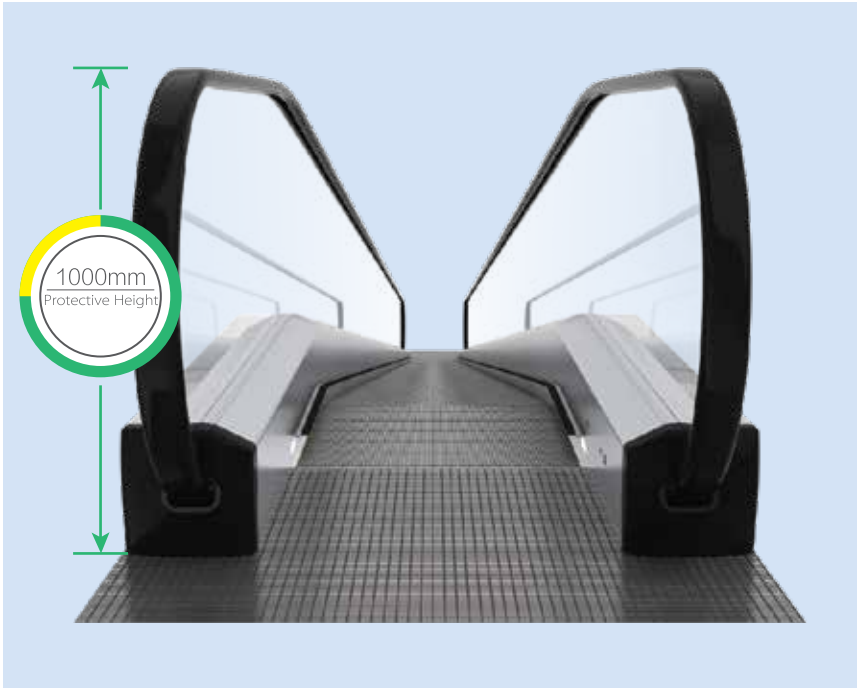
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Super Transportation, Leading Space

- ◆ Tall handrail and guardrail with high strength, skirt panel with a height of 1000mm, increase safety performance.
- ◆ The maximum pedal width can reach 1.4 m, fully meet the requirement of large flow of passengers and cargo transportation.
- ◆ Advanced microcomputer board control system has high capacity, fast response, high stability, and complete functions. (Optional)



Handrail Balustrade



Pallet



Microcomputer Board (Optional)



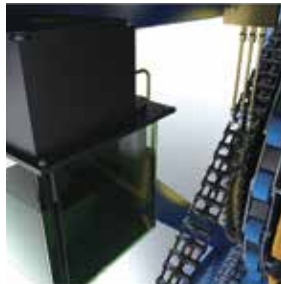
Superb Artistry, Exquisite Elevator



Robot Welding Technology



Ultra-quiet Main Engine

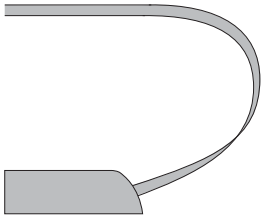


PCL Automatic Lubrication

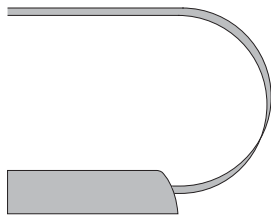
- ◆ Truss adopts robot welding technology, which greatly enhances the manufacturing process and makes it more sturdy, wearable and beautiful.
- ◆ The ultra-quiet main engine can effectively prevent vibration, pedal adopts special mute damping design, tensioning frame device can effectively prevent noise.
- ◆ PLC automatic lubrication system provides ideal lubrication for gearing chain during operation, extending the service life of transmission device.



Handrail Guide Rail Chain Roller Group



Traditional Moving Walk



CANNY Moving Walk

Large Radius Rotary Handrail Guide Rail

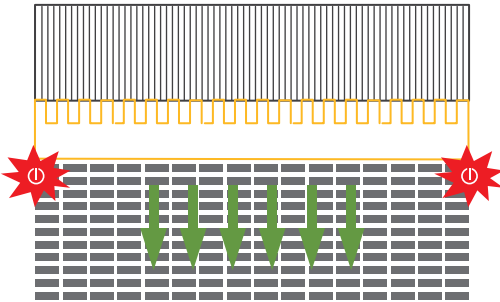
It is matched with rolling wheel group, effectively reducing friction and prolonging the service life of handrail belt.





New Comb Safety Device

If any foreign object is stuck between the moving pedal and stationary comb plate, the safety switches that is put on both sides of comb plate can be triggered, thus the moving walk will be automatically stopped.

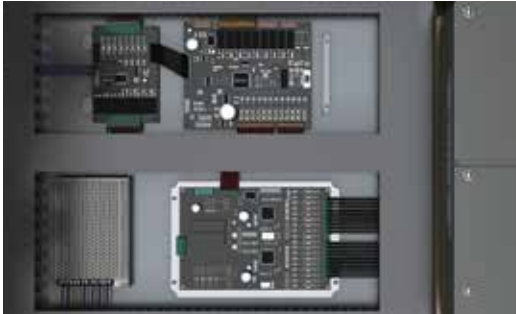


Safety Positioning, Free Operation

All advanced technologies and beautiful appearances are designed to provide services for your safe travel, we will make you carefully protected from details, and provide you with what you want.



Emergency Stop Button



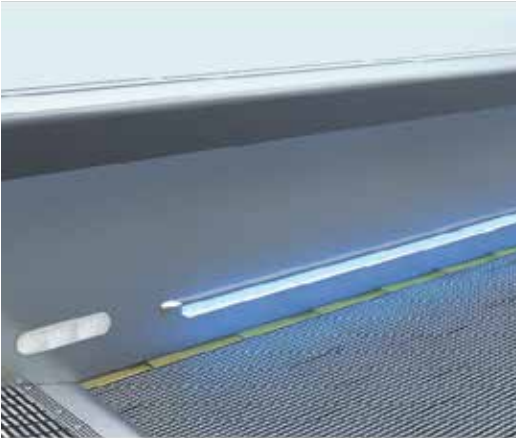
Safety Circuit Board

- ◆ When an emergency occurs to the moving walk, pressing the emergency stop button can immediately stop the moving walk from running and avoid more accidents.
- ◆ Advanced safety circuit board is adopted to provide real-time monitoring of the safety protection devices of moving walk, timely eliminate operational risks and reduce maintenance time, thus ensuring the safety of passengers.
- ◆ Running direction indicator are placed at the handrail belt entrance to indicate the operation or stop of moving walk, so as to enable passengers to have safe and free user experience. (Optional)



Handrail Entry Safety Device

If any foreign object is stuck between the rubber head and handrail, the safety switch behind the rubber entrance will start automatically to stop the moving walk from moving.



Skirting Panel Lighting (Optional)

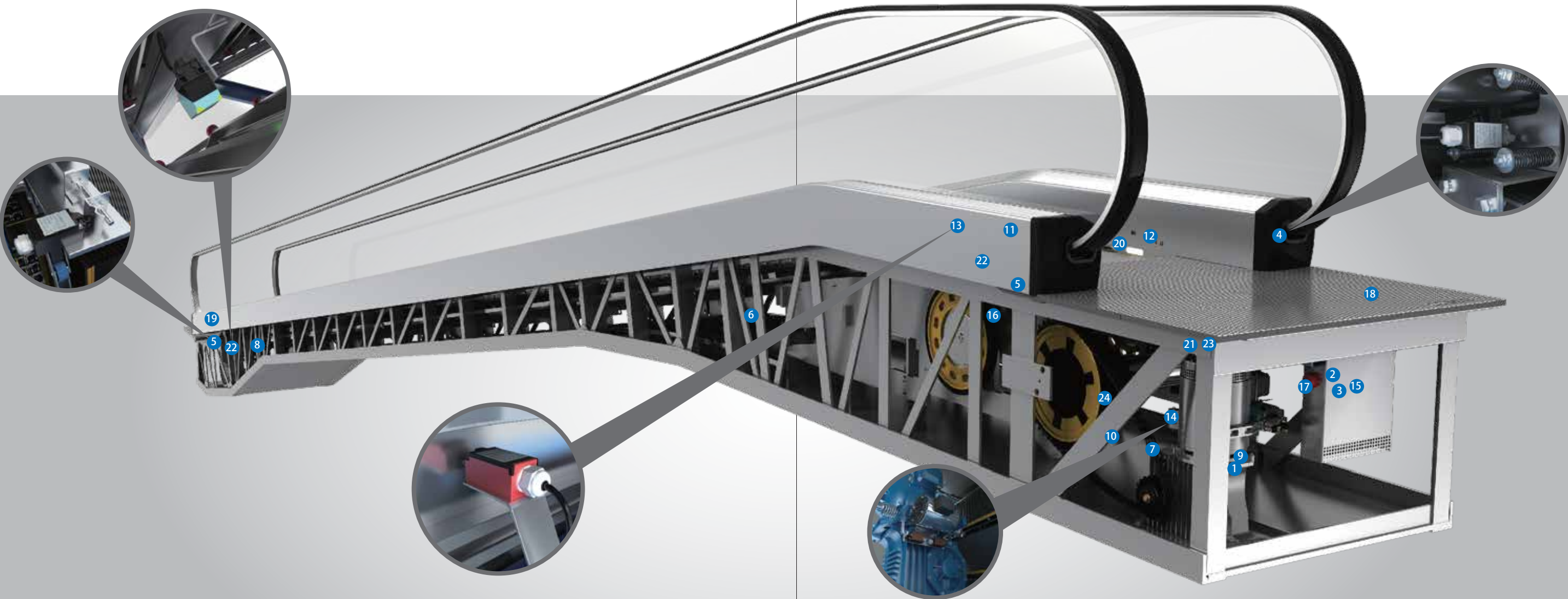
It not only demonstrates the beautiful light beam, but also emphasizes the visibility of moving walk in the entire building, making carriage more comfortable and safer.

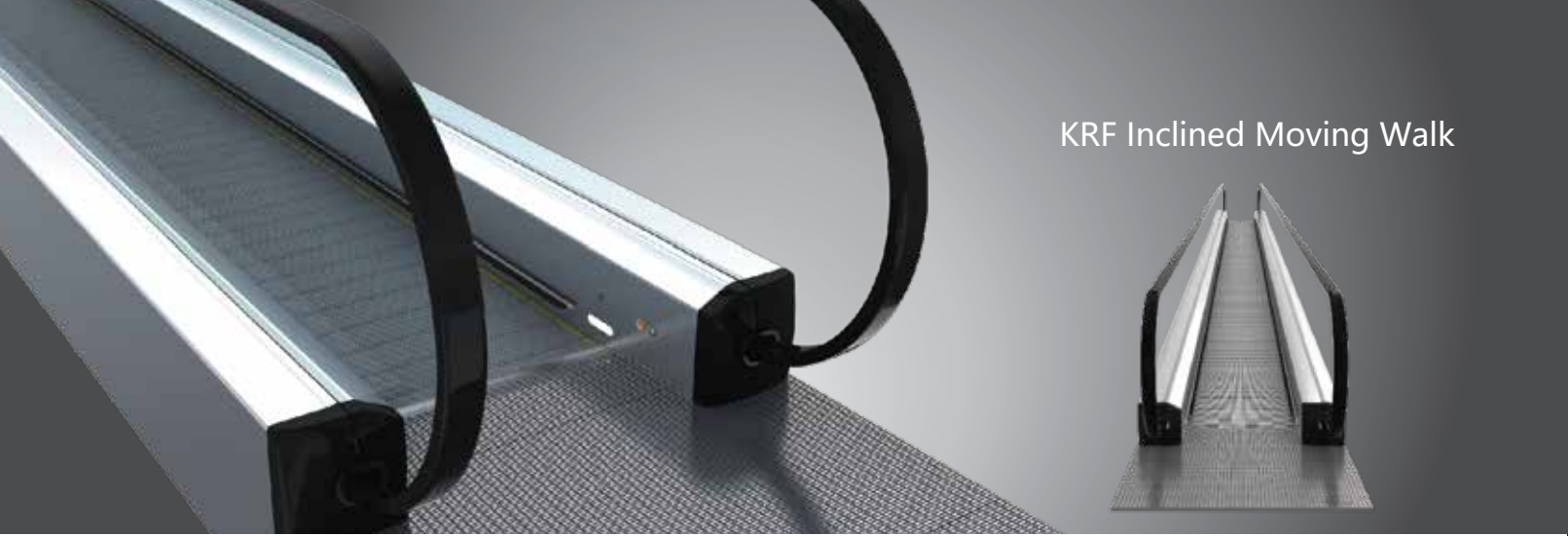
Safety Device

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

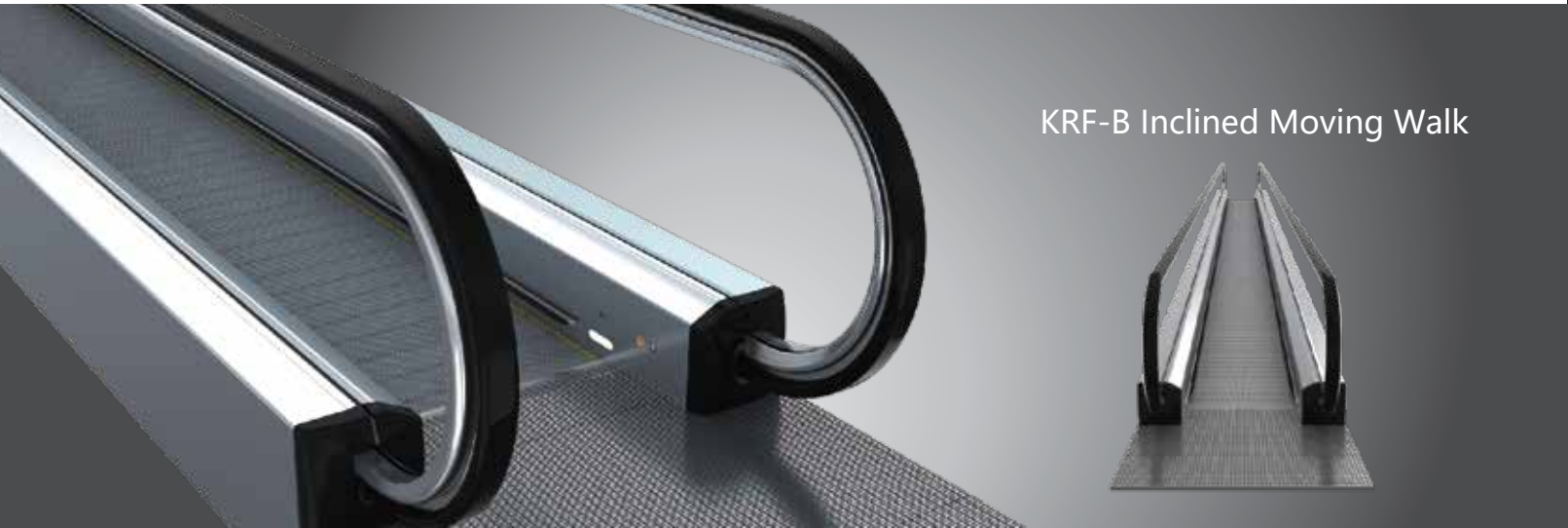
Standard Safety Device	
15	Safety Inspection Switch
16	Step Illumination
17	Alarm Bell Starting Device
18	Landing Plate Contact
19	Handrail Belt Speed Monitor
20	Skirt Panel Brush
21	Braking Distance Inspection
22	Pallet Missing Detection

Optional Safety Device	
23	Fire Shutter Door Interlocks
24	Auxiliary Brake





KRF Inclined Moving Walk



KRF-B Inclined Moving Walk



KRF-RS Inclined Double-arc Moving Walk



KLRP Horizontal Moving Walk

Moving Walk Specification Table

Model	KRF	KRF-B	KRF-RS	KLRP
Main and Auxiliary Wheel Diameter (mm)	Φ70	Φ70	Φ70	Φ75
Angle of Inclination	12° /11° /10°	12° /11° /10°	12° /11° /10°	0°
Pallet Length (mm)	1000/800	1000/800	1000/800	1400/1200/1000
Pallet Width (mm)	133.33	133.33	266.66	400/266.66
Rated Speed (m/s)	0.5/0.65	0.5/0.65	0.5/0.65	0.5/0.65
Max. Rise H (m)	8	8	6	—
Horizontal Length (m)	—	—	—	12≤L≤100

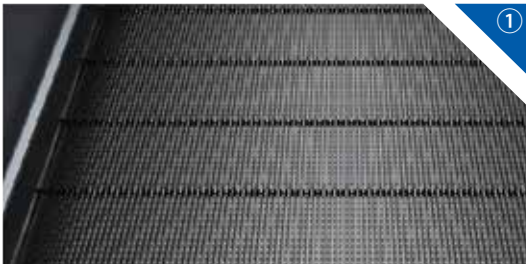
Moving Walk Configuration Table

Model	KRF	KRF-B
Types of Pedals and Comb Plate (Standard)	SUS430 Stainless Steel Patch Floor Cover Plate Decking	SUS430 Stainless Steel Patch Floor Cover Plate Decking
Types of Pedals and Comb Plate (Optional)	Aluminum Alloy Floor Cover Plate Decking / SUS304 Stainless Steel Patch Floor Cover Plate Decking	Aluminum Alloy Floor Cover Plate Decking / SUS304 Stainless Steel Patch Floor Cover Plate Decking
Skirting Panel (Standard)	SUS430 Stainless Skirting Panel	SUS430 Stainless Skirting Panel
Skirting Panel (Optional)	SUS304 Stainless Skirting Panel	SUS304 Stainless Skirting Panel
Pallet (Standard)	133.33mm Silver Grey Aluminum Alloy	133.33mm Silver Grey Aluminum Alloy
Pallet (Optional)	133.33mm Black Aluminum	133.33mm Black Aluminum
Handrail (Standard)	Black	Black
Handrail (Optional)	Other Colors	Other Colors
Handrail Guardrail (Standard)	Vertical	Vertical
Handrail Guardrail (Optional)	—	—
Balustrade Panel (Standard)	10mm Toughened Tempering Safety Glass Colorless	10mm Toughened Tempering Safety Glass Colorless
Balustrade Panel (Optional)	—	—

Model	KRF-RS	KLRP
Types of Pedals and Comb Plate (Standard)	SUS430 Stainless Steel Patch Floor Cover Plate Decking	SUS430 Stainless Steel Patch Floor Cover Plate Decking
Types of Pedals and Comb Plate (Optional)	Aluminum Alloy Floor Cover Plate Decking / SUS304 Stainless Steel Patch Floor Cover Plate Decking	Aluminum Alloy Floor Cover Plate Decking / SUS304 Stainless Steel Patch Floor Cover Plate Decking
Skirting Panel (Standard)	1.5mm SUS430 Stainless Skirting Panel	1.5mm SUS430 Stainless Skirting Panel
Skirting Panel (Optional)	SUS304 Stainless Skirting Panel	SUS304 Stainless Skirting Panel
Pallet (Standard)	266.66 Stainless Steel Landing Plate	266.66 Stainless Steel Landing Plate
Pallet (Optional)	—	400 Stainless Steel Landing Plate
Handrail (Standard)	Black	Black
Handrail (Optional)	Other Colors	Other Colors
Handrail Guardrail (Standard)	Vertical	Vertical
Handrail Guardrail (Optional)	—	—
Balustrade Panel (Standard)	10mm Toughened Tempering Safety Glass Colorless	10mm Toughened Tempering Safety Glass Colorless
Balustrade Panel (Optional)	—	—

Unique Design, Taste of Beauty

Pallet



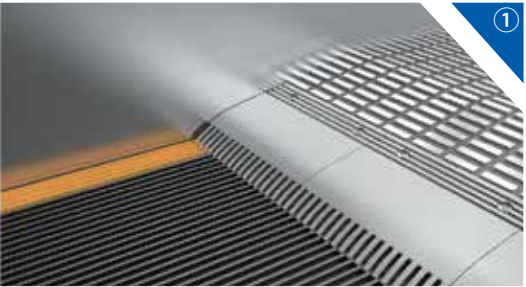
Black Stainless Steel (KLRP, KRF-RS Standard)

Balustrade Color



Colorless and Transparent (Standard)

Comb Teeth



Aluminum (Standard)

Handrail Color



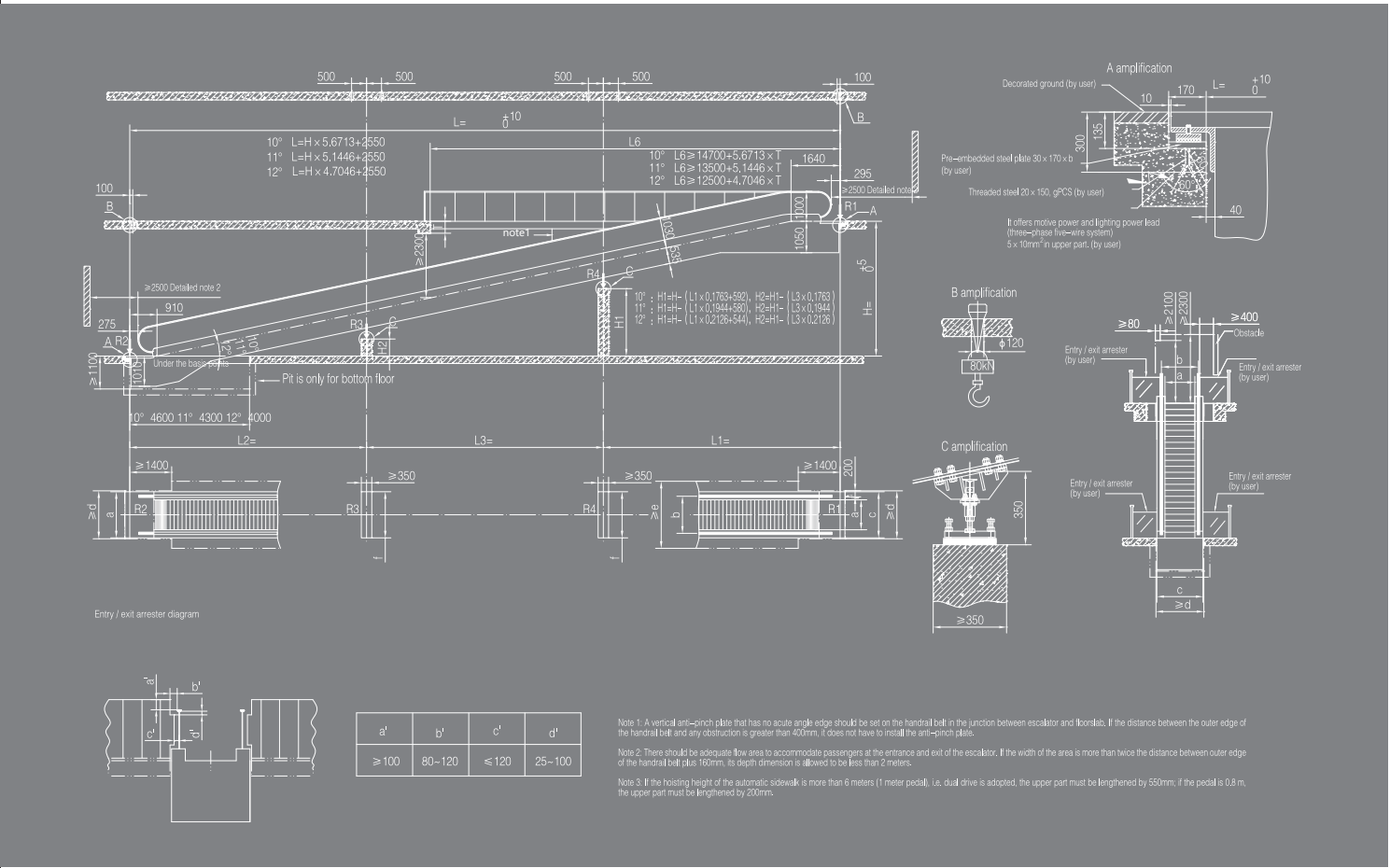
Black (Standard)

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

Parameter Construction Layout

KRF/KRF-B Indoor

KRF/KRF-B-800/1000



Standard specification and dimension

Running speed(0.5m/s)

Supporting force		
Without middle supporting	With one middle supporting	With two middle supporting
$R1=L \times q+M$	$R1=L \times q+M$ $R2=L \times q+N$	$R1=L \times q+M$ $R2=L \times q+N$ $R3=(L a+L c) \times 1.3 \times q$ $R4=(L b+L c) \times 1.3 \times q$
$R2=L \times q+N$	$R3=(L a+L b \times 1.3 \times q$	

Power Table

Rise		3000	4500	5500	5600	6000	7000	8000
Machine power	1000	8kW		11kW		15kW		2x11kW
	800	8kW			11kW			15kW
Notes		Unit for L, L1, L2 is m, L1, L2 are less than 15m						

					Pallet width		800	1000
					a		800	1000
					b		1038	1238
					c		1340	1540
					d		1400	1600
					e		1918	2118
					f		1340	1540
					g		5	6
Supporting force parameter		q	M	N				
800		0.0039	9.5	4.5				
1000		0.0045	11	5				
Angle	Rise		Middle supporting		La	Lb	Lc	
	From	To	R3	R4				
10°	1297	2178	-	-	-	-	-	
	2179	4823	1	-	L/2	L/2	-	
	4824	6600	1	1	L/3	L/3	L/3	
11°	1449	2420	-	-	-	-	-	
	2421	5335	1	-	L/2	L/2	-	
	5336	7300	1	1	L/3	L/3	L/3	
12°	1601	2645	-	-	-	-	-	
	2645	5830	1	-	L/2	L/2	-	
	5830	8000	1	1	L/3	L/3	L/3	

Description

- His drawing is fit for the construction of 8m and below single mounted escalators.
- The Sales Dept. needs to make four copies of this drawing. Two copies shall return to the Technical Section after being stamped and signed by the users.
- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.

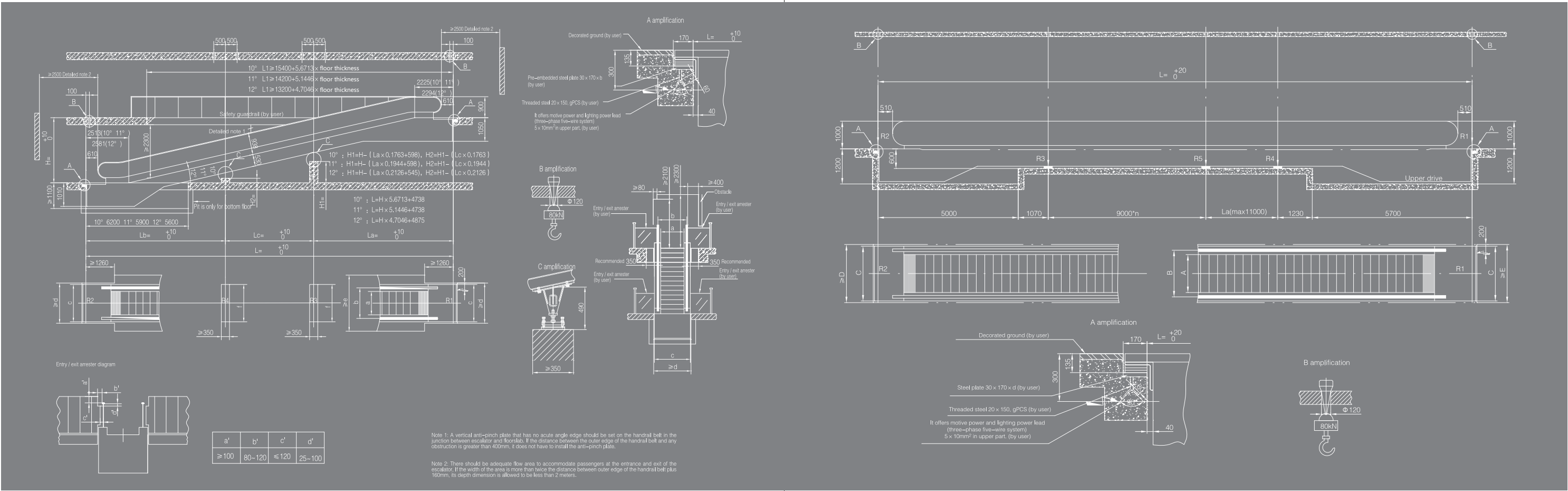
Parameter Construction Layout

KRF-RS Indoor

KRF-RS-800/1000

KLRP Indoor

KLRP



Standard specification and dimension

Running speed(0.5m/s)

Supporting force		
Without middle supporting	With one middle supporting	With two middle supporting
$R1=L \times q+M$	$R1=L_a \times q+M$	$R1=L_a \times q+M$
	$R2=L_b \times q+N$	$R2=L_b \times q+N$
$R2=L \times q+N$	$R3=(L_a+L_b) \times 1.3 \times q$	$R4=(L_b+L_d) \times 1.3 \times q$

Power Table								
Rise		3000	3500	4000	4500	5000	5500	6000
Machine power	1000	8kW			11kW			15kW
	800	8kW					11kW	
Notes		Unit for L, L1, L2 is m, L1, L2 are less than 15m						

					Pallet width		800	1000		
					a		800	1000		
					b		1038	1238		
					c		1400	1600		
					d		1460	1660		
Supports from top of beam					q	M	N	e	1918	2118
800					0.0039	9.5	4.5	f <td>1340</td> <td>1540</td>	1340	1540
1000					0.0045	11	5	g <td>5</td> <td>6</td>	5	6
Angle		Rise		Middle supporting		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		

Description

- His drawing is fit for the construction of 6m and below single mounted escalators.
- The Sales Dept. needs to make four copies of this drawing. Two copies shall return to the Technical Section after being stamped and signed by the users.
- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.

Standard specification and dimension

Running speed(m/s)		0.5			
Degree of inclination		0°			
Pallet width(mm)		800	1000	1200	1400
A	800	1000	1200	1400	
B	1038	1238	1430	1648	
C	1340	1540	1740	1950	
D	1400	1600	1800	2010	
E	1400	1600	1800	2010	

Description

- The figure can be applied to the civil engineering and construction for the installation of single automatic moving walk.
- The Sales Dept. needs to make four copies of this drawing. Two copies shall return to the Technical Section after being stamped and signed by the users.
- Size unit: mm. It is possible to change some individual sizes. If there is any alterations, advance notice won't be given then.