

ESCALATOR



Traffic Solution Plan Specialist

It Innovatively combines with human-centered ideas. It has the advanced stairway and belt design.

It is smooth and comfortable in operation. Solemn and smooth handrail entry, traffic flow light appear bright and dynamic. It perfectly connects with inner/outer cover plates, skirting plate, frontline plate. It smoothly transits to big arc rotary end handrail.

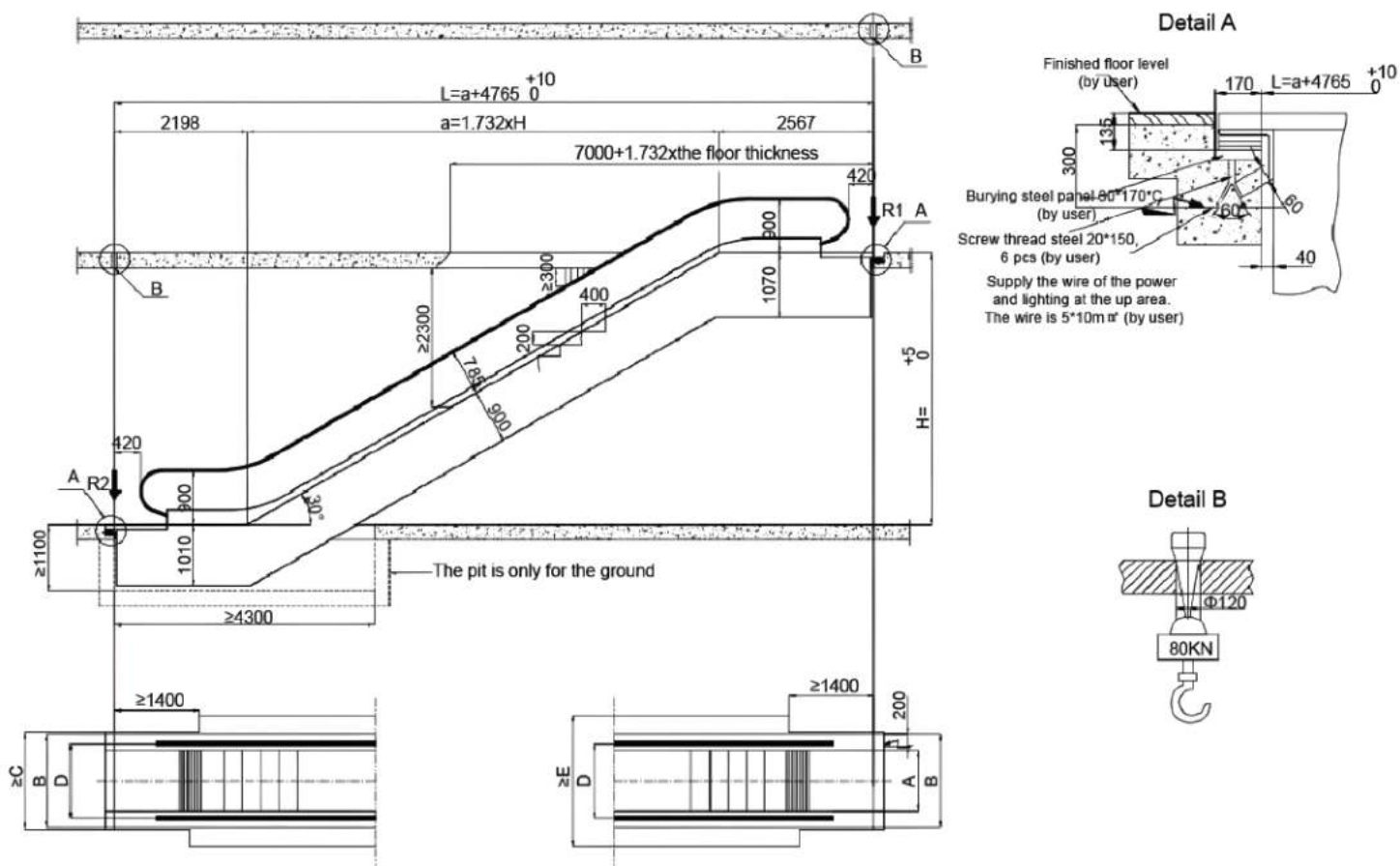
ALPHA escalators are widely applicable for the airport, railway station, high grade hotel, CBD, large-size shopping center, public facilities etc. It adds a brilliant sight line for modern building.

■ Its truss adapt the superior profile steel with unique structure, high intensity, through anti-rusting, good effect, long life.

■ The advanced international manufacture craft, technology, general assembly, tooling guarantee the precise elevator path.

■ Super-strong CPU master-board computer control executes real-time monitor to the running conditions. It automatically stops at any abnormal conditions. It also promptly and automatically makes records, displays the trouble code.

30° ESCALATOR CONSTRUCTION SKETCH



Reacting force

Step width	600	800	1000	Remark
R1(KN)	3.5xL+15.5	4xL+17	4.5xL+18.5	L=m
R2(KN)	3.5xL+10	4xL+11	4.5xL+11.5	

Power meter(step width 1000mm speed 0.5m/s)

5.5KW	8KW	11KW
1.5m≤H≤3.2m	3.2m<H≤4.8m	4.8m<H≤6.0m

Table of rules of extension interior escalator's upper part

		Power			
		Step width	<15KW	15KW	2X11KW
Without VVVF	600	417	417		
	800	0	0	500	
	1000	0	0	500	800
With VVVF	600	417	417		
	800	0	200	500	
	1000	0	0	500	800

Standard specification and dimension

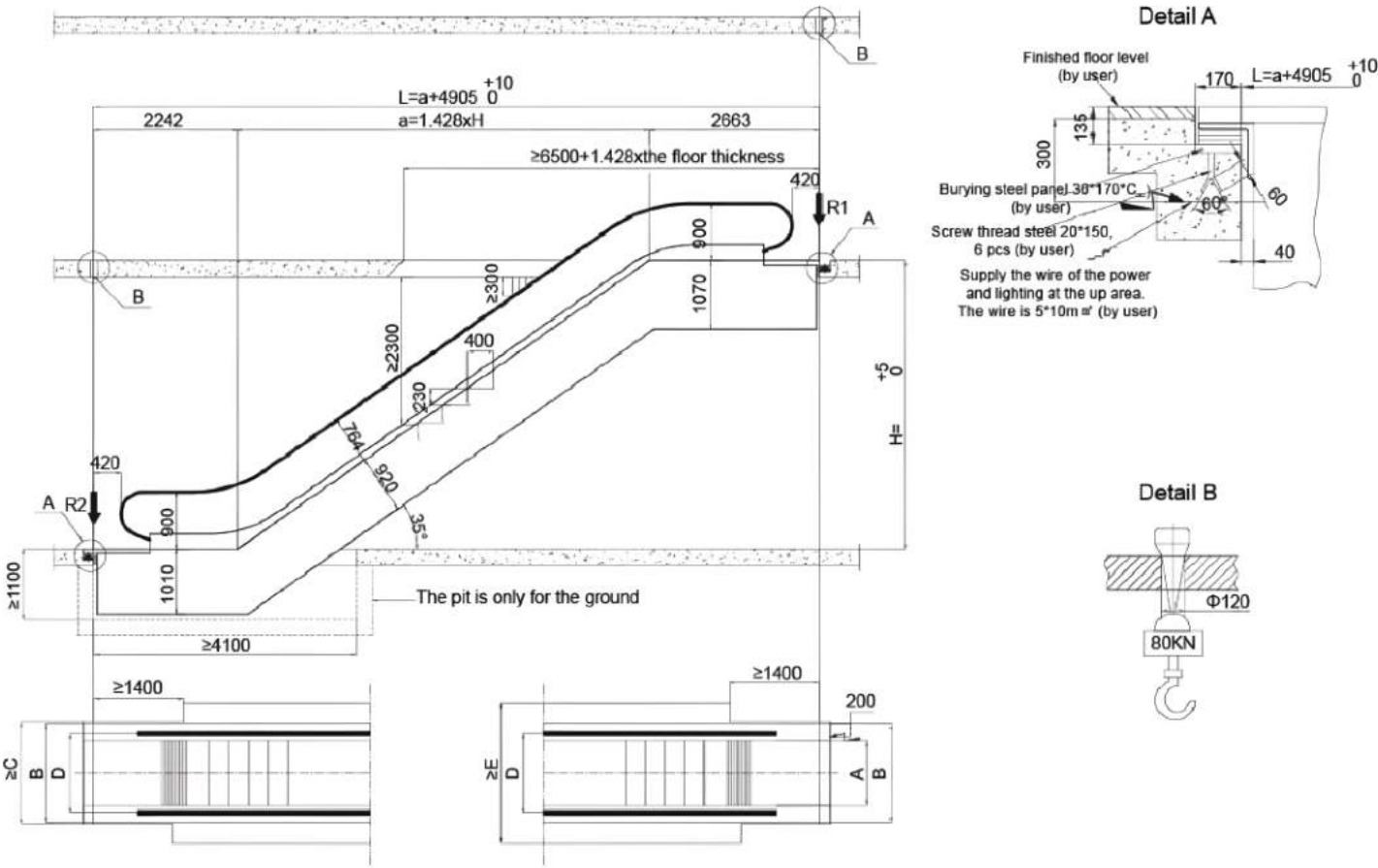
Model	SN-ES-600	SN-ES-800	SN-ES-1000
Step width	A 600	800	1000
Decorating width	B 1140	1340	1540
Construction open width	C 1200	1400	1600
Space between handrail	D 838	1038	1238
Construction open width	E 1778	1978	2178

Notes

* The layout drawing is suitable for the construction which the height is below 6m.
* If the step width is 600mm, 417mm shall be extended at the up of the truss.

Type	Specification parameter	
	SN-ES-600-30	
	SN-ES-800-30	
	SN-ES-1000-30	
Speed	0.5m/s	
Rise height	H≤6000mm	
Angle	30°	
Supporting R1	KN	
Supporting R2	KN	
Weight W	KN	
Power	Power supply	Three-phase AC 380V 50HZ
	Lighting supply	Single-phase AC 220V 50HZ

35° ESCALATOR CONSTRUCTION SKETCH



Reacting force

Step width	600	800	1000	Remark
R1(KN)	3.5xL+15.5	4xL+17	4.5xL+18.5	L=m
R2(KN)	3.5xL+10	4xL+11	4.5xL+11.5	

Power meter(Step width 1000mm speed 0.5m/s)

5.5KW	8KW	11KW
1.5m≤H≤3.5m	3.5m<H≤5.0m	5.0m<H≤6.0m

Table of rules of extension interior escalator's upper part

	Power				
	Step width	<15KW	15KW	2X11KW	2X15KW
Without VVVF	600	417	417		
	800	0	0	500	
	1000	0	0	500	800
With VVVF	600	417	417		
	800	0	200	500	
	1000	0	0	500	800

Standard specification and dimension

Model		SN-ES-600	SN-ES-800	SN-ES-1000
Step width	A	600	800	1000
Decorating width	B	1140	1340	1540
Construction open width	C	1200	1400	1600
Space between handrail	D	838	1038	1238
Construction open width	E	1778	1978	2178

Notes		Type	Specification parameter
*The layout drawing is suitable for the construction which the height is below 6m. *If the step width is 600mm, 417mm shall be extended at the up of the truss.			SN-ES-600-35
			SN-ES-800-35
			SN-ES-1000-35
Speed		0.5m/s	
Rise height		H≤6000mm	
Angle		35°	
Supporting R1		KN	
Supporting R2		KN	
Weight W		KN	
Power	Power supply	Three-phase AC 380V 50HZ	
	Lighting supply	Single-phase AC 220V 50HZ	