



**ACHIEVED MORE
THAN EXPECTED!**

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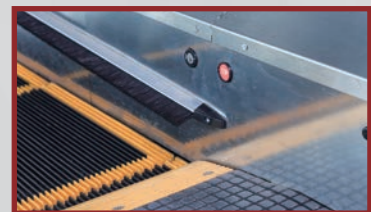
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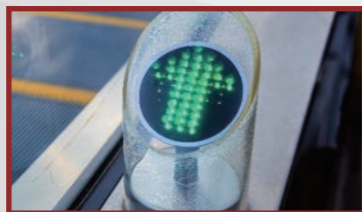




INTEN TEC Elevator



SKIRT PANEL BRUSH



RUNNING DIRECTION INDICATOR



AUTOMATIC LUBRICATION



CHAIN BROKEN DETECTOR



HANDRAIL OVERSPEED DETECTOR



ACCESS COVERS



HANDRAIL ENTRY DEVICE
DIRECTION INDICATOR



EMERGENCY STOP



SPECIFICATIONS OF ESCALATORS

Items	Specifications	
Angle of inclination(°)	30	35
Rise Height(m)	≤16	≤12
Step width(mm)	600 / 800 /1000	600 / 800 /1000
Quantities of horizontal steps	2 / 2, 3 / 3	2 / 2, 3 / 3
Running speed(m/s)	0.5	0.5
Power supply	380V , 50Hz, 3-phase	380V , 50Hz, 3-phase
Balustrade	Tempered glass(thickness:10mm)	Tempered glass(thickness:10mm)
Handrail bracket	Black:standard;Optional*	Black:standard;Optional*
Balustrade height(mm)	Standard:hairline stainless steel; Optional:Aluminum alloy	Standard:hairline stainless steel; Optional:Aluminum alloy
Inner&exterior decking plate	900 / 1000(public transport)	900 / 1000(public transport)
Skirting	Standard:hairline stainless steel; Optional:Aluminum alloy	Standard:hairline stainless steel; Optional:Aluminum alloy
Step	Standard:stainless steel; Optional:Aluminum alloy	Standard:hstainless steel; Optional:Aluminum alloy
Entrance landing plate	Standard:stainless steel; Optional:Aluminum alloy	Standard:hstainless steel; Optional:Aluminum alloy
Illumination	Lighing under upper & lower landing steps	Lighing under upper & lower landing steps
Indicators	Failure code indicator on control module	Failure code indicator on control module
Operation	Key switch / Inspection operation / Emergency stop button	Key switch / Inspection operation / Emergency stop button

*: Refer the list of“Optional configurations”.

SPECIFICATIONS OF MOVING WALKS

Items	Specifications	
Angle of inclination(°)	0-6	10 / 11 / 12
Horizontal spanlength(mm)	≤100	≤50
Step Width(mm)	800 / 1000	800 /1000
Running speed(m/s)	0.5	0.5
Power supply	380V,50Hz,3-phase	380V , 50Hz, 3-phase
Handrail colour	Black:standard;Optional*	Black:standard;Optional*
Handrail bracket	Standard:hairline stainless steel; Optional:Aluminum alloy	Standard:hairline stainless steel; Optional:Aluminum alloy
Balustrade height(mm)	900	900
Inner & exterior decking plate	Standard:hairline stainless steel; Optional:Aluminum alloy	Standard:hairline stainless steel; Optional:Aluminum alloy
Skirting	Standard:hairline stainless steel; Optional:Aluminum alloy	Standard:hairline stainless steel; Optional:Aluminum alloy
Pallet	Standard:stainless steel; Optional:Aluminum alloy	Standard:hstainless steel; Optional:Aluminum alloy
Entrance landing plate	Standard:stainless steel; Optional:Aluminum alloy	Standard:hstainless steel; Optional:Aluminum alloy
Illumination	Lighing under upper & lower landing steps	Lighing under upper & lower landing steps
Indicators	Failure code indicator on control module	Failure code indicator on control module
Operation	Key switch / Inspection operation / Emergency stop button	Key switch / Inspection operation / Emergency stop button

*: Refer the list of“Optional configurations”.

OPTIONAL CONFIGURATIONS:

Items	Specifications
Handrail colour	Green,Red,Blue, Yellow
Balustrade height	1000mm
Illumination	Skirting light
	Comb light
	Handrail light
Indicator	Indicator on exterior decking plate
Direction indicator	Running direction indicator on exterior decking plate
Step or pallets	Aluminum alloy
Entrance landing plate	Aluminum alloy(anti-skid)
Driving control	VVVF drive
Exterior cladding	Hairline stainless sheet / Painted steel sheet / Glass / Mirror stainless steel sheet
Heating device	To heat the escalator / moving walks ladder road.

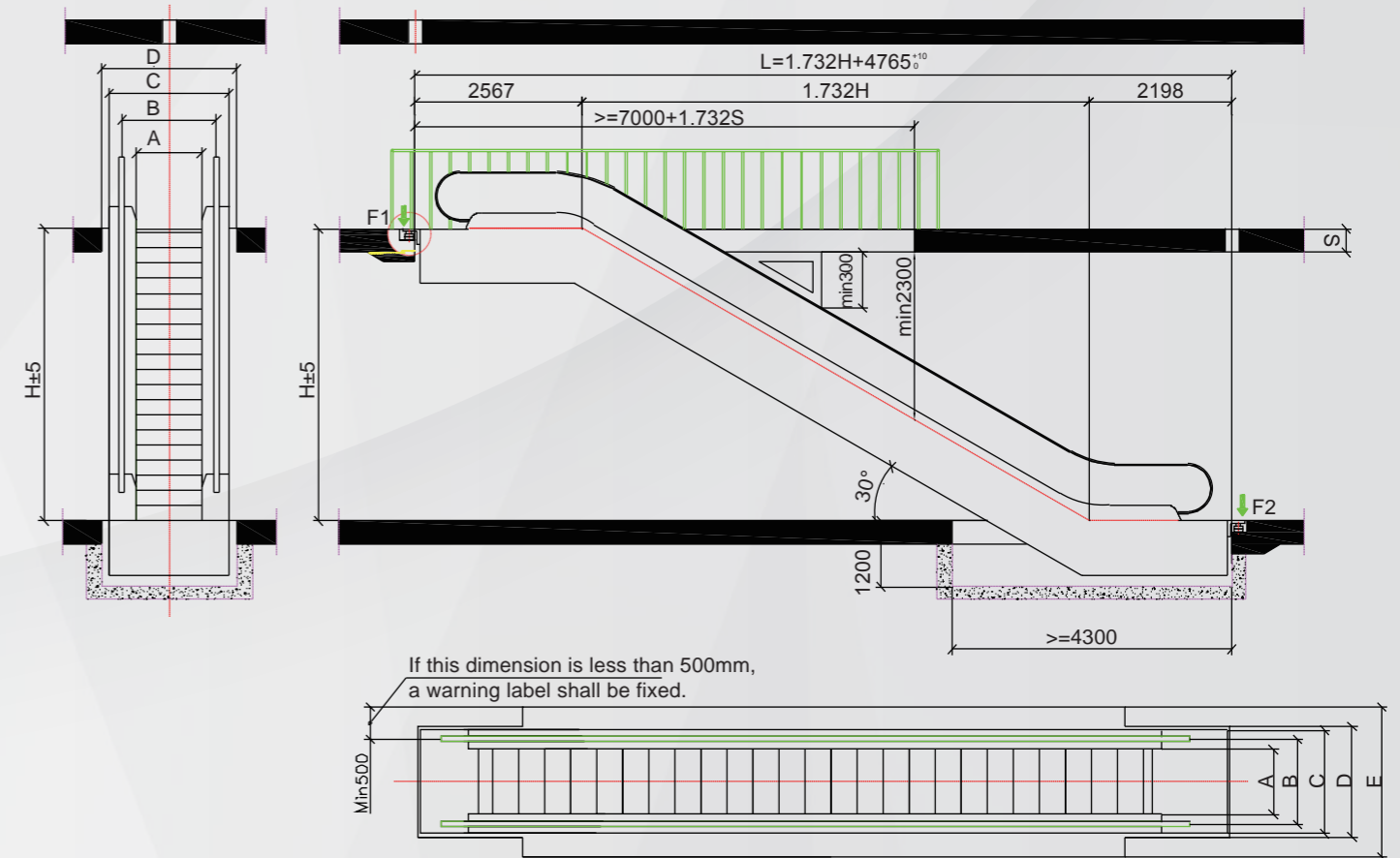
SPECIFICATIONS OF MOVING WALKS

NO.	Items	Specifications	Standard	Optional
1	Static electricity protection of step(pallet)	Eliminate static electricity arose form running of the steps(pallets).	■	
2	Static electricity protection of handrail	Eliminate static electricity arose form running of the handrail.	■	
3	Emergency stop button on entrance	Push the emergency stop button to stop the escalator(moving walk)against emergency occurring.	■	
4	Handrail entry safety protection	Prevent from being jammed into handrail entry.	■	
5	Over speed protection	Prevent from risk of speed being over 20% of rated speed.	■	
6	Under speed protection	Prevent from risk of speed being less than 20% of rated speed.	■	
7	Unintentional reversal protection	Prevent from unintentional reversal of the direction of travel.	■	
8	Phase failure protection	Prevent from phase failure.	■	
9	Short circuit protection	Prevent from short circuit.	■	
10	Over load protection	Prevent from motor continually over load.	■	
11	Step(pallet)loss protection	It stops immediately while the step(pallet) being detected is absent.	■	
12	Step(pallet)sagging protection	Prevent from steps(pallets) being breakage or sagging	■	
13	Step(pallet)chains safety protection	Prevent from steps(pallets) chains being breakage of undue elongation	■	
14	Comb safety guard	Protection against risk of the sundries being trapped into the comb.	■	
15	Inspection socket	To provide voltage to inspect or maintain.	■	

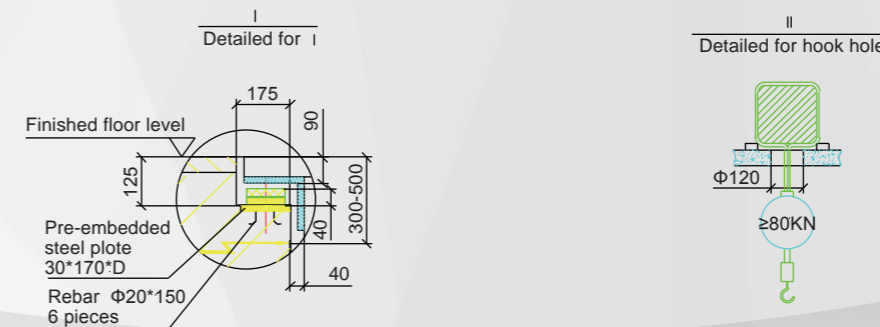
SPECIFICATIONS OF MOVING WALKS

NO.	Items	Specifications	Standard	Optional
16	Machine room guard plate	One safety plate separates machine room from movable parts such as step to protect service personnel.	■	
17	Emergency stop button on control cabinet	Push the emergency stop button to stop the escalator(moving walk) against emergency occurred while inspection or maintenance.	■	
18	Handrail speed-detection protection	While handrail speed is 15% lower than the step(pallet) speed, it will stop in 15 seconds.	■	
19	Handrail speed-detection protection	When the step(pallets) brake distance is 1.2 times larger than the stipulated distance, it prevents it from starting again.	■	
20	Skirting guard	Prevent from exterior objects being jammed into the clearance between steps(pallets) and skirting.	■	
21	Entrance plate anti-start protection	In case of entrance plate removed, it stops immediately.	■	
22	Main drive chains safety protection	Prevent from drive chains being breakage or undue elongation.	■	
23	Skirting brush	Brushes on skirting to enhance the passengers' safety.	■	
24	Traction machine's brake detection	While it detects the release condition of the traction machine's brake, it prevents it from starting before it's release.	■	
25	Anti-crawl device	It prevents the passengers from crawling to external handrail.		✿
26	Anti-skid device	The exterior cover plate being assembled are closed to handrail height, it prevents the passengers from accidental crawl, skid, fall		✿
27	Arrester	It prevents the passengers from entering into the area between wall and handrail, between two escalators(moving walks).		✿
28	Protection baffle	Protection baffle is set in the crossing of exterior handrail edge and any obstacle.		✿
29	Auxiliary brake	While it exceeds 1.4 times of the speed, the steps(pallets) and handrail's running direction is opposite to the indicated direction, auxiliary brake will stop the escalator(moving walk).		✿

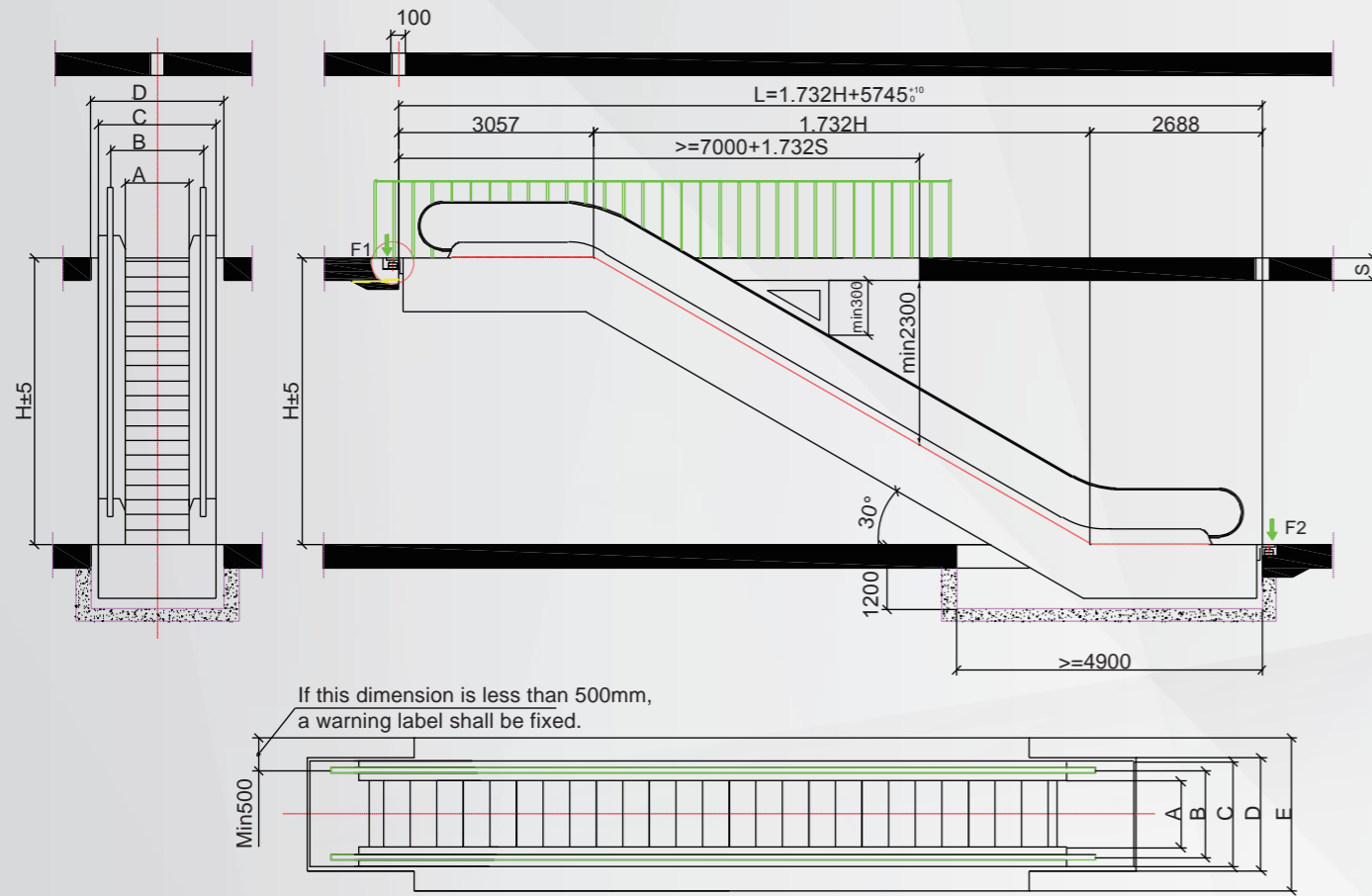
INT-EI/30°-2/2 ESCALATOR



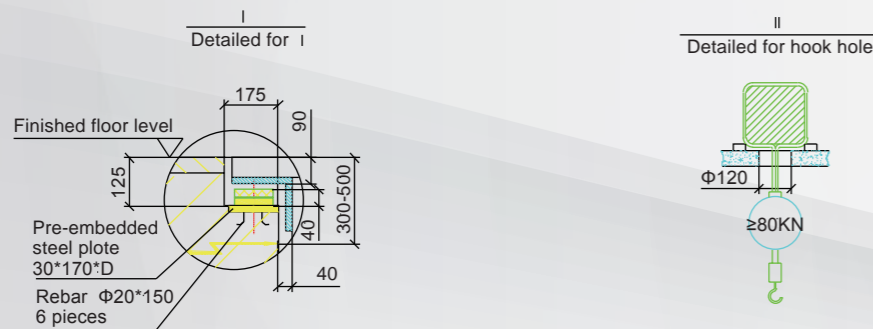
Note: S-The thickness of the floorslab



INT-EI/30°-3/3 ESCALATOR



Note: S-The thickness of the floorslab



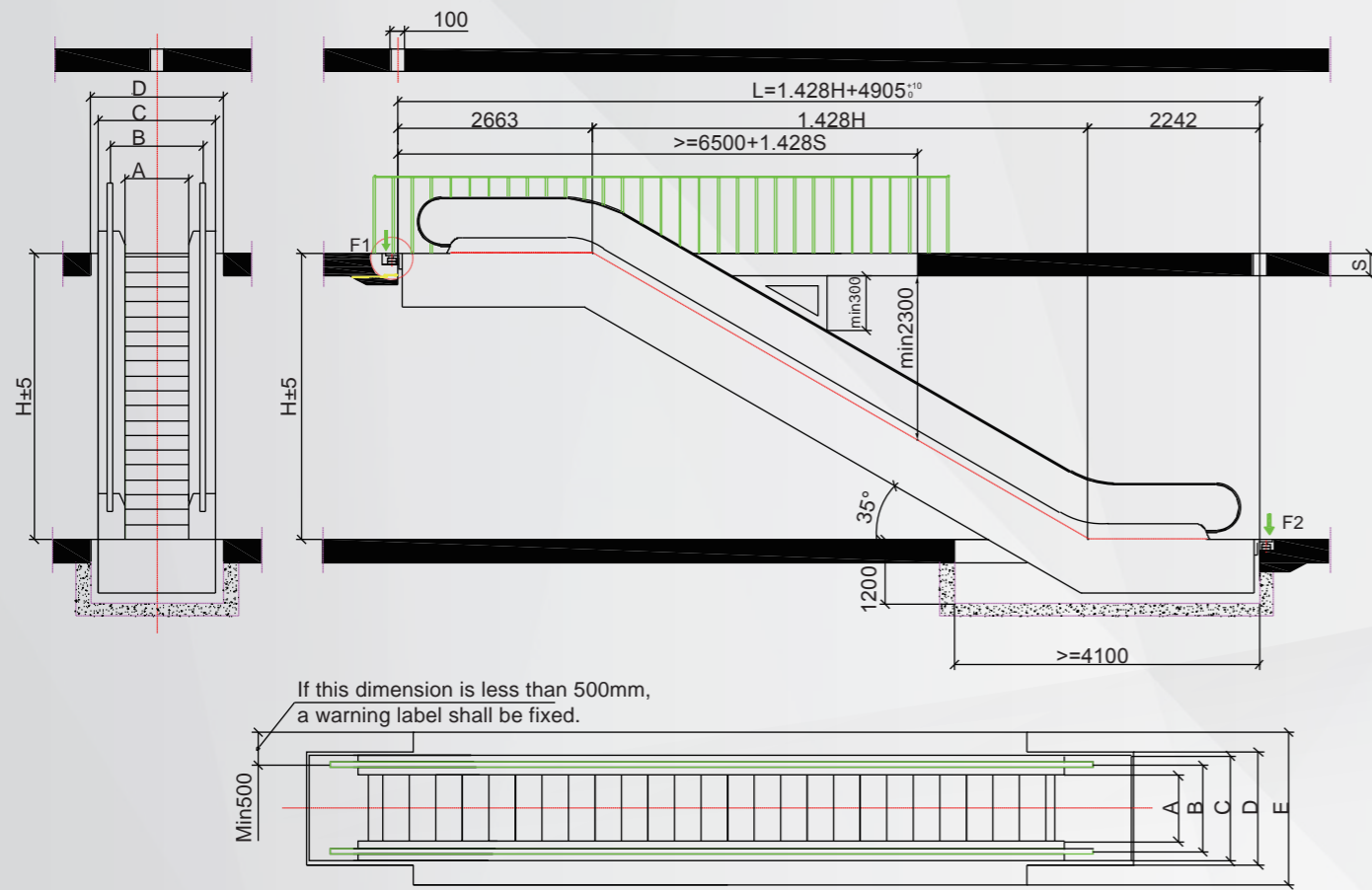
STANDARD SPECIFICATIONS

Code	Note	Datas		
A	Step Width(mm)	600	800	1000
B	Distances between handrails center line(mm)	838	1038	1038
C	Exterior dimensions of the Escalator(mm)	1200	1400	1600
D	Structure hole dimensions(mm)	≤1260	≤1460	≤1660
E	Structure hole dimensions(mm)	≤1838	≤2038	≤2238

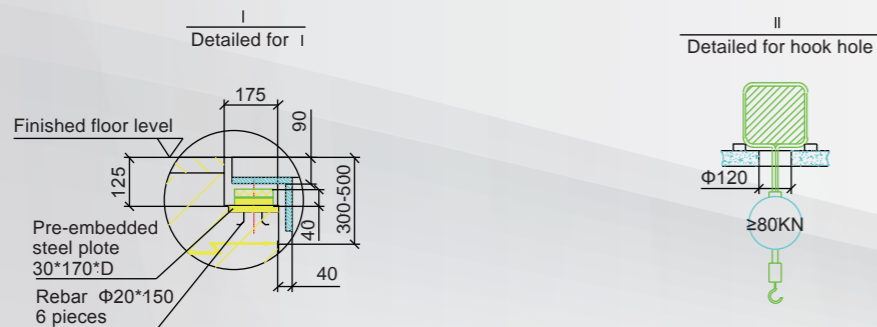
INT-EI/30° ESCALATOR REACTION FORCE & POWER

Step width	600mm				800mm				1000mm			
	Static load(KN)			Motor power (KW)	Static load(KN)			Motor power (KW)	Static load(KN)			Motor power (KW)
	N.W.	F1	F2		N.W.	F1	F2		N.W.	F1	F2	
3000	57	46	41	5.5	59	52	47	5.5	60	56	50	5.5
3500	60	49	44	5.5	63	56	50	5.5	64	60	53	8.0
4000	64	52	47	5.5	67	60	54	5.5	67	64	57	8.0
4500	68	56	50	5.5	71	64	57	5.5	71	67	60	8.0
5000	71	59	53	8.0	74	68	60	8.0	74	71	64	11.0
5500	75	62	56	8.0	82	74	66	11.0	82	77	69	11.0
6000	79	65	59	11.0	86	78	69	11.0	85	81	72	11.0

INT-EI/35° ESCALATOR



Note: S-The thickness of the floorslab



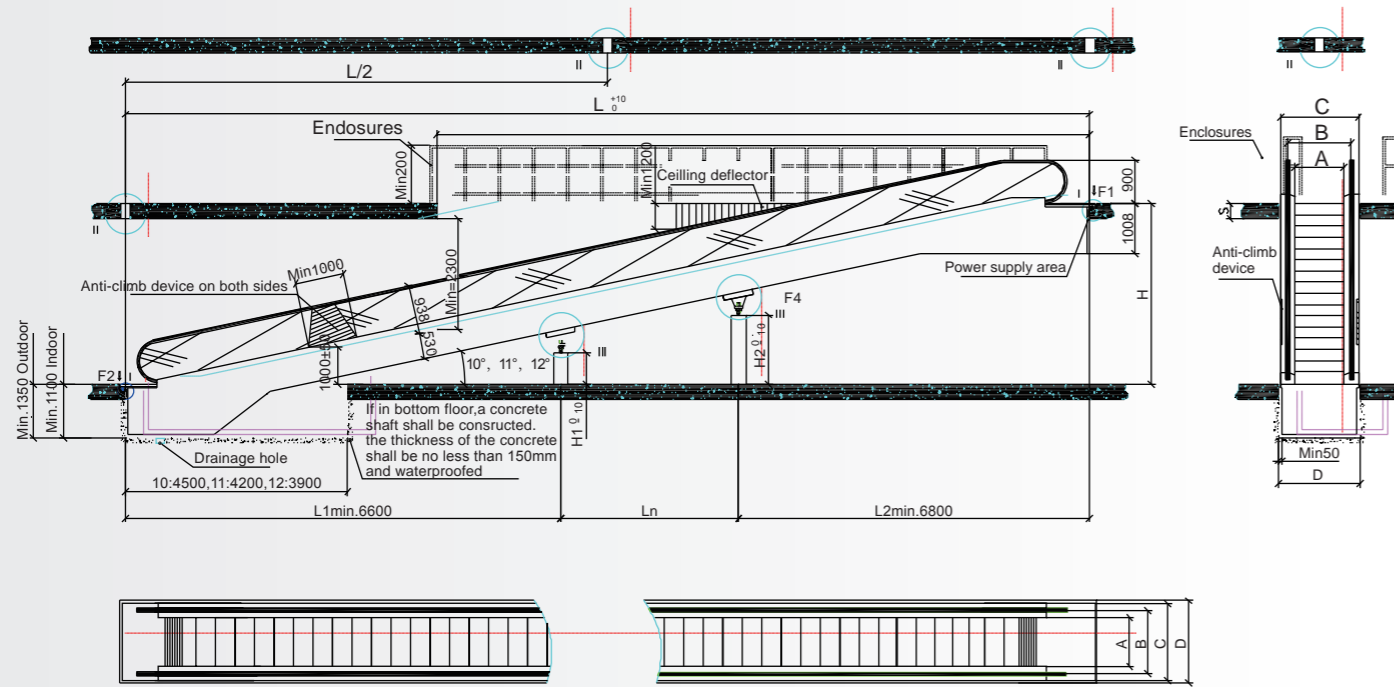
INT-EI/35° ESCALATOR STANDARD SPECIFICATIONS

Code	Note	Datas		
		600	800	1000
A	Step Width(mm)	600	800	1000
B	Distances between handrails center line(mm)	838	1038	1238
C	Exterior dimensions of the Escalator(mm)	1200	1400	1600
D	Structure hole dimensions(mm)	≤1260	≤1460	≤1660
E	Structure hole dimensions(mm)	≤1838	≤2038	≤2238

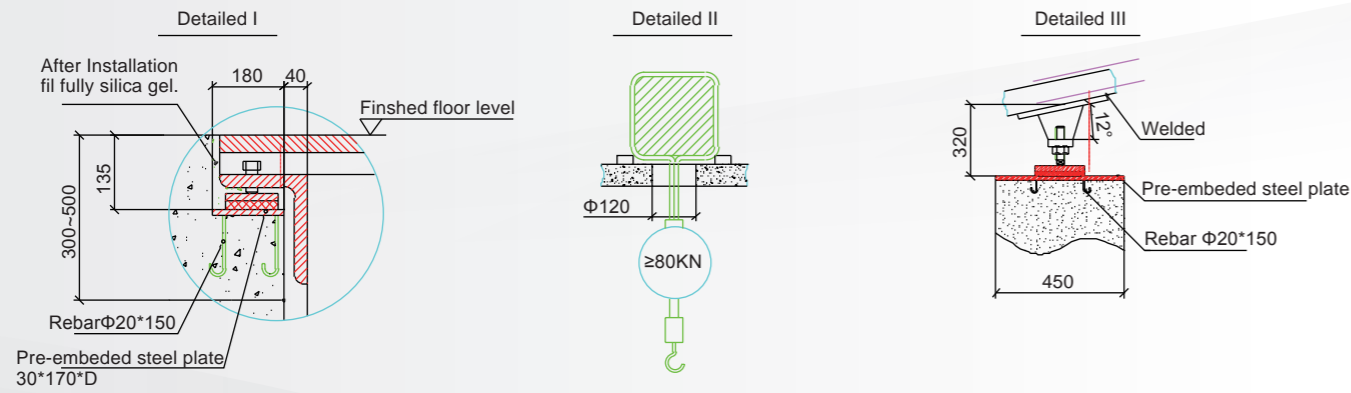
INT-EI/30° ESCALATOR REACTION FORCE & POWER

Step width	600mm				800mm				1000mm			
	Static load(KN)			Motor power (KW)	Static load(KN)			Motor power (KW)	Static load(KN)			Motor power (KW)
	N.W.	F1	F2		N.W.	F1	F2		N.W.	F1	F2	
3000	54	43	39	5.5	56	49	44	5.5	60	56	50	5.5
3500	57	43	41	5.5	60	52	47	5.5	64	60	53	8.0
4000	60	49	44	5.5	63	56	50	5.5	67	64	57	8.0
4500	64	52	46	5.5	66	59	53	8.0	71	67	60	8.0
5000	67	54	49	8.0	70	62	56	8.0	74	71	64	11.0
5500	70	57	51	8.0	73	65	59	8.0	82	77	69	11.0
6000	73	60	54	8.0	76	69	61	8.0	85	81	72	11.0

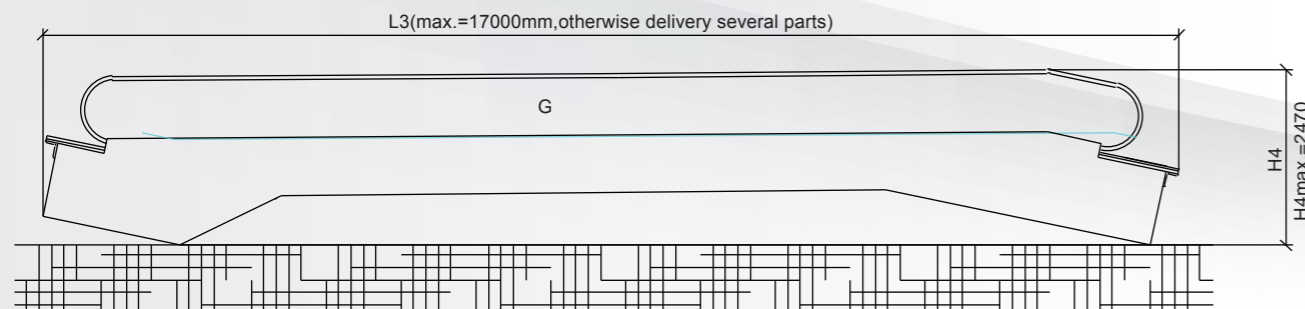
INT-MI / 10°/11°/12° MOVING WALK



Note: S-The thickness of the floor slab



10°: $L = (H+18.5) \times 5.6713 + 2719$; 11°: $L = H \times 5.1446 + 2719$; 12°: $L = (H-18.5) \times 4.7046 + 2719$



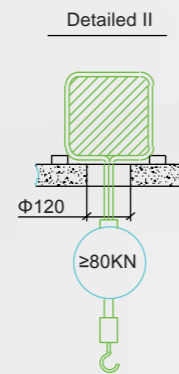
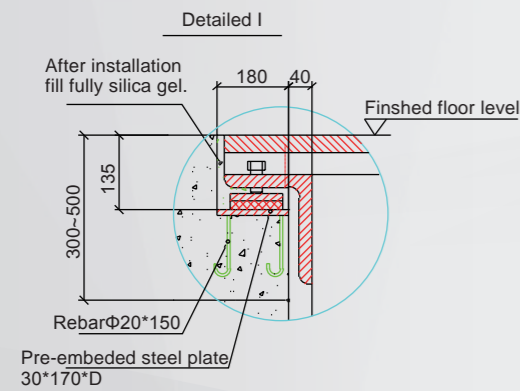
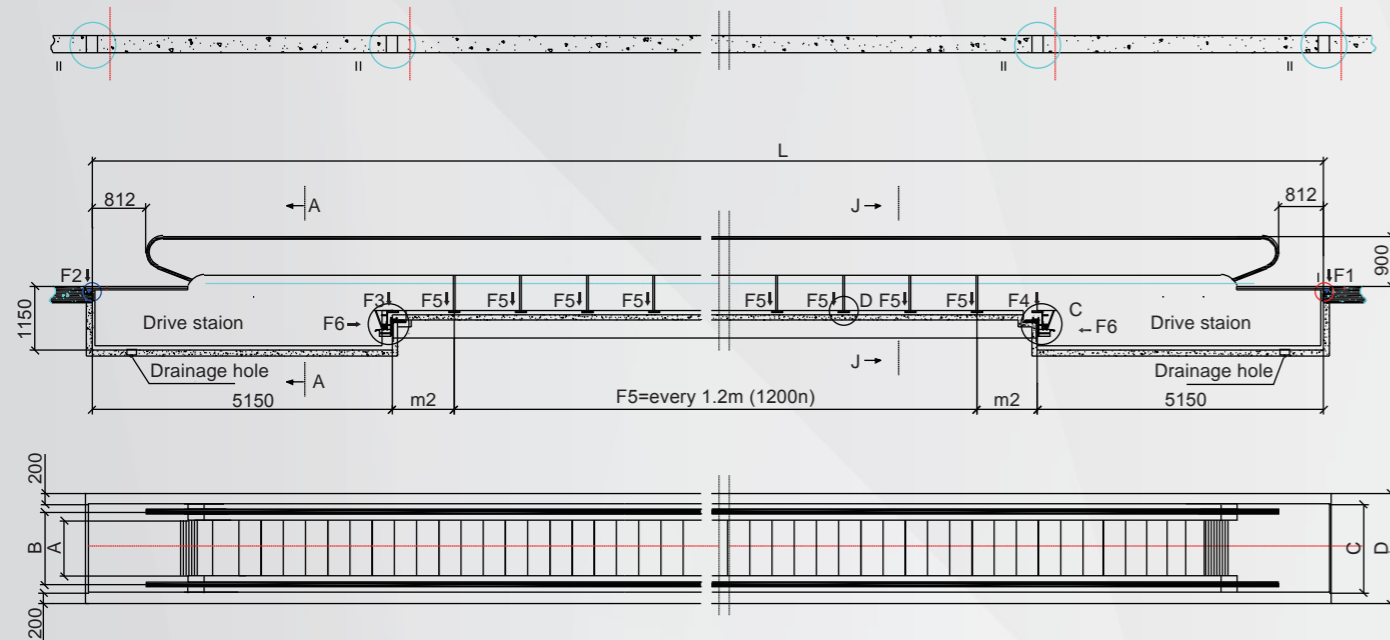
INT-MI / 10°/11°/12° MOVING WALK

Inclination	Rise	Length	Transit dimensions		Pallet width A = 800mm			Pallet width A = 800mm								
			in one part		Weight(KN)			Reaction force(KN)								
			H	L	H4	L3	G	G1	G2	F1	F2	F3	G	G1	G2	F1
10°	3000	19838	2460	20420	86	39	47	40	34	92	92	42	50	44	39	108
	4000	25509	2470	26180	104	48	56	46	41	119	111	51	60	53	47	139
	5000	31180	2470	31940	130	61	69	56	50	148	143	67	76	70	61	168
12°	3000	16746	2460	17380	77	34	43	36	30	78	82	37	45	40	35	91
	4000	21450	2470	22190	93	42	51	42	36	100	99	45	54	47	41	117
	5000	26155	2470	27000	106	49	57	47	41	122	116	54	62	56	48	143

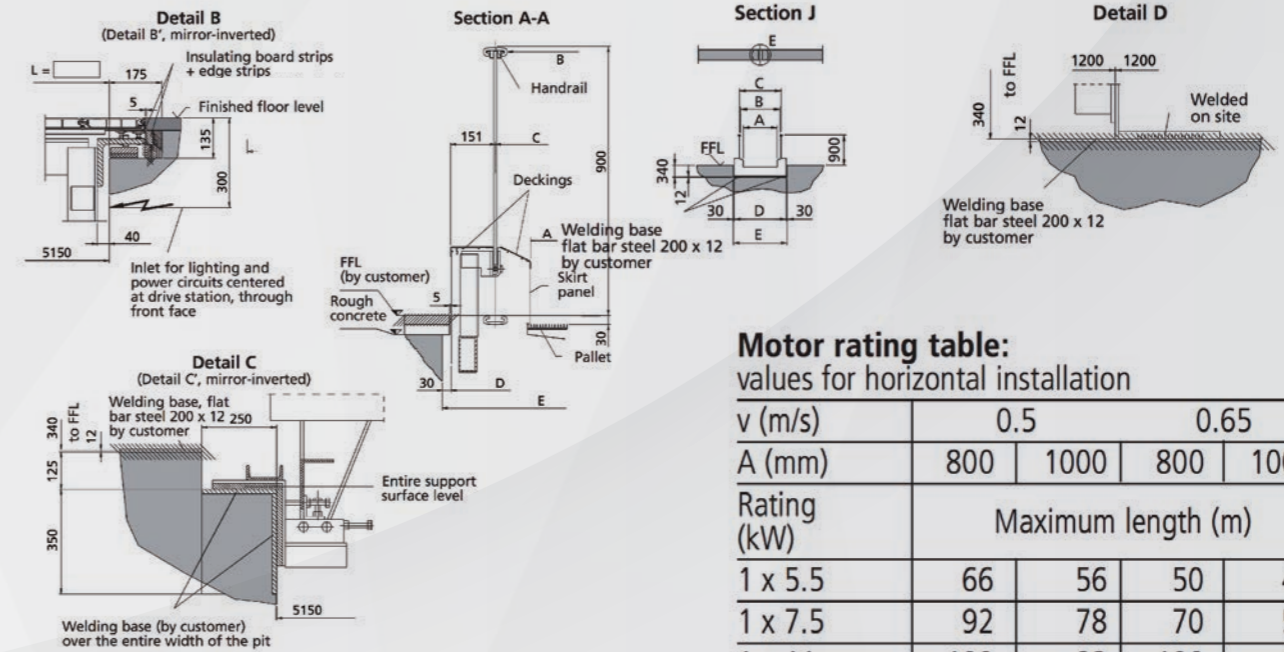
INT-MI / 10°/11°/12° MOVING WALK

Pallet width		800	1000		Unit:mm
A	Pallet width	800	1000	1 INT	10°: $H1 = L1 \times 0.1763 - 1161$
B	Handrails center distance	1038	1238		11°: $H1 = L1 \times 0.1944 - 1177$
C	Moving walk width	1340	1540		12°: $H1 = L1 \times 0.2126 - 1192$
D	Width of pit	1400	1600	2 INT	10°: $H1 = L1 \times 0.1763 - 1096$
L	Limiting span length	16300	15000		11°: $H1 = L1 \times 0.1944 - 1112$
H	Maximum rise	9300	7500		12°: $H1 = L1 \times 0.2126 - 1127$
					10°: $H2 = H1 + Ln \times 0.1763$
					11°: $H2 = H1 + Ln \times 0.1944$
					12°: $H2 = H1 + Ln \times 0.2126$

INT-MI / 10°/11°/12° MOVING WALK



INT-MI / 10°/11°/12° MOVING WALK



Motor rating table:

values for horizontal installation

v (m/s)	0.5		0.65	
A (mm)	800	1000	800	1000
Rating (kW)	Maximum length (m)			
1 x 5.5	66	56	50	42
1 x 7.5	92	78	70	59
1 x 11	100	92	100	88
1 x 15	-	100	-	100

Max. support loads

Pallet width(mm)	800	1000
F1	28	32
F2	22	26
F3	27	31
F4	28	33
F5	7.5	9
F6	29	35