SJEC
Elevators & Escalators
since 1992

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SJEC CORPORATION
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SJEC-0-ESCP-20160110

SJEC
Elevators & Escalators
since 1992

ESCALATOR & PASSENGER CONVEYOR

SJEC CORPORATION

SJEC

Elevators & Escalators

since 1992

A Committed, Reliable & Responsible Elevator & Escalator Manufacturer since 1992

Briefs

SJEC

Elevators & Escalators

since 1992

Pavilion of corporation

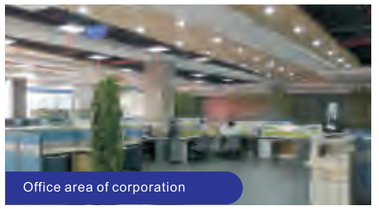
CORPORATION DATA:

- Land area: 138000m^2,
- Manufacturing area:76000m^2,
- Test tower height: 140m,
- Manpower: 2000

Corridor of corporation

ANNUAL MANUFACTURING CAPACITY:

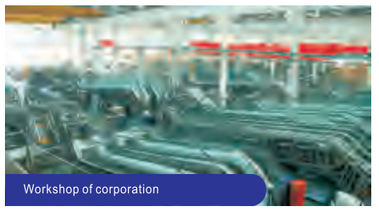
- 15000 units elevators,
  5000 units escalators and passenger conveyors



Office area of corporation

INTERNATIONAL CERTIFICATION:

- ISO9001,ISO14001,OHSAS18001and SA8000 by DNV,
- DIN18000-7 by SLV Duisburg Germany,
- Product Certificate by TÜV Germany,



Workshop of corporation

MARKETING:

- Products sold over 80 countries around the world. Such as Asia, Europe , Oceania, Africa, America and etc.

Manufacturing Facilities

SJEC
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Believed that best quality comes from the best equipment. SJEC has imported the world's first classic NC facilities, At present, SJEC has been updated its 6 sheet metal lines . there are 4KW laser cutting machine from MITSUBISHI, Turret punching machine from WIEDMANN, CNC Bending and shearing machine from KOMATSU, Processing lines from AMADA, Processing Center from CINCINNATI, Welding robot from YASKAWA and etc.
All these can well guarantee our manufacturing quality.


Workshop


Robot station


Turret punching and shearing machine


SALVAGNINI flexible product line


Welding robot


Laser cutting machine

FES Escalator

SJEC
Elevators & Escalators
since 1992

Silence and comfort. The new generation has inherited the traditional safety, reliability, high efficiency style and combined with updated market trends as well as tailored solutions. It is widely used for shopping malls, Hotels, office blocks and etc.

Type	FES
Inclination	30° /35°
Step width(mm)	600/800/1000
Horizontal step run (mm)	800/1200
Speed (m/s)	0.5
Power supply	AC 3 phase.5 wire50Hz/60Hz
Installation position	Indoor/Outdoor
Rise(m)	2~6/7.5 (Details as following)


Avnat mall, Israel

Rise (m)	Inclination	Horizontal step Qty
2~6	30°/35°	2
2~7.5	30°	3

Type	Standard	Optional
Balustrade design	Vertical safety glass (10mm safety tempered glass)	
Balustrade profile	Q235/SS	
Handrail	Black	Other colors
Deckings	Hairline SS	
Skirting panel	Hairline SS	
Step	Aluminum alloy Die-cast, gray color	
Landing plate	Punched SS	Etched SS/Extrude aluminum
Operation panel	Red emergency stop button and up/down key switch	


Brisbane Royal Hospital, Australia


Science&Technology Hall, Beijing China

FEH Escalator

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since 1992

Weatherproof and unique balustrade design, conform to special customer specifications.It is suit for airport, subway and overpass etc.

Type	FEH
Inclination	30° / 35°/23.2° /27.3°
Step width(mm)	600/800/1000
Horizontal step run (mm)	800/1200/1600
Speed (m/s)	0.5/0.65
Power supply	AC 3 phase.5 wire50Hz/60Hz
Installation position	Indoor/Outdoor
Rise(m)	2~6/8/12/15(Details as following)

Rise (m)	Inclination	Horizontal step Qty	Upper radius(mm)
2~6	30°/35°	2	1500
2~8	30°	3	1500
2~12 (max. speed 0.65m/s)	23.2°/27.3°/ 30°	3/4	2700
2~15(max. speed 0.5m/s)	23.2°/27.3°/ 30°	3/4	2700

Type	Standard	Optional
Balustrade design	Vertical safety glass(10mm safety tempered glass)	Inclined SS
Balustrade profile	Hairline SS	
Handrail	Black	Other colors
Deckings	Hairline SS	
Skirting panel	Hairline SS	
Step	Aluminum alloy Die-cast, gray color	
Landing plate	Etched Stainless steel	Extrude aluminum with surface of stainless steel/Extrude aluminum
Operation panel	Red emergency stop button and up-down key switch	


Xiamen, China


Sydney, Australia

Passenger Conveyor

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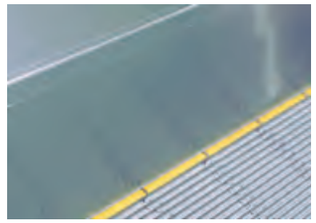
Is reliable, high efficiency, easy for maintenance , which is suit for hypermarket and airport .

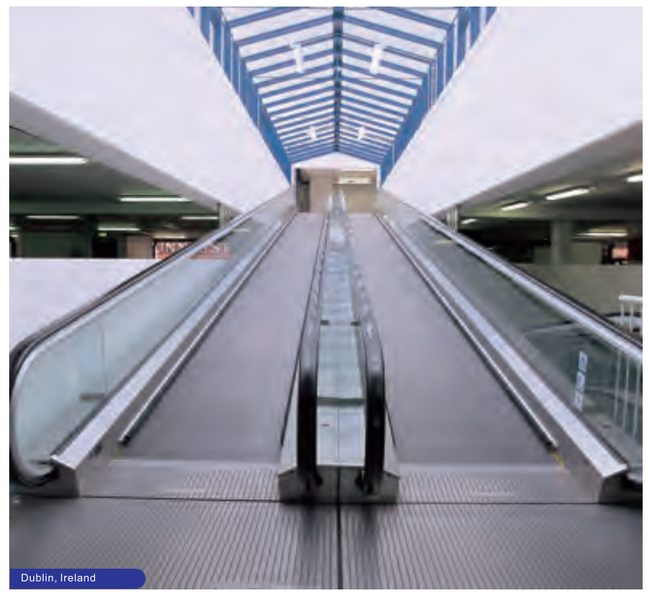


Specs	Passenger conveyor		
Type	FET	FEF	FEW
Inclination	10° 11° 12°	10° 11° 12°	0°– 6°
Pallet width (mm)	800/1000	800/1000	1000/1200/1400
Horizontal pallet run (mm)	400(upper landing)	400/800	N/A
Speed (m/s)	0.5		
Power supply	AC 3 phase.5 wire50Hz/60Hz		
Installation position	Indoor/Outdoor		
Rise/Length(m)	H: 2~7.5	H: 2~7.5	L: 20~120

Type	Standard	Optional
Balustrade design	Vertical safety galss(10mm safety tempered glass)	Inclined SS for FEW
Balustrade profile	Hairline SS	
Handrail	Black	Other colors
Deckings	Hairline SS	
Skirting panel	Hairline SS	
Pallet	Die-cast aluminum	
Landing plate	Punched SS	Etched SS/Extrude aluminum
Operation panel	Red emergency stop button and up-down key switch	

Auchan, China


NCC,Sweden


Dublin, Ireland

Standard Features

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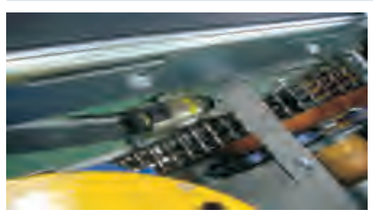
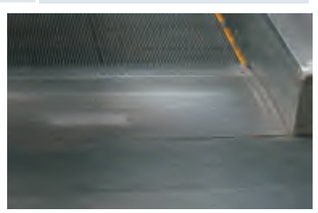
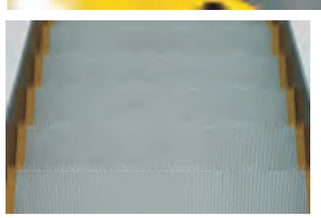
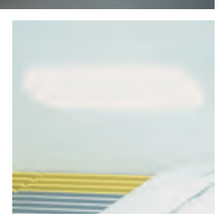
Standard	FES	FEH	FET/FEF/FEW
Automatic Lubrication System	●	●	●
Alarm buzzer	●	●	●
Brake Distance Monitor	●	●	●
Comb Contacts	●	●	●
Emergency stop buttons	●	●	●
Fire Interface	●	●	●
Fault & Status Display	●	●	●
Handrail anti-static roller	●	●	●
Handrail Entry Contacts	●	●	●
Handrail Speed Monitor	●	●	●
Landing Plate Contact	●	●	●
Motor Overheat	●	●	●
Maintenance Interlock Protection	●	●	●
Phase Monitor	●	●	●
Safety Brake on Main shaft		●	
Speed Monitor with Electrical Reverse Detection	●	●	●
Step/Pallet anti-static brush	●	●	●
Step/Pallet chains contacts	●	●	●
Step/Pallet Missing Monitor	●	●	●
Step/Pallet reversing fences	●	●	●
Step/Pallet sag contacts	●	●	●
Soft Stop	●	●	●
Service brake release contact	●	●	●



Optional Features

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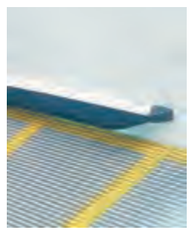
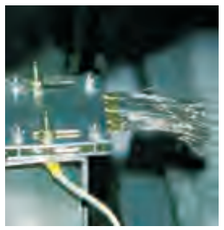
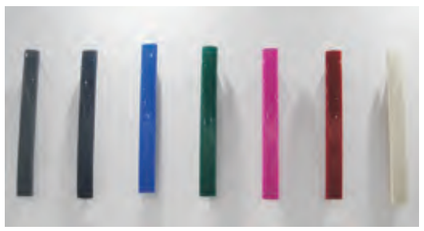
Optional	FES	FEH	FET/FEF/FEW
Auto-Start	●	●	●
Cable Connector for intersection	●	●	●
Comb Heating System	●	●	●
Comb Light	●	●	●
Drive-chain Contact	●	●	●
Dry Contact for Remote Monitoring System	●	●	●
Float Contact	●	●	●
Handrail Broken Contact	●	●	●
Handrail Colour	●	●	●
Outside Cladding	●	●	●
Skirting Brush	●	●	●
Safety Brake on Main Shaft	●		●
Skirting Contacts	●	●	●
Step Gap Illumination	●		
Skirting Lighting (LED Dot Light)	●	●	●
Step/Pallet Colour	●	●	
Step Safety Demarcation	●	●	
Step Upthrust Contact	●		
Truss Heating System	●	●	●
Traffic Light	●	●	●
VVVF Control	●	●	●



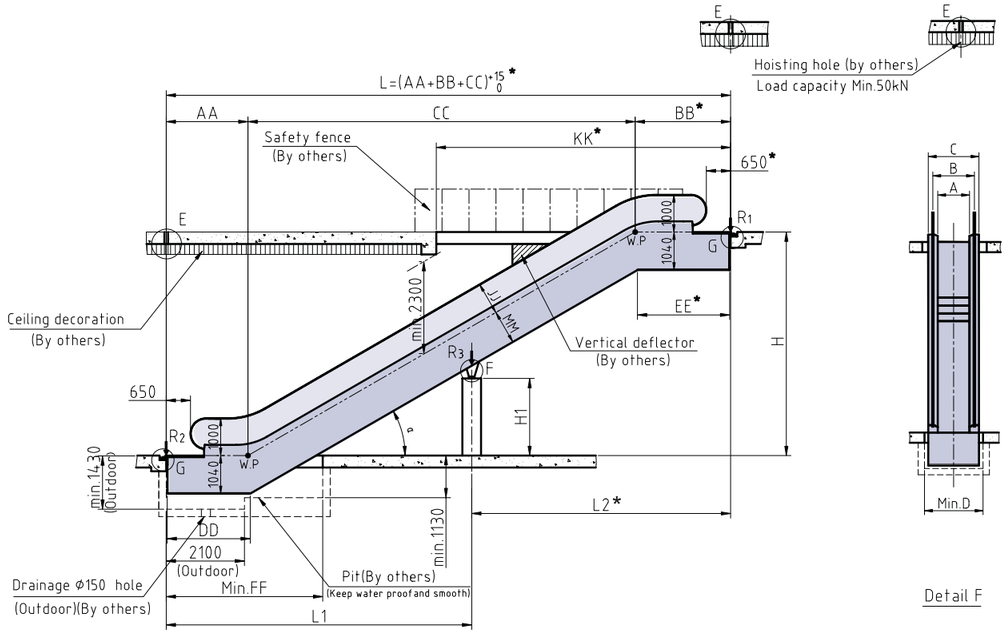




FES Layout for Commercial Escalator

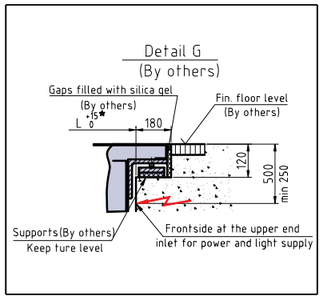


For slim-vertical balustrade

A	600	800	1000
B	837	1037	1237
C	1145	1345	1545
D	1200	1400	1600
E	1720	1920	2120

Type	a	AA	BB	CC	DD	EE	FF	JJ	KK	MM
FES-302	30°	2195	2449	H X 1.732	2230	2355	4200	870	7800	960
FES-352	35°	2229	2510	H X 1.428	2385	2312	4000	850	7000	980
FES-303	30°	2595	2964	H X 1.732	2630	2870	4600	870	8300	960

A	Reaction Force(KN)	
	W/o intermediate support	With one intermediate support
600	R1=3.35×L+15.5	R1=3.35×L2+11.5
	R2=3.35×L+10	R2=3.35×L1+4.5
		R3=3.35×L+3.5
800	R1=3.7×L+17	R1=3.7×L2+12
	R2=3.7×L+11	R2=3.7×L1+4.7
		R3=3.7×L+4
1000	R1=4.15×L+18.5	R1=4.15×L2+12.5
	R2=4.15×L+11.5	R2=4.15×L1+4.9
		R3=4.15×L+4.5
Note: 1.L、L1 、L2 is in meter		



NOTE:

1.Height above sea level
Height above sea level of the placed escslators shall be no greater than 1000m.in case of particular,please contact SJEC.

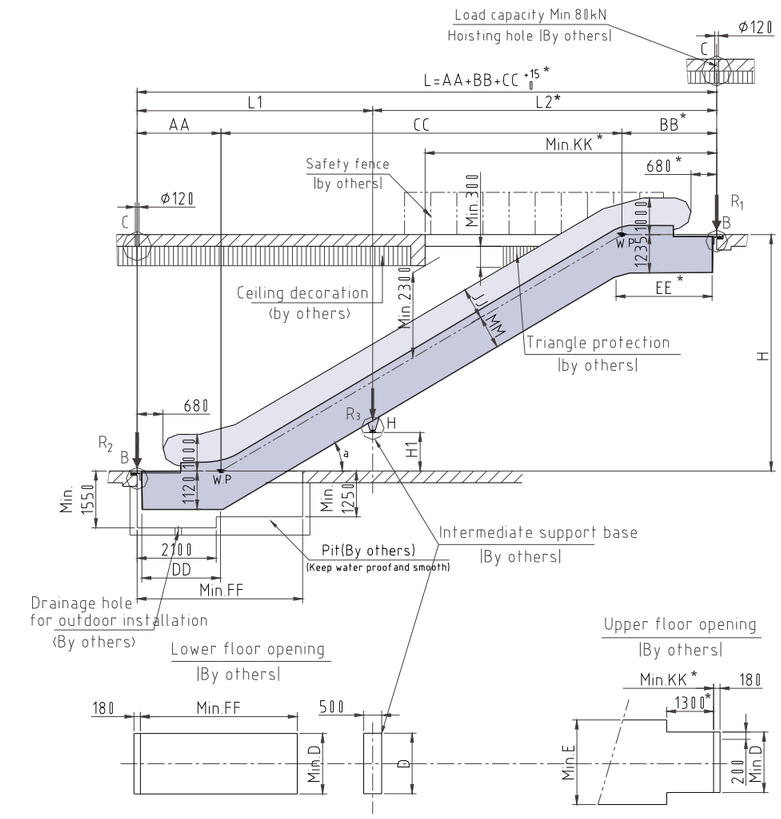
2.If one of the following situations is met, the dimensions with mark * shall be extended 500mm
(1) 600 mm step.
(2)double drive .
(3)VVVF and power exceeds 11KW.
(4)Main power 200Vgrade and motor power more than 7.5KW.

3. Client shall prodive the intermediate support base which can be made by the reinforced concrete or metallic structure in right position in case of horizontal distance L over 15 m.

4. The requirememts of escalators and building interfaces in Figure1 ~Figure 5 accord with the national standards (EN115-1:2008+A1:2010). If doubt, please contact SJEC.

We reserve the right to alter some of specifications and descriptions given here in without prior notices.

FEH Layout for Public Service Escalator



For inclined balustrade

A	600	800	1000
B	910	1110	1310
C	1195	1395	1595
D	1270	1470	1670
E	1790	1990	2190

For slim-vertical balustrade

A	600	800	1000
B	837	1037	1273
C	1195	1395	1595
D	1270	1470	1670
E	1790	1990	2190

A	Reaction Force(KN)	
	W/o intermediate support	With one intermediate support
600	R1=4.05×L+16.3	R1=4.05×L2+14
	R2=4.05×L+8.5	R2=4.05×L1+7
		R3=4.2×L+10
800	R1=4.45×L+17	R1=4.45×L2+16
	R2=4.45×L+9.5	R2=4.45×L1+7.5
		R3=4.7×L+11
1000	R1=4.95×L+19.5	R1=4.95×L2+17.2
	R2=4.95×L+10.5	R2=4.95×L1+8.3
		R3=5.2×L+11.3
Note: 1.L、L1 and L2 is in meter 2.L1 anf L2 do not exceed 15m.		

NOTE:

1.Height above sea level
Height above sea level of the placed escslators shall be no greater than 1000m.in case of particular,please contact SJEC.

2.If one of the following situations is met, the dimensions with mark* shall be extended 500mm
(1) 600 mm step.
(2) double drive.
(3) VVVF.
(4)Main power 200Vgrade and motor power more than 7.5KW.

3. Client shall prodive the intermediate base which can be made by reinforced concrete or metallic structurein right position in case of horizontal distance L over 15 m.

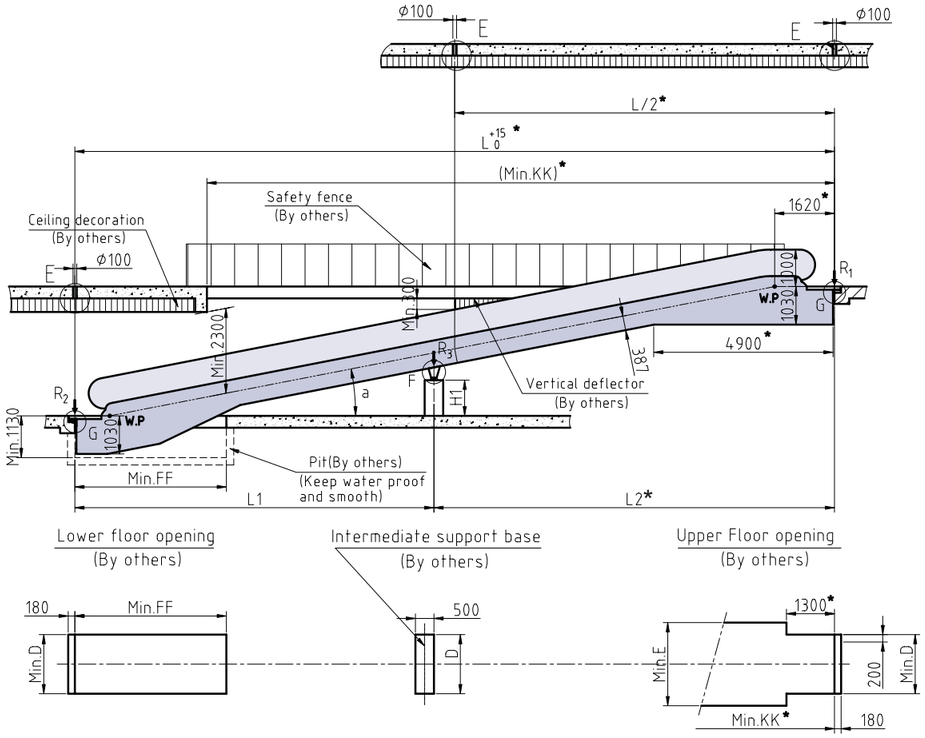
4. The requirememts of escalators and building interfaces in Figure1~Figure 5 accord with the national standards (EN115-1:2008+A1:2010). If doubt, please contact SJEC.

5.V:Inclined Balustrade
T:Vertical Balustrade

Type	a	Upper radius	AA	BB	CC	DD	EE	FF	JJ (for inclined balustrade)	JJ (for vertical balustrade)	MM	KK
FEH302	30	1500	2231	2598	Hx1.732	2370	2815	4530	870	870	1060	8000
FEH303	30	1500	2631	2998	Hx1.732	2770	3215	4930	870	870	1060	8400
FEH352	35	1500	2266	2682	Hx1.428	2505	2780	4420	850	850	1080	7200
FEH233	23.2	2700	2898	3220	Hx2.333	2885	3730	5700	901	919	1040	10200
FEH234	23.2	2700	3298	3620	Hx2.333	3285	4130	6100	901	919	1040	10600
FEH273	27.3	2700	2945	3350	Hx1.938	3047	3613	5450	882	900	1060	9800
FEH274	27.3	2700	3345	3750	Hx1.938	3447	4013	5850	882	900	1060	10200
FEH303	30	2700	2863	3283	Hx1.732	3000	3500	5160	870	870	1060	8800
FEH304	30	2700	3263	3683	Hx1.732	3400	3900	5560	870	870	1060	9220

We reserve the right to alter some of specifications and descriptions given here in without prior notices.

FET Layout for Passenger Conveyor

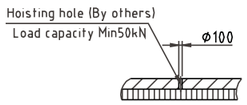


Lower floor opening (By others)

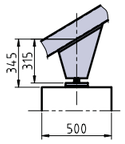
Intermediate support base (By others)

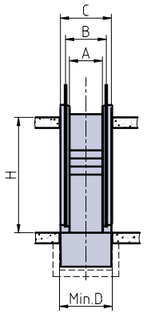
Upper Floor opening (By others)

Hoisting hole (By others)
Load capacity Min50kN



Detail F





A	800	1000
B	1037	1237
C	1345	1545
D	1400	1600
E	1920	2120

Type	A	L	KK	FF
FET10	10°	H×5.671+2650	17700	4250
FET11	11°	H×5.145+2555	16700	4150
FET12	12°	H×4.705+2475	15800	4000

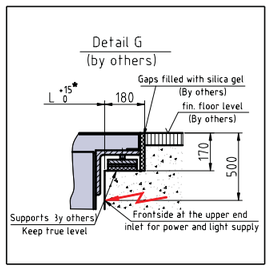
A	Reaction Force(KN)
800	R1=3.45×L2+12.5
	R2=3.45×L1+4
	R3=4×L+14.5
1000	R1=3.85×L2+14
	R2=3.85×L1+4.5
	R3=4.5×L+15.5

Note: 1.L, L1 and L2 is in meter
2.L1 and L2 do not exceed 10m
3.Applicable in case of one intermediate support ,or else, contact us

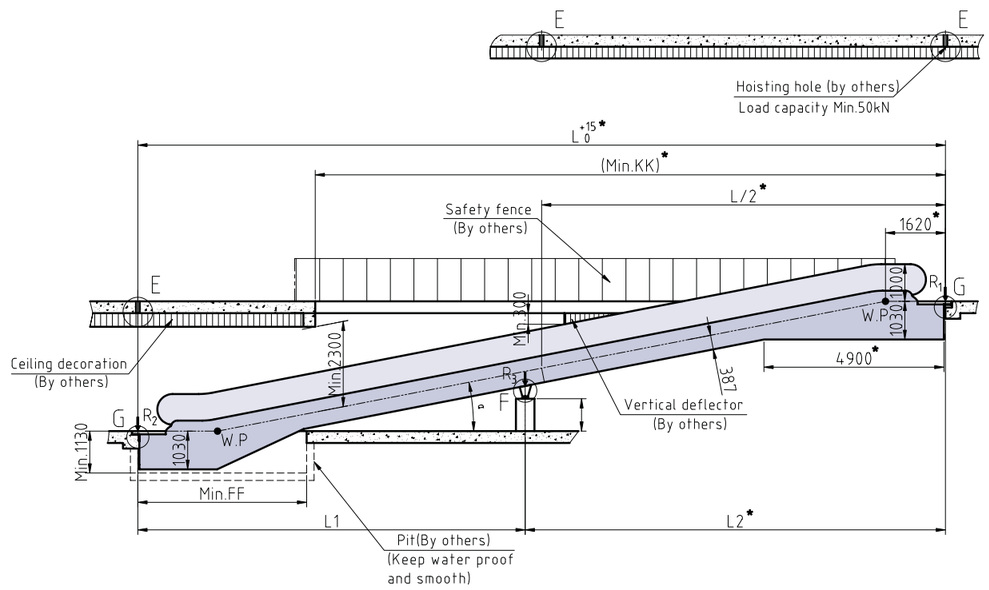
NOTE:

1. Height above sea level
   Height above sea level of the placed moving walks shall be no greater than 1000m.in case of particular, please contact SJEC.
2. If one of the following situations is met, the dimensions with mark* shall be extended 500mm
   (1) double drive.
   (2) VVVF.
   (3) Main power 200Vgrade and motor power more than 7.5KW.
3. Client shall prodive the intermediate support base which can be made by the reinforced concrete or metallic structure in right position in case of horizontal distance L over 10 m.
4. The requirememts of moving walks and building interfaces in Figure1 ~Figure 5 accord with the national standards (EN115-1:2008+A1:2010). If doubt, please contact SJEC.

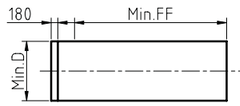
Detail G (by others)



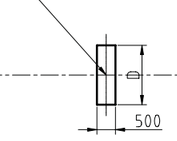
FEF Layout for Passenger Conveyor



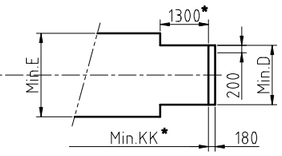
Lower floor opening (By others)



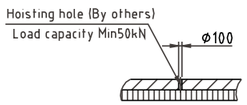
Intermediate support base (By others)



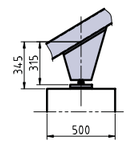
Upper Floor opening (By others)

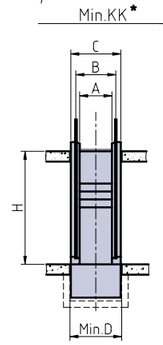


Hoisting hole (By others)
Load capacity Min50kN



Detail F





A	800	1000
B	1037	1237
C	1345	1545
D	1400	1600
E	1920	2120

Type	A	L	KK	FF
FEF10	10°	H×5.671+3945	17700	4750
FEF11	11°	H×5.145+3755	16700	4550
FEF12	12°	H×4.705+3595	15800	4500

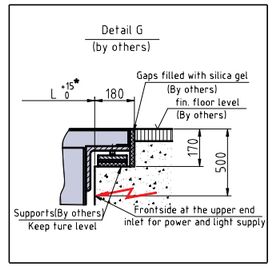
A	Reaction Force(KN)
800	R1=3.45×L2+12.5
	R2=3.45×L1+4
	R3=4×L+14.5
1000	R1=3.85×L2+14
	R2=3.85×L1+4.5
	R3=4.5×L+15.5

Note: 1.L, L1 and L2 is in meter
2.L1 and L2 do not exceed 10m
3.Applicable in case of one intermediate support ,or else, contact us

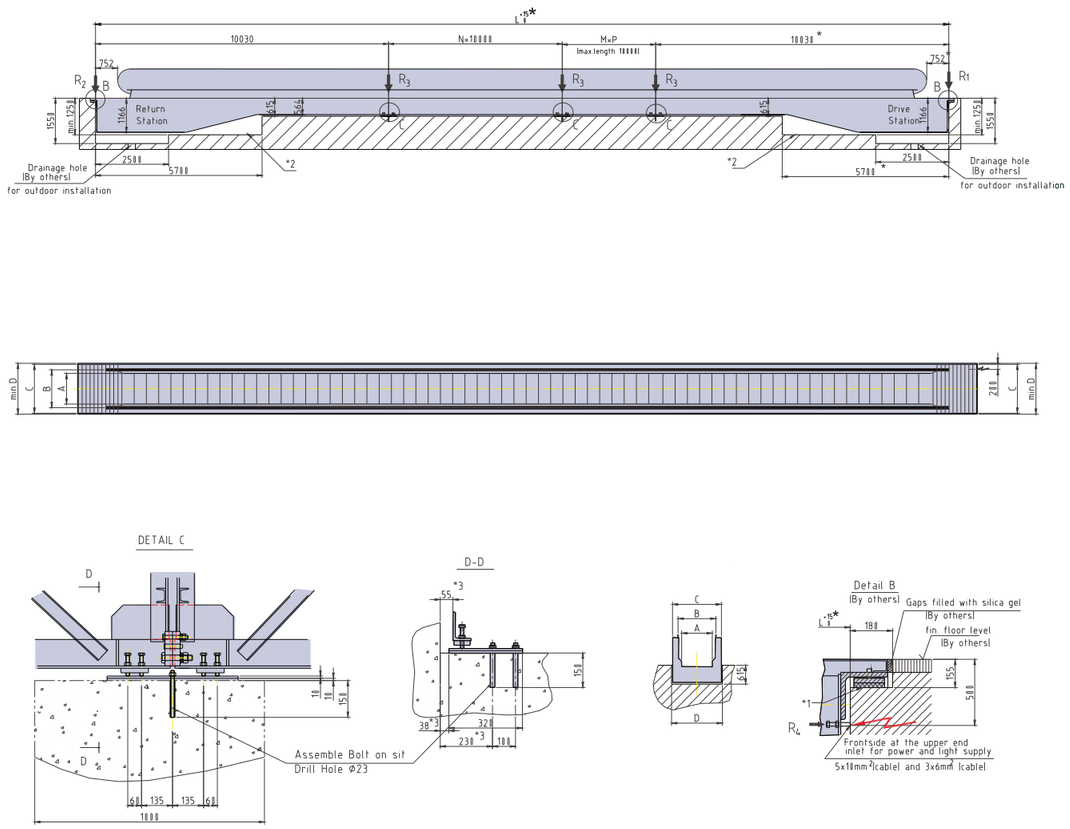
NOTE:

1.Height above sea level
Height above sea level of the placed moving walks shall be no greater than 1000m.in case of particular, please contact SJEC.
2.If one of the following situations is met, the dimensions with mark* shall be extended 500mm
(1)double drive .
(2)VVVF.
(3)Main power 200Vgrade and motor power more than 7.5KW.
3. Client shall prodive the intermediate support base which can be made by the reinforced concrete or metallic structure in right position in case of horizontal distance L over 10 m.
4. The requirememts of moving walks and building interfaces in Figure1 ~Figure 5 accord with the national standards (EN115-1:2008+A1:2010). If doubt, plase contact SJEC.

Detail G (by others)



FEW layout for Passenger Conveyor



Inclined balustrade

A	1000	1200	1400
B	1310	1510	1710
C	1595	1795	1995
D	1670	1870	2070

Vertical balustrade

A	1000	1200	1400
B	1237	1437	1637
C	1595	1795	1995
D	1670	1870	2070

A	1000	1200	1400
Reaction Force（KN）			
R1	55	64	73
R2	53	61	69
R3	90	110	125
R4	5	5	5

Note:
1.Mark:
① Mark*1:Supports need to be in true level
② Mark*2:If there is pit, pit need to be water proof and smooth
③ Mark*3: If dimension D is changed, the dimension marked should be adjusted
2.According to EN115, the entrance of bothing landing must have enough area to facilitate the traffic flow
3.If one of the following situations is met, the dimensions with mark * shall be extended 500mm.
(1)double drive
(2)VVVF
(3)Main power 200Vgrade and motor power more than 7.5KW.

4. All dimensions refer to finished dimension are in mm.

We reserve the right to alter some of specifications and descriptions given here in without prior notices.

Project Highlight

SJEC
Elevators & Escalators
since 1992


Chennai train station, India


Chennai airport, India


Suzhou railway station, china.


Delhi Metro, India


Sevilla metro,Spain


Tianjin, China

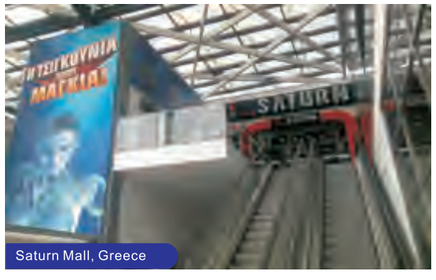

House of Fraser Shopping Mall,England


Rio de Janeiro airport, Brazil


Festival Market, Taiwan


Sorya Shopping Mall, Cambodia


Cologne, Germany



Saturn Mall, Greece


Valencia Cultural Center, Spain