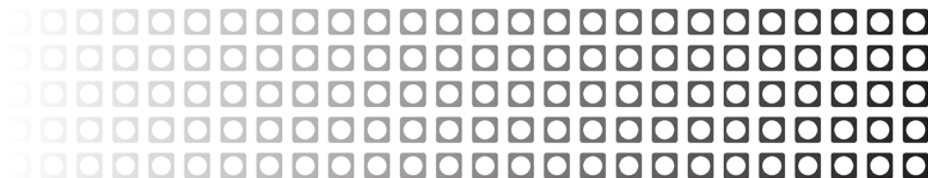


# ► Range of Application Escalators



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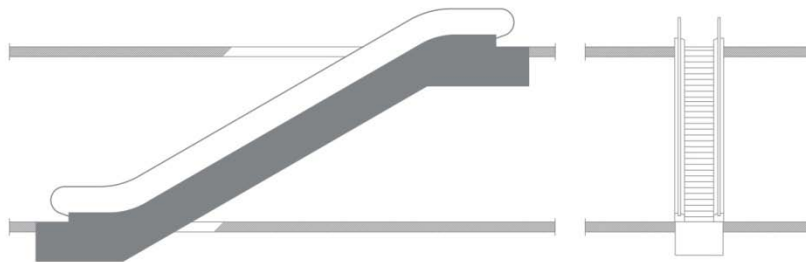
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## Arrangements

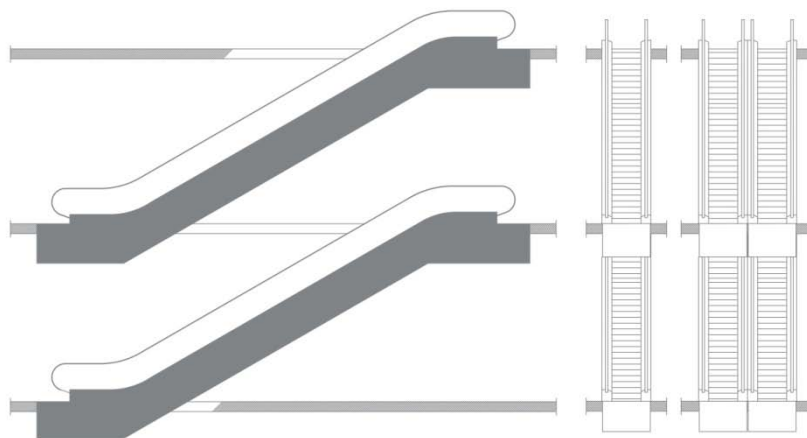
### Single Unit

The single unit is used to link two levels. It is suitable for buildings with passenger traffic flowing mainly in one direction. Flexible adjustment to traffic flow is possible.



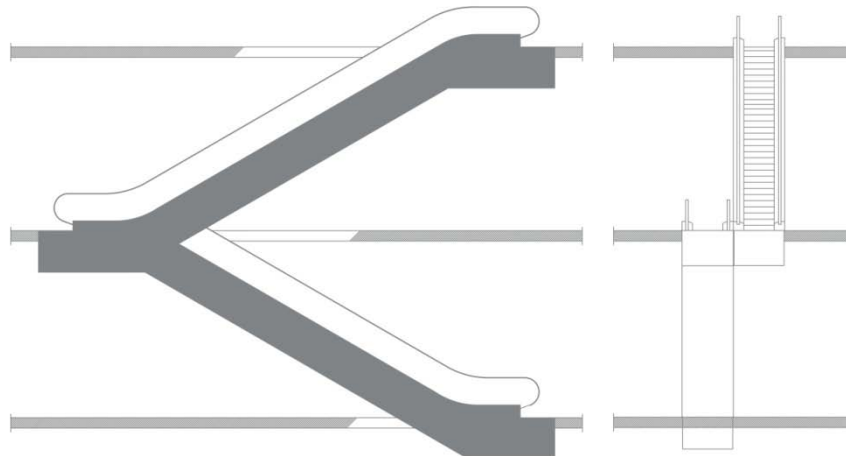
### Interrupted & Parallel ( one & two-way traffic)

The interrupted arrangement is somewhat inconvenient for users, but advantageous for department store owners. The parallel interrupted arrangement is used mainly in department stores and public transport buildings with a heavy traffic volume. When there are three or more escalators, it should be possible to reverse the traveling direction according to the traffic flow. This arrangement is economical, since no inner lateral claddings are required.



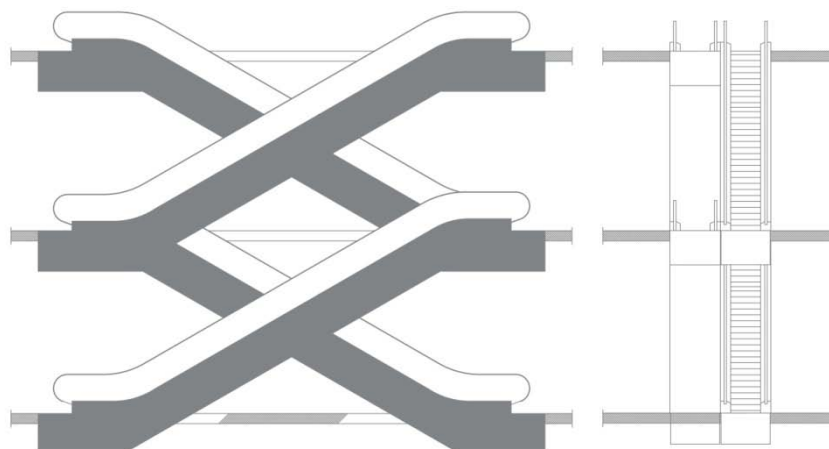
### Continuous (one-way traffic)

The continuous arrangement is used mainly in smaller department stores to link three sales levels. It requires more space than the interrupted arrangement.







### Crisscross , Continuous (two-way traffic)

The crisscross continuous arrangement is used mainly in major department stores, public buildings and public transport buildings where transport times between several levels should be kept to a minimum.



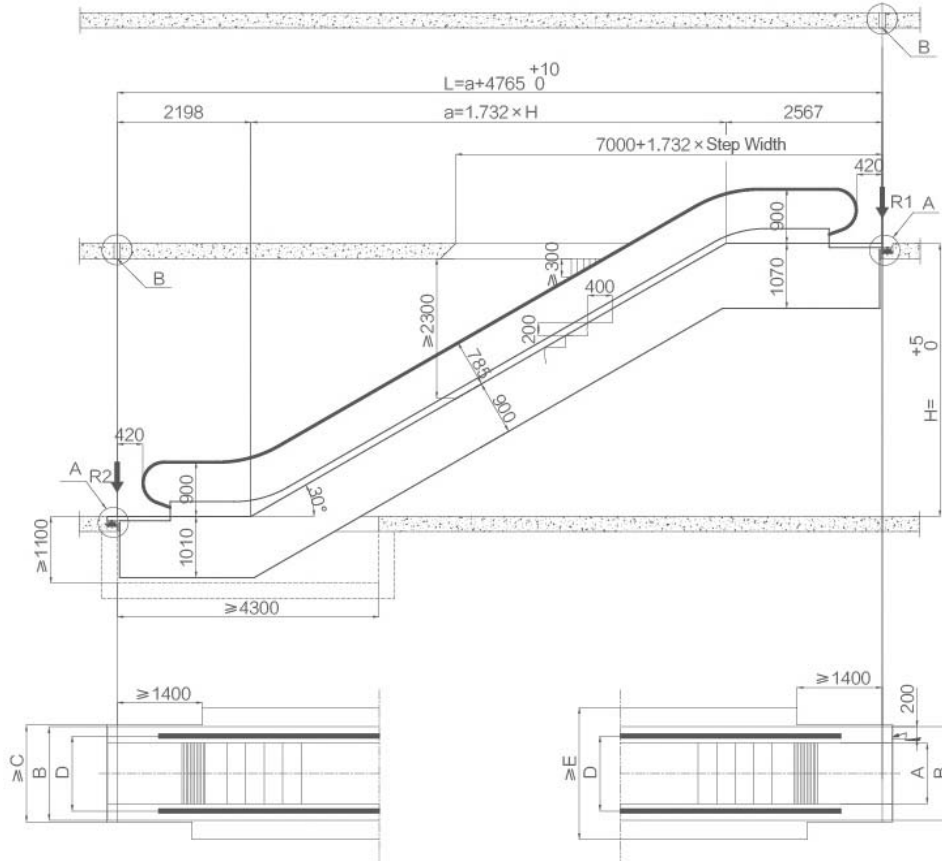
**Solutions**

<p><b>XFT Economical Type</b></p>	
<p><b>XCM Economical Type</b></p>	
<p><b>XDM Conventional Type</b></p>	
<p><b>XDF</b></p>	

Type	Rise Height (m)	Rated Speed (m/s)	Step Width (mm)
XFT (Indoor)	$H \leq 6$	0.5	600/800/1000
XCM (Indoor/Outdoor)	$H \leq 7$	0.5/0.65	
XDM (Indoor/Outdoor)	$H \leq 7$	0.5/0.65	
XDF (Indoor/Outdoor)	$H \leq 10$	0.5/0.65	

## XDM 30°/2 Horizontal Steps

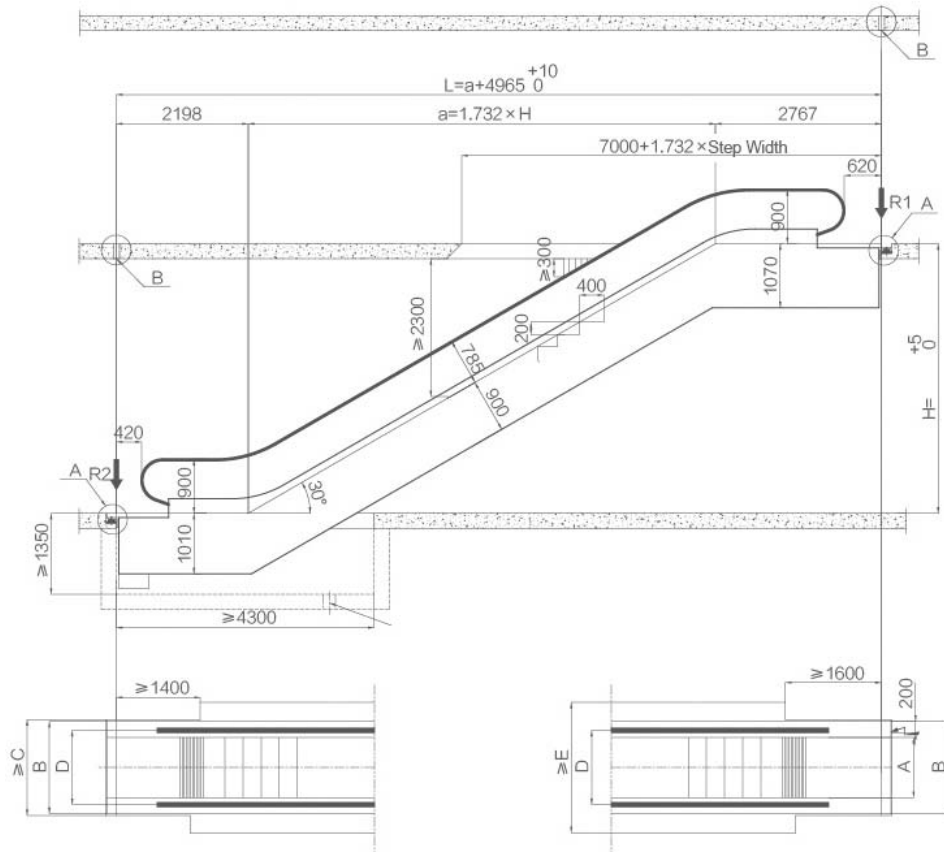
Indoor Application



	Rules of Extension Indoor Escalator's Upper Part				
	mm	<15KW	15KW	2X11KW	2X15KW
No Frequency	600	417	417		
	800	0	0	500	
	1000	0	0	500	800
Frequency	600	417	417		
	800	0	200	500	
	1000	0	0	500	800

### XDM 30°/2 Horizontal Steps

#### Outdoor Application



	Rules of Extension Indoor Escalator's Upper Part				
	Mm	<15KW	15KW	2X11KW	2X15KW
No Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600
Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600

## XDM 30°/2 Horizontal Steps

Indoor/Outdoor Application

Specifications		
<b>Model</b>		XDM/XCM/XFT30-600K
		XDM/XCM/XFT30-800K
		XDM/XCM/XFT30-1000K
<b>Speed</b>		0.5m/s
<b>Rise</b>		H<6000mm
<b>Incline</b>		30°
<b>Supporting R1</b>		KN
<b>Supporting R2</b>		KN
<b>Weight</b>		KN
<b>Power</b>	<b>Power Supply</b>	Three-phase AC 380V 50HZ
	<b>Lighting Supply</b>	Single-phase AC power 220V 50HZ

Standard Specifications & Dimensions				
Model		XDM-600K	XDM-800K	XDM-1000K
<b>Step Width</b>	A	600	800	1000
<b>Decoration Width</b>	B	1140	1340	1540
<b>Opening Width</b>	C	1200	1400	1600
<b>Handrail Gap</b>	D	838	1038	1238
<b>Opening Width</b>	E	1778	1978	2178

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

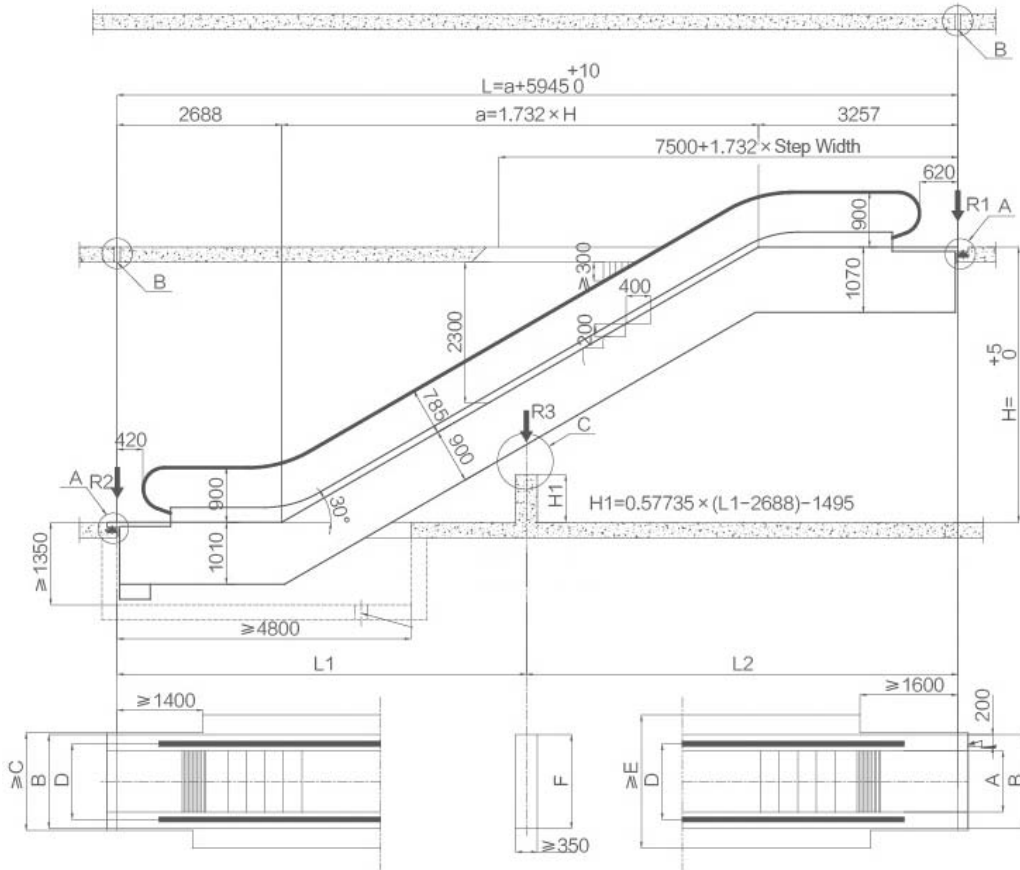
Reacting Force				
Step Width	600	800	1000	Remark
<b>R1 (KN)</b>	3.5 x L + 15.5	4 x L + 17	4.5 x L + 18.5	L unit to m
<b>R2 (KN)</b>	3.5 x L + 10	4 x L + 11	4.5 x L + 11.5	





**XDM 30°/3 Horizontal Steps**

Outdoor Application



	Rules of Extension Indoor Escalator's Upper Part				
	Mm	<15KW	15KW	2X11KW	2X15KW
No Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600
Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600

## XDM 30°/3 Horizontal Steps

Indoor/Outdoor Application

Specifications		
<b>Model</b>		XDM/XCM/XFT30-600K
		XDM/XCM/XFT30-800K
		XDM/XCM/XFT30-1000K
<b>Speed</b>		0.5m/s
<b>Rise</b>		H<7000mm
<b>Incline</b>		30°
<b>Supporting R1</b>		KN
<b>Supporting R2</b>		KN
<b>Weight</b>		KN
<b>Power</b>	<b>Power Supply</b>	Three-phase AC 380V 50HZ
	<b>Lighting Supply</b>	Single-phase AC power 220V 50HZ

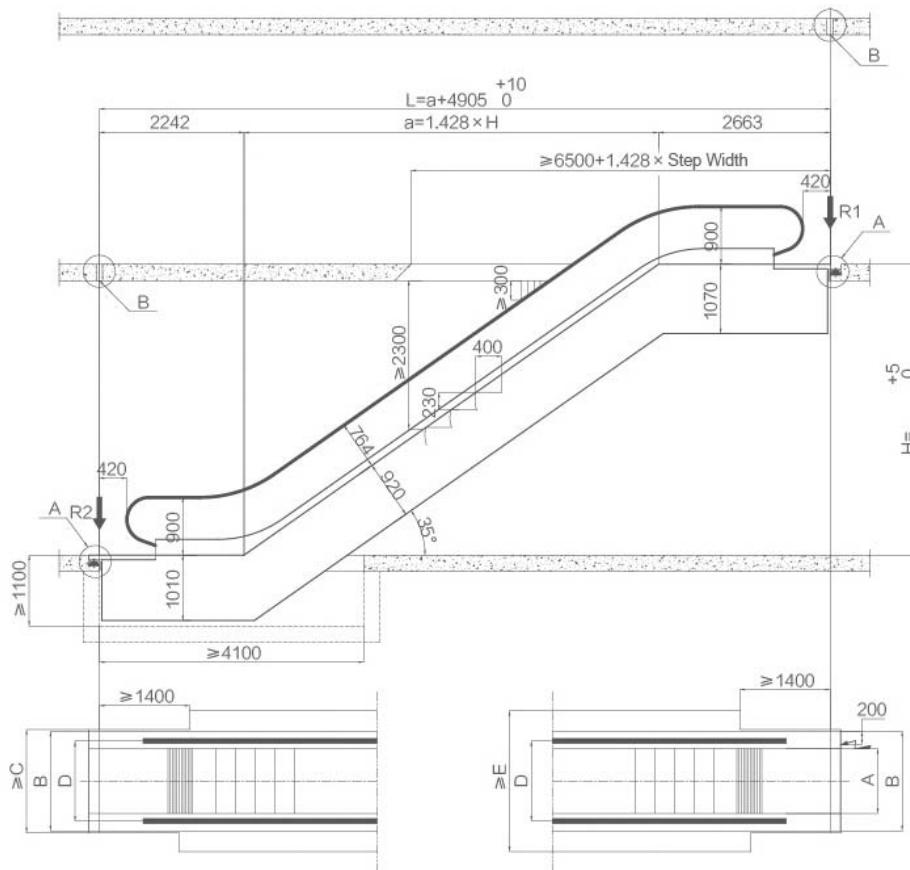
Standard Specifications & Dimensions				
Model		XDM-600K	XDM-800K	XDM-1000K
<b>Step Width</b>	A	600	800	1000
<b>Decoration Width</b>	B	1140	1340	1540
<b>Opening Width</b>	C	1200	1400	1600
<b>Handrail Gap</b>	D	838	1038	1238
<b>Opening Width</b>	E	1778	1978	2178
<b>Length of the Support Base</b>	F	1140	1340	1540

Power Meter (Step width 1000mm, speed 0.5m/s)			
5.5KW	8KW	11KW	15KW
1.5m≤H≤3.2m	3.2m≤H≤4.8m	4.8m≤H≤6.5m	6.5m≤H≤7m

Reacting Force			
Step Width	600	800	1000
<b>R1 (KN)</b>	4.1 x L2 + 15.5	4.5 x L2 + 16.1	5 x L2 + 17.5
<b>R2 (KN)</b>	4.1 x L1 + 7.8	4.5 x L1 + 7.8	5 x L1 + 8.5
<b>R3 (KN)</b>	4.25 x L1 + 9.5	4.5 x L + 10.5	5.2 x L + 11.5
<b>Remark</b>	L,L1,L2 in units of m, L1, L2  ^ F exceeds 14.5m		

### XDM 35°/2 Horizontal Steps

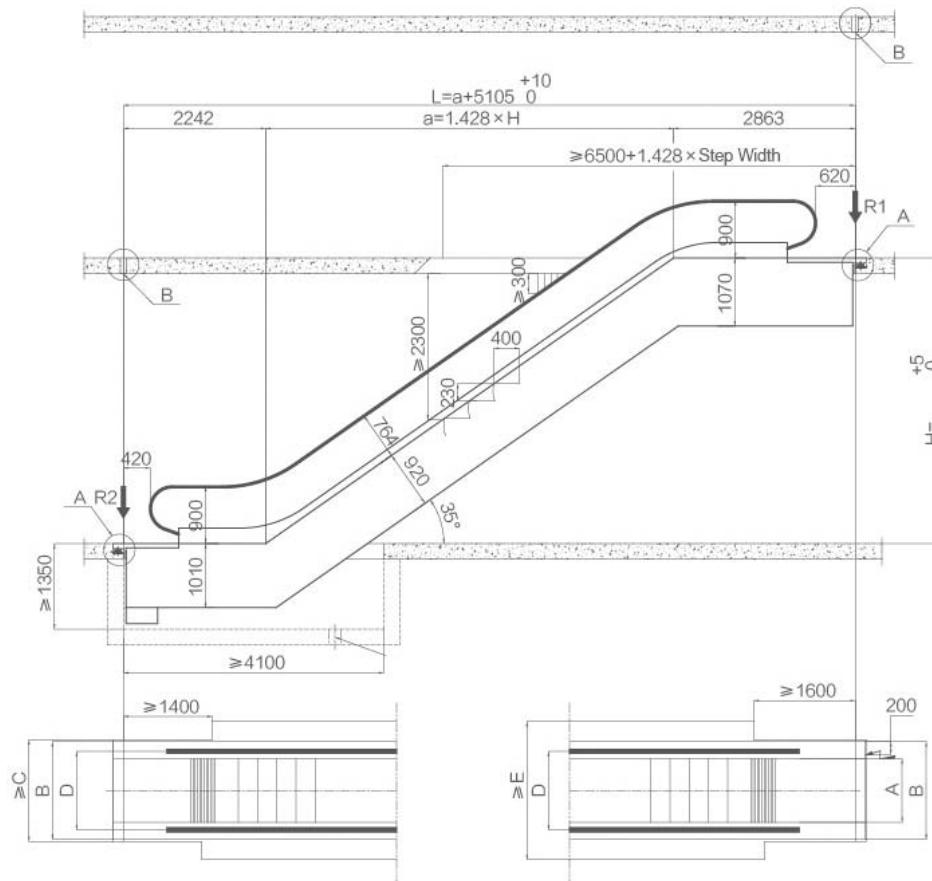
Indoor Application



	Rules of Extension Indoor Escalator's Upper Part				
	mm	<15KW	15KW	2X11KW	2X15KW
No Frequency	600	417	417		
	800	0	0	500	
	1000	0	0	500	800
Frequency	600	417	417		
	800	0	200	500	
	1000	0	0	500	800

### XDM 35°/3 Horizontal Steps

#### Outdoor Application



	Rules of Extension Indoor Escalator's Upper Part				
	Mm	<15KW	15KW	2X11KW	2X15KW
No Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600
Frequency	600	217	217		
	800	0	0	300	
	1000	0	0	300	600

## XDM 35°/2 Horizontal Steps

Indoor/Outdoor Application

Specifications		
<b>Model</b>		XDM/XCM/XFT35-600K
		XDM/XCM/XFT35-800K
		XDM/XCM/XFT35-1000K
<b>Speed</b>		0.5m/s
<b>Rise</b>		H<6000mm
<b>Incline</b>		35°
<b>Supporting R1</b>		KN
<b>Supporting R2</b>		KN
<b>Weight</b>		KN
<b>Power</b>	<b>Power Supply</b>	Three-phase AC 380V 50HZ
	<b>Lighting Supply</b>	Single-phase AC power 220V 50HZ

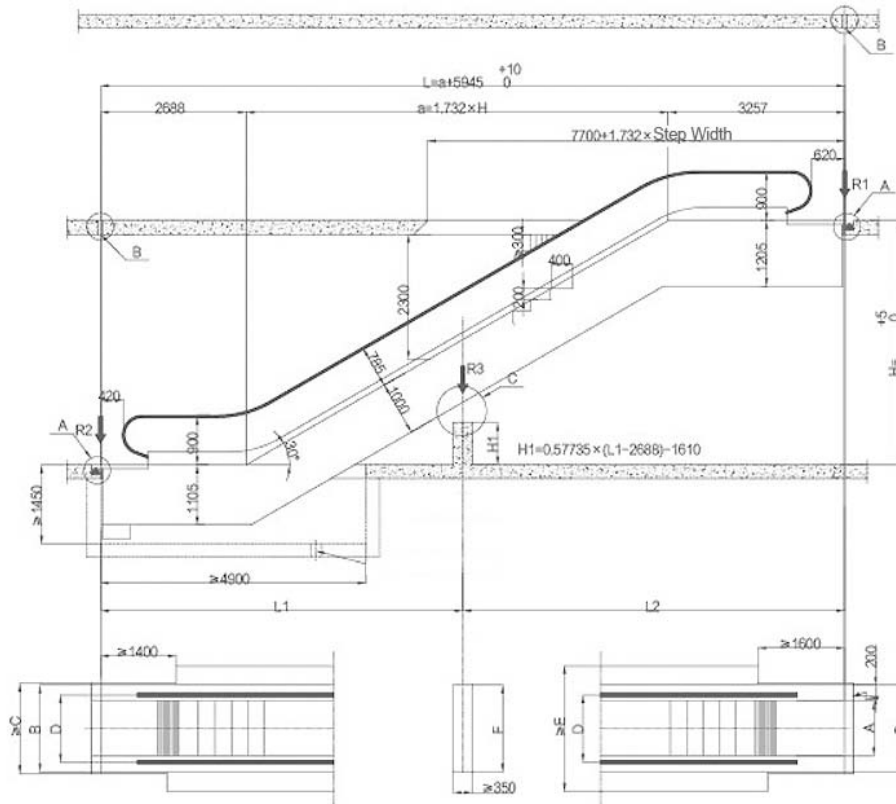
Standard Specifications & Dimensions				
Model		XDM-600K	XDM-800K	XDM-1000K
<b>Step Width</b>	A	600	800	1000
<b>Decoration Width</b>	B	1140	1340	1540
<b>Opening Width</b>	C	1200	1400	1600
<b>Handrail Gap</b>	D	838	1038	1238
<b>Opening Width</b>	E	1778	1978	2178

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

Reacting Force				
Step Width	600	800	1000	Remark
<b>R1 (KN)</b>	3.5 x L + 15.5	4 x L + 17	4.5 x L + 18.5	L unit to m
<b>R2 (KN)</b>	3.5 x L + 10	4 x L + 11	4.5 x L + 11.5	

**XDT & XDTF 30° / Heavy Duty**

XDT Outdoor Application



Standard Specifications & Dimensions				
Model		XDM-600K	XDM-800K	XDM-1000K
Step Width	A	600	800	1000
Decoration Width	B	1200	1400	1600
Opening Width	C	1260	1460	1660
Handrail Gap	D	838	1038	1238
Opening Width	E	1910	2110	2310
Length of the Support Base	F	1200	1400	1600





## XDT & XDTF 30° / Heavy Duty

### Outdoor Application

Specifications		
<b>Model</b>	XDT30-600M/XDT30-800M/XDT30-1000M XDTF30-600M/XDTF30-800M/XDTF30-1000M	
<b>Speed</b>	0.5m/s	
<b>Rise</b>	XDT30:H≤ 12000mm XDTF30:H≤ 12000mm	
<b>Incline</b>	30°	
<b>Supporting R1</b>	KN	
<b>Supporting R2</b>	KN	
<b>Supporting R3</b>	KN	
<b>Weight</b>	KN	
<b>Power</b>	<b>Power Supply</b>	Three-phase AC 380V 50HZ
	<b>Lighting Supply</b>	Single-phase AC power 220V 50HZ

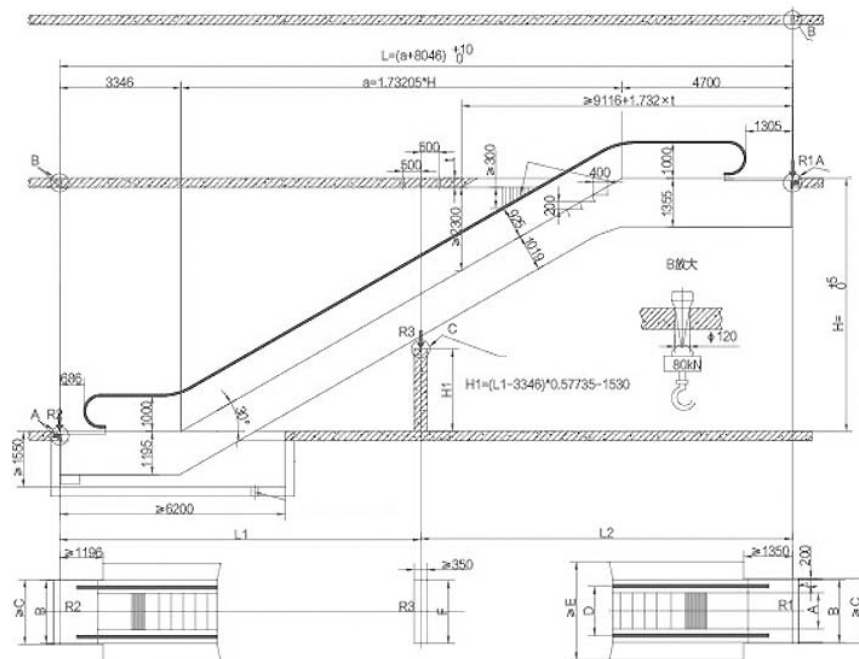
Power Meter (Step width 1000mm, speed 0.5m/s)				
8KW	11KW	15KW	2x11KW	2x15KW
1.5m≤H≤3.2m	3.2m<H≤4.8m	4.8m<H≤6.5m	6.5m<H≤7m	11.5m<H≤12m 11.5m<H≤16m

Reacting Force			
Step Width	600	800	1000
<b>R1 (KN)</b>	4.1 x L2 + 15.5	4.5 x L2 + 16.1	5 x L2 + 17.5
<b>R2 (KN)</b>	4.1 x L1 + 7.8	4.5 x L1 + 7.8	5 x L1 + 8.5
<b>R3 (KN)</b>	4.25 x L + 9.5	4.5 x L + 10.5	5.2 x L + 11.5
<b>Remark</b>	L,L1,L2 in units of m, L1, L2  ^ F exceeds 14.5m		

	Rules of Extension Indoor Escalator's Upper Part				
	Mm	<15KW	15KW	2X11KW	2X15KW
<b>No Frequency</b>	600	217	217		
	800	0	0	300	
	1000	0	0	300	600
<b>Frequency</b>	600	217	217		
	800	0	0	300	
	1000	0	0	300	600

**XDW 30° / Heavy Duty**

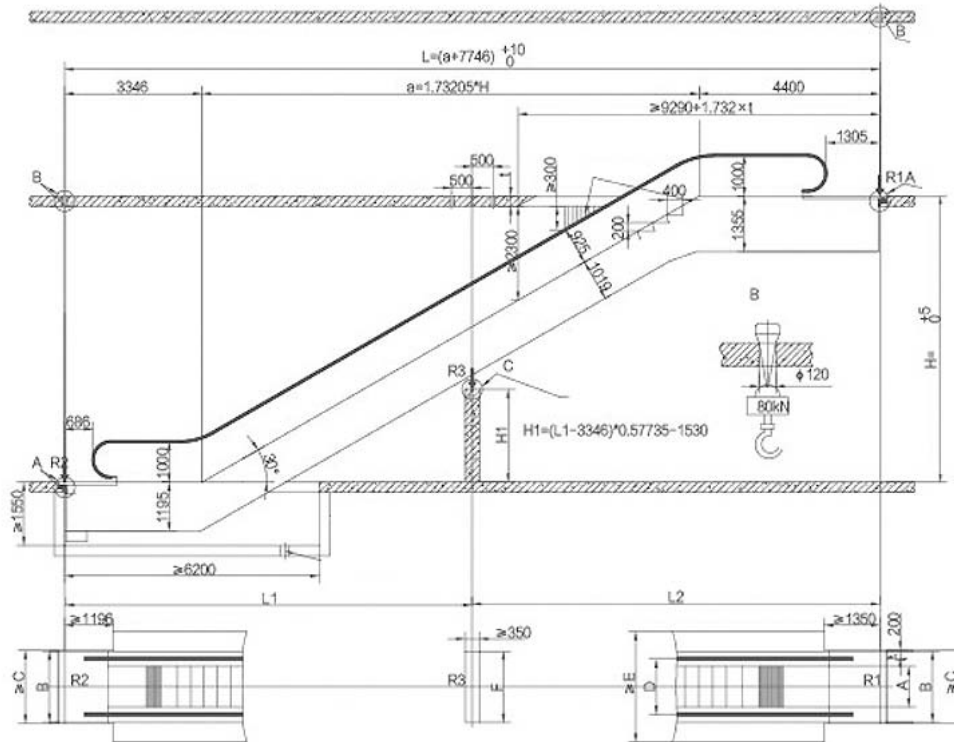
Big R Ramp/ Outdoor Application



Power Meter XDW (Step width 1000mm, speed 0.5m/s)			
8KW	11KW	15KW	18.5KW
3.0 ≤ H ≤ 4.0m	4.0 ≤ H ≤ 5.2m	5.2 ≤ H ≤ 7.2m	7.2 ≤ H ≤ 9.0m
2x11KW	2x15KW	2x18.5KW	2x22KW
9.0 ≤ H ≤ 10.8m	10.8 ≤ H ≤ 14.5m	14.5 ≤ H ≤ 18.0m	18.0 ≤ H ≤ 22.0m
2x30KW			
22.0 ≤ H ≤ 30.0m			

**XDW 30° / Heavy Duty**

Small R Ramp/ Outdoor Application



Power Meter XDW (Step width 1000mm, speed 0.5m/s)			
8KW	11KW	15KW	18.5KW
3.0 ≤ H ≤ 4.0m	4.0 ≤ H ≤ 5.2m	5.2 ≤ H ≤ 7.2m	7.2 ≤ H ≤ 9.0m
<b>2x11KW</b>	<b>2x15KW</b>		
9.0 ≤ H ≤ 10.8m	10.8 ≤ H ≤ 12.0m		

**XDW 30° / Heavy Duty**

Big/ Small R Ramp/ Outdoor Application

Specifications		
<b>Model</b>	XDW - 1000	
<b>Speed</b>	0.5m/s	
<b>Rise</b>	Big R Ramp :H≤ 3000mm	
	Small R Ramp :H≤ 1200mm	
<b>Incline</b>	30°	
<b>Supporting R1</b>	KN	
<b>Supporting R2</b>	KN	
<b>Supporting R3</b>	KN	
<b>Weight</b>	KN	
<b>Power</b>	<b>Power Supply</b>	Three-phase AC 380V 50HZ
	<b>Lighting Supply</b>	Single-phase AC power 220V 50HZ

Reacting Force			
Step Width	600	800	1000
<b>R1 (KN)</b>	4.1 x L2 + 38	4.5 x L2 + 40	5 x L2 + 42.5
<b>R2 (KN)</b>	4.1 x L1 + 26	4.5 x L1 + 27	5 x L1 + 28.5
<b>R3 (KN)</b>	4.25 x L + 37	4.5 x L + 39	5.2 x L + 41.5

Standard Specifications & Dimensions				
Model		XDM-600K	XDM-800K	XDM-1000K
<b>Step Width</b>	A	600	800	1000
<b>Decoration Width</b>	B	1340	1540	1740
<b>Opening Width</b>	C	1400	1600	1800
<b>Handrail Gap</b>	D	962	1162	1362
<b>Opening Width</b>	E	2312	2512	2712
<b>Length of the Support Base</b>	F	1340	1540	1740