



NIDEC ESCALATOR AND MOVING WALK

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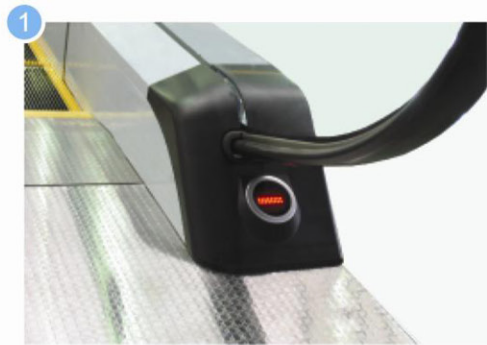
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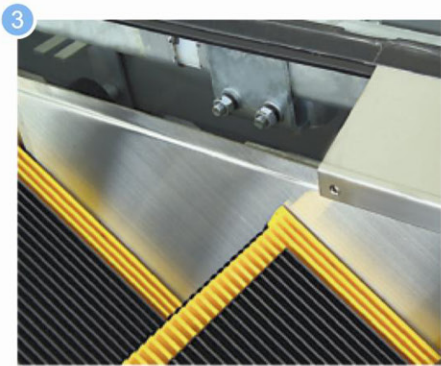
ESCALATOR DESIGN



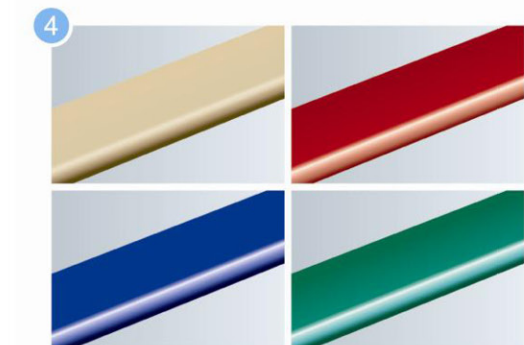
1. Novel style arc entry and exit has running direction display and trouble code indication. It is more secure and attractive. Black PC polycarbonate housing appears steady and elegant, firm and durable.



2. The main drives adopt high-precision worm gear of compact structure, ensuring heavy load sustainability and smooth operation with low noise.



3. The rammed skirt board and inclined cover board fits together more perfectly. The skirt board on both sides forms a smooth plane, eliminating the danger of hooking.



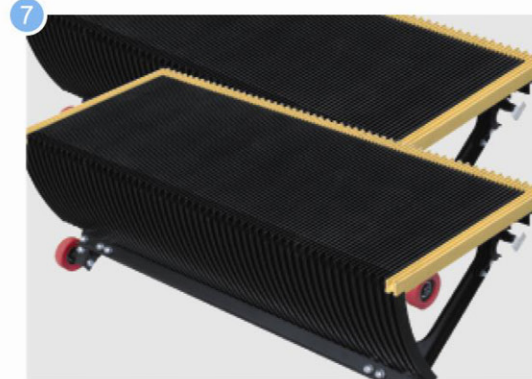
4. The handrail belt is composed of rubber, strengthen layer of steel wire and nylon friction layer, ensuring grip frequency. Standard color: black, red, dark brown.



5. The frames are made of aluminum alloy. It is flat with attractive appearance as well as anti-corrosion feature.



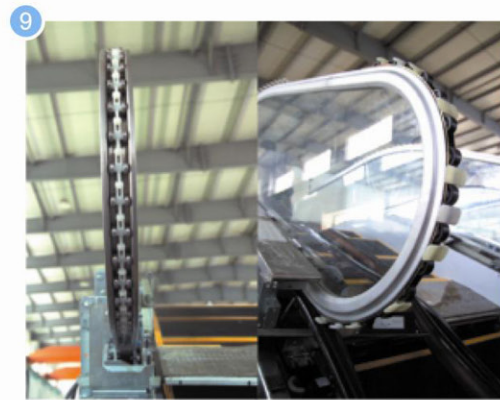
6. Aluminum- core rubber wheels for handrail belt can equally divide the force under stress, and maintain a long-life motion.



7. Stainless steel step : anti-corrosion and no distortion after long time application under heavy loads.



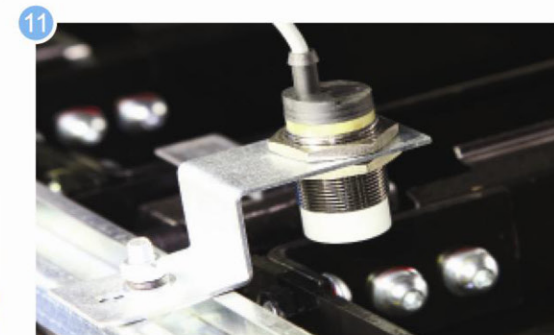
8. Oil refill automatically by AI computer control for chain lubrication.



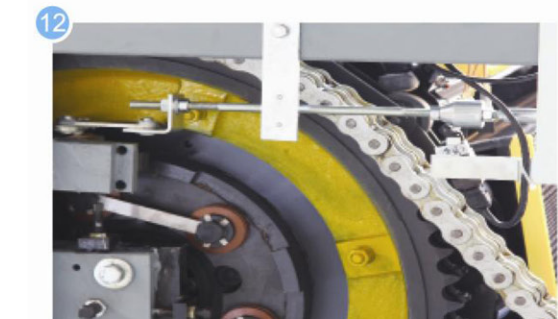
9. Symmetrical handrail brackets for helping eliminating bowing, and abrasion heat.



10. The escalator has electronic unintentional reversal of the direction of travel, over-speed protection device, under-speed protection device, step-loss protection device.



11. Stainless steel tread auto-walk has electronic type unintentional reversal of the direction of travel, over-speed protection device, under-speed protection device, step-loss protection device.



12. Additional brake is used for public traffic auto-walk and escalator with higher than 6m lifting height.



13. Mechanical type unintentional reversal travel direction.

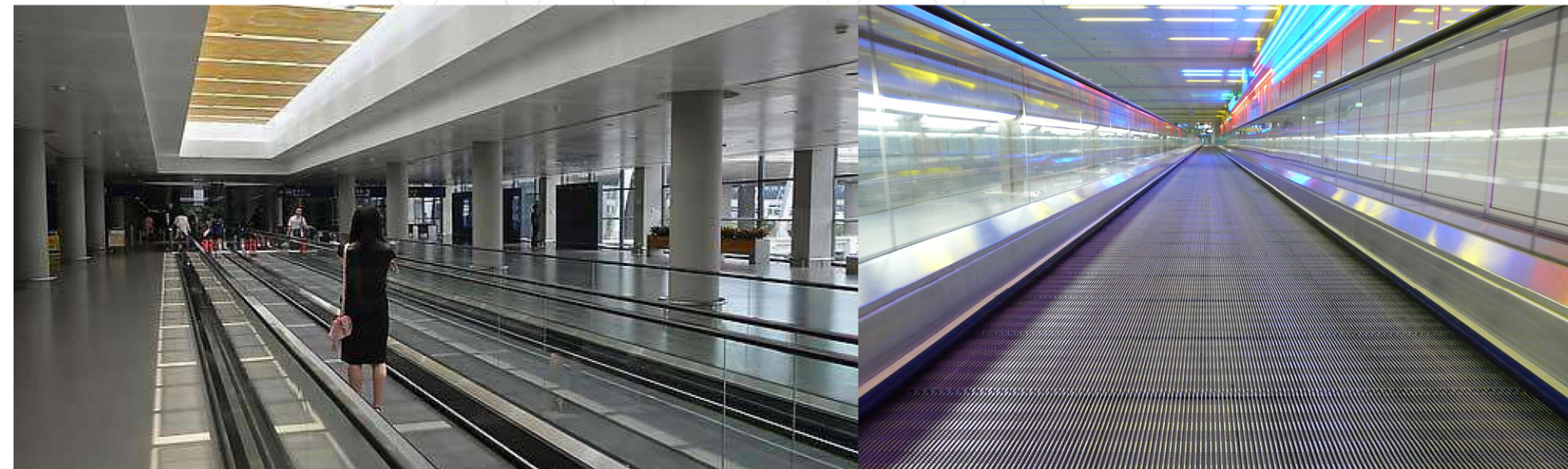
MOVING WALK



The serial moving walks has been widely used in public spaces of markets, stations, docks, airports, shopping malls, residential and other architectures. We move people safe on the ground with exquisite structures, stairs, fine bedrails ways and designed forms. Nidec Elevator – Moving Walk.

◆ Main Specifications

- 1.Installation place: Indoor/ Semi-outdoors/outdoors
- 2.Transit/ running time: 24 hours per day
- 3.Vertical height: 1.0~10.0m
- 4.Gradient: 10 degrees/11 degrees/12 degrees
- 5.Step width: 800/1000mm
- 6.Upside curvature radius of escalator steps: 3500mm
- 7.Rated speed: 0.5m/s
- 8.Delivery capacity: 4800/6000 people per hour
- 9.Power supply: Three phase current of 380V/50HZ
- 10.Lighting Power: Signal phase current of 220V/50HZ



STANDARD ESCALATOR

Standard escalator are designed and manufactured based on the EN115 Europe and the GB16899 China safety code. It can be designed as heavy duty escalator to transport huge amount of passengers, and resists to outdoor environment. The escalator is designed to be safe, reliable and low noise during the run.

- ◆ Main Specifications
- 1.Installation place: Indoor

2.Transit/running time: 16 hours per day

3.Vertical height: 1.0~10.0m
(35 degree, only used for lower~then-6m)

4.Gradient:30/35 degree

5.Step width:600/800/1000mm

6.Horizontal steps: 2/3steps

7.Rated speed:0.5m/s

8.Delivery capacity:3600/4800/6000people per hour

9.Power Supply: Three phase current of 220V/50HZ



HEAVY DUTY ESCALATOR

Nidec heavy duty escalator allows customization for outdoor and indoor conditions. It ensures the escalator provides comfort and safety to passengers under any environment.



- ◆ Main Specifications
- 1.Installation place: Indoor/Semi-outdoors/outdoor

2.Transit/running time: 24 hours per day

3.Vertical height: 3.0~24.0m

4.Gradient: 30 degrees

5.Step width: 800/1000mm

6.Horizontal steps: 4 steps

7.Upside curvature radius of escalator steps: 3000mm

8.Rated speed: 0.5m/s,0.65m/s

9.Delivery capacity: (1). 0.5m/s, 4800/6000 people per hour
(2). 0.65m/s, 5900/7300 people per hour

10.Power supply: Three phase current of 380V/50HZ

11.Lighting power: Signal phase current of 220 V/50 HZ

GLOBAL PORTFOLIO



Luxen Plaza
escalator, Baku, Azerbaijan



Philippines tourist business center project,
escalator, Clark, Philippines.



WEIHAI JIAHUA Fortune Centre Project
escalator, Qingdao, China



ITCC Mall
7m escalator and 4-6m moving walk
Qatar, Middle East



Southern Cross Station & Thomas town Station
escalator, Australia



Lens Yepi
4 escalators, High Profile Commercial Project
Istanbul, Turkey



Hyderabad International Airport
escalator, India



South Morang & Epping Station
escalator, Australia

ESCALATORS

30° ESCALATOR

TABLE 4: CENTER OPENING STANDARD DIMENSIONS (units: mm)

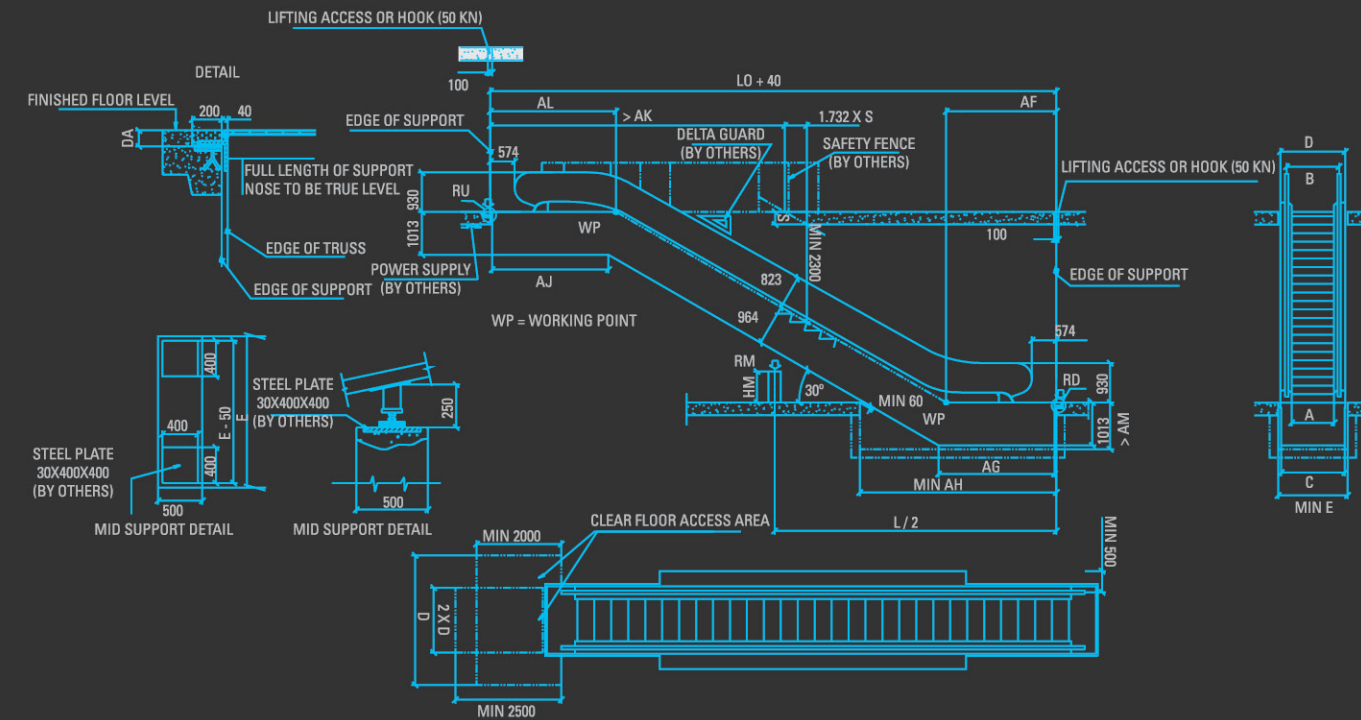
H (rise in mm)	Flat Steps	A	B	C	D	E	AF	AG	AH	AJ	AK	AL	L	AM	DA
6000 to 8000	3	800	1031	1300	1330	1440	2599	2740	4640	2744	6950	2966	1.732H + 5565	In-/Outdoor Model A 1103	No rubber shock absorber 108
		1000	1231	1500	1530	1640									
3000 to 6000	2	600	837	1100	1130	1240	2199	2340	4240	2844	7050	3066	1.732H + 5265	Outdoor Model B with oil separator 1353	Rubber shock absorber 128
		800	1031	1300	1330	1440				2344	6550	2566	1.732H + 4765		
		1000	1231	1500	1530	1640									

TABLE ::: CENTER

Step Width mm	Support Point	2 Supports	3 Supports
1000	RU	4.96L + 17.0	2.3L + 13.6
	RD	4.96L + 10.0	2.3L + 7.1
	RM	N/A	7.16L + 4.9
800	RU	4.31L + 18.0	2.02L + 6.8
	RD	4.31L + 10.0	2.02L + 6.8
	RM	N/A	6.33L + 4.8
600	RU	3.66L + 27.0	N/A
	RD	3.66L + 22.0	N/A

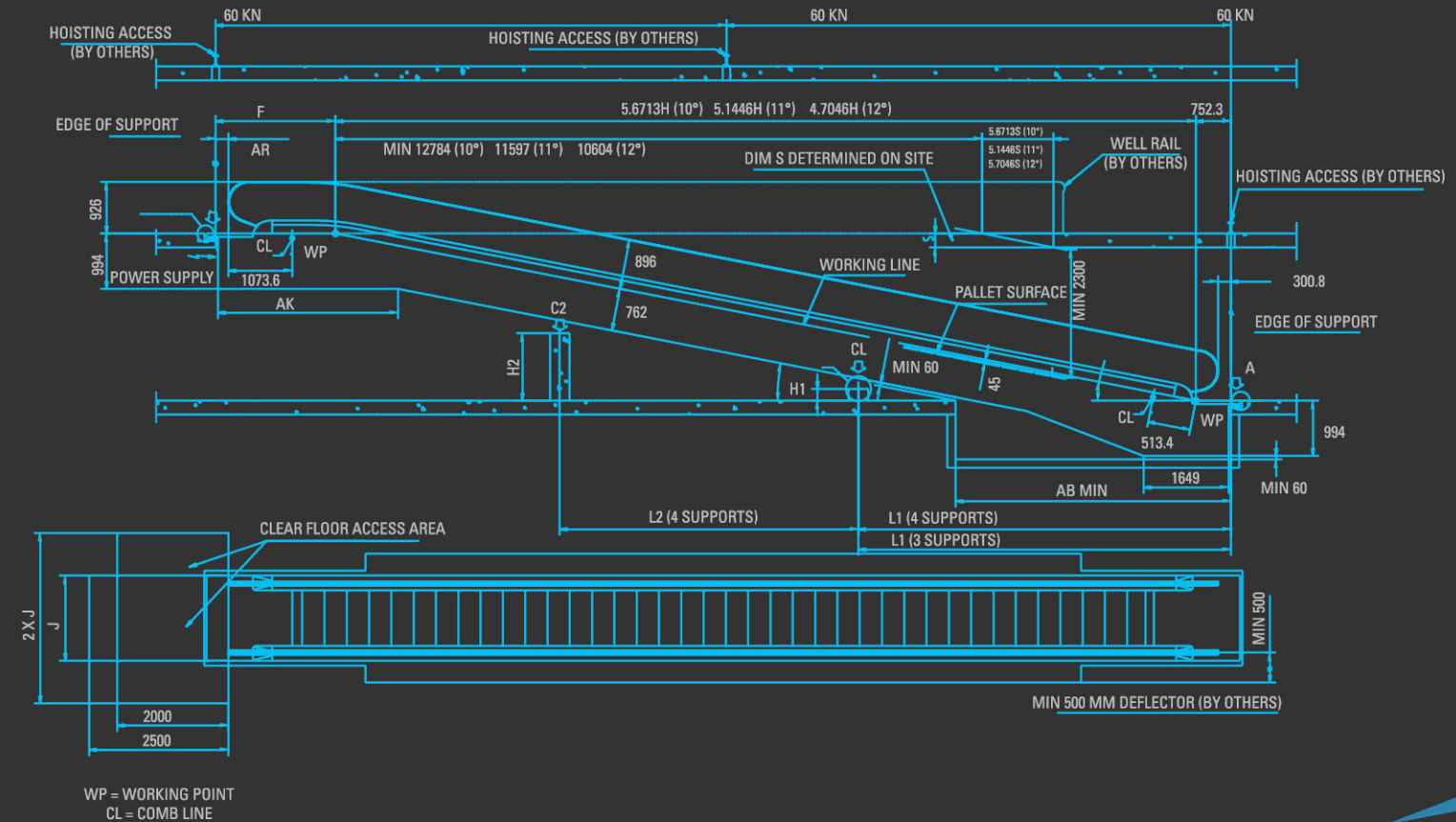
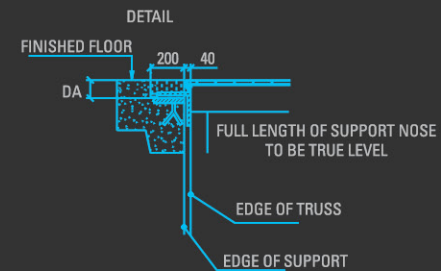
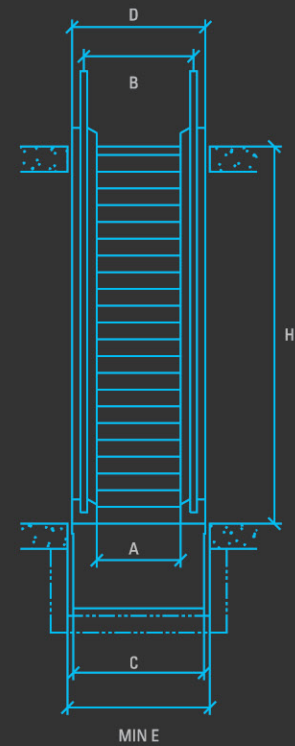
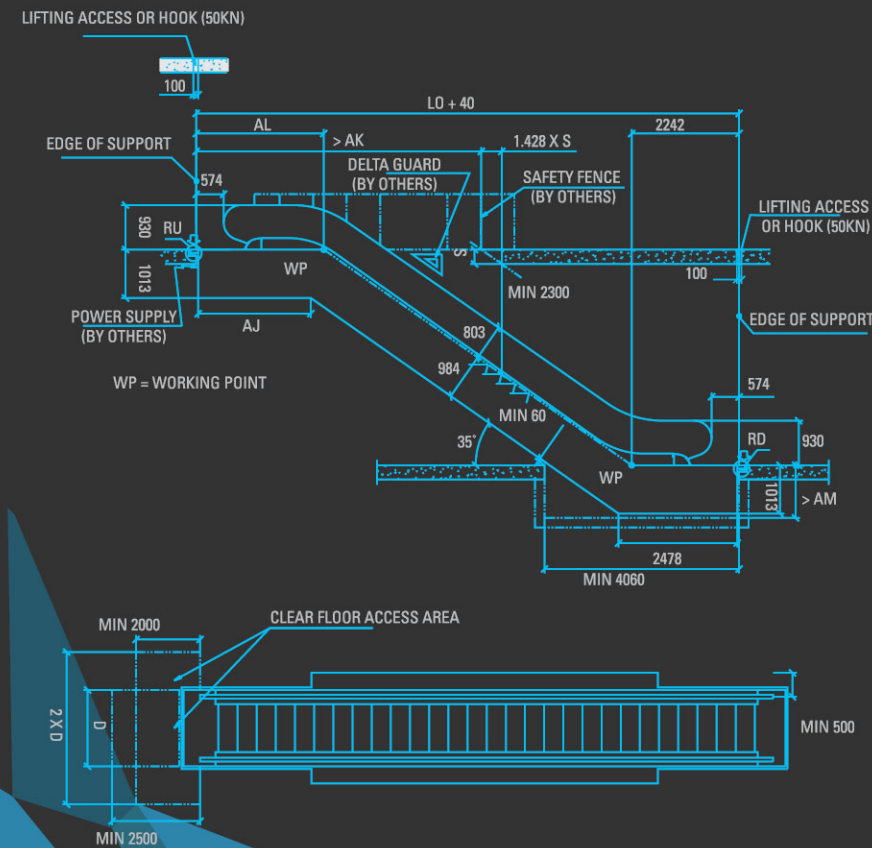
TABLE ::: CENTER

Type	Step Width mm	Max Height m	Power kW	Speed m/s
N10-300	1000	4.7	7.5	0.5
		6.0	9.0	0.5
		6.9	11.0	0.5
		8.3	13.0	0.5
	800	6.0	7.5	0.5
		7.6	9.0	0.5
		9.0	11.0	0.5
	600	6.0	7.5	0.5

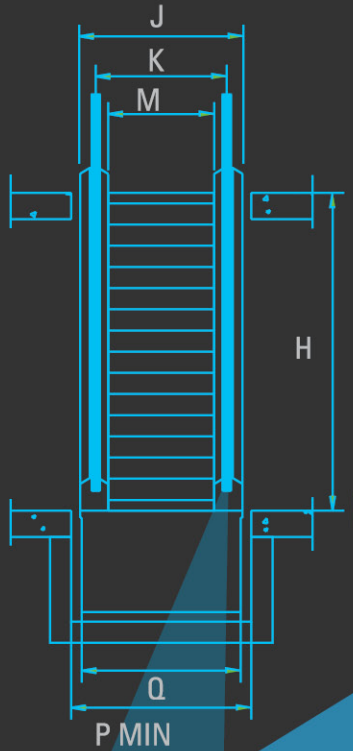


35° ESCALATOR

Step Width mm	Support Point	2 Supports	A	B	C	D	E	AJ	AK	AL	L	AM	DA	Type	Step Width mm	Max Height m	Power kW	Speed m/s
1000	RU	5.11L + 13	600	837	1100	1130	1240	2844	6450	3163	1.428H + 5405	In- / Outdoor Model A 1103	No rubber shock absorber 108	N10-350	1000	5.1	7.5	0.5
	RD	5.11L + 5														6.0	9.5	0.5
800	RU	4.41L + 15	800	1031	1300	1330	1440	2344	5950	2663	1.428H + 4905	Outdoor Model B with oil separator 1353	Rubber shock absorber 128		800	6.0	7.5	0.5
	RD	4.41L + 9													600	6.0	7.5	0.5
600	RU	3.76L + 18	1000	1231	1500	1530	1640											
	RD	3.76L + 12																



Pallet Width mm	Point	2 Supports	3 Supports	4 Supports
1000	C2	N/A	N/A	3.45D + 5.2
	C1	N/A	6.1D + 4.2	3.45D + 5.0
	B	4.9D + 14.0	2.2D = 14.0	1.5D + 15.0
	A	4.9D + 6.2	2.2D + 5.0	1.5D + 6.0
800	C2	N/A	N/A	3.1D + 10.0
	C1	N/A	4.25D + 18.0	3.1D + 9.2
	B	4.25D + 18.0	1.9D + 17.0	1.3D + 17.0
	A	4.25D + 8.2	1.9D + 8.0	1.3D + 9.0



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