



KONE provides innovative and eco-efficient solutions for elevators, escalators and automatic building doors. We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life-cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace[®], KONE MaxiSpace[®], and KONE InnoTrack[®]. You can experience these innovations in architectural landmarks such as the Trump Tower in Chicago, the 30 St Mary Axe building in London, the Schiphol Airport in Amsterdam and the Beijing National Grand Theatre in China.

KONE employs over 32,500 dedicated experts to serve you in over 50 countries.

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Dedicated to People Flow[™] **KONE**

ESCALATOR FOR ABSOLUTE RELIABILITY AND AVAILABILITY

KONE
TransitMaster[™] 180

KONE TransitMaster™ Escalator ...

Exceptional solution to the most demanding environments. With a multitude of options KONE TransitMaster™ can accurately answer any need with unsurpassed reliability and availability. With industry's leading drive and chain technology, KONE TransitMaster™ is the absolute solution for masses on the move.



Heavy-duty drive



Heavy-duty connection joint



Chain return sprocket



Step chain with outside chain rollers

Reliability in any environment

■ All visible parts are available in stainless steel to **increase durability and lifetime** even in the most demanding conditions.

■ If needed KONE TransitMaster™ can be fitted to be perfectly at home in demanding outdoor environments thanks to hot-dip galvanization and water drainage features and weatherproof electrical installation.



Outdoor environment



Stainless steel decking and cladding

The lifetime and load profile you need

■ Durable solutions with customer preferred lifetime.

■ Wider track transition radii and durable chain guidance system with a return sprocket available to extend chain lifetime.

■ Durable 100mm outside rollers allow an increase in capacity and a lower need for chain replacement, reducing downtime and repair time and **increasing escalator availability**.

■ Optional V-type handrail cuts out slippage while being highly durable and providing a **safe and comfortable ride**.

... Technically outstanding



Glass cladding



Comb lighting



Continuous skirt light



Traffic lights in columns

Aesthetics to enhance ambience

■ Elegant and durable solid balustrade for heavy wear environments.

■ **Stylish and efficient glass balustrade** for performance and looks.

■ Skirt and handrail lighting options for style.

■ Various handrail colors to ease integration with the building.

■ Optional new end wheel with glass sides for **modern look**.

Efficient operation

■ Energy-efficient and inviting stand-by speed option and the reliable stop-and-go solution.

■ Remote monitoring and diagnostics with **real-time response** to possible problems to ensure the problem is fixed, sometimes even before anything breaks down.

■ The highly efficient ECO3000 drive system reduces energy and oil consumption, while oil changes are reduced to an absolute minimum.

■ The possibility for a **lubrication-free chain** means no oil on the chain, a cleaner escalator and environment, reduced fire hazard, simpler cleaning and easier maintenance.

■ **Proven safety features** and the flexibility to become as part of the building's own safety systems e.g with sprinkler piping.

■ The inverter enables smooth braking independent of load, reducing brake wear, saving energy and **lowering lifecycle costs**.



Diagnostic panel



Controller cabinet



Sprinkler piping

KONE TransitMaster™ 180 dimensions									
Type	AA	BB	CC	DD	EE	FF	GG	HH	
35 - 1.5/1.0 radii - 2 LS	2275	2360	Hx1.428	427	427	3800	920	1045	
35 - 1.5/1.0 radii - 3 LS	2675	2760	Hx1.428	427	427	4200	920	1045	
30 - 1.5/1.0 radii - 2 LS	2160	2355	Hx1.7321	427	427	4100	920	1045	
30 - 1.5/1.0 radii - 3 LS	2560	2755	Hx1.7321	427	427	4500	920	1045	
30 - 2.7/2.0 radii - 2 LS	2410	2650	Hx1.7321	427	427	4550	920	1205	
30 - 2.7/2.0 radii - 3 LS	2810	3050	Hx1.7321	427	427	4950	920	1205	
30 - 3.6/2.0 radii - 3 LS	2940	3650	Hx1.7321	427	627	5000	920	1205	
30 - 3.6/2.0 radii - 4 LS	3340	4050	Hx1.7321	427	627	5400	920	1205	
27.3 - 1.5/1.0 radii - 2 LS	2125	2330	Hx1.9375	427	427	4350	930	1045	
27.3 - 1.5/1.0 radii - 3 LS	2525	2730	Hx1.9375	427	427	4750	930	1045	
27.3 - 2.7/2.0 radii - 2 LS	2350	2590	Hx1.9375	427	427	4600	930	1205	
27.3 - 2.7/2.0 radii - 3 LS	2750	2990	Hx1.9375	427	427	5000	930	1205	
27.3 - 3.6/2.0 radii - 3 LS	2860	3540	Hx1.9375	427	627	5100	930	1205	
27.3 - 3.6/2.0 radii - 4 LS	3260	3940	Hx1.9375	427	627	5500	930	1205	

KONE TransitMaster™ 180 width dimensions			
Step type	600	800	1000
A: width of step	600	800	1000
B: width of truss	1160	1360	1560
D: width of escalator	1200	1400	1600
C: width of pit	1220	1420/1460*	1620/1660*

*with 3.6 radius

KONE TransitMaster™ 180 basic data	
Inclination	27,3°, 30° or 35°
Level steps	2, 3 or 4 level steps (5 top only)
Radii	Upper radii 1.5, 2.7 or 3.6
Maximum vertical rise	18 m
Step width	600 mm, 800 mm or 1000 mm
Balustrade	Toughened glass Solid, either inclined and vertical
Balustrade height	1000 mm and 1100 mm
Speed	0.5 m/s, 0.65 m/s and 0.75 m/s 0.2 stand-by speed optional
Electrification	EN and ANSI
Chain type	Outside chain roller Return of step band by return sprockets
V-Handrail	C- and V-handrail
Environment	Indoor, semi-outdoor or outdoor

