KONE 2000

The goods elevator engineered for strength.





Operational efficiencies

Space efficiency

The permanent magnet synchronous gearless traction machine is lightweight, compact in structure. It reduces machine room and overhead height, effectively utilizing the shaft space.

Stable and comfortable ride

The gearless traction machine does not require the gear reduction mechanism used in traditional freight elevators, which greatly reduces the noise and vibration generated during elevator operations and provides a stable and comfortable ride.

Designed for convenience

The extended door opening feature facilitates the entry and exit of goods without the need for human operation.

The reinforced design

The high strength design of the car and door panel reduces the wear and tear during transportation of goods.

Easy maintenance

KONE offers tailored-made maintenance solutions for elevators and conducts preventive maintenance to keep your equipment running smoothly.

Wide network of service teams with sufficient spare parts and accessories offers reliable service anytime and anywhere.

Sustainable performance

Green operations

The gearless traction machine eliminates the need for lubricating oil. This makes maintenance of the lift more efficient and enhances sustainability.

Energy saving

The gearless traction machine has a low starting current and high transmission efficiency, saving 40% energy consumption.

Stability and ride comfort

±5mm leveling accuracy

Intelligent curtain of light

Large transportation space

Strong and durable car design

Materials and finishes

≤5000kg load capacity

KDS 220 SIGNALIZATION



Operating device: 218 signal system operating device

≥6000kg load capacity

KDS 300 SIGNALIZATION



Operating device: 029 signal system operating device

FLOORING



Patterned steel

CEILING



Painted steel

WALLS

RAL7040 Graphite gray

RAL7005 Fresh gray

RAL 9010 Ivory

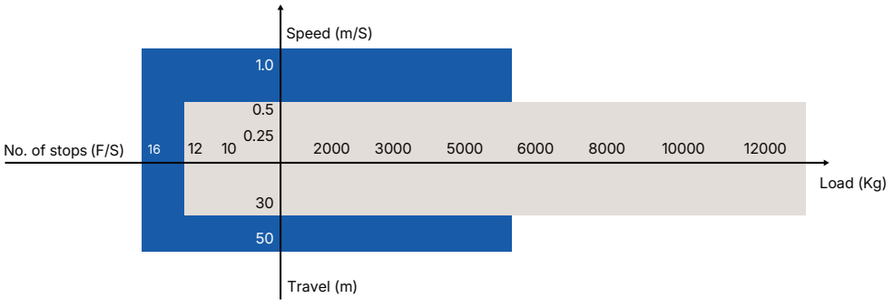
Items	Build-in	Option
Car wall and car door	Painted steel	Silver brushed stainless steel
Operating panel	Hairline finish stainless steel	-
Flooring	Patterned steel	-
Landing and door finish	Plastic-sprayed steel plate	Hairline finish stainless steel
Wall finish	-	Hairline finish stainless steel Plastic-sprayed steel plate

Technical specifications

Technical information						
(kg)	2000, 3000, 5000		6000	8000	100000	120000
Speed (m/s)	0.5	1.0	0.25/0.5			
Max travel	30	50	15(0.25m/s), 30(0.5m/s)			
No. of floors	12	16	6(0.25m/s), 12(0.5m/s)			
Control	Dual 32-bit micro computers, full selection control					
Max units in group	Two units in parallel					
Drive mode	VVVF					
Counterweight position	Side to side					
Power supply	380V, 50Hz, 3 phase, 5 wire					
Door type	4-panel center opening, 2-panel side opening		4-panel center opening			
Car door height	2000~2700		2200~2800			

2000~5000kg, 0.5~1.0m/s

6~12T, 0.25~0.5m/s



KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings. We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in managing the smooth flow of people and goods throughout buildings. This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation asa technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 63,000 dedicated experts to serve you globally and locally.

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