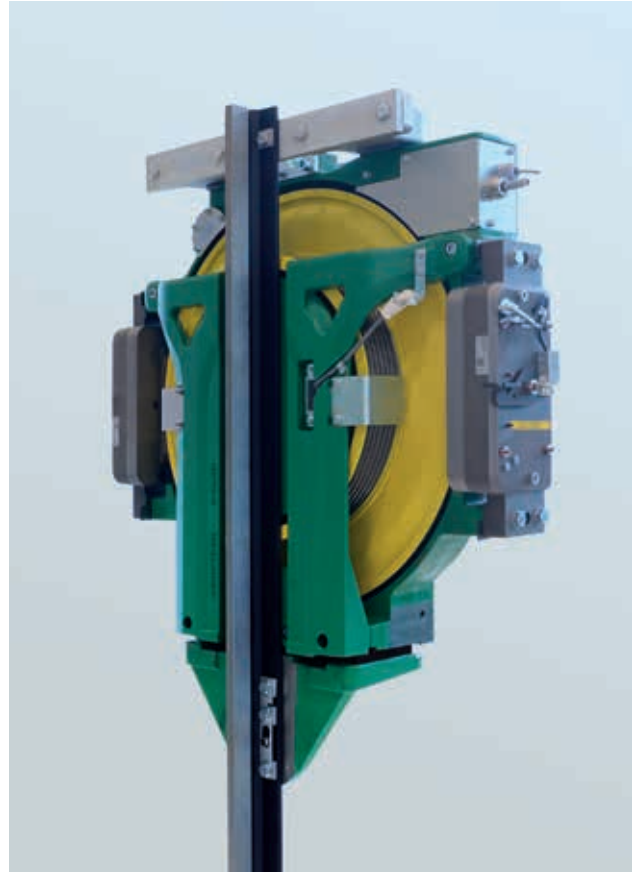


# THE MACHINE-ROOM-LESS ELEVATOR

KONE E MonoSpace®

# ECONOMICAL AND EFFICIENT – KONE E MONOSPACE®

The KONE E MonoSpace® is an economical solution for providing reliable, efficient and comfortable transport between floors in residential and commercial buildings. Part of the KONE MonoSpace family, the KONE E MonoSpace elevator incorporates the core innovations that have made KONE the industry leader in eco-efficient elevator solutions. Clear specifications and a standardised offering make it easy to choose and install the solution that best fits the needs of your building.



The eco-efficient KONE EcoDisc hoisting system

## Pre-designed specifications to match your needs

The KONE E MonoSpace solution is offered with pre-designed options for car size and load. The available options are designed specifically to meet the typical needs of residential and commercial environments.

## Save energy with KONE eco-efficient technologies

The KONE E MonoSpace elevator is powered by the energy-efficient KONE EcoDisc® hoisting machine. It is also equipped with standby solutions that switch off the lighting and fan when the elevator is not in use.

## A smooth and quiet ride

The V3F variable-frequency drive along with the rigid car structure and its noise isolation, ensure a quiet, comfortable ride with smooth acceleration and deceleration.

## Easy installation and maintenance

The KONE E MonoSpace has highly efficient scaffoldless installation methods that result in considerable cost savings for our customers and minimise disruptions to other construction work. Once the elevator is installed, KONE Care™ maintenance solutions help to keep your equipment running smoothly around the clock. With the new KONE Care 24/7 Connected Services, vast amounts of data from elevator sensors can be monitored, analysed and displayed in real-time, improving equipment performance, reliability and safety.

## Certified for safety

All KONE manufacturing units are ISO 14001 certified and meet all elevator industry standards and requirements, including EN81.



# VISUAL OPTIONS

## Cost-effective design

With a selection of design components and materials to choose from, the KONE E MonoSpace® offers a cost-effective way to create a visually appealing elevator experience for the tenants in your building.

### CEILING



**CL70**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st



**CL71**  
Lighting: T5 fluorescent tubes  
Finishing: PP10 White painted RAL9010  
ST43 Silver brushed st st



**CL80**  
Lighting: LED spot  
Finishing: ST43 Silver brushed st st



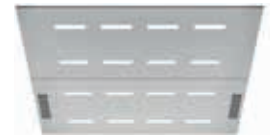
**CL88**  
Lighting: LED spot  
Finishing: ST43 Silver brushed st st



**CL91**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st  
PP10 White painted RAL9010



**CL95**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st



**CL103**  
Lighting: T5 fluorescent tubes  
Finishing: ST43 Silver brushed st st  
PP10 White painted RAL9010

### SIGNALISATION

Car operating panel (COP)



**KDS 50**  
Full height

Landing call station (LCI)



**KDS 50**  
Simplex



**KDS 50**  
Duplex

### HANDRAILS



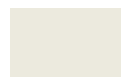
**HR61**  
Round silver brushed



**HR64**  
Curved silver brushed

### CAR WALL AND DOOR MATERIALS

Painted steel



**PP10**  
Pure White



**PP18**  
Linen Brown



**PP20**  
Wool Grey



**PP22**  
Fresh Green

Metallic painted steel



**METP1**  
Champagne



**METP2**  
Cosmo Red

Stainless steel



**ST4/ST43**  
Silver brushed

### FLOORING

PVC



**D-6**  
Light Brown



**D24**  
Moon White



**D25**  
Rocky Grey



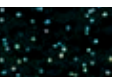
**D26**  
Lava Stone



**D27**  
Saturn Brown



**D29**  
Mars Red



**D30**  
Galaxy



**D31**  
Bamboo

Patterned PVC



**DG01**  
Brownly



**DG02**  
Chessboard



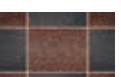
**DG03**  
Puzzle Soft



**DG04**  
Puzzle Bright



**DG05**  
Legno



**DG06**  
Blusher

Real stone



**M3R**  
Black Golden Sand

Artificial stone



**M5R**  
Pebble Grey

Rubber



**RC7**  
Black Coin Pattern

# AWARDS AND CERTIFICATIONS

- 09/2016** KONE ranked as one of the world's most innovative companies for the sixth year running, by the US-based business magazine Forbes. KONE's ranking is now 56th, and out of all European companies listed this year, KONE was ranked an impressive eighth. KONE is the only elevator and escalator company featured on Forbes' list this year.
- 10/2011** KONE features for the first time in the Carbon Disclosure Project's (CDP) Nordic Carbon Disclosure Leadership Index.
- 08/2011** KONE is the only elevator and escalator company to make the top 50 of US-based business magazine Forbes global list of the 100 most innovative companies in the world.
- 07/2010** KONE becomes the first company in the elevator and escalator industry to achieve an A-class energy rating according to the VDI 4707 standard, for the KONE MonoSpace® elevator.
- 06/2009** KONE awarded a Prime Award for Eco-Business by Prime Magazine. Co-organised by Prime Magazine and the Business Environment Council, the award is given to companies who demonstrate outstanding achievements in environmental protection.
- 01/2008** KONE chosen as one of the 2007 Annual Top 10 International Brands for China Energy-Efficient Buildings by the China Ministry of Construction.
- 12/2007** KONE awarded 2007 Best Real Estate Supplier at the China International Real Estate & Architect Fair (CIHA F). KONE MonoSpace® recommended as one of the 2007 Recommended Components & Products for Energy-Saving Construction.
- 12/2005** KONE MonoSpace cited by Legambiente Lombardia (Environmental Coalition of Lombardy), the government of the Region of Lombardy, the Technical University of Milan, and Bocconi University for environmental friendliness at the fifth annual Friend of the Environment Awards for Innovation. These awards are given for Efficiency in Consumption and Eco-design: solutions for sustainable development.
- 06/2005** 100,000th KONE MonoSpace® elevator installed in the National Grand Theater, Beijing, China.
- 07/2003** KONE wins Premio Quartrium Award for originality, Spain.
- 03/2000** KONE solutions chosen for Thermo-Staete, the most energy-efficient office building in the Netherlands.
- 04/1999** KONE wins Construmat 1999 Prize for Innovative Technology, Barcelona, Spain.
- 02/1999** KONE solutions chosen for "Eyecatcher", a Swissbau showcase green building, Switzerland.
- 03/1998** KONE wins Electrical Industry's (SE T) Annual Award, Finland.
- 10/1997** KONE wins Top Prize for Innovation at the SAIE '97 Fair, Bologna.
- 06/1997** KONE wins the Grand Prix '97 at the CONECO fair, Bratislava, Slovakia.
- 09/1996** KONE wins the Grand Prix at the Building Fair, Prague.

# KONE MONOSPACE® MILESTONES

- 03/1996** KONE MonoSpace announced
- 1998** World's longest test shaft (329 m), Tytyri Elevator R&D Centre, Finland
- 01/2007** The latest KONE TranSys™ (a goods elevator based on MonoSpace technology) loads up from 2000 kg to 5000 kg
- 01/2007** Additional speeds up to 3.0 m/s for KONE MonoSpace Elevator
- 04/2008** 200,000th KONE MonoSpace elevator delivered

# KONE E MONOSPACE® GUIDE

KONE E MONOSPACE BASIC DIMENSIONS											
Persons/rated load (kg)	Speed (m/s)	Car size BB×DD (mm)	Door type	Car type	LL (mm)	LR (mm)	EN81-20				Balustrade height
							WW (mm)	WD (mm)	Pit (mm)	Headroom (mm)*	
04 / 320	1.0	900 × 1000	SO	SEC	700	900	1450	1550	1230	3580	700
05 / 400	1.0	950 × 1100	CO	SEC	800	1000	1800	1480	1230	3980	1100
			SO	SEC	700	900	1500	1550	1230	3580	700
06 / 450	1.0	1100 × 1150	CO	SEC	800	1000	1800	1650			
			SO	SEC	800	1000	1650	1700			
		1000 × 1200	CO	SEC	800	1000	1800	1570	1160	3980	1100
			SO	SEC	800	1000	1550	1700	1160	3580	700
06 / 480	1.0	950 × 1300	SO	SEC	700	900	1500	1750			
				800	1000	1530	1750				
				TTC	700	900	1500	1860			
				800	1000	1530	1860				
		1000 × 1250	CO	SEC	800	1000	1800	1600	1160	3980	1100
			SO	SEC	800	1000	1550	1700	1160	3580	700
				TTC	800	1000	1550	1810			
			1000 × 1300	SO	SEC	700	900	1550			
800	1000	1550			1700						
TTC	700	900			1550	1860					
800	1000	1550			1860						
1200 × 1100	CO	SEC	800	1000	1800	1600	1160	3580	700		
	SO	SEC	800	1000	1750	1700					
08 / 630	1.0	1100 × 1400	CO	SEC	800	1000	1800	1730	1160	3580	700
				TTC	800	1000	1800	1860	1160	3580	700
				SEC	900	1100	2000	1730	1160	3980	1100
				TTC	900	1100	2000	1860	1160	3980	1100
			SO	SEC	800	1000	1690	1780	1160	3580	700
				SEC	900	1100	1690	1780			
12 / 900	1.0	1400 × 1500	CO	TTC	900	1100	2225	1960	1160	3980	1100
			CO	SEC	1000	1200	2200	1980			
			SO	SEC	1000	1200	1950	1990	1160	3580	700
			CO	SEC	900	1100	2000	1980			
			SO	SEC	900	1100	1950	1990			
			CO	SEC	900	1100	1950	1990			
13 / 1000	1.0	1400 × 1600	CO	SEC	1000	1200	2200	1980	1160	3980	1100
			SO	SEC	1000	1200	1950	2010	1160	3580	700
			CO	SEC	900	1100	2000	1980			
			SO	SEC	900	1100	1950	2010			
				800	1000	1950	2030				
			CO	TTC	1000	1200	2200	2060	1160	3980	1100
		CO	TTC	900	1100	2000	2060	1160	3580	700	
		1600 × 1400	CO	SEC	900	1100	2150	1880	1160	3580	700
			1000	1200	2200	1880					
			SO	SEC	900	1100	2150	1930			
			1000	1200	2150	1930					
		1100 × 2100	CO	SEC	900	1100	2000	2400	1160	3980	1100
			TTC	900	1100	2000	2560				
			SO	SEC	800	1000	1660	2480	1160	3580	700
				900	1100	1700	2480				
		1000	1200	1830	2480	1160	3980	1100			
		CO	SEC	900	1100				2000	2110	
		1300 × 1800	CO	SEC	1000	1200	2200	2110	1160	3980	1100
			SO	SEC	900	1100	1900	2160			
			1000	1200	1900	2160					
			CO	SEC	900	1100	2050	2010			
		1500 × 1600	CO	SEC	1000	1200	2200	2010	1160	3980	1100
			SO	SEC	900	1100	2050	2060	1160	3580	700
			1000	1200	2050	2060					
CO	SEC		900	1100	2150	1960	1160	3580	700		
SO	SEC	1000	1200	2200	1960						
1600 × 1500	CO	SEC	900	1100	2150	2030	1160	3580	700		
	1000	1200	2150	2030							
	SO	SEC	1000	1200	2150	2030					
	1000	1200	2150	2030							

\*Headroom NOM is based on both Car height & balustrade height. (Headroom NOM shown is based on minimum Car Height 2100mm. If Car Height increases, Headroom minimum increases accordingly).

### KONE E MONOSPACE BASIC DIMENSIONS (CONT.)

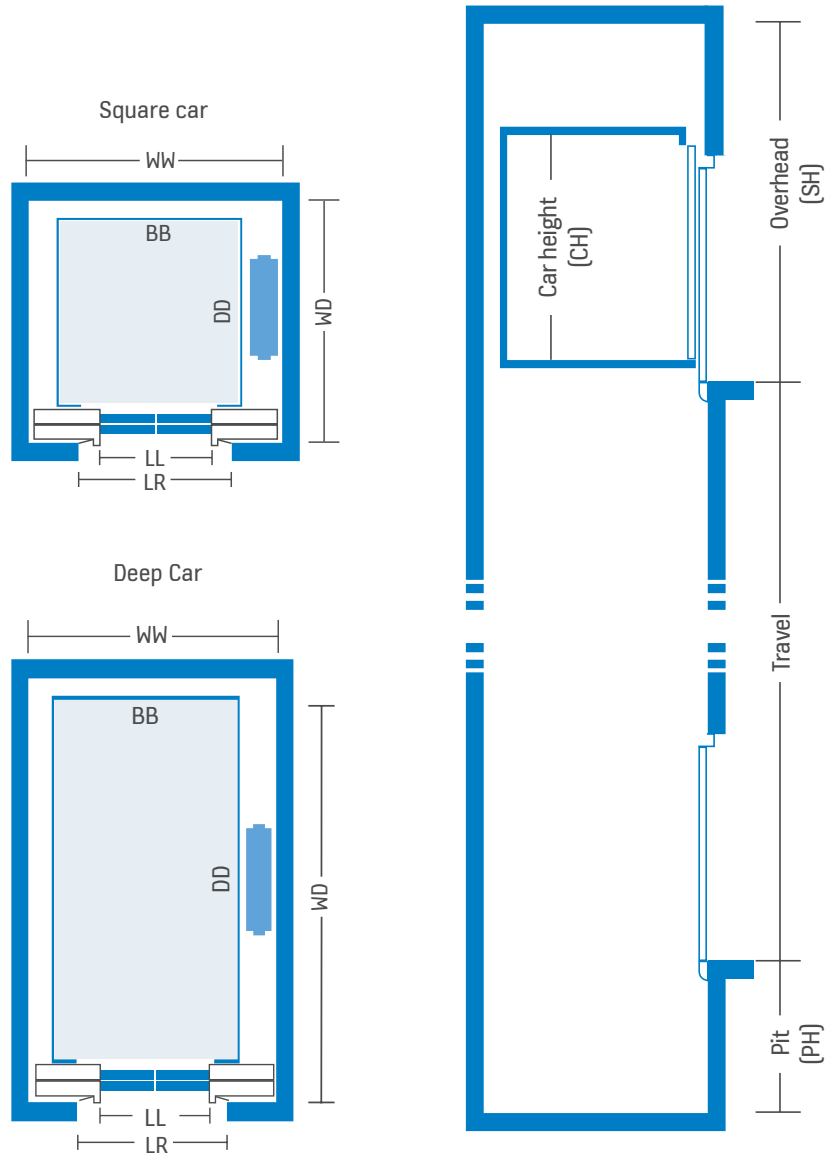
Persons/rated load (kg)	Speed (m/s)	Car size BBxDD (mm)	Door type	Car type	LL (mm)	LR (mm)	EN81-20				Balustrade height
							WW (mm)	WD (mm)	Pit (mm)	Headroom (mm)*	
13 / 1000	1.0	1200 x 1980	CO	SEC	900	1100	2000	2280	1160	3580	700
					1000	1200	2150	2280		3980	1100
			SO	SEC	900	1100	1800	2350		3580	700
					1000	1200	1830	2350		3580	700
			CO	TTC	900	1100	2000	2440		3580	700
					1000	1200	2150	2440		3980	1100
		1400 x 1700	CO	SEC	900	1100	2000	2050		3580	700
					1000	1200	2200	2050		3980	1100
			SO	SEC	900	1100	2000	2100		3580	700
					1000	1200	2000	2100		3580	700
			CO	TTC	900	1100	2000	2160		3580	700
					1000	1200	2200	2160		3980	1100

Speed	1.0 m/s, 1.6 m/s, 1.75 m/s
Load	320, 400, 450, 480, 630, 800, 900, 1000 kg
Max. stops	16 (1.0 m/s), 18 (1.6 m/s), 28 (1.75 m/s)
Max. travel (m)	45 (1.0 m/s), 55 (1.6 m/s), 75 (1.75 m/s)
Car height (CH)	2100, 2200, 2300, 2400 mm

KEY			
LL	Landing Door Width	DD	Car Depth
LR	Landing rough opening	SEC	Single entrance car
WW	Shaft Well Width	TTC	Through car (entrance front and rear)
WD	Shaft Well Depth	CO	Centre opening
BB	Car Width	SO	Side opening

**Note:**

- Dimensions are based on compliance with EN81-20.
- All Design details are based on a single elevator in a single shaft travelling 4 stops.



KONE provides innovative and energy 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 modernisation.

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® and KONE UltraRope®.

KONE employs over 55,000 dedicated experts to serve you globally and locally. We have a team of over 1500 staff around Australia and New Zealand.



**KONE OFFICES**

**AUSTRALIA**

ACT	Canberra and South West	Ph +61 2 6123 2600
NSW	Sydney Newcastle and North Coast	Ph +61 2 9577 7000 Ph +61 2 4949 3333
QLD	Brisbane Cairns Gladstone Gold Coast Sunshine Coast Townsville	Ph +61 7 3270 1810 Ph +61 7 4044 0888 Ph +61 7 4978 1222 Ph +61 7 5510 2700 Ph +61 7 5493 7000 Ph +61 7 4779 4106
NT	Darwin	Ph +61 8 8941 4047
WA	Perth	Ph +61 8 9270 9000
SA	Adelaide	Ph +61 8 8130 3800
TAS	Hobart	Ph +61 3 6231 2045
VIC	Melbourne	Ph +61 3 9934 8000

[www.kone.com.au](http://www.kone.com.au)

**NEW ZEALAND**

NTH	Auckland Wellington	Ph +64 9 361 9000 Ph +64 4 381 4330
STH	Christchurch Dunedin	Ph +64 3 338 3900 Ph +64 3 477 5627

[www.kone.co.nz](http://www.kone.co.nz)