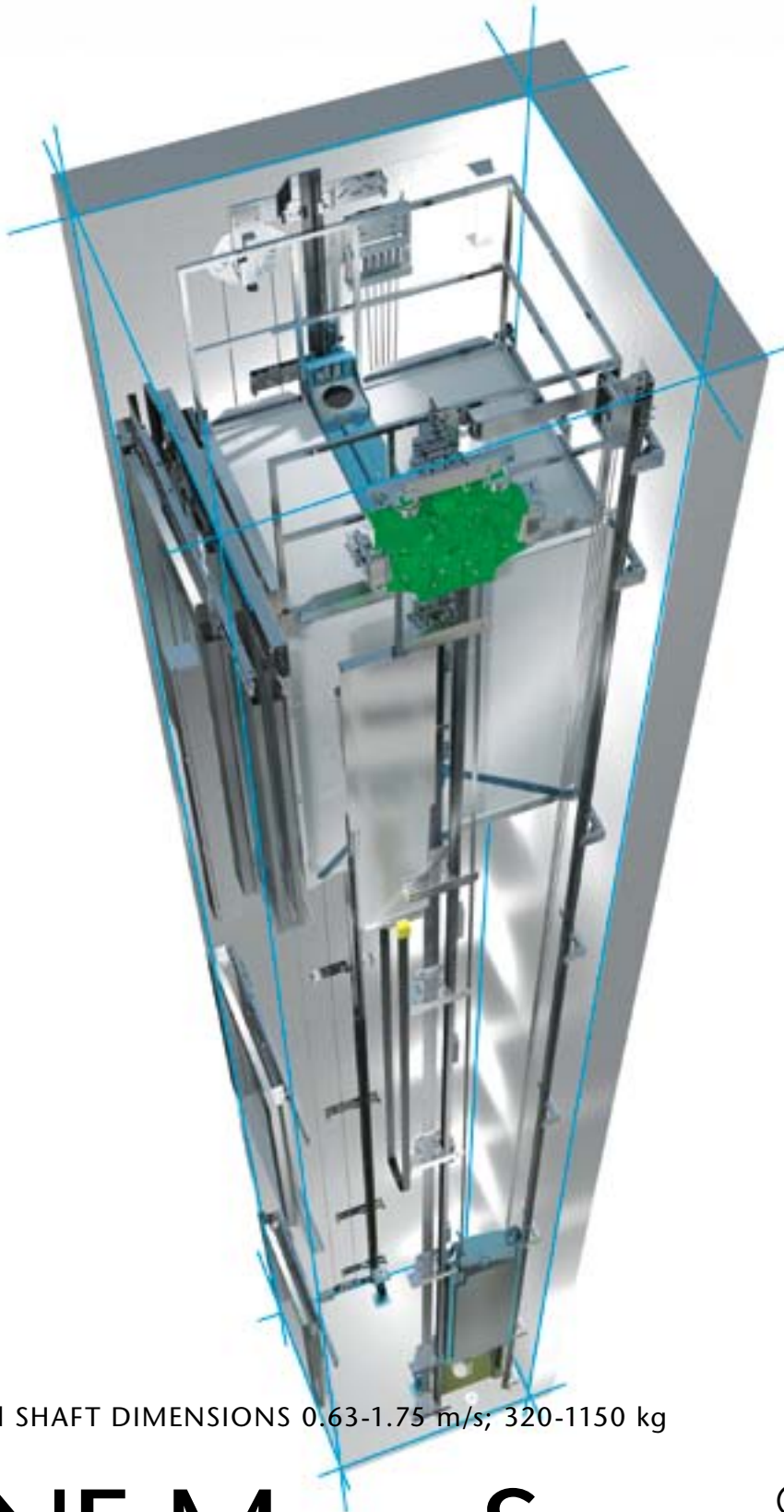


Dedicated to People Flow™



OPTIONS and SHAFT DIMENSIONS 0.63-1.75 m/s, 320-1150 kg

# KONE MonoSpace® 500

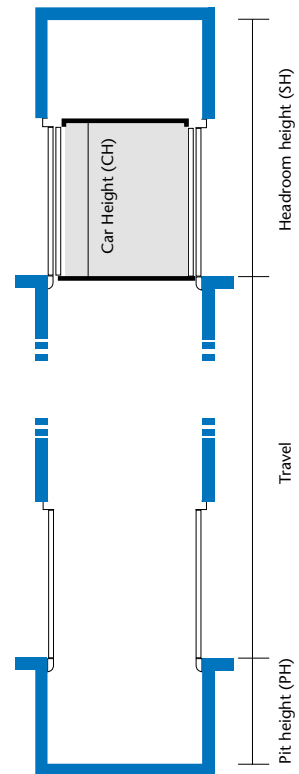
# KONE MonoSpace® 500

KONE MonoSpace 500 duty range			
Speed (m/s)	Load (kg)	Travel (m)	Stops
0.63	680	35	16
1	1150	55	21
1.6	1150	75	24
1.75	1150	75	24

KONE MonoSpace 500 headroom height (SH)			
Speed (m/s)	Standard ceiling (mm)	RL11 RL12	CL151, CL162, CL88L, CL193, CL94L
0,63 / 1.0	CH + 1300/ CH + 570	CH + 1220/ CH + 500	CH + 1380/ CH + 650
1.6	CH + 1500	CH + 1420	CH + 1580
1.75	CH + 1500	CH + 1420	CH + 1580

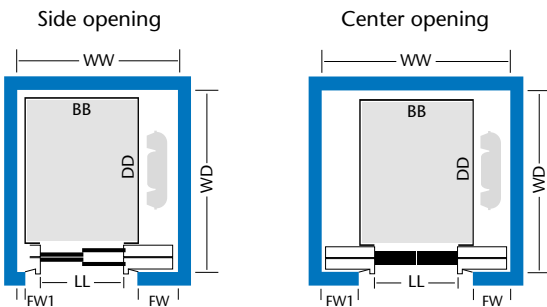
KONE MonoSpace 500 pit height (PH)		
Speed (m/s)	Standard	Minimum with low pit safety device
1.0	1050	650
1.6	1200	n.a
1.75	1200	n.a
	Max 1550	Max 1049

- Q = Rated load of elevator
- BB = Car width
- DD = Car depth
- CH = Car clear height
- FW = Front wall width
- FW1 = Side wall left - frame door application only
- FW2 = Side wall right - frame door application only
- HH = Door clear opening height
- HR = Door raw opening height
- LL = Door clear opening width
- LR = Door raw opening width
- LW = Right front door cover (including 30 mm tolerance)
- LW1 = Left front door cover (including 30 mm tolerance)
- LA = Front panel width, left
- LB = Front panel width, right
- FL = Front wall width, car, left
- FR = Front wall width, car, right
- WW = Shaft width
- WD = Shaft dept

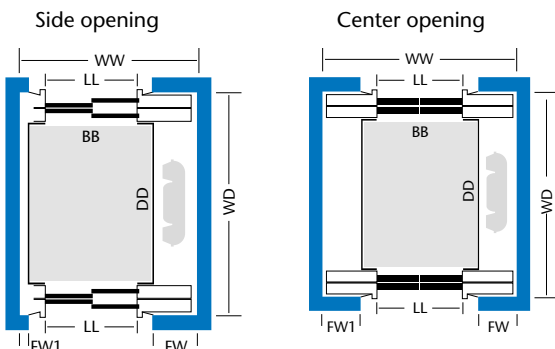


## Frame and narrow frame door types

### Single entrance car (SEC)



### Through type car (TTC)



#### Frame widths:

Frame door:  $(WW - LL - FW1 - FW) / 2 = 120 \text{ mm}$

Narrow frame:  $(WW - LL - FW1 - FW) / 2 = 50 \text{ mm}$





## Frameless doors (single entrance and through type cars)

### Center opening doors

Load (kg)	BB (mm)	DD (mm)	Persons	LL (mm)	WW min (mm)	WW nom (mm)	WD min (mm)		Front wall width, car*		Shaft wall width, frameless doors		
							SEC	TTC	FL (mm)	FR (mm)	FW (mm)	FW1 (mm)	LR (mm)
630	1100	1400	8	800	1740	1750	1700	1810	145	155	470	470	800
630	1100	1400	8	900	1940	1950	1700	1810	50	150	520	520	900
630	1100	1400	8	1000	2140	2150	1700	1810	50	50	570	570	1000
800	1350	1400	10	800	1840	1850	1700	1810	370	180	520	520	800
800	1350	1400	10	900	1940	1950	1700	1810	270	180	520	520	900
900	1400	1500	12	800	1900	1900	1800	1910	400	200	550	550	800
900	1400	1500	12	900	1940	1950	1800	1910	320	180	520	520	900
1000	1100	2100	13	800	1740	1750	2400	2510	170	130	470	470	800
1000	1100	2100	13	900	1940	1950	2400	2510	50	150	520	520	900
1000	1100	2100	13	1000	2140	2150	2400	2510	50	50	570	570	1000
1000	1300	1700	13	900	1940	1950	2000	2110	220	180	520	520	900
1000	1300	1700	13	1000	2140	2150	2000	2110	70	230	570	570	1000
1000	1300	1700	13	1100	2340	2350	2000	2110	50	150	620	620	1100
1000	1400	1600	13	1000	2140	2150	1900	2010	170	230	570	570	1000
1000	1400	1600	13	1100	2340	2350	1900	2010	50	250	620	620	1100
1000	1450	1550	13	900	1940	1950	1850	1960	370	180	520	520	900
1000	1450	1550	13	1000	2140	2150	1850	1960	220	230	570	570	1000
1000	1600	1400	13	900	2100	2100	1700	1810	450	250	600	600	900
1000	1600	1400	13	1000	2140	2150	1700	1810	370	230	570	570	1000
1000	1600	1400	13	1100	2340	2350	1700	1810	220	280	620	620	1100
1150	1200	2100	15	900	1940	1950	2400	2510	120	180	520	520	900
1150	1200	2100	15	1000	2140	2150	2400	2510	50	150	570	570	1000
1150	1200	2100	15	1100	2340	2350	2400	2510	50	50	620	620	1100
1150	1400	1850	15	900	1940	1950	2150	2260	320	180	520	520	900
1150	1400	1850	15	1000	2140	2150	2150	2260	170	230	570	570	1000
1150	1400	1850	15	1100	2340	2350	2150	2260	50	250	620	620	1100

\*Machine on right side

### Side opening doors

Load (kg)	BB (mm)	DD (mm)	Persons	LL (mm)	WW min (mm)	WW nom (mm)	WD min (mm)		Front wall width, car*		Shaft wall width, frameless doors		
							SEC	TTC	FL (mm)	FR (mm)	FW (mm)	FW1 (mm)	LR (mm)
320	750	1100	4	600	1220	1225	1500	n.a	45	105	420	200	600
320	750	1100	4	700	1300	1300	1500	n.a	20	30	420	180	700
320	900	1000	4	700	1370	1375	1450	n.a	45	155	470	200	700
400	800	1200	5	600	1270	1275	1600	1810	45	155	470	200	600
400	800	1200	5	700	1300	1300	1600	1810	20	80	420	180	700
400	950	1100	5	700	1420	1425	1500	1710	145	105	420	300	700
400	950	1100	5	800	1450	1450	1500	1710	20	130	470	180	800
450	1000	1200	6	800	1470	1475	1600	1810	45	155	470	200	800
450	1000	1200	6	900	1600	1600	1600	1810	20	80	520	180	900
480	950	1300	6	700	1420	1425	1700	1910	145	105	420	300	700
480	950	1300	6	800	1450	1450	1700	1910	20	130	470	180	800
480	950	1300	6	900	1600	1600	1700	1910	20	30	520	180	900
480	1000	1250	6	800	1470	1475	1650	1860	45	155	470	200	800
480	1000	1250	6	900	1600	1600	1650	1860	20	80	520	180	900
630	1100	1400	8	800	1570	1575	1800	2010	145	155	470	300	800
630	1100	1400	8	900	1600	1600	1800	2010	20	180	520	180	900
680	1130	1400	9	800	1600	1600	1800	2010	145	185	500	300	800
680	1130	1400	9	900	1600	1600	1800	2010	25	205	520	180	900
680	1130	1400	9	1000	1750	1750	1800	2010	20	110	570	180	1000
680	1200	1400	9	900	1670	1675	1800	2010	45	255	570	200	900
800	1350	1400	10	800	1850	1850	1800	2010	250	300	650	400	800
800	1350	1400	10	900	1850	1850	1800	2010	150	300	650	300	900
800	1350	1400	10	1000	1850	1850	1800	2010	50	300	650	200	1000
900	1400	1500	12	800	1900	1900	1900	2110	400	200	550	550	800
900	1400	1500	12	900	1900	1900	1900	2110	250	250	600	400	900
900	1400	1500	12	1000	1900	1900	1900	2110	150	250	600	300	1000
1000	1100	2100	13	800	1600	1600	2500	2710	150	150	500	300	800
1000	1100	2100	13	900	1600	1600	2500	2710	20	180	520	180	900
1000	1100	2100	13	1000	1750	1750	2500	2710	20	80	570	180	1000
1000	1300	1700	13	900	1800	1800	2100	2310	150	250	600	300	900
1000	1300	1700	13	1000	1800	1850	2100	2310	50	250	600	200	1000
1000	1400	1600	13	900	1900	1900	2000	2210	250	250	600	400	900
1000	1400	1600	13	1000	1900	1900	2000	2210	150	250	600	300	1000
1000	1450	1550	13	900	1950	1950	1950	2160	250	300	650	400	900
1000	1450	1550	13	1000	1950	1950	1950	2160	150	300	650	300	1000
1150	1200	2100	15	900	1700	1700	2500	2710	50	250	600	200	900
1150	1200	2100	15	1000	1750	1750	2500	2710	20	180	570	180	1000
1150	1200	2100	15	1100	1900	1900	2500	2710	20	80	620	180	1100
1150	1400	1850	15	900	1900	1900	2250	2460	250	250	600	400	900
1150	1400	1850	15	1000	1900	1900	2250	2460	150	250	600	300	1000
1150	1400	1850	15	1100	1900	1900	2250	2460	20	280	620	180	1100

\*Machine on right side

## KES 100 slim doors (single entrance and through type cars)

### Center opening doors

Load (kg)	BB (mm)	DD (mm)	Persons	LL (mm)	VW min (mm)	VW nom (mm)	WD min (mm)		Front wall width, car*		Shaft wall width, frameless doors			Shaft wall width, frame doors		
							SEC	TTC	FL (mm)	FR (mm)	FW (mm)	FW1 (mm)	LR (mm)	FW (mm)	FW1 (mm)	LR (mm)
630	1100	1400	8	800	1570	1600	1700	1820	145	155	470	300	800	340	170	1060
630	1100	1400	8	900	1625	1625	1700	1820	50	150	465	260	900	335	130	1160
800	1350	1400	10	800	1840	1850	1700	1820	370	180	520	520	800	390	390	1060
800	1350	1400	10	900	1840	1850	1700	1820	270	180	520	420	900	390	290	1160
900	1400	1500	12	800	1890	1900	1800	1920	400	200	540	550	800	410	420	1060
900	1400	1500	12	900	1890	1900	1800	1920	320	180	520	470	900	390	340	1160
1000	1100	2100	13	800	1590	1600	2400	2520	170	130	470	320	800	340	190	1060
1000	1100	2100	13	900	1650	1650	2400	2520	50	150	490	260	900	360	130	1160
1000	1600	1400	13	900	2090	2100	1700	1820	450	250	590	600	900	460	470	1160
1000	1450	1550	13	900	1940	1950	1850	1970	370	180	520	520	900	390	390	1160
1000	1300	1700	13	900	1790	1800	2000	2120	220	180	520	370	900	390	240	1160
1150	1400	1850	15	900	1890	1900	2150	2270	320	180	520	470	900	390	340	1160
1150	1200	2100	15	900	1690	1700	2400	2520	120	180	520	270	900	390	140	1160

\*Machine on right side

### Side opening doors

Load (kg)	BB (mm)	DD (mm)	Persons	LL (mm)	VW min (mm)	VW nom (mm)	WD min (mm)		Front wall width, car*		Shaft wall width, frameless doors			Shaft wall width, frame doors		
							SEC	TTC	FL (mm)	FR (mm)	FW (mm)	FW1 (mm)	LR (mm)	FW (mm)	FW1 (mm)	LR (mm)
320	750	1100	4	600	1220	1225	1450	n.a	45	105	420	200	600	290	70	860
320	750	1100	4	700	1230	1250	1450	n.a	20	30	350	180	700	220	50	960
320	900	1000	4	700	1370	1375	1400	n.a	45	155	470	200	700	340	70	960
400	800	1200	5	600	1270	1275	1550	1750	45	155	470	200	600	340	70	860
400	800	1200	5	700	1280	1300	1550	1750	20	80	400	180	700	270	50	960
400	950	1100	5	700	1420	1425	1450	1650	145	105	420	300	700	290	170	960
400	950	1100	5	800	1430	1450	1450	1650	20	130	450	180	800	320	50	1060
450	1000	1200	6	800	1470	1475	1550	1750	45	155	470	200	800	340	70	1060
450	1000	1200	6	900	1480	1500	1550	1750	20	80	400	180	900	270	50	1160
480	950	1300	6	700	1420	1425	1650	1850	145	105	420	300	700	290	170	960
480	950	1300	6	800	1430	1450	1650	1850	20	130	450	180	800	320	50	1060
480	950	1300	6	900	1430	1450	1650	1850	20	30	350	180	900	220	50	1160
480	1000	1250	6	800	1470	1475	1600	1800	45	155	470	200	800	340	70	1060
480	1000	1250	6	900	1480	1500	1600	1800	20	80	400	180	900	270	50	1160
630	1100	1400	8	800	1570	1575	1750	1950	145	155	470	300	800	340	170	1060
630	1100	1400	8	900	1570	1575	1750	1950	20	180	495	175	900	365	45	1160
680	1130	1400	9	800	1600	1600	1750	1950	145	185	500	300	800	370	170	1060
680	1130	1400	9	900	1600	1600	1750	1950	25	205	520	180	900	390	50	1160
680	1200	1400	9	900	1670	1675	1750	1950	45	255	570	200	900	440	70	1160
800	1350	1400	10	800	1840	1850	1750	1950	250	300	640	400	800	510	270	1060
800	1350	1400	10	900	1840	1850	1750	1950	150	300	640	300	900	510	170	1160
900	1400	1500	12	800	1890	1900	1850	2050	400	200	540	550	800	410	420	1060
900	1400	1500	12	900	1890	1900	1850	2050	250	250	590	400	900	460	270	1160
1000	1100	2100	13	800	1590	1600	2450	2650	150	150	490	300	800	360	170	1060
1000	1100	2100	13	900	1590	1600	2450	2650	20	180	520	170	900	390	40	1160
1000	1300	1700	13	900	1790	1800	2050	2250	150	250	590	300	900	460	170	1160
1000	1400	1600	13	900	1890	1900	1950	2150	250	250	590	400	900	460	270	1160
1000	1450	1550	13	900	1940	1950	1900	2100	250	300	640	400	900	510	270	1160
1150	1200	2100	15	900	1690	1700	2450	2650	50	250	590	200	900	460	70	1160
1150	1400	1850	15	900	1890	1900	2200	2400	250	250	590	400	900	460	270	1160

\*Machine on right side

KONE MonoSpace® 500 option and features				
	Option Code	Building segment recommendation		KONE MonoSpace 500
		Residential	Commercial	
<b>Eco-efficiency features and options</b>				
Regenerative drive	BMV M/MU	☆	☆	○
LED lighting		☆	☆	○
Car light standby	OCL A	☆	☆	●
Ventilation standby	OCV A		☆	○
Signalization dimming		☆	☆	●
Drive standby		☆	☆	●
Controller standby	SBM V	☆	☆	○
VDI4707 A-class energy efficiency		☆		○ / ●
VDI4707 A-class certification		☆		○
<b>People flow enhancement features</b>				
Full collective control system	FC		☆	○
Push button control system	PB	☆		●
Down collective control system	DC	☆		○
KONE Polaris 500 Destination control	DCS		☆	○
KONE Polaris 800 Destination control	DCS		☆	-
KONE Polaris 900 Destination control	DCS		☆	-
Advance door opening	ADO		☆	○
Curtain of light in car door	COL	☆	☆	○
Nudging operation, warning signal to closing door (NUD)	NUD		☆	○
Bypass load function, landing calls not picked if over 80% load in car	BLF	☆	☆	○
Adaptation to traffic peaks	IUP/IDP/ITP	☆	☆	●
Door closed button	DCB		☆	○
Priority car call, with key	PRC	☆		○
Quick door close from new car call	QCC	☆	☆	○
<b>Accessibility features and options</b>				
Compliance of EN81-70		☆	☆	○
Curtain of light in car door	COL		☆	○
Lift audible announcer	ACU F	☆	☆	○
Door open with extended door time	DOE B	☆	☆	○
Door open button	DOB	☆	☆	●
Door close button	DCB		☆	○
Induction loop in car for people with hearing aid	ILS		☆	○
Access control with pin code locked car calls		☆		○
Automatic parking at main floor	PAM	☆	☆	○
Tenant directory on COP, custom COP faceplate			☆	○
Loudspeaker provision in car			☆	○
Call registered buzzer in car and at landing		☆	☆	○
Green main floor button	GFB	☆	☆	○
Folding seat in car		☆		○
Out of service switch and indicator in car	OSS C		☆	○
Corridor illuminating control	CIC	☆	☆	○
<b>Security features and options</b>				
Locking of car calls with key switch	LOC E	☆	☆	○
Compulsory stopping at main floor	CSM		☆	○
Priority call in car	PRC		☆	○
Locking of landing calls	LOL	☆	☆	○
<b>Hazard avoidance features and options</b>				
Halogen free electrification cables	SHL	☆	☆	○
Accurate leveling operation with doors open	ACL B	☆	☆	●
Automatic evacuation to nearest landing	EBD A			○
Car ventilation with fan	OCV		☆	○
Emergency power drive, operation with emergency generator	EPD		☆	○
KONE Remote Monitoring with GSM connection	KRM PW	☆	☆	○
Independent dual brake		☆	☆	●
Curtain of light in car door	COL	☆	☆	○
Hoistway access detection, Door opening monitoring	DOM	☆		○
Car door lock	CDL	☆	☆	○
Car emergency light	CEL	☆	☆	●
Maintenance light on the Maintenance Access Panel		☆	☆	●
Maintenance intercom from Maintenance Access Panel to car	EPD		☆	○
Sequencer for elevator group in recovering from the power black out, EPS G	EPS G		☆	○
Safety gear in counterweight for elevators with occupied levels under the pit	CWT SG		☆	○
Earthquake sensor contact option	EAQ		☆	○
Fire service operation	FRD			○
<b>System options</b>				
KONE InfoScreen to display building related information in the car and landing		☆	☆	○
KONE E-link, elevator monitoring system			☆	○
KONE IDE300, building door, access control and elevator integration		☆		○
KONE Polaris 500 Destination control			☆	○
KONE Polaris 800 Destination control			☆	-
KONE Polaris 900 Destination control			☆	-
<b>Special elevator solutions conforming with safety codes</b>				
EN81-72 Fire fighters lifts				○
EN81-73 Behaviour of lifts in the event of fire		☆	☆	○
EN81-71 Vandal resistant lifts, CAT1				○
EN81-70, Elevators for passengers with disabilities		☆	☆	○





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 Capital City in Moscow, Hongqiao Transport Hub in Shanghai, North LaSalle in Chicago and Tour First in Paris.

KONE employs on average 35,000 dedicated experts to serve you globally and locally in over 50 countries.

**KONE Corporation**  
**[www.kone.com](http://www.kone.com)**