



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 approximately 34,000 dedicated experts to serve you globally and locally in over 50 countries.

KONE Corporation
www.kone.com

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Dedicated to People Flow™



VISUAL OPTIONS, CAR AND SHAFT DIMENSIONS FOR

KONE Medical elevators

KONE elevator solutions for medical applications

Elevators are essential for ensuring the smooth flow of people and goods in the hospital. KONE provides a full range of elevator solutions for staff, patients, visitors, supplies and equipment. When designing solutions for the medical environment, the objectives are utmost reliability, safety and energy-efficiency, which lower the cost of ownership and the environmental impact. In hospital environments special attention is paid to hygiene. Materials have been carefully selected to be aesthetically pleasing and easy to clean.

Customer benefits of KONE medical elevators:

Energy efficient and cost-effective

- Energy efficient drives and hoisting systems with regenerative features
- Energy-saving LED and fluorescent lighting solutions
- Standby solutions to save energy when equipment is not in use

Efficient management of people and goods flow

- Centralized elevator and escalator monitoring, command and management; exchange of data between systems, with KONE E-Link™
- Easy exchange of data and integration with other facility management systems through open standard interfaces

Safe, smooth and reliable

- Accurate leveling to improve safety, comfort and ease of use, important for elderly and disabled people and when loading beds and trolleys
- Reliable, permanent magnet based gearless KONE EcoDisc® hoisting units with excellent track record, more than 300 000 units in operation globally
- Strictest requirements for electromagnetic compatibility: EN-12015 and EN-12016
- Complies with the European standard EN81-70 relating to disabled access



Space-efficient construction

- KONE machine-room-less elevators save space, allowing more room for patient care and giving architectural freedom for design
- No need for a machine room on the roof, allowing flat roof structures. Helipad elevators can operate through the roof next to landing zone

Hygienic and visually pleasing

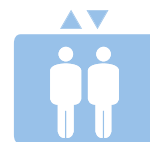
- Pleasing designs and colors, comforting for patients and staff
- Durable, easy-to-clean materials

Elevator types and duty ranges for medical applications

	Nominal load		Max stops	Speed m/s
	Persons	kg		
Bed elevators	17-67	1275-5000	24	1.0-2.0
Service elevators	13-67	1000-5000	24	1.0-2.0
Passenger elevators	13/26	1000-2000	24	1.6-2.0

For more detailed information about available car and shaft sizes, see separate planning information or contact your KONE sales representative.

KONE passenger elevators

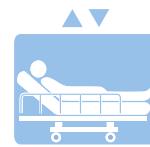


KONE passenger elevators are designed to transport visitors and staff smoothly and energy-efficiently.

- **Space efficiency** – maximum car sizes with minimum shaft dimensions. Increases passengers' convenience while saving construction costs
- **Machine-room-less** – enables elevator to serve the top floor, or even the roof, without a machine room on the hospital roof
- **Design** – wide selection of design alternatives to match the building's architecture
- **Selected surface materials** – visually pleasing, easy-to-clean surface materials, durable and smooth floor materials for smooth movement of beds and wheelchairs
- **Wide duty range** – to satisfy the people flow requirements of any hospital
- **Meets the requirements of EN81-70** – the code for improving the use of elevators for people with disabilities



KONE bed elevators

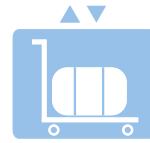


KONE bed elevators are designed especially for hospital environments, offering the following features:

- **Specialized car dimensions** – wide-opening doors and deep car sizes to accommodate the bed with accompanying staff and medical equipment
- **Smooth loading and unloading** – precise leveling for easy entry of wheelchairs, beds and patients
- **Emergency/priority/remote calls** – for immediate availability during emergency situations
- **Quiet, smooth operation** – to prevent disturbance to traveling patients and in rooms near the elevator shaft
- **Flush-mounted operating panels** – to avoid collisions with medical equipment
- **Indirect, non-glare lighting options** – to avoid the glare of light for patients lying in bed
- **Clear indicators** – to improve visibility and provide guidance for users



KONE service elevators



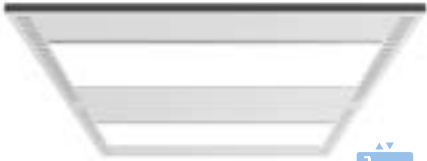
To move heavy loads, you need an elevator that is designed specifically for that purpose:

- **Fast and durable hoisting and car interior** to cope with heavy duty treatment
- **A smooth ride** to handle fragile loads
- **Accurate leveling** for easy loading and unloading
- **Full-width doors** for easy entry and maximum use of space in the car
- **Hygienic, easy-to-clean materials**



Visual options

Ceilings



Type: LF1
Finishing: White painted
Light type: T5 fluorescent tubes



Type: LF53
Finishing: Asturias Satin (F)
stainless steel or White painted
Light type: T5 fluorescent tubes



Type: LF94/LF94M
Finishing: Asturias Satin (F)
stainless steel or White painted
Light type: T5 fluorescent tubes



Type: LF95/LF95M
Finishing: Asturias Satin (F)
with white reflector
Light type: T5 fluorescent tubes



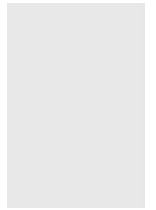
Type: LF97/LF97M
Finishing: Asturias Satin (F)
stainless steel or White painted
Light type: LED (square)



Type: LF98/LF98M
Finishing: Asturias Satin (F)
stainless steel or White painted
Light type: LED (rectangular)



Painted metal



White painted

Stainless steel



F
Asturias Satin

Walls

Stainless steel



F
Asturias Satin

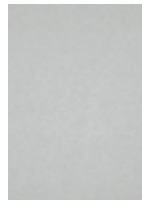


K
Scottish Quad

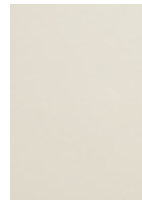


M
Flemish Linen

Coated metal



R1
Monterrey Silver



R10
Astoria Almond

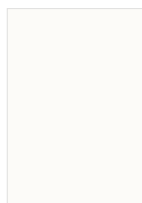
Laminate



L18
Portland Pearl



L19
Oceanside Shell

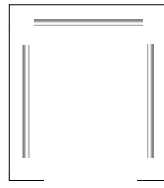


L72
Lucido Snow

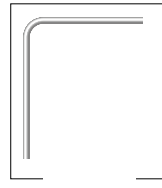
Handrails



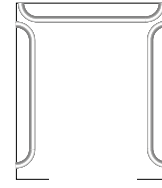
HR41/HR51 stainless steel



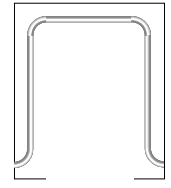
HR41/HR51 Tube



HR41T Tube with corner module



HR41R (EN81-70) Tube with rounded ends



HR41TR/HR51TR (EN81-70) Tube with corner module and rounded ends



HR53 stainless steel



HR53 (EN81-70) Tube with rounded ends

Buffer rails

Up to three buffer rails per wall



PR5 Beech Oak



PR6 Asturias Satin (F) stainless steel

Flip seat



Seat can be provided for user comfort

Floors

Composite Stone



SF2 Diorite Black

Vinyl



VF1 Chicago Silver



VF2 Chicago Lead



VF3 Cubic Cream



VF7 Gravel Grey



VF9 Sage Green

Rubber



RC5 Detroit Grey



RC9 Dayton Grey

Stainless Steel



SS Tear plate 3 mm

Signalization for bed, service and passenger elevators

KSS 140 Vandal resistant signalization



KSC 143

Landing devices



KSI 143



KSH 140



KSL 140

Car Operating Panel (COP)

Faceplate finishing:
Scottish Quad (K) stainless steel
or Asturias Satin (F) stainless steel

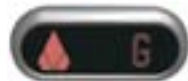
Display:
Scrolling dot matrix

KSS 305 Flush mounted signalization



KSC 305/306

Landing devices



KSI 470/471



KSH 470



KSL 420

Car Operating Panel (COP)

Faceplate finishing:
Asturias Satin (F) stainless steel

Display:
KSC 305: Scrolling dot matrix
KSC 306: 7-segment

KSS 570 Surface mounted and KSS 670 Flush mounted signalization



KSC 573/575



KSC 673/675

Landing devices



KSI 573



KSH 570



KSI 673



KSH 670



KSL 570




KSL 670

Car Operating Panel (COP)


Faceplate finishings:
Asturias Satin (F) stainless steel
Murano Mirror (H) mirror polished
stainless steel

Displays:
KSC 573/673: Scrolling dot matrix
KSC 575/675: Black and white LCD


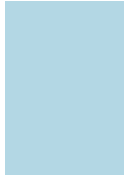


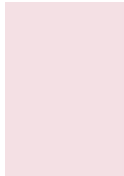
KONE Design signalization

KSC D20
Partial height Car Operating Panel (COP) 





Solid colors





Snow White

		
Ivory Black	Horizon Blue	Almond Green
		
Amber Red	Cherry Blossom	

Raster pattern

	
Anthracite Black	Sapphire Blue
	
Evergreen	Silver Grey

Mosaic pattern

	
Mist Green	Sand Beige

KSC D40
Full height Car Operating Panel (COP) 

Solid colors



Ivory Black

	
Horizon Blue	Almond Green
	
Snow White	Amber Red

Origami pattern

	
Sapphire Blue	Evergreen
	
Charcoal Grey	Anthracite Black

Landing devices



A selection of 5 solid colors is available for landing devices.

Car and shaft dimensions



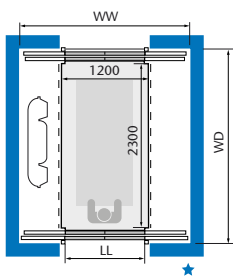
Bed Elevators

SEC = Single entrance car
TTC = Through type car

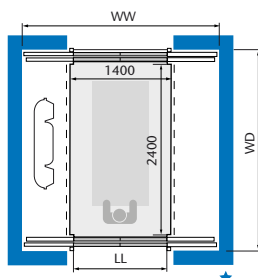
Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types		
								Door type		Door type					*)	*)
								Center	Side	Center	Side					
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4200	2000	★		
					TTC	1200x2300	1100	2350	2000	2710	2910	4200	2000	★		
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4200	2000	★		
					TTC	1400x2400	1300	2750	2300	2810	3010	4200	2000	★		
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2450	3000	3100	4200	2200	★		
					TTC	1500x2700	1400	2950	2450	3110	3310	4200	2200	★		
2500	33	Bed + 3 - 5 persons	1.6	24	SEC	1800x2700	1500	2600	2600	3150	3150	3900	1850	★		
					TTC	1800x2700	1500	-	2600	-	3310	3900	1850	★		

*) Dimensions are acc. to max. speed & CH=2300.
For other selections, please consult the local KONE sales representative.

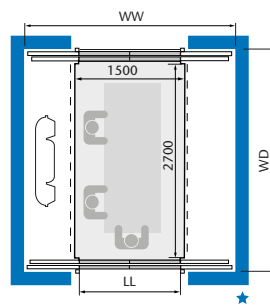
1275 kg / 17 persons
Through type / center opening



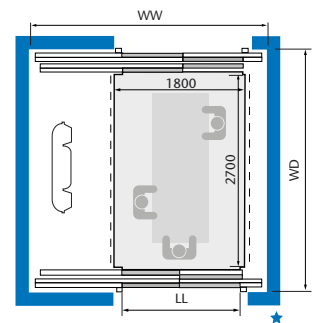
1600 kg / 21 persons
Through type / center opening



2000 kg / 26 persons
Through type / center opening

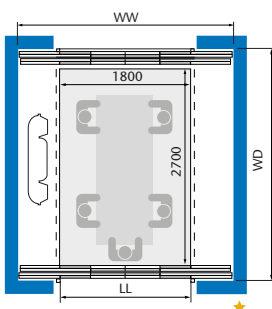


2500 kg / 33 persons
Through type / side opening

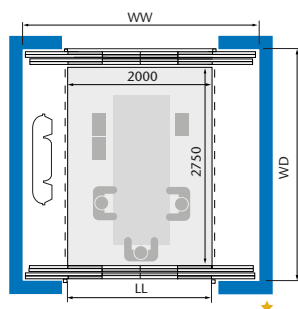


Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types		
								Door type		Door type					*)	*)
								Center	Side	Center	Side					
2500	33	Bed + 3 - 5 persons	1.0/1.6	12	SEC	1800x2700	1800	3050	-	3100	-	4100	1700	★		
					TTC	1800x2700	1800	3050	-	3250	-	4100	1700	★		
3000	40	Bed + 3 persons + monitoring equipment	1.0/1.6	12	SEC	2000x2750	2000	3250	-	3150	-	4100	1700	★		
					TTC	2000x2750	2000	3250	-	3300	-	4100	1700	★		
4000	54	Bed + 5 persons + monitoring equipment	1.0/1.6	12	SEC	2100x3400	2100	3350	-	3800	-	4100	1750	★		
					TTC	2100x3400	2100	3350	-	3950	-	4100	1750	★		
5000	67	Bed + 5 persons + monitoring equipment	1.6	12	SEC	2500x3500	2500	3900	-	3900	-	4500	2100	★		
					TTC	2400x3650	2400	3750	-	4200	-	4500	2100	★		

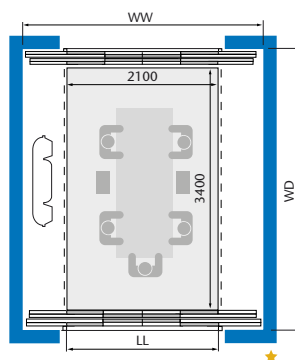
2500 kg / 33 persons
Through type / center opening



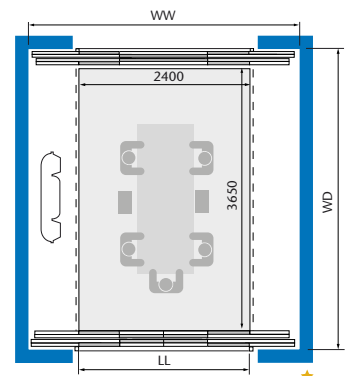
3000 kg / 40 persons
Through type / center opening



4000 kg / 54 persons
Through type / center opening



5000 kg / 67 persons
Through type / center opening



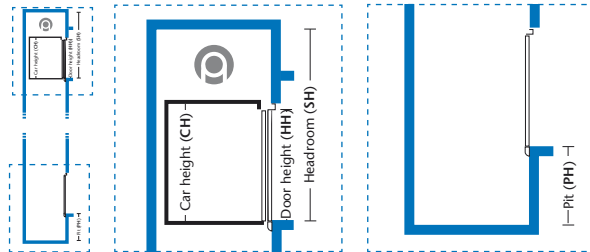


Service Elevators

SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types			
								Door type		Door type				*)	*)	MS Standard	MS Special
								Center	Side	Center	Side						
1000	13		1.6 / 2.0	24	SEC	1100x2100	1000	2200	1800	2400	2500	4100	1600	★	★		
					TTC	1100x2100	1000	2200	-	2510	-	4100	1600	★	★		
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4200	2000		★		
					TTC	1200x2300	1100	2350	2000	2710	2910	4200	2000		★		
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4200	2000		★		
					TTC	1400x2400	1300	2750	2300	2810	3010	4200	2000		★		
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2450	3000	3100	4200	2200		★		
					TTC	1500x2700	1400	2950	2450	3110	3310	4200	2200		★		
2500	33	Bed + 3 - 5 persons	1.6	24	SEC	1800x2700	1500	2600	2600	3150	3150	3900	1850		★		
					TTC	1800x2700	1500	-	2600	-	3310	3900	1850		★		

Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types		
								Door type		Door type				*)	*)	KONE TranSys
								Center	Side	Center	Side					
2500	33	Bed + 3 - 5 persons	1.0	12	SEC	1800x2700	1800	3050	-	3100	-	4100	1600		★	
					TTC	1800x2700	1800	3050	-	3250	-	4100	1600		★	
3000	40	Bed + 3 persons + monitoring equipment	1.0	12	SEC	2000x2750	2000	3250	-	3150	-	4100	1600		★	
					TTC	2000x2750	2000	3250	-	3300	-	4100	1600		★	
4000	54	Bed + 5 persons + monitoring equipment	1.0	12	SEC	2100x3400	2100	3350	-	3800	-	4100	1750		★	
					TTC	2100x3400	2100	3350	-	3950	-	4100	1750		★	
5000	67	Bed + 5 persons + monitoring equipment	1.0	12	SEC	2500x3500	2500	3900	-	3900	-	4500	2100		★	
					TTC	2400x3650	2400	3750	-	4200	-	4500	2100		★	



*) Dimensions are acc. to max. speed & CH=2300.
For other selections, please consult the local KONE sales representative.

- ★ KONE MonoSpace Standard
- ★ KONE MonoSpace Special
- ★ KONE TranSys



Passenger elevators

SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types			
								Door type		Door type				*)	*)	MS Standard	MS Special
								Center	Side	Center	Side						
1000	13		1.6 / 2.0	24	SEC	1100x2100	1000	2550	2100	2050	2150	4100	1600	★	★		
					TTC	1100x2100	1000	2150	-	2510	-	4100	1600	★	★		
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4200	2000		★		
					TTC	1200x2300	1100	2350	2000	2710	2910	4200	2000		★		
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4200	2000		★		
					TTC	1400x2400	1300	2750	2300	2810	3010	4200	2000		★		
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2450	3000	3100	4200	2200		★		
					TTC	1500x2700	1400	2950	2450	3110	3310	4200	2200		★		

*) Dimensions are acc. to max. speed & CH=2300.
For other selections, please consult the local KONE sales representative.