

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 800 000 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

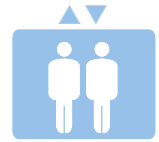
Hygienic and visually pleasing

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

	KONE elevator types and duty ranges for medical applications			
	Persons	Nominal load kg	Max stops	Speed m/s
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

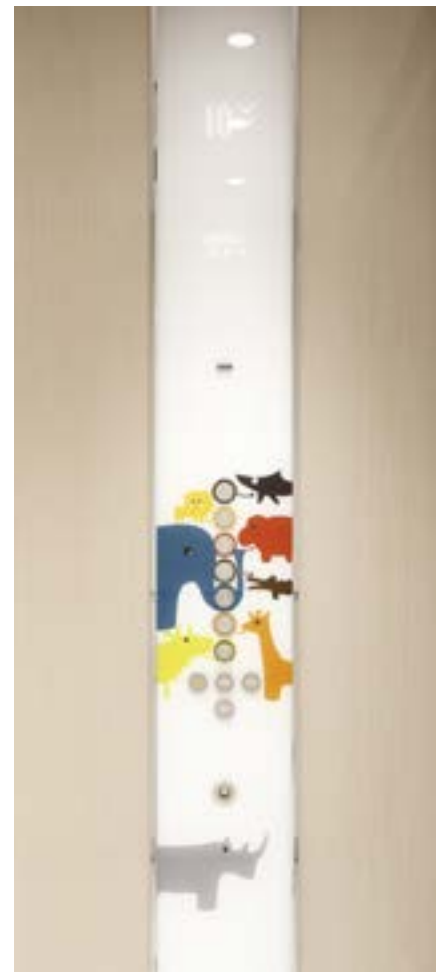
For more detailed information about available car and shaft sizes, see separate planning information or contact your KONE sales representative.

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

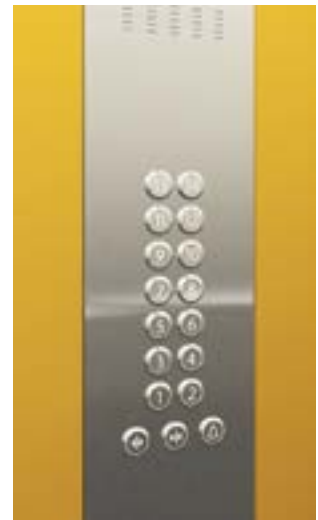


KONE bed elevators

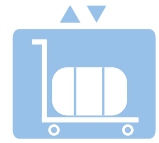


KONE bed elevators are designed especially for hospital environments, offering the following features:

- **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

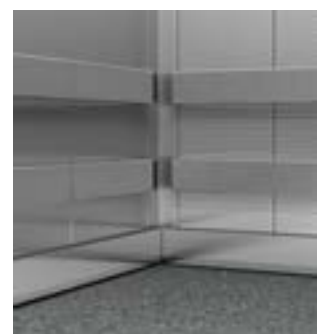
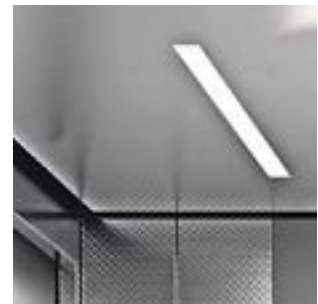


KONE service elevators



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

Cat1 Material complies with EN81-71 vandal resistant elevator solution Category 1

Cat2 Material complies with EN81-71 vandal resistant elevator solution Category 2

EN81-71 cat 2 elevator level compliancy needs to be ordered case by case and is available for KONE MonoSpace 700, KONE MiniSpace and KONE TranSys elevators

Ceilings



Type: **LF1** **Cat2**
Finishing: Pure white (RAL 9010)
Light type: T5 fluorescent tubes



Type: **CL88**
Finishings: Asturias Satin (F)
Cloud White (P50)
Murano Mirror (H)
Lighting: LED spot lights, round



Type: **CL94** **Cat1**
Finishings: Asturias Satin (F)
Cloud White (P50)
Murano Mirror (H)
Lighting: T5 fluorescent tubes



Type: **CL95**
Frame finishing: Asturias Satin (F)
Murano Mirror (H)
Center panels: Cloud White (P50) painted steel
Lighting: T5 fluorescent tubes



Type: **CL98**
Finishing: Asturias Satin (F)
Murano Mirror (H)
Lighting: LED spot lights, rectangular



Type: **CL104**
Frame finishing: Asturias Satin (F)
Murano Mirror (H)
Center panels: Cloud White (P50) painted steel
Lighting: T5 fluorescent tubes



Handrails



HR61
Round
Finishings:
Brushed stainless steel (F)
Mirror polished stainless steel (H)



HR64 **Cat1**
Round, bent ends
Finishings:
Brushed stainless steel (F)
Mirror polished stainless steel (H)
Golden brushed stainless steel (SS1)



HR65 **Cat1**
Triangular, bent ends
Finishings:
Brushed stainless steel (F)
Mirror polished stainless steel (H)



HR94 **Cat2**
Round, bent ends
Finishings:
Brushed stainless steel (F)

Buffer rails

Up to three buffer rails per wall



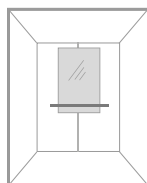
BR1 **Cat2**
Flemish Linen (TS1)



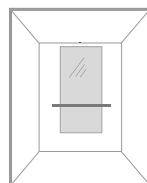
PR6 **Cat2**
Brushed stainless steel

Mirrors

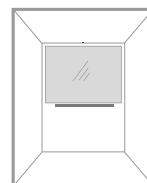
All KONE mirrors are EN81-71 Cat1 compliant



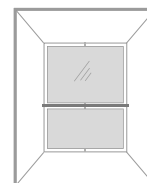
MR1
Partial width/
Partial height



MR1
Partial width/
Mid height



MR1
Full width/
Partial height



MR1
Full width/
Full height

Flip seat



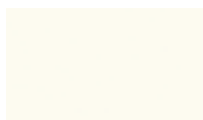
FS1
L202
Hazel Oak



FS1
L224
Black Coal

Walls

Painted steel



P50
Cloud White



P51
Misty Gray



P52
Sunny Yellow



P53
Dawn Red



P54
Sky Blue

Brushed st steel

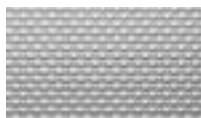


F/F1
Asturias Satin

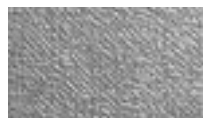
Textured st steel



K
Scottish Quad

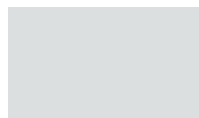


TS1
Flemish Linen



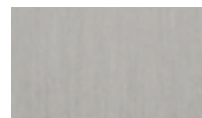
SS4
Aqua Weave

Steel



Z*
Zinc coated,
local paint or decoration

Coated steel



R30
Nordic Gray

Etched st steel



ES2
Silver Bamboo



ES4
Golden Bamboo

Laminate



L202
Hazel Oak



L203
Almond Oak



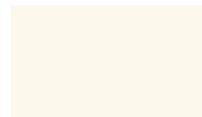
L204
Cherry Oak



L205
Ebony Oak



L208
Lotus Blue



L209
Snowberry White

Floors

Stone



SF31
Grainy Sand



SF32
Diorite Black



SF36
Spring Sand

Vinyl



VF20
Ash Gray



VF21
Sepia Brown



VF22
Carbon Gray



VF23
Steel Gray



VF25
Flakey Gray

Rubber



RC6
Dallas Black



RC20
Smoke Gray



RC21
Denver Gray

Stainless steel



AL
Aluminum

Metal plate



SS
Stainless steel

Signalization for bed, service and passenger elevators

KSS 140

Flush mounted
signalization



KSC 143

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

Car Operating Panel (COP)

Faceplate finishing:
Asturias Satin (F) stainless steel

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

KSS 670

Flush mounted
signalization



KSC 673/675

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)

Width 200 mm, height 1300 mm



Unique designs

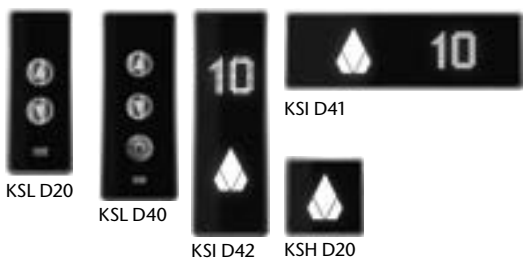


Blocks

Zoo

Numbers

Landing devices (KSC D20, KSC D40, Unique/ Numbers and Blocks)



KSL D20

KSL D40

KSI D42

KSH D20



Selection of 8 solid colors is available for landing devices.

KSC D40

Full height Car Operating Panel (COP)

Width 233 mm, height depends on car height and selected ceiling option



Ivory Black

Note:
Custom designs are also available. Contact your KONE sales representative for more information.

Accessories

Tenant directory



The printed tenant directory is completely customizable and can be easily updated according to the customer's needs.

Sizes



TD1



TD2

Directories can be installed either vertically or horizontally.

TD1

Frame finishing: brushed or polished aluminum

Digital info screens



IS08

Standard offline or online version, 8.4" display
Surface or flush-mounted

IS15

Premium offline or online version, 15" display
Surface or flush-mounted

Additional features may be available. Consult your sales representative for more information.

Frame finishing:
Brushed or polished stainless steel.

Car and shaft dimensions

Compliant with EN81-20 code



Bed Elevators

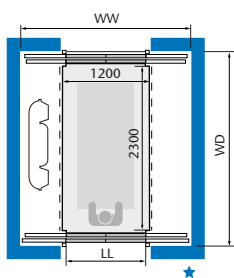
SEC = Single entrance car
TTC = Through type car

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		*)	*)	MS 700
								Center	Side	Center	Side			
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4600	1700 - 2500	★
					TTC	1200x2300	1100	2350	2000	2710	2910	4600	1700 - 2500	★
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4600	1700 - 2500	★
					TTC	1400x2400	1300	2750	2300	2810	3010	4600	1700 - 2500	★
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2500	3000	3100	4600	1850 - 2500	★
					TTC	1500x2700	1400	2950	–	3110	–	4600	1850 - 2500	★
2500	33	Bed + 3 - 5 persons	1.6	24	SEC	1800x2700	1500	3150	2500	3000	3100	4300	1500 - 2000	★
					TTC	1800x2700	1500	3150	–	3110	–	4300	1500 - 2000	★

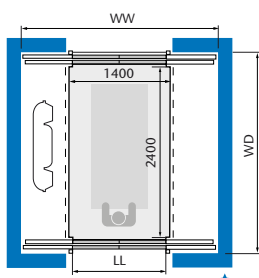
*) Dimensions are acc. to max. speed & CH=2300.

For other selections, please consult the local KONE sales representative.

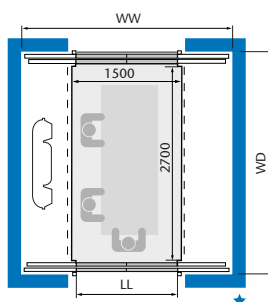
1275 kg / 17 persons
Through type / center opening



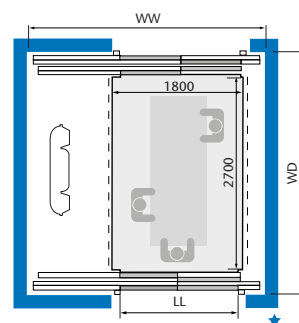
1600 kg / 21 persons
Through type / center opening



2000 kg / 26 persons
Through type / center opening



2500 kg / 33 persons
Through type / side opening

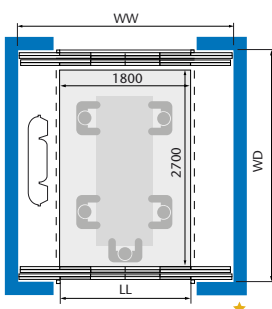


Load kg	Persons	Bed elevator	Max. speed m/s	Max stops	Car type	Car size BBxDD mm	Door width LL mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm	Available elevator types
								Door type		Door type		*)	*)	KONE TranSys
								Center	Side	Center	Side			
2500	33	Bed + 3 - 5 persons	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	3300	–	3150	–	4100	1600	★
					TTC	2000x2750	2000	3300	–	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	2500x3400	2500	3700	–	4000	–	4200	2100	★
					TTC	2500x3400	2400	3600	–	4400	–	4200	2100	★

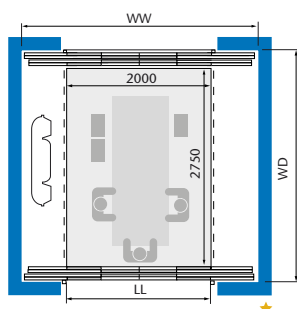
*) Dimensions are acc. to max. speed & CH=2300.

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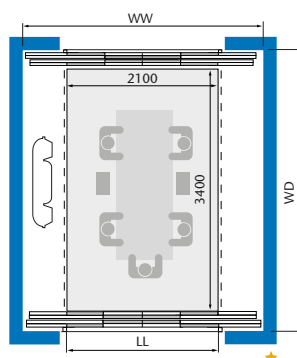
2500 kg / 33 persons
Through type / center opening



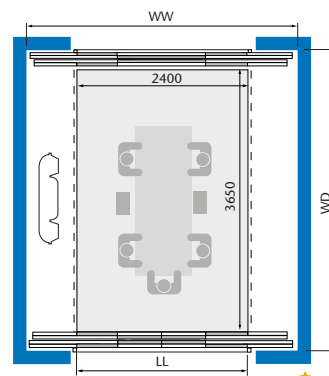
3000 kg / 40 persons
Through type / center opening



4000 kg / 54 persons
Through type / center opening



5000 kg / 67 persons
Through type / center opening





Service Elevators

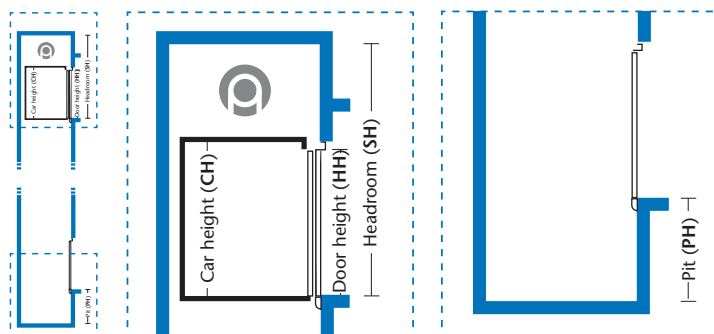
SEC = Single entrance car
TTC = Through type car

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 500	MS 700
								Center	Side	Center	Side				
1000	13		1.6	24	SEC	1100x2100	1000	2150	1750	2400	2500	3800	1200	★	
					TTC	1100x2100	1000	2150	1750	2510	2710	3800	1200	★	
1150	15		1.6	24	SEC	1200x2100	1100	2150	1900	2400	2500	3800 SO /4200 CO	1200	★	
					TTC	1200x2100	1100	2150	1900	2510	2710	3800 SO /4200 CO	1200	★	
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4600	1700 - 2500		★
					TTC	1200x2300	1100	2350	2000	2710	2910	4600	1700 - 2500		★
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4600	1700 - 2500		★
					TTC	1400x2400	1300	2750	2300	2810	3010	4600	1700 - 2500		★
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2500	3000	3100	4600	1850 - 2500		★
					TTC	1500x2700	1400	2950	–	3110	–	4600	1850 - 2500		★
2500	33	Bed +3 - 5 persons	1.6	24	SEC	1800x2700	1500	3150	2500	3000	3100	4300	1500 - 2200		★
					TTC	1800x2700	1500	3150	–	3110	–	4300	1500 - 2200		★

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	3300	–	3150	–	4100	1600	★	
					TTC	2000x2750	2000	3300	–	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	2500x3400	2500	3700	–	4000	–	4200	2100	★	
					TTC	2500x3400	2400	3600	–	4400	–	4200	2100	★	

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

- ★ KONE MonoSpace 500
- ★ KONE MonoSpace 700
- ★ KONE TranSys



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 500	MS 700
								Center	Side	Center	Side				
1000	13		1.6	24	SEC	1100x2100	1000	2150	1750	2400	2500	3800	1200	★	
					TTC	1100x2100	1000	2150	1750	2510	2710	3800	1200	★	
1150	15		1.6	24	SEC	1200x2100	1100	2150	1900	2400	2500	3800 SO /4200 CO	1200	★	
					TTC	1200x2100	1100	2150	1900	2510	2710	3800 SO /4200 CO	1200	★	
1275	17	Bed + 1 person	2.0	24	SEC	1200x2300	1100	2350	2000	2600	2700	4600	1700 - 2500		★
					TTC	1200x2300	1100	2350	2000	2710	2910	4600	1700 - 2500		★
1600	21	Bed + 1 person	2.0	24	SEC	1400x2400	1300	2750	2300	2700	2800	4600	1700 - 2500		★
					TTC	1400x2400	1300	2750	2300	2810	3010	4600	1700 - 2500		★
2000	26	Bed + 3 persons	2.0	24	SEC	1500x2700	1400	2950	2500	3000	3100	4600	1850 - 2500		★
					TTC	1500x2700	1400	2950	–	3110	–	4600	1850 - 2500		★
2500	33	Bed +3 - 5 persons	1.6	24	SEC	1800x2700	1500	3150	2500	3000	3100	4300	1500 - 2200		★
					TTC	1800x2700	1500	3150	–	3110	–	4300	1500 - 2200		★

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



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 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 EcoMod™ and KONE UltraRope™.

KONE employs on average 47,000 dedicated experts to serve you globally and locally.

KONE Corporation
www.kone.com