

Dedicated to People Flow™



VISUAL OPTIONS, CAR AND SHAFT DIMENSIONS FOR

KONE elevators for transit centers

KONE elevators for transit centers

A smooth, safe flow of people and goods is critical to daily operations in any transit center. KONE's eco-efficient elevator solutions for transit centers include heavy-duty passenger elevators designed to transport large volumes of people to and from station platforms, smaller elevators for improving accessibility, and durable service elevators for transporting staff and goods. All KONE solutions are supported by our world-class consultation and planning services that cover every aspect of people flow in transit centers.

Recommended solutions

- **Elevators for heavy traffic environments.** These spacious, high-capacity elevators provide comfortable, efficient transportation for large numbers of passengers, for example to and from metro or railway station platforms. We offer solutions for environments with heavy, constant elevator usage and long operating hours, as well as those with heavy traffic peaks and shorter operating hours.
- **Visually appealing elevators.** For smooth people flow across transit centers, for example in shopping areas and within stations. These highly visible elevators are often also used as architectural features, and when installed in a glass shaft and fitted with glass walls can offer a panoramic view over surrounding areas.
- **Elevators for improved accessibility.** These low-duty elevators provide comfortable transportation for passengers with special needs, such as those using wheelchairs or traveling with strollers.
- **Service elevators.** Designed to enable efficient and reliable movement of transit center staff and goods within and between buildings. Can transport loads of up to 5,000 kg.

Designed for durability – EN81-71 vandal-resistant elevator solution

Our solution for EN81-71 Category 1 is designed for extended durability to protect transit center elevators from vandalism. It incorporates a range of high-strength materials and innovative technologies that help prevent damage to your equipment, including:

- Non-flammable KES 600 and KES 800 car and landing doors panels, frames, and architraves
- Limited-flammability wall and floor materials, and durable stainless steel wall finishes
- Thicker interior wall panels included as part of the elevator car upgrade kit
- Car ceilings designed to withstand a person's weight (up to 150 kg), and ceiling fixings that are impossible to remove in 60 seconds
- Non-trip tear plate floor materials
- KONE KSS 140 vandal-resistant signalization with limited flammability, non-combustible materials and extended water resistance

All our elevator solutions are based on the eco-efficient KONE EcoDisc® hoisting motor, which is designed to cut energy consumption and provide industry-leading ride comfort in all traffic conditions. We offer reliable, space-saving solutions with the machine room-less KONE MonoSpace® and KONE Transys™, as well as compact solutions for a wide variety of applications based on the KONE MiniSpace™.





Why choose KONE?

Functional, reliable, and safe

- Excellent accessibility, with wide-opening doors that enable easy entry and exit. This increases comfort and convenience for people with limited mobility and passengers traveling with baggage or strollers.
- High reliability enabled by the KONE EcoDisc® hoisting motor, with more than 800,000 units operating globally, and KONE's world-class range of flexible preventive maintenance solutions.
- Standards-compliant, with equipment that meets and exceeds all relevant safety and accessibility standards and regulations, including:
 - EN 12015, which regulates the escape of electromagnetic energy from a product to the external environment.
 - EN 12016, which regulates the level of shielding a product must have against electromagnetic disturbances in the surrounding environment.
- Improved security through the ability to integrate elevators with transit center access control systems.
- Convenient, cost effective monitoring with KONE E-Link™, which gives you a complete, real-time overview of equipment status from a single location.

Eco-efficient and cost effective

- KONE's regenerative solutions can provide up to 30% energy savings by recovering the energy generated when the elevator is used.
- As well as being up to 80% more efficient than halogen lighting, LED lighting also lasts up to 10 times longer.
- Standby solutions provide substantial energy savings by powering down the equipment when it is not in use.

Designed to last

- Protect your investment with EN81-71 Category 1 and 2 compliant materials.
- Enjoy the industry's most flexible and versatile design offering, with over 100 materials and accessories, offering millions of possible combinations.

	KONE MonoSpace® 500 KONE MonoSpace® 700	KONE MiniSpace™	KONE TranSys™
Load (persons)	Up to 33	Up to 54	Up to 67
Load (kg)	1000 - 2500	630 - 4000	1600 - 5000
Speed	1.0 - 2.5 m/s	1.0 - 3.0 m/s	0.5 - 1.0 m/s
Travel	24 floors / 60 m	24 floors / 60 m	24 floors / 40 m

KONE passenger elevators

Smooth, safe people flow, excellent reliability, and the best possible passenger experience in all traffic conditions.

- KONE's space-efficient elevators maximize the use of the available shaft space, which means a larger, more comfortable elevator car can be installed. As well as increasing capacity, this also improves accessibility for all passengers.
- The gearless KONE EcoDisc® hoisting motor enables reliable operation and minimizes maintenance costs and downtime.
- KONE's offering includes elevator solutions that are both visually appealing and functional at the same time. As well as offering the best possible passenger experience, our transit center elevators are designed to be accessible for all, well lit, user-friendly, easy to clean, resistant to wear, and durable enough to withstand vandalism.



CEILING
Type: CL88
Finishing: Asturias Satin (F)
stainless steel
Light type: LED spot lights, round

WALLS
Glass (TW1)

FLOOR
Dallas Black (RC6) rubber

CAR OPERATING PANEL
KSS 670
Faceplate finishing:
Asturias Satin (F) stainless steel

HANDRAIL
HR94 Asturias Satin (F)
stainless steel

SKIRTING
Asturias Satin (F) stainless steel



KONE service elevators

Reliable, convenient transportation of staff and goods within and between transit center buildings.

- Accurate leveling makes loading and unloading easy.
- Spacious car designed for transporting large loads.
- Full-width doors allow easy entry and exit, and maximize the available car space.
- Durable hoisting equipment and car interiors designed to cope with the demands of heavy loads and heavy-duty use.



CEILING
Type: CL94
Finishing: Asturias Satin (F)
stainless steel
Light type: T5 fluorescent tubes

WALLS
Scottish Quad (K) textured
stainless steel

FLOOR
Coral Red (RC23) rubber

CAR OPERATING PANEL
KSS 140
Faceplate finishing:
Scottish Quad (K)
textured stainless steel

HANDRAIL
HR94 Asturias Satin (F)
stainless steel

BUFFER RAIL
PR6, stainless steel

SKIRTING
Asturias Satin (F) stainless steel



Visual options

The visual options presented here are available for KONE MonoSpace® 500, KONE MonoSpace® 700 and KONE MiniSpace™ elevators. For KONE TranSys™ materials and accessories please contact a KONE sales agent.

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)
 Lighting: T5 fluorescent tubes
 Note: Not available for KONE MonoSpace® 500



Type: **RL11**, Integrated ceiling
 Finishings: Cloud White (P50)
 Misty Gray (P51)
 Lighting: T5 fluorescent tubes
 Note: Only available for KONE MonoSpace® 500



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

Walls

Brushed stainless steel



A Acid Proof **Cat1**



F/F1 Asturias Satin **Cat1**

Textured stainless steel



K Scottish Quad **Cat2**

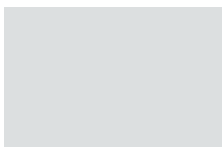


TS1 Flemish Linen **Cat2**



SS4 Aqua Weave **Cat2**

Steel



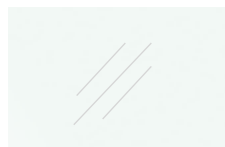
Z Zinc coated, local paint or decoration

Coated steel



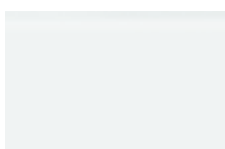
R30 Nordic Gray

Transparent glass



TW1* Glass **Cat2**

Colored glass



GW1 Siberian Glaze



GW4 Manhattan Glaze



GW10 Jaipur Glaze



GW11 Soho Glaze

Floors

Metal plate



AL
Aluminum

Cat1



SS
Stainless steel
Note: Not available for
KONE MonoSpace® 500

Cat2



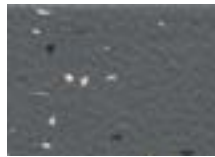
ST
Chequered steel
Note: Not available for
KONE MonoSpace® 500

Cat1

Rubber



RC6
Dallas Black



RC20
Smoke Gray



RC21
Denver Gray



RC22
Shell Gray

Vinyl



RC23
Coral Red



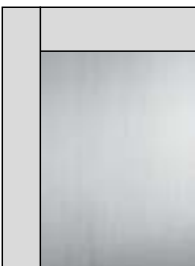
RC24
Dusk Blue



VF25
Flakey Gray

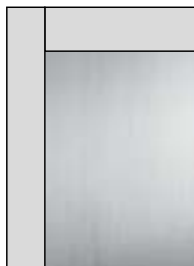
Landing door finishes

Stainless steel



A
Acid Proof

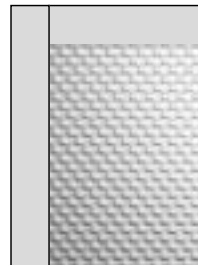
Cat1



F/F1
Asturias Satin

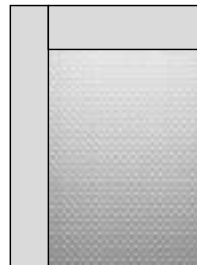
Cat1

Textured stainless steel



K
Scottish Quad

Cat2



TS1
Flemish Linen

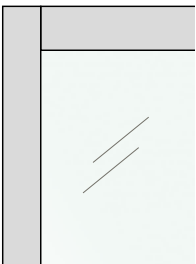
Cat2



SS4
Aqua Weave

Cat2

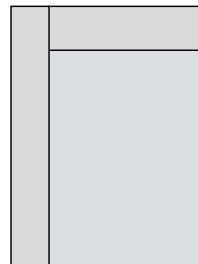
Glass



TW1*
Transparent

Cat2

Steel



Z
Raw surface for local
finishing

Visual options

Handrails



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



HR63
 Flat
 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)



HR81*
 Round, sidewall and floor mounted
 Finishings:
 Brushed stainless steel (F)
 Mirror polished stainless steel (H)
 Golden brushed stainless steel (SS1)



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

*** Note**
 Also available as continuous handrail

Buffer rails



BR1 Cat2
 Flemish Linen (TS)

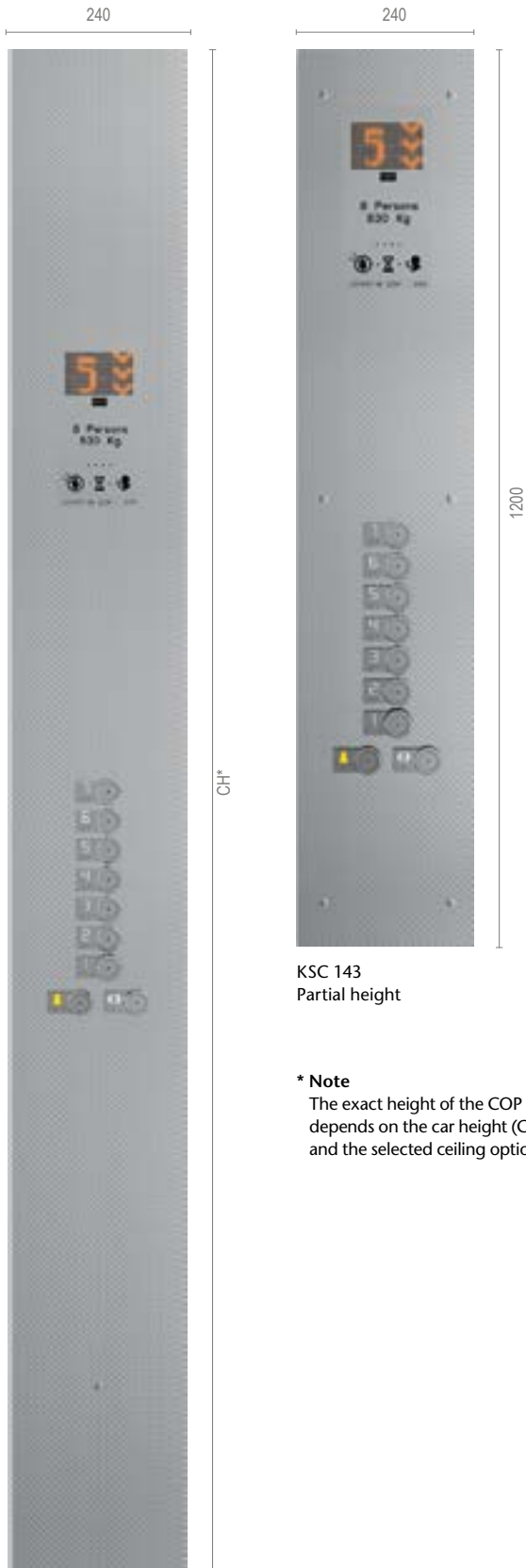


PR6 Cat2
 Brushed stainless steel

Signalization for transit elevators

KSS 140 Cat2

Flush mounted, vandal resistant signalization



KSC 143
Full height

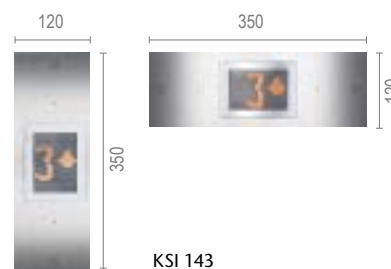
*** Note**
The exact height of the COP depends on the car height (CH) and the selected ceiling option

Car operating panel (COP)

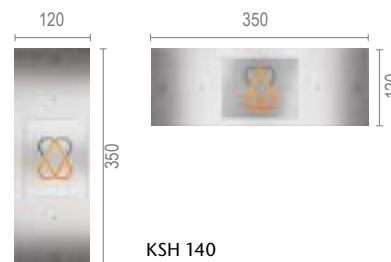
Faceplate finishings:
Scottish Quad (K) stainless steel or
Asturias Satin (F) stainless steel

Display: Scrolling dot matrix

Landing devices



KSI 143



KSH 140



KSL 140



KSC 143
Full height

Car and shaft dimensions

Compliant with EN81-20 code

KONE MonoSpace® 500

SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Speed m/s	Max stops m/s	Car type	Car size BBxDD mm	Door width LL mm	Car interior height CH mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm
								Centre	Side	Centre	Side		
								Door type ^{a)}		Door type ^{a)}		*)	*)
								Centre	Side	Centre	Side		
1000	13	1.0/ 1.6	24	SEC	1600 x 1400	1100	2300	2340	–	1700	–	3800	1.0 m/s 1050
				TTC	1100 x 2050	900	2300	1940	1600	2510	2710		1.6 m/s 1200
1150	15	1.0/ 1.6	24	SEC	1200 x 2100	1100	2300	2340	1900	2400	2500	3800	1.0 m/s 1050 1.6 m/s 1200
1150	15	1.0/ 1.6	24	SEC	1400 x 1850	1100	2300	2340	1900	2150	2250	3800	1.0 m/s 1050 1.6 m/s 1200

Dimensions are according to CH 2300, for other dimensions, please contact your KONE sales representative.

KONE MonoSpace® 700

SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Car width BB mm	Car depth DD mm	Shaft width WW mm	Shaft depth WD mm	Door width LL mm	SO/CO	SEC/TTC	PH (Min.)		SH (Min.)	
									1 m/s	1.6 m/s	1 m/s	1.6 m/s
1275	17	2000	1400	2700	1950	1100	CO	SEC	1250	1400	CH + 1400	CH + 1800
1275	17	1200	2300	2350	2600	1100	SO	TTC	1250	1400	CH + 1400	CH + 1800
1350	18	2000	1500	2700	1950	1100	CO	SEC	1300	1400	CH + 1850	CH + 2000
1350	18	1400	2200	2350	2500	1100	SO	TTC	1300	1400	CH + 1850	CH + 2000
1600	21	2100	1600	2800	1950	1200	CO	SEC	1300	1400	CH + 1850	CH + 2000
1600	21	1400	2400	2350	2700	1200	SO	TTC	1300	1400	CH + 1850	CH + 2000
2000	26	2200	1800	2900	2300	1500	CO	SEC	1400	1500	CH + 1850	CH + 2000
2000	26	1600	2400	2300	3100	1200	SO	TTC	1400	1500	CH + 1850	CH + 2000
2500	33	2300	2100	3000	2550	1500	CO	SEC	1425	1500	CH + 1850	CH + 2000
2500	33	2000	2400	2700	3100	1200	SO	TTC	1425	1500	CH + 1850	CH + 2000

Dimensions are according to CH 2100, for other dimensions, please contact your KONE sales representative.

KONE MiniSpace™

SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Speed m/s	Max stops	Car type	Car size BB x DD mm	Door width LL mm	Car interior height CH mm	Shaft width WW mm		Shaft depth WD mm		Overhead SH mm	Pit depth PH mm
								Centre	Side	Centre	Side		
								Door type		Door type		*)	*)
								Centre	Side	Centre	Side		
2000	26	1.0 / 1.6 / 1.75 / 2.0 / 2.5 / 3.0	24	SEC	2350 x 1700	1300	2300	3220	3220	2600	2700	5200	3850
				TTC	–	–	–	–	–	–	–	–	–
2500	33	1.0 / 1.6 / 1.75 / 2.0 / 2.5 / 3.0	24	SEC	2700 x 1800	1300	2300	4100	4400	2700	2800	5600	4550
				TTC	–	–	–	–	–	–	–	–	–
3000	40	1.0 / 1.6 / 1.75 / 2.0 / 2.5 / 3.0	24	SEC	3000 x 1800	1500	2300	4400	4600	2700	2700	5600	4800
				TTC	–	–	–	–	–	–	–	–	–
3500	46	1.0 / 1.6 / 1.75 / 2.0 / 2.5 / 3.0	24	SEC	3000 x 2100	1500	2300	4400	4400	2900	3000	5800	4800
				TTC	–	–	–	–	–	–	–	–	–
4000	53	1.0 / 1.6 / 1.75 / 2.0 / 2.5 / 3.0	24	SEC	3200 x 2100	1500	–	4600	2900	4600	3000	5800	4800
				TTC	–	–	–	–	–	–	–	–	–

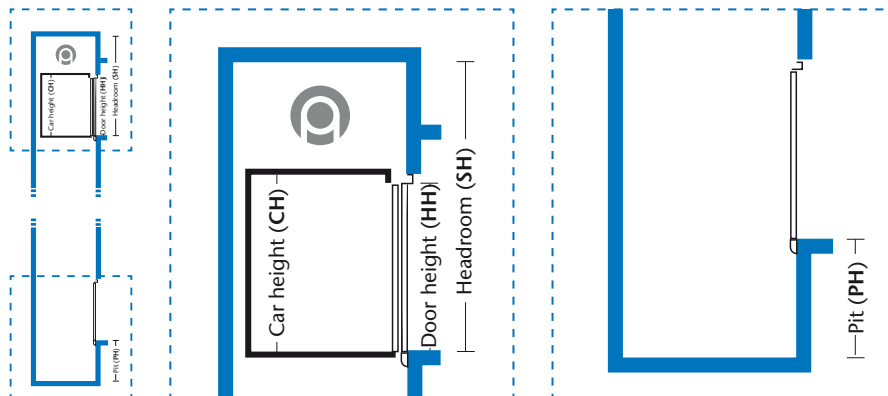
Dimensions are according to CH 2300, for other dimensions, please contact your KONE sales representative.

KONE TranSys™

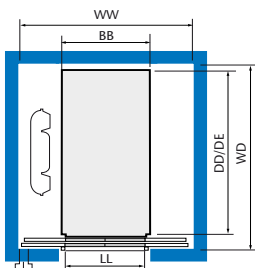
SEC = Single entrance car
TTC = Through type car

Load kg	Persons	Car width BB mm	Car depth DD mm	Shaft width WW mm	Shaft depth WD mm	Door width LL mm	SO/CO	SEC/TTC	PH (Min.)		SH (Min.)
									0.5 m/s	1.0 m/s	0.5 and 1.0 m/s
1600	21	2000	1700	3150	2100	1500	CO	SEC	1250	1250	CH + 1700
1600	21	1400	2400	2700	2800	1400	SO	TTC	1250	1250	CH + 1700
2000	26	1800	2100	2850	2500	1800	CO	SEC	1250	1250	CH + 1700
2000	26	1400	2700	2700	3100	1400	SO	TTC	1250	1250	CH + 1700
2500	33	1800	2700	3050	3100	1800	CO	SEC	1600	1600	4100
2500	33	1800	2600	3000	3250	1400	SO	TTC	1600	1600	4100
3000	40	2000	2700	3200	3200	1900	CO	SEC	1600	1600	4100
4000	53	2100	3700	3300	3900	2000	CO	SEC	1750	1750	4100
5000	67	2500	3500	3700	4000	2500	CO	SEC	2100	2100	4200

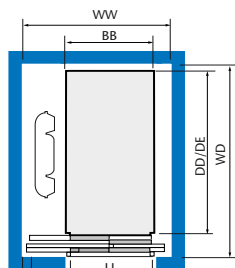
Dimensions are according to CH 2100, for other dimensions, please contact your KONE sales representative.



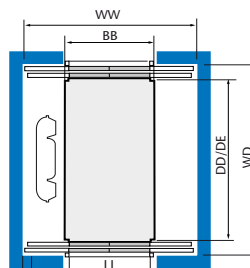
1275 kg / 17 persons
Single entrance / center opening



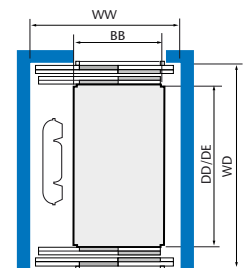
1275 kg / 17 persons
Single entrance / side opening



1275 kg / 17 persons
Through type / center opening



1275 kg / 17 persons
Through type / side opening







- ↖ Olympic Park
- ↖ ExCel
- ↖ North Greenwich Arena
- ↖ Home Ground
- ↖ Forest Park
- ↖ Land's End
- ↖ Wembley

Jubilee line **CANARY WHARF STATION** Jubilee line



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