

# GOING UP IN SPACE

KONE TranSys™ Passenger



# BIG ON SPACE AND BIG ON EFFICIENCY

High-volume people flow requires vertical transportation equipment that can cope with the demands of moving large numbers of people for long periods of time. In buildings like airports and shopping centres – where people are often travelling in large groups – you need a solution that gets them to their destinations safely, smoothly and efficiently. In environments like hospitals, having the extra space to comfortably transport bulky medical equipment or patients in beds is hugely beneficial.

KONE TranSys™ Passenger is a spacious and energy-efficient passenger lift that delivers optimal performance in exactly these types of environments. The solution is based on our proven and highly successful KONE TranSys platform and powered by our eco-efficient KONE EcoDisc® hoisting machine.



# GET MORE WITH LESS

Unpredictable energy prices, cost pressures and environmental concerns are driving the continuous development of vertical transportation technologies that can deliver world-class performance with the lowest possible power consumption.

We've been at the forefront of eco-efficient lift technology for more than two decades thanks to our KONE MonoSpace® lift and KONE EcoDisc® hoisting machine. The KONE TranSys Passenger takes advantage of both these technologies to deliver exceptional power and performance while minimising energy consumption and maximising space efficiency.

It is an ideal solution for environments such as airports, metro stations, railway stations, shopping centres and medical facilities, where the same lifts are often used to transport goods and people.

## EASY AND SAFE ACCESS FOR EVERYONE

Multi-panel doors with up to six separate panels provide the widest possible entrance space, ensuring that large numbers of people can enter and exit the lift quickly and safely, even when travelling with luggage or pushing prams or grocery carts. The KONE TranSys Passenger features the latest in door

safety technology, including fire-rated materials, a curtain of light and optional 3D passenger detection.

## EXCEPTIONAL SPACE EFFICIENCY

The compact design of the KONE EcoDisc hoisting machine and multi-panel door solution mean there is more space available in the shaft for a bigger lift car.

## ECO-EFFICIENT AND COST EFFECTIVE

The combination of the KONE EcoDisc hoisting motor and highly efficient drive system delivers excellent energy efficiency.










A KONE regenerative drive can enable energy savings of up to 30% by recycling the energy generated by a moving lift for use elsewhere in the building.

LED and eco-efficient fluorescent lighting can reduce energy consumption by up to 80% compared to halogen lighting.

Advanced standby solutions cut energy consumption even further by powering down certain functions when the lift is idle.

Our volume lifts have been certified with an A-class energy efficiency rating according to the ISO 25745-2 global standard, which classifies lifts from A to G according to their energy efficiency, where A is the most energy efficient and G the least energy efficient.



KEY SPECIFICATIONS		
 Load capacity (kg)	 Speed (m/s)	 Max. travel (m)
1,600–2,500	0.5–1.0	40
 No. of floors	 People	 Group size
12, also applicable for TTC	21–33	Max. 4
 Hoisting machine	 Doors	 Car door height (mm)
Gearless KONE EcoDisc	Automatic door opening	Up to 2,400

Code compliance: EU Directive 2014/33/EU, EN81-20/50. Optional: EN81-73, EN81-21, EN81-70, EN81-71.



# SIGNALISATION OPTIONS

KSS 280  
Surface-mounted signalisation

Car operating panel (COP)



KSC 286  
Partial height

KSC 276  
Full height

**Faceplate finishings:**  
Black polycarbonate and deep-formed brushed stainless steel, vertical hairline

**Displays:**  
Segmented LCD

Landing devices



KSH 280



KSI 286



KSL 280



KSL 284

KSS 670  
Flush-mounted signalisation

Car operating panel (COP)



KSC 673/675  
Full height

Square buttons  
also available

**Faceplate finishings:**  
Asturias Satin (F)  
Murano Mirror (H)  
Golden Mirror (HTIN)

**Displays:**  
KSC 673: Scrolling dot matrix  
KSC 675: Black and white LCD

Landing devices



KSH 670



KSI 673/675



KSA 673



KSL 670

KSS D60  
Flush-mounted signalisation

Car operating panel (COP)



KSC D63  
Full height

**Faceplate finishing:**  
Brushed stainless steel

**Display:**  
KSC D63: Scrolling dot matrix

Landing devices



KSI D42



KSI D43



KSL D20



KSL D40



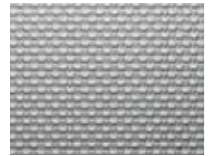
reddot design award  
winner 2012

The signalisation options shown here are examples. Please contact your local KONE representative to discuss your requirements.

# VISUAL OPTIONS

## WALL MATERIALS

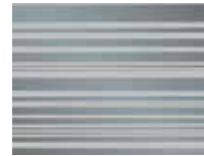
### Textured steel



**TS1**  
Flemish Linen



**SS4**  
Aqua Weave

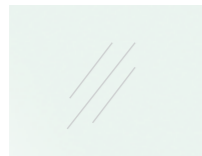


**ES2**  
Silver Bamboo

### Brushed steel

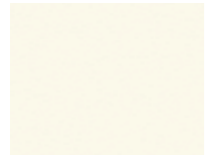


**F**  
Asturias Satin



**TW1**  
Glass

### Painted steel



**P50**  
Cloud White



**P51**  
Misty Gray



**P52**  
Sunny Yellow



**P53**  
Dawn Red

### Laminate



**L202**  
Hazel Oak



**L203**  
Almond Oak



**L226**  
Misty Gray



**L206**  
Mandarin Orange

## CEILINGINGS



Type: **CL95**

Frame finish: Asturias Satin (F)  
Center panels: Cloud White (P50)  
Lighting: T5 fluorescent tubes

Recommended for medical facilities because of indirect lighting.



Type: **CL88**

Finish: Asturias Satin (F)  
Cloud White (P50)  
Lighting: LED spot

Also available as fire-fighter ceiling in accordance with EN81-72.



Type: **CL94/CL94V\***

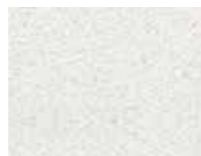
Finish: Asturias Satin (F)  
Cloud White (P50)  
Lighting: T5 fluorescent tubes

Also available as vandal-resistant ceiling in accordance with EN81-71 category 1.

\* Asturias Satin is the only finish available for CL94V

## FLOOR MATERIALS

### Stone



**SF30**  
Chalk White



**SF32**  
Diorite Black



**VF20**  
Ash Gray

### Rubber



**RC20**  
Smoke Gray



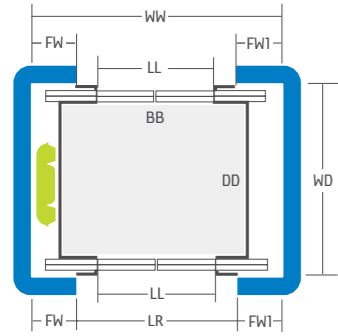
**RC22**  
Shell Gray



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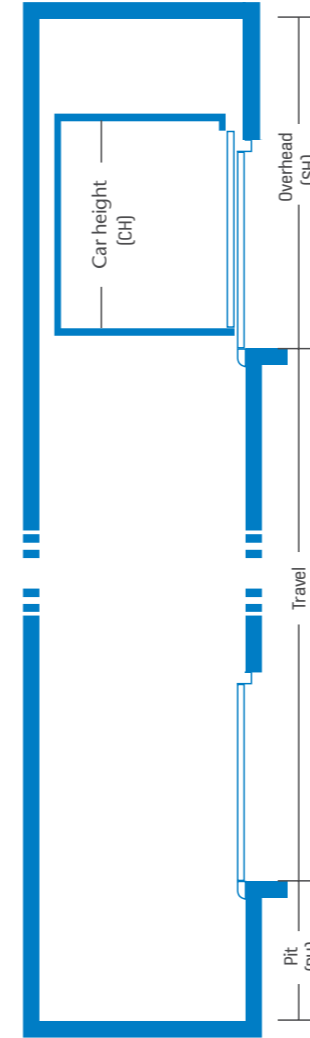
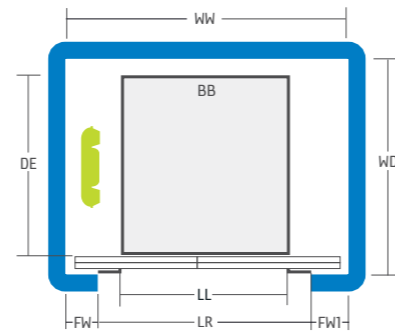
# PLANNING DATA

## CAR WITH FRONT WALL, DOOR LL = BB\*



\* FW is machine side, FW1 is car single side

## CAR WITHOUT FRONT WALL, DOOR LL = BB\*



SHAFT DIMENSIONS: 2-PANEL SIDE-OPENING DOOR, SINGLE AND DOUBLE ENTRANCE

RATED LOAD (KG)	RATED SPEED (M/S)	CAR WIDTH BB (MM)	CAR DEPTH DD (MM)	DOOR LL (MM)	SHAFT WIDTH WW MIN (MM)	SHAFT DEPTH WD MIN SEC (MM)	SHAFT DEPTH WD MIN TTC (MM)	PH MIN (MM)	PH MIN OPTIONAL (MM)	PH MIN WITH CWT SG (MM)	SH MIN EN81-20 (MM)	SH MIN OPTIONAL (MM)	SH MIN EN81-1 (MM)
1600	0.5 / 1.0	1400	2400	1300	2310	2820	3020	1250	975 *	1750	3800	3650 *	3700
2000	0.5 / 1.0	1500	2700	1300	2320	3120	3320	1250	1050 *	1750	3800	3650 *	3700
2500	0.5 / 1.0	1800	2700	1300	2590	3120	3320	1600	1300	2150	4100	3810	4100
2500	0.5 / 1.0	1800	2700	1400	2590	3120	3320	1600	1300	2150	4100	3810	4100

SHAFT DIMENSIONS: 2-PANEL CENTER-OPENING DOOR, SINGLE AND DOUBLE ENTRANCE

RATED LOAD (KG)	RATED SPEED (M/S)	CAR WIDTH BB (MM)	CAR DEPTH DD (MM)	DOOR LL (MM)	SHAFT WIDTH WW MIN (MM)	SHAFT DEPTH WD MIN SEC (MM)	SHAFT DEPTH WD MIN TTC (MM)	PH MIN (MM)	PH MIN WITH CWT SG (MM)	SH MIN EN81-20 (MM)	SH MIN EN81-1 (MM)
1600	0.5 / 1.0	1400	2300	1300	2260	2760	3000	1250	1750	3800	3700
2000	0.5 / 1.0	1500	2700	1300	2320	3160	-	1250	1750	3800	3700
2000	0.5 / 1.0	1500	2600	1300	2320	3060	3300	1250	1750	3800	3700

- Q = Rated load of lift
- 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; max. HH = CH
- HR = Door raw opening height
- LL = Door clear opening width
- LR = Door raw opening width
- LW = Right front door cover (incl. 30 mm tolerance)
- LW1 = Left front door cover (incl. 30 mm tolerance)
- WW = Shaft width
- WD = Shaft depth
- \* EN81-21

SH values apply to ceiling LF1/LF1V; SH values can be higher for other ceiling types. Please contact your local KONE representative for more information.



KONE provides innovative and eco-efficient solutions for lifts, 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 managing the smooth flow of people and goods throughout buildings.

This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible and we have a well-deserved reputation as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®.

KONE employs over 57,000 dedicated experts to serve you globally and locally.

## KONE PLC

### Head office

KONE Plc  
Global House,  
Station Place, Fox Lane North  
Chertsey, Surrey,  
KT16 9HW

Tel. +44 (0) 8451 999 999

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

## KONE IRELAND

### Head office

KONE Ireland Limited  
G7 Calmount Business Park  
Calmount Avenue  
Ballymount  
Dublin D12 NP64

Dublin office: +353 (0) 1429 6200  
Belfast office: +44 (0) 2890 735900

[www.kone.ie](http://www.kone.ie)