

The background image shows a woman in a light-colored, short-sleeved dress and bright orange tights walking towards the right. She is holding the hand of a young girl in a white long-sleeved shirt and blue jeans. To the right, another child in a plaid shirt and jeans is walking away. In the center, a KONE lift with a dark wood-grain finish is open. The lobby has a checkered tile floor and a staircase with black and white steps is visible on the right. A small sign with a white arrow is mounted on the wall above the lift.

VERSATILE LIFT FOR LOW & MID-RISE BUILDINGS

KONE MonoSpace® 500

YOUR TRUSTED LIFT PARTNER

With over 100 years of experience in the lift and escalator business, KONE is your trusted partner dedicated to ensuring smooth People Flow® in your building. We revolutionised the industry in 1996 with the world's first machine room-less lift – the KONE MonoSpace® – and the energy-efficient KONE EcoDisc® hoisting machine. Our proven track record, including half a million KONE EcoDisc installations worldwide, speaks for itself.

We have listened to our customers and carefully analysed each and every part of our industry-leading lift solution, renewing it from top to bottom. Everything we did best, we've made even better.

A STRONG TRACK RECORD

- 9 out of 10 KONE customers recommend us as a partner
- More than 100 years of experience in the lift industry
- Over 800,000 KONE EcoDisc installations worldwide
- Over one million lifts and escalators in service
- 55,000 dedicated experts worldwide

3 REASONS TO CHOOSE KONE

1 EXCELLENT ECO-EFFICIENCY THAT CUTS THE CARBON FOOTPRINT OF YOUR BUILDING

- Constant improvement of lift energy efficiency with the KONE EcoDisc, centralised hoisting and advanced standby solutions.
- A-class energy classification

2 SMOOTH RIDE-COMFORT FOR THE BEST POSSIBLE PASSENGER EXPERIENCE

Quality guaranteed through ride-comfort testing of all lifts before handover – a service unique to KONE

Quiet and smooth operation and accurate levelling enabled by:

- The renewed KONE EcoDisc hoisting machine, brakes and centralised hoisting
- An improved car structure and sound-isolated guide shoes

3 AWARD-WINNING DESIGN THAT HELPS YOUR BUILDING STAND OUT

Easy selection of car interiors from a collection of functional and visually appealing designs created by KONE's award-winning design professionals

The industry's most flexible and versatile offering, with over 100 materials and accessories, offering millions of possible combinations

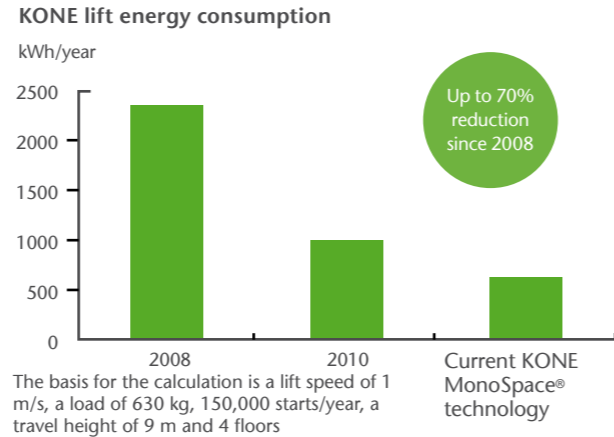
The most innovative materials and lighting solutions

EXCELLENT ECO-EFFICIENCY

THAT CUTS YOUR BUILDING'S CARBON FOOTPRINT

At KONE we have always been renowned for our revolutionary eco-efficient technology. KONE has constantly improved the energy efficiency of its lifts – up to 70% since 2008.

- 1 More efficient hoisting machinery**
The KONE EcoDisc® hoisting motor and highly efficient drive system delivers even better energy efficiency, helping to reduce both operating costs and your building's carbon footprint.
- 2 Eco-efficient regenerative drive**
Our latest regenerative drive recycles energy for immediate reuse within the building and cuts consumption by up to 20%.
- 3 Long-lasting LED lighting**
LED lighting lasts up to 10 times longer and is up to 80% more efficient than halogen lighting
- 4 More advanced standby solutions**
Upgraded standby solutions power down the equipment when it is not in use, providing substantial energy savings.



- Our reference lifts were the first in the industry to receive an A-class energy rating according to the VDI 4707 guideline.
- KONE was the first company to announce the A-class energy efficiency certification according to ISO 25745-2 for its customer reference cases.
- Installing eco-efficient KONE lift solutions can help achieve LEED or BREEAM green building accreditations.

SMOOTH RIDE COMFORT

FOR THE BEST POSSIBLE PASSENGER EXPERIENCE

Every aspect of the upgraded KONE MonoSpace® is designed to add real value to your building and maximise comfort, safety and convenience for passengers. The renewed KONE EcoDisc® hoisting machine is complemented by a wide range of other upgrades that are designed to deliver industry-leading ride comfort year after year.



ALL LIFTS TESTED FOR RIDE COMFORT – A SERVICE UNIQUE TO KONE

- KONE provides a comprehensive ride comfort testing service as standard for all its lift installations.
- Your lift will not be handed over for use before it passes this test, which measures noise and vibration levels inside the car.
- This thorough quality and reliability testing prior to handover further reduces the need for unplanned maintenance callouts.

CLOUD CONNECTED PEOPLE FLOW® SOLUTIONS

KONE 24/7 CONNECTED SERVICES

KONE 24/7 Connected Services* is a round-the-clock diagnostics service that gathers data on your equipment's condition. We analyse this data and use it to make intelligent and proactive decisions on how to solve any potential problems – even before they occur. Plus if something happens, we know about it right away to decide on the right action.



SIMPLER HOMECOMINGS WITH KONE RESIDENTIAL FLOW

KONE Residential Flow* brings new levels of convenience for homeowners, tenants and property managers by connecting intercom systems, building doors, lifts and information channels via an easy-to-use smartphone application.



Easy Access

Travel all the way to your front door without touching a single button



VIP Visitors

Greet and grant access to visitors, wherever you are.



Instant Information

Never miss an important announcement on your smartphone and InfoScreens.

Please contact your local representative for availability of these services in your area.

WORLD-CLASS DESIGN TOOLS

Take advantage of our easy-to-use tools for planning your lifts and designing a car that will fit your building's look and feel perfectly.

KONE Elevator Toolbox – now including BIM models

- With the KONE Elevator Toolbox you can create a detailed lift specification online and create customised CAD drawings for preliminary planning.
- KONE Building Information Modeling (BIM) models make it easier and quicker for architects to prepare digital lift designs. Included in the elevator toolbox, these models are compatible with the most common project documentation systems and include the latest KONE lift specifications. Once your lift design is ready, you can send the specifications direct to a KONE sales representative ready for tendering or ordering.

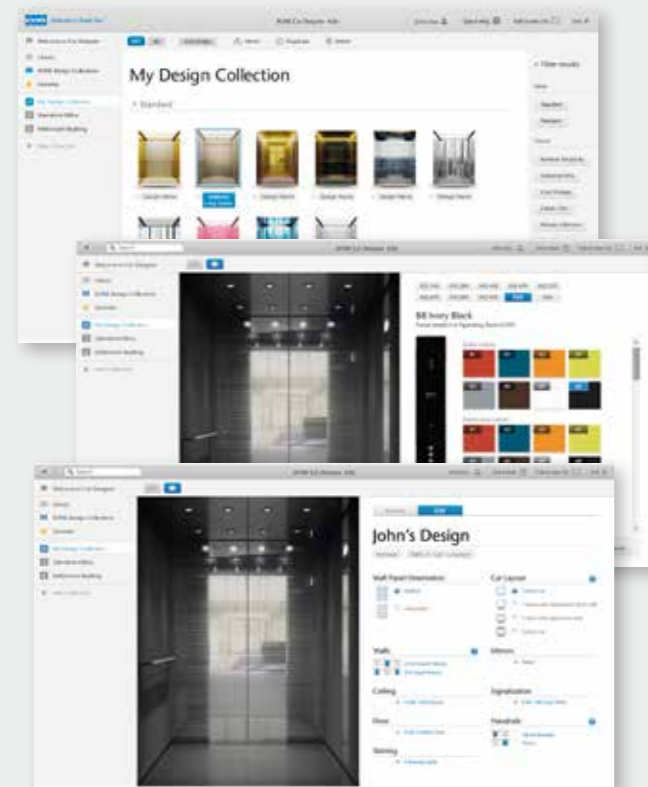


toolbox.kone.com/en_GB

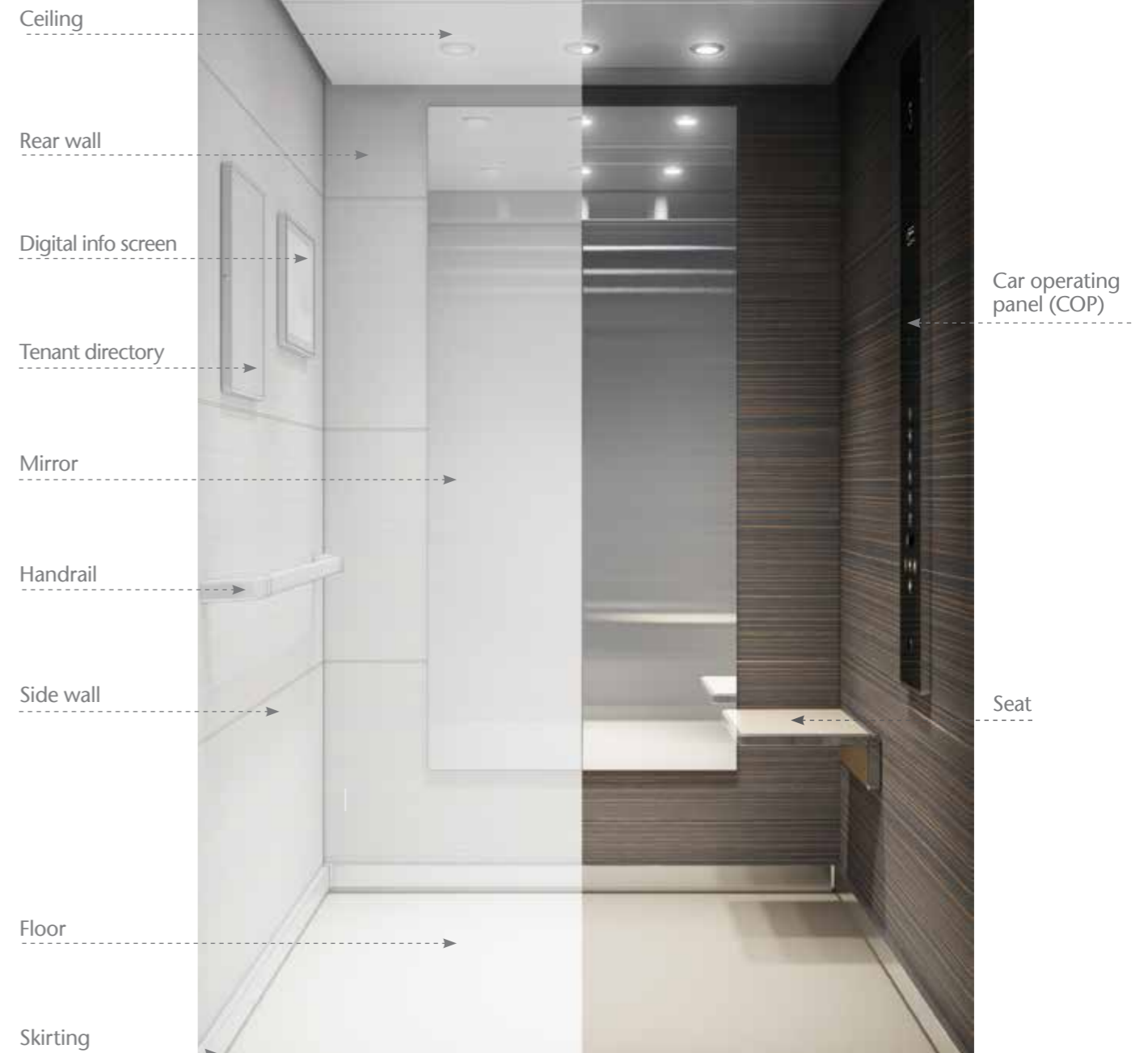
KONE Car Designer – including new designs, materials and accessories

- Create your own virtual lift interior design online or together with a KONE sales representative with the KONE Car Designer.
- Choose a theme from the KONE Design Collection, or mix and match your choice of materials, lighting and accessories to create a totally new look.
- Save your design as a printable PDF and send a link to a colleague or to a KONE sales representative.

cardesigner.kone.co.uk



SELECTABLE CAR ELEMENTS



reddot design award
honourable mention 2012

KONE's new, award-winning horizontal wall panel design is visually appealing and creates a spacious feeling inside the lift car.

Wall panel configuration

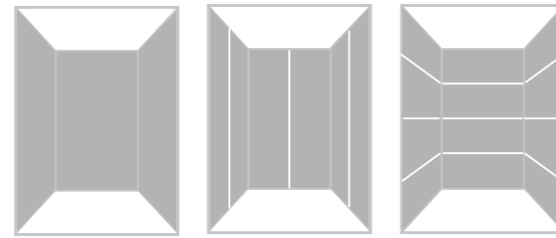
All materials are available with vertical 2-panel per wall and horizontal 4-panel per wall designs for KONE MonoSpace® 500, KONE MonoSpace® 700 and KONE MiniSpace™.

Material scaling & variability

- Patterned images not to scale. Consult your sales representative for Car Designer Tool and samples.
- Real wood laminates are made of natural materials so variation will occur.

Premium materials

- Premium materials are designated by P



Vertical 1-panel per wall Vertical 2-panels per wall Horizontal 4-panels per wall

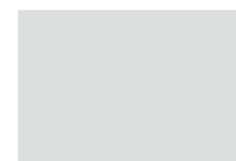
Key			
Blue	Price Group A	Dark Grey	Price Group E
Green	Price Group B	Black	Price Group F
Light Blue	Price Group C	Pink	Price Group G
Orange	Price Group D	Light Grey	Price Group H

Painted steel



P50 Cloud White P51 Misty Gray P52 Sunny Yellow P53 Dawn Red P54 Sky Blue

Steel



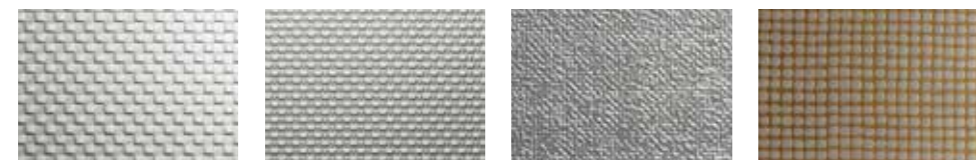
Z Zinc coated, local paint or decoration

Brushed stainless steel



F Asturias Satin (Ferritic) F1 Asturias Satin (Austenitic) SS1 Shangri-La Gold

Textured stainless steel



K Scottish Quad TS1 Flemish Linen SS4 Aqua Weave SS6 Sunlit Twill

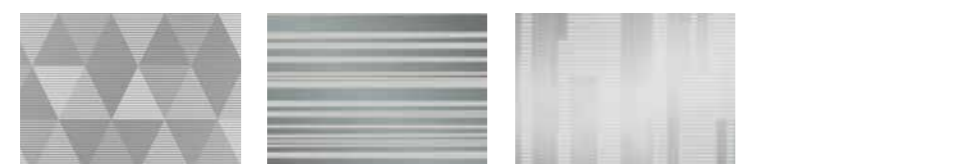
Mirror polished stainless steel



H Murano Mirror SS2 Vegas Gold SS3 Paris Black A (AISI316) Acid proof

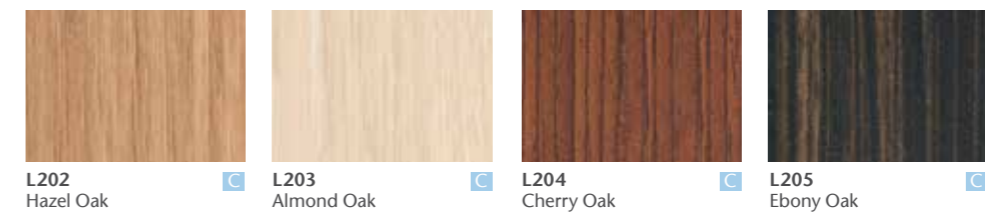
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Etched stainless steel

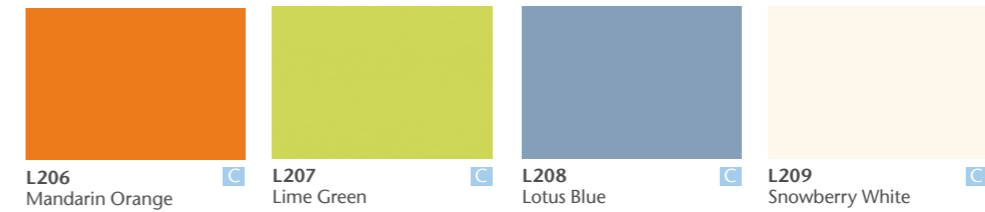


ES1 Silver Diamond ES2 Silver Bamboo ES3 Silver High-rise

Laminate



L202 Hazel Oak L203 Almond Oak L204 Cherry Oak L205 Ebony Oak

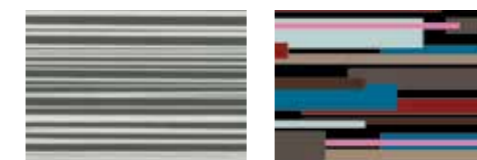


L206 Mandarin Orange L207 Lime Green L208 Lotus Blue L209 Snowberry White



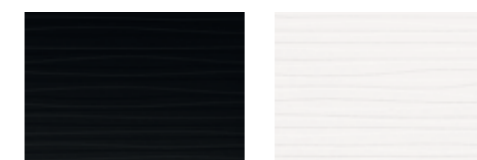
L226 Misty Gray

Printed laminate



L210 Graphic Bamboo L212 Color Cool

3D laminate



L215 Aqua Black L216 Windwall White

Real wood laminate



L219 Oak L220 Walnut L221 Wenge L222 Black Oak

Metallic laminate



L200 Oriental Gold L201 Oriental Bronze

Due to the special characteristics of this material, the appearance of brush marks may vary between wall panels. Alignment of these markings cannot be guaranteed.

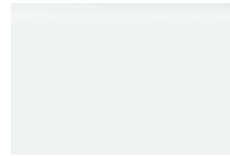
Transparent glass



TW1 Glass P H

For KONE MonoSpace® 500, glass is available for the rear wall only and is one piece. For certain ranges of KONE MonoSpace® 700, glass side walls are also available. Please consult your KONE sales representative for details.

Coloured glass



GW1 Siberian Glaze P H



GW11 Soho Glaze P H

Patterned glass



G5* Silver Flow P H



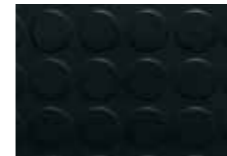
G7 Silver Chain P H



G11 Classic Bamboo P H

Note
* These patterns on the glass are mirrors.

Rubber



RC6 Dallas Black A



RC20 Smoke Gray A



RC21 Denver Gray A



RC22 Shell Gray A



RC24 Dusk Blue A

Vinyl



VF20 Ash Gray B



VF22 Carbon Gray B



VF23 Steel Gray B



VF25 Flakey Gray B

Metal plate



AL Aluminum P C

Stone



SF30 Chalk White C

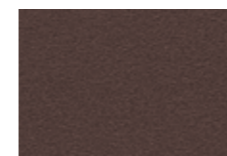


SF31 Grainy Sand C



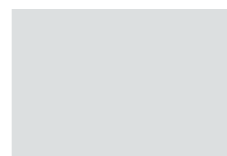
SF32 Diorite Black C

Ceramic Slab



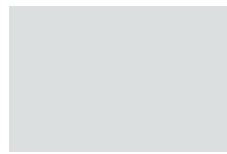
SF33 Brass Brown C

Local floor



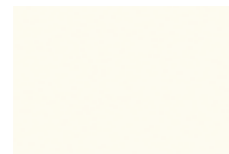
Z Zinc Coated Steel
Raw surface for local finish

Steel



Z Zinc Coated Steel A
Raw surface for local finish

Painted steel



P50
Cloud White A



P51
Misty Gray A

Textured stainless steel



K
Scottish Quad C



TS1
Flemish Linen C



SS4
Aqua Weave C

Brushed stainless steel



F
Asturias Satin (Ferritic) B



F1
Asturias Satin (Austenitic) P C



SS1
Shangri-La Gold P D

Wet polished stainless steel



A (AISI316)
Acid proof P D
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Mirror polished stainless steel



H
Murano Mirror D



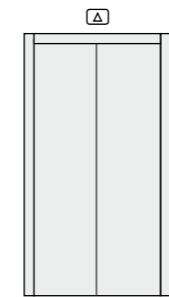
SS2
Vegas Gold P F



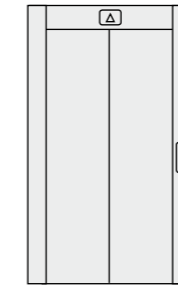
SS3
Paris Black P F

Landing door types

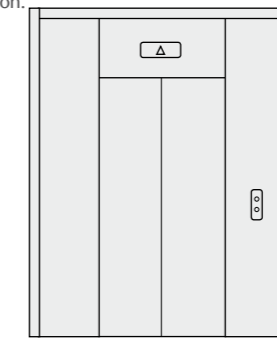
Note:
Finishing availability varies according to door type.
Consult your sales representative for more information.



Narrow frame



Frame



Front

Maintenance Access Panel



MAP integrated into door frame



Wall-mounted MAP

- Maintenance and rescue operations are integrated in a small cabinet
- Integrated at topmost landing door or one floor below

Steel



Z Zinc Coated Steel A
Raw surface for local finish

Stainless steel



F
Asturias Satin (Ferritic) B



H
Murano Mirror P D



SS1
Shangri-La Gold P D

Textured stainless steel



K
Scottish Quad C



TS1
Flemish Linen C



SS4
Aqua Weave C

Wet polished stainless steel



A (AISI316)
Acid proof P D
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Painted steel



P50
Cloud White B



P51
Misty Gray E



P55
Thunder Gray
Landing door only E



P
Painted steel E

Etched stainless steel



ES2
Silver Bamboo P E

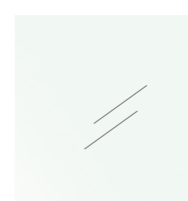


ES3
Silver High-rise P E



ES5
Brushed Bamboo P E

Glass



TW1
Transparent H

Patterned transparent glass



G14
White Bamboo P H

KSS 280
Surface/Flush mounted signalisation

Car operating panel (COP)
Faceplate finishings: Black polycarbonate and deep formed brushed stainless steel, vertical hairline
Displays: Segmented LCD

Landing devices

KSH 280 (143x112)
 KSI 286 (237x112)
 KSJ 280** (24x115)
 KSL 280 (58x180)
 KSL 284 (58x290)

KSC 286 Partial height, Surface mounted
 KSC 276 Full height, Flush mounted

**Lantern in car

KSS 670
Flush mounted signalisation

Car operating panel (COP)
Faceplate finishings: Asturias Satin (F) Murano Mirror (H) Golden Mirror (HTIN) P
Displays: KSC 673: Scrolling dot matrix KSC 675: Black and white LCD

Landing devices

KSH 660 (120x350)
 KSH 670 (120x350)
 KSI 673/675 (150x410)
 KSA 673 (150x410)
 KSL 670 (95x305)
 EN81-70 compliant Landing call station (95x305)

KSC 673/675 Full height

KSS 140
Flush mounted, vandal resistant signalisation

Available with vertical panelling only
EN 81-71 Cat 1 compliant

Car operating panel (COP)
Faceplate finishings: Scottish Quad (K) stainless steel or Asturias Satin (F) stainless steel
Displays: Scrolling dot matrix

KSC 143 Partial height
 KSI 143 (350x120)
 KSH 140 (350x120)
 KSL 140 (95x305)
 EN81-70 compliant Landing call station (95x305)

Landing devices

KSI 673/675 (150x410)
 KSA 673 (150x410)

KSC 143 Full height

KSS 970
Flush mounted signalisation

Car operating panel (COP)
Faceplate finishings: Asturias Satin (F) Murano Mirror (H) Golden Mirror (HTIN) P
Displays: KSC 977: LCD Display

Landing devices

KSI 977 (150x410)
 KSL 977 (220x160)
 KSL 670 (95x305)
 EN81-70 compliant Landing call station (95x305)

KSC 977 Full height

KSC 143 Vandal-resistant signalisation (EN81-71 Cat. 1 compliant)
 * Note The exact height of the COP depends on the car height (CH) and the selected ceiling option.



KONE DESIGN SIGNALISATION

Faceplate alternatives for KSS D Series signalisation (KSC D20, KSC D50 and KSC D60) series

The D series signalisation is available in these KONE Design signalisation alternatives, in stainless steel and with unique designs. These are KONE Design signalisation examples of KSC D20 Partial height Car operating panel (COP)

Partial height Car operating panel (COP)
Width 200 mm, height 1300 mm



Solid colours



Patterned colours



KONE KSS D SERIES SIGNALISATION

KSC D20 series

Partial height
Car operating panel
(COP)



▲ Width 200 mm,
Height 1300 mm
KSC D23,
Brushed stainless
steel

KSC D50 and D60 series

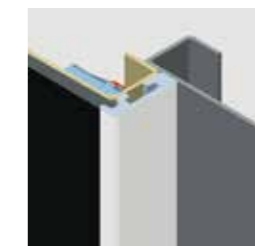
Full height
Car operating panel
(COP)



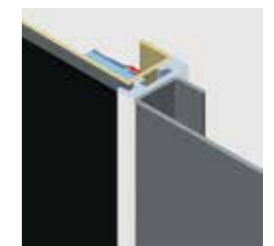
◀ Width 225 mm,
Height depends on car height (CH)
and selected ceiling option
KSC D53 Surface mounted
and KSC D63 Flush mounted,
Brushed stainless steel

UNIQUE DESIGNS

Available for partial and full height Car operating panel (COP)



KSC D53



KSC D63

Landing devices for KSS D series signalisation Unique/ Numbers and Blocks

Hall lantern indicators



Hall lantern



Indicator faceplate material is always polycarbonate. The landing call stations are also available in stainless steel.



EN81-70 compliant landing device available for all the colour options

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

KSS 800

Surface mounted signalisation

for KONE Destination Control System (DCS)



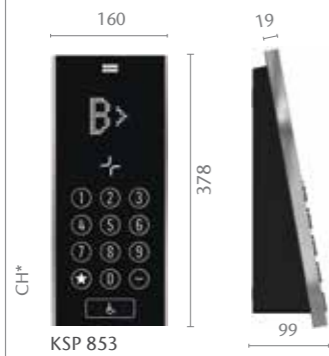
Car operating panel (COP)

Faceplate finishings:
Black polycarbonate

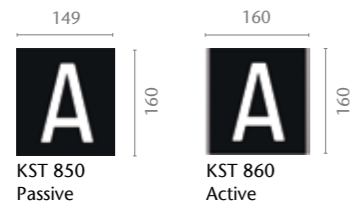
Displays:
KSC 863: Scrolling dot matrix

KSC 853 Partial height also available
Width 200 mm, Height 1300 mm

Destination operating panel (DOP)



Elevator identifier (EID)



reddot design award
winner 2012

KSC 863
Full height

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

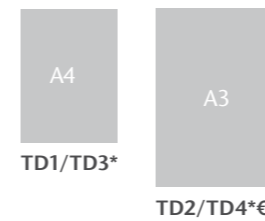
Tenant directory



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

TD3
Frame finishing: brushed or polished aluminium

Sizes



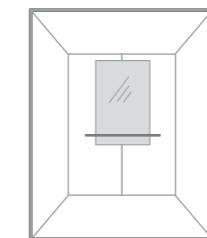
Directories can be installed either vertically or horizontally.

*** Note**
For TD3 and TD4: brushed stainless steel base, tempered glass door.

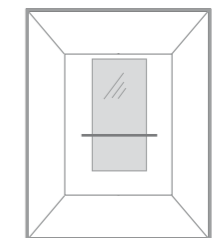


SIZES AND POSITIONING

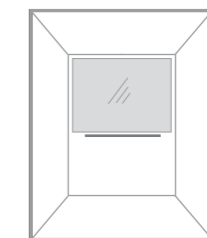
Mirrors can be located on the rear and side walls of the lift car. Mirror and handrail dimensions are determined by the wall width. Please consult your KONE sales representative for details.



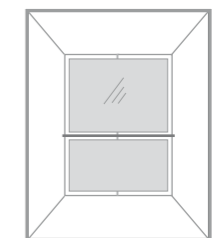
MR1
Partial width/Partial height



MR1
Partial width/Mid height



MR1
Full width/Partial height



MR1
Full width/Full height



Type: **RL12**, Integrated ceiling
 Finishings: Asturias Satin (F)
 Cloud White (P50)
 Misty Gray (P51)
 Lighting: LED spot lights, round

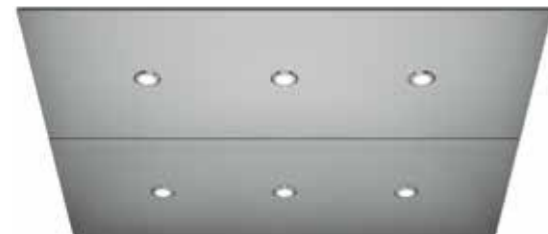
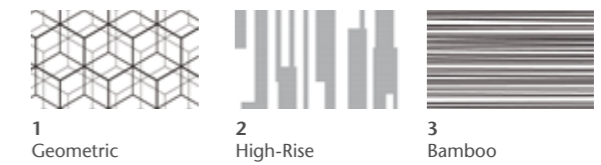


Type: **CL80**
 Finishings: Asturias Satin (F)
 Cloud White (P50)
 Murano Mirror (H) **P**
 Lighting: KONE Eco spot lights, round



Type: **CL151** **P**
 Frame finishing: Asturias Satin (F)
 Shangri-La Gold (SS1)
 Lighting: LED panel with frosted white diffuser, plain or with graphics.

Graphic options for LED panel



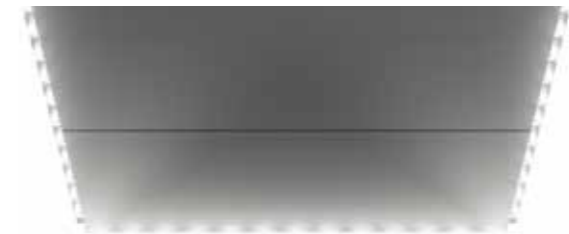
Type: **CL88**
 Finishings: Asturias Satin (F)
 Cloud White (P50)
 Murano Mirror (H) **P**
 Lighting: LED spot lights, round



Type: **RL14**
 Finishings: Asturias Satin (F)
 Cloud White (P50)
 Misty Gray (P51)
 Lighting: Roof integrated, direct lighting LED panel



Type: **CL162** **P**
 Finishings: Asturias Satin (F)
 Murano Mirror (H)
 Top panel: Cloud White (P50) painted steel
 Lighting: T5 Fluorescent tubes and LED spot lights, square



Type: **CL181** **P**
 Finishings: Asturias Satin (F)
 Murano Mirror (H)
 Shangri-La Gold (SS1)
 Vegas Gold (SS2)
 Lighting: LED
 See below for actual CL181 ceiling installed in car



Type: **CL94**
 Finishings: Asturias Satin (F)
 Cloud White (P50)
 Murano Mirror (H) **P**
 Lighting: T5 fluorescent tubes
 Note: EN81-71 Cat1 compliant version available



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



Type: **CL193** **P**
 Frame finishing: Asturias Satin (F)
 Center panels: Cloud White (P50) painted steel
 Lighting: T5 fluorescent tubes



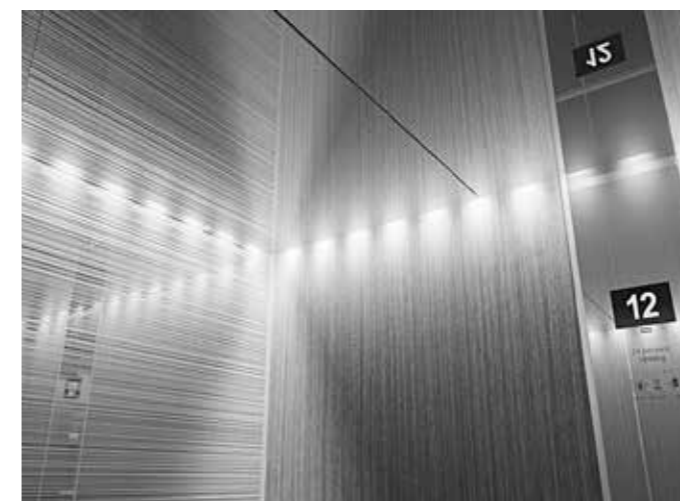
Type: **CL97**
 Finishing: Asturias Satin (F)
 Murano Mirror (H) **P**
 Shangri-La Gold (SS1) **P**
 Lighting: LED spot lights, square



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



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



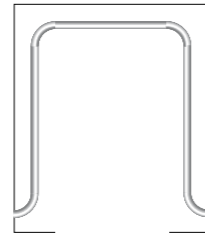
Actual CL181 ceiling installed in car



CL181



HR64*
 Round, bent ends
 EN 81-71 Cat 1 compliant
 Finishings:
 Brushed stainless steel (F)
 Mirror polished stainless steel (H) **P**
 Golden brushed stainless steel (SS1) **P**



* Also available as a continuous handrail



F
 Brushed stainless steel



H
 Mirror polished stainless steel **P**



SS1
 Golden brushed stainless steel **P**



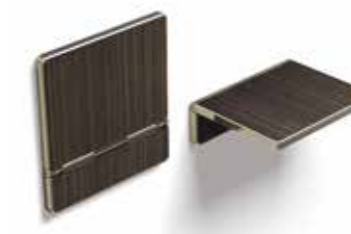
HR65*
 Triangular, bent ends
 EN 81-71 Cat 1 compliant
 Finishings:
 Brushed stainless steel (F)
 Mirror polished stainless steel (H) **P**



HR34
 Round, bent ends
 Aluminium (LBE) with
 black end caps



FS1
 L202
 Hazel Oak



FS1
 L205
 Ebony Oak



FS1
 L224
 Black Coal



BR1
 Flemish Linen (TS1)



BR1
 Lava Black (RC26)



BR1
 Light Wood (WL) **P**



BR1
 Dark Wood (WD) **P**



F
 Asturias Satin



SS1
 Shangri-La Gold **P**

SUPPORTING YOU EVERY STEP OF THE WAY

Choose a partner with over a century of experience in delivering pioneering lift solutions. Get expert advice from professionals and enjoy the peace of mind that comes with comprehensive support. KONE is with you every step of the way – from planning and design through installation and maintenance to modernisation – for the entire life cycle of your building.



1 Expert design and planning services

- Expert planning advice helps you specify the optimal lift solution for your building requirements.
- Easy-to-use online design tools save you time and effort during the design process by allowing you to create CAD drawings, 3D BIM models and custom car interiors.
- Energy consumption calculations for every individual lift solution.



2 Safe and efficient installation

- Highly efficient scaffoldless installation methods and a simple building interface result in considerable cost savings for our customers and minimise disruptions to other construction work.
- Strict quality criteria for each phase of installation ensuring “first time right every time”.
- Continuous training, site audits, installation safety passports and proven methods ensure maximum site safety.
- Eco-efficient installation processes maximise waste recycling and minimise the use of solvents.



3 Quality assurance at hand over and professional maintenance

- We are the only company to provide in-depth ride quality testing of each lift before handover.
- Our lifts are known for their reliability and have an average availability rate of 99%.
- Our global spares center stocks over 150,000 parts and offers 24-hour delivery for the most commonly requested parts.
- Preventive KONE Care® maintenance solutions – including a comprehensive online service-reporting system – make it easier to monitor and budget for lifts, escalators and doors maintenance.



NO COMPROMISES ON SAFETY

When you choose KONE, you choose peace of mind. Safety is the starting point for every KONE solution and all our solutions include the latest innovations in safety technology as standard.

Our KONE MonoSpace® lift solution includes a wide range of features that are designed to both maximise safety for passengers and make it easy for you to inspect the condition of your equipment to ensure that it operates safely at all times.

KONE also demonstrates its strong commitment to safety by working closely with the people who rely on our products to provide a safe, comfortable experience in their daily lives. Our safety events and communication material give people the opportunity to familiarise themselves with how lifts operate and how to use an lift safely.

- Daily **automatic brake testing**
- **Proven rope technology** that is easy to inspect
- A curtain of light to ensure **safe entry and exit**
- **Accurate landing** that eliminates risk of tripping
- A door opening button for **door control** when the lift is stopped
- A 2-way communication system for **instant, 24/7 contact with KONE Customer Care Centre** in case of an emergency

KONE MONOSPACE® 500

Compliant with EN81-20 code

KONE MONOSPACE 500 DUTY RANGE			
Speed (m/s)	Load (kg)	Travel (m)	Stops
1	1150	55	21
1.6	1000	75	24
1.75	1000	75	24
1.6, 1.75	1150	65*	24
1.6, 1.75	1150	55**	24

* If Single entrance car
** If Through type car

KONE MONOSPACE 500 MINIMUM HEADROOM HEIGHT (SH) ACCORDING TO CEILING TYPE				
Speed (m/s)	Standard ceiling (mm)	RL11, RL12 (mm)	CL88L, CL94L, CL162 (mm)	CL193 (mm)
1.0 (Without safety device)	CH + 1300	CH + 1220	CH + 1380	CH + 1330
1.6	CH + 1500	CH + 1420	CH + 1580	CH + 1530
1.75	CH + 1500	CH + 1420	CH + 1580	CH + 1530

Add 400 mm in case 1100 mm balustrade is needed.

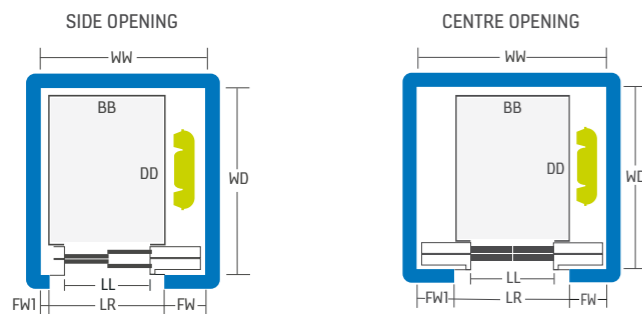
KONE MONOSPACE 500 PIT HEIGHT (PH)	
Speed (m/s)	Standard (mm)
1.0	1050
1.6	1200
1.75	1200
	Max 1550

NOTE: More dimensions are available, please contact your KONE sales representative.

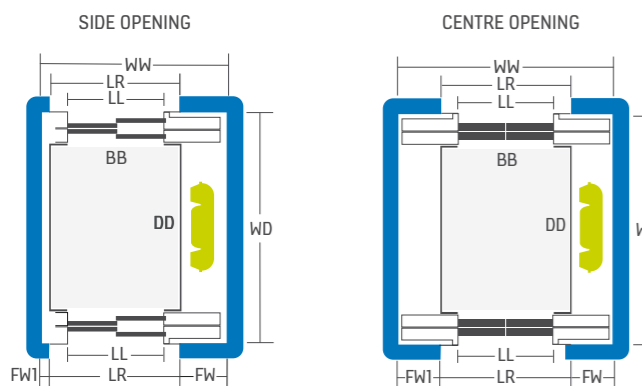
- BB = CAR WIDTH
- DD = CAR DEPTH
- CH = CAR CLEAR HEIGHT
- FW = SIDE WALL MACHINE SIDE
- FW1 = SIDE WALL OPPOSITE MACHINE
- FW2 = SIDE WALL RIGHT - FRAME DOOR APPLICATION ONLY
- HH = DOOR CLEAR OPENING HEIGHT
- HR = DOOR RAW OPENING HEIGHT
- LL = DOOR CLEAR OPENING WIDTH
- LR = DOOR RAW OPENING WIDTH
- LA = FRONT PANEL WIDTH, LEFT
- LB = FRONT PANEL WIDTH, RIGHT
- WW = SHAFT WIDTH
- WD = SHAFT DEPT

FRAME AND NARROW FRAME DOOR TYPES

SINGLE ENTRANCE CAR (SEC)

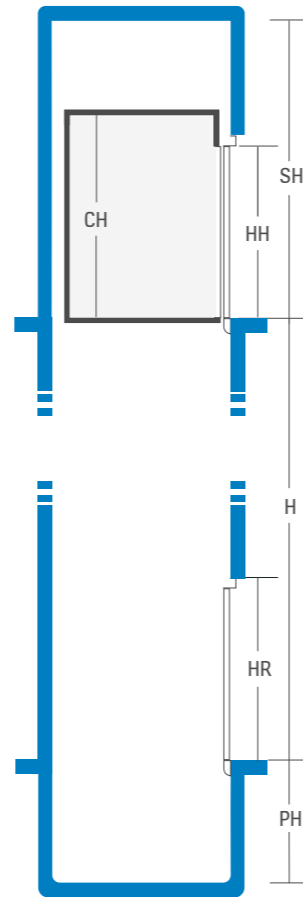


THROUGH TYPE CAR (TTC)

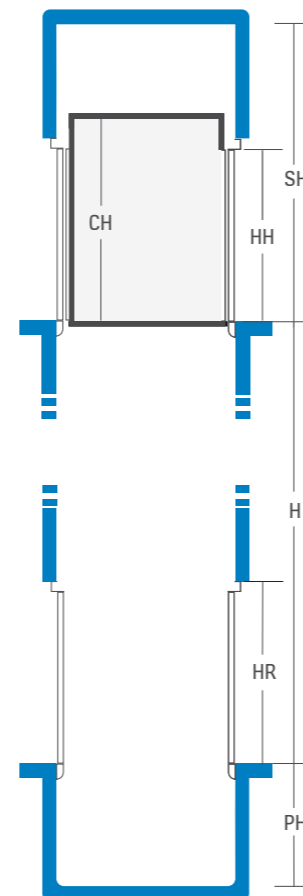


Frame widths:
Frame door: 120 mm
Narrow frame: 50 mm

SINGLE ENTRANCE SHAFT



THROUGH TYPE SHAFT



FRAME AND FRONT DOORS (Single entrance and through type cars)

SIDE OPENING DOORS

Rated load kg	Persons	BB mm	DD mm	LL mm	wW min. mm	wD min. mm	
						SEC	TTC
630	8	1100	1400	800	1570	1800	2010
630	8	1100	1400	900	1600	1800	2010
680	8	1130	1400	800	1600	1800	2010
680	8	1130	1400	900	1600	1800	2010
680 ²⁾	8	1130	1400	1000	1750	1800	2010
680	9	1200	1400	900	1670	1800	2010
800	10	1350	1400	800	1850	1800	2010
800	10	1350	1400	900	1850	1800	2010
800	10	1350	1400	1000	1850	1800	2010
900	12	1400	1500	800	1900	1900	2110
900	12	1400	1500	900	1900	1900	2110
900	12	1400	1500	1000	1900	1900	2110
1000	13	1100	2100	800	1600	2500	2710
1000	13	1100	2100	900	1600	2500	2710
1000 ²⁾	13	1100	2100	1000	1750	2500	2710
1000	13	1300	1700	900	1800	2100	2310
1000	13	1300	1700	1000	1800	2100	2310
1000	13	1400	1600	900	1900	2000	2210
1000	13	1400	1600	1000	1900	2000	2210
1000	13	1450	1550	900	1950	1950	2160
1000	13	1450	1550	1000	1950	1950	2160
1150	15	1200	2100	900	1700	2500	2710
1150	15	1200	2100	1000	1750	2500	2710
1150 ²⁾	15	1200	2100	1100	1900	2500	2710
1150	15	1400	1850	900	1900	2250	2460
1150	15	1400	1850	1000	1900	2250	2460
1150	15	1400	1850	1100	1900	2250	2460

¹⁾ These values are only available for KES 201, ²⁾ In case of EN81-20, balustrade HK 1100 needed on min shaft, with + 400 mm impact on min SH.

Shaft tolerances +/- 25 mm are included in shaft dimensions.

CENTRE OPENING DOORS

Rated load kg	Persons	BB mm	DD mm	LL mm	wW min. mm	wD min. mm	
						SEC	TTC
630	8	1100	1400	800	1740	1700	1810
630 ¹⁾	8	1100	1400	900	1940	1700	1810
630 ¹⁾	8	1100	1400	1000	2140	1700	1810
800	10	1350	1400	800	1840	1700	1810
800	10	1350	1400	900	1940	1700	1810
900	12	1400	1500	800	1900	1800	1910
900	12	1400	1500	900	1940	1800	1910
1000	13	1100	2100	800	1740	2400	2510
1000 ¹⁾	13	1100	2100	900	1940	2400	2510
1000 ¹⁾	13	1100	2100	1000	2140	2400	2510
1000	13	1300	1700	900	1940	2000	2110
1000 ¹⁾	13	1300	1700	1100	2340	2000	2110
1000 ¹⁾	13	1400	1600	1000	2140	1900	2010
1000 ¹⁾	13	1400	1600	1100	2340	1900	2010
1000	13	1450	1550	900	1940	1850	1960
1000	13	1450	1550	1000	2140	1850	1960
1000	13	1600	1400	900	2100	1700	1810
1000	13	1600	1400	1000	2140	1700	1810
1000 ¹⁾	13	1600	1400	1100	2340	1700	1810
1150 ¹⁾	15	1200	2100	900	1940	2400	2510
1150 ¹⁾	15	1200	2100	1000	2140	2400	2510
1150 ¹⁾	15	1200	2100	1100	2340	2400	2510
1150	15	1400	1850	900	1940	2150	2260
1150 ¹⁾	15	1400	1850	1000	2140	2150	2260
1150 ¹⁾	15	1400	1850	1100	2340	2150	2260

¹⁾ In case of EN81-20, balustrade HK 1100 needed on min shaft, with + 400 mm impact on min SH.

Shaft tolerances +/- 25 mm are included in shaft dimensions.

For options not shown, including loads, car sizes, entrance sizes and speeds, please contact your local KONE Sales Executive.

- BS EN81-70
- BS EN81-72 (fire fighting)
- BE EN81-71 Category 1 (vandal resistant)
- BS EN81-73 (fire behaviour)
- BS 9999 Annex G (evacuation control)

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.

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