

## THE ELEVATOR EXPERIENCE, REDEFINED

In an increasingly digitalized world, everything is connected, and elevators are no exception. The KONE MonoSpace® DX redefines the elevator experience with built-in connectivity for improved people flow and a completely new and inspiring user experience.

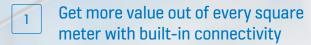
DX stands for digital experience because with the KONE MonoSpace DX you can create an experience that really connects, on every level.

Powered by the compact, energy-efficient KONE EcoDisc® hoisting motor, the KONE MonoSpace DX saves valuable space in your building by completely removing the need for a machine room.

We help you accelerate construction and lower construction costs with productivity enhancing construction time use solutions that help building projects finish ahead of schedule.

Whether you're developing a new building or replacing the elevator equipment in an existing one, we have a solution that fits. Contact your local KONE sales representative to find out more.





By adding connectivity to your elevators you make them smarter and more desirable – helping you get more value out of every square meter. New services enabled by the KONE digital platform and KONE Partner Ecosystem, as well as application programming interfaces (APIs), make everyday life even easier and more convenient for everyone.

Accelerate construction with improved productivity

With our new improved construction time solutions and processes, we can optimize your productivity and accelerate the completion of your building projects by several weeks or even months. We make people and material flows onsite as fast and efficient as possible.

Differentiate with a redefined user experience for tenants and visitors

Redefine the elevator user experience, bring your vision to life, and inspire users with our new car interior designs, functional and durable materials, direct and indirect lighting, new infotainment features, and new modular signalization.

Partner for smart and sustainable buildings

Make the right decisions first time and plan your elevator down to the very last detail with our next-generation planning tools. Take advantage of our expert support and sustainable materials and technologies to help you achieve green building certifications and compliance with safety codes and standards.

#### Easy to upgrade

With easy digital integration and the possibility to upgrade in the future as your needs change, you're all set to add new connected services as and when you need them.

### Best-in-class energy efficiency

Save energy and cut your building's carbon footprint with a machine room-less elevator that offers eco-efficient hoisting, high-efficiency regenerative drive, long-lasting LED lighting, and energy-saving standby operation.

#### Space efficiency

Installing everything inside the elevator shaft frees up space for more profitable use. When completely replacing an elevator we can improve accessibility with a bigger car and wider-opening doors – and even reclaim the machine room as rentable floor space.

# FUTURE-PROOF YOUR BUILDING WITH BUILT-IN CONNECTIVITY

The KONE MonoSpace DX takes our market-leading eco-efficient elevators and adds connectivity to make them smarter and more desirable than ever before.

Connected people flow means your elevator solution never stands still and your building gets better with every update.

To bring you peace of mind in the digital world, cybersecurity and privacy are designed into our digital services and connections. Monitoring our digital environments around the clock helps us take proper care of them for you now and in the future.

### GET MORE VALUE OUT OF EVERY SQUARE METER WITH BUILT-IN CONNECTIVITY

In an increasingly connected world, people expect more from the spaces where they live and work. Smart solutions based on connected digital technologies not only help buildings attract a premium price, they also help to speed up the sales or leasing process.

According to an independent survey\* of 4,000 apartment-building residents across four European countries:

78%

believe buildings will become increasingly smart

70%

believe smart building features will help their apartment sell more quickly



# of apartments: 100 Avg. size: 50 m<sup>2</sup> Avg. apt. price: 5000 €/m<sup>2</sup>



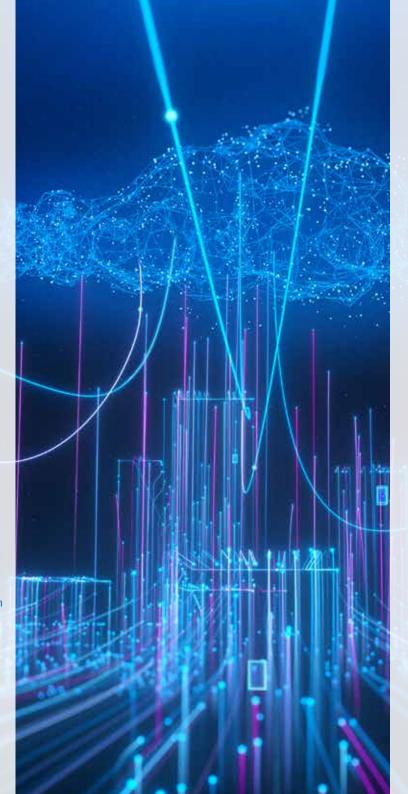
€31 000

cost savings compared to a traditional intercom system



+€1 200 000 Increased building value

\* Independent survey conducted in collaboration with Kantar TNS Oy during 2018 in cities with over 100,000 inhabitants.



## ADD INNOVATIVE SERVICES THAT IMPROVE CONVENIENCE AND COMFORT

KONE MonoSpace DX utilizes the KONE digital platform and secure APIs to connect elevators with a whole new suite of solutions and services that make life easier and more convenient for users.

Take advantage of digital solutions continuously developed by KONE like KONE 24/7 Connected Services for peace of mind throughout the elevator life cycle.

With KONE APIs you also have the freedom to develop your own smart building solutions, allowing you to further customize the elevator experience to meet the needs of your building and its users.

You can also benefit from solutions and services developed by the growing number of partners of the KONE Partner Ecosystem, which develop solutions that can be integrated with KONE DX class elevators.

### ACCELERATE CONSTRUCTION WITH IMPROVED PRODUCTIVITY

Our solutions help to maximize elevator uptime and move construction site workers and material around the building more efficiently during the construction process to help you finish your project sooner.



### KONE CONSTRUCTION TIME USE ELEVATORS

The final elevators equipped with protective materials so they can be used during construction



#### 24/7 CONNECTED SERVICES

Uninterrupted people and material flow, and maximum accessibility and safety on site with predictive maintenance during construction



#### **KONE JUMPLIFT**

A self-climbing construction time elevator solution uses the building's permanent elevator shaft during construction for smooth logistics that speed up building completion and lead to a quicker return on investment.



### PLAN FOR SUCCESS WITH KONE AS YOUR PARTNER

Your journey with KONE is a simple one. In a complex project, the pressure to stay on schedule and within plan is high. Our people and partners, from technicians to project managers, are fully committed to the highest customer satisfaction in the industry.

That is why we have the best processes and tools to support you every step of the way.

#### PROFESSIONAL PROJECT MANAGEMENT

When you buy a solution from KONE, you're getting far more than just equipment and installation. Every single project we handle is led by a dedicated, accredited project manager with solid experience of running similar projects.

#### **BUILDING INFORMATION MODELING (BIM)**

We use digital planning techniques like BIM to prepare for the installation process. This helps you understand and optimize your construction project.

#### SITE READINESS

To make sure everything we need is in place before we begin installation, we can monitor and report the readiness state of the site.

#### **EFFICIENT INSTALLATION**

The KONE elevator installation process doesn't require scaffolding, which cuts costs and minimizes disruption to other construction work on site.

#### QUALITY ASSURANCE AND MAINTENANCE

Before your elevator is handed over, we take every necessary measure to ensure that you're taking delivery of a high-quality solution that will run as it should from day one.



### FUNCTIONAL, DURABLE MATERIALS

Create a healthy and hygienic car interior that's easier than ever to clean, maintain, and keep looking its best with our new range of materials, including smart-surface laminates and anti-stain and anti-microscratch surfaces.

### IMPACTFUL LIGHTING

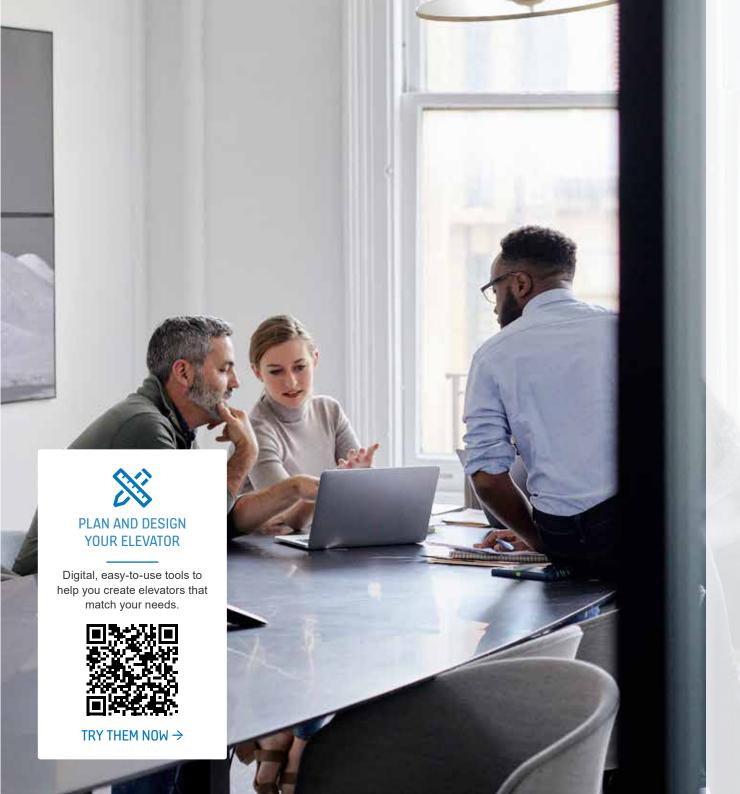
Create just the right ambience with impactful lighting. Our new range includes diffused, direct, and indirect lighting that can be combined to stunning effect.

### HUMAN, INSIGHT-DRIVEN DESIGN

People are the lifeblood of buildings, so our design philosophy is based on a human insight-driven approach that takes the whole elevator experience into account to make sure it connects on every level – from the visual to the emotional, and everything in between.

### INSPIRING INFOTAINMENT SOLUTIONS

From crisp, clear, easily updatable in-car infotainment screens to fully customizable media content, KONE DX Class elevators offer a host of different ways to inform, entertain, and inspire passengers.



### PARTNER FOR SMART AND SUSTAINABLE BUILDINGS

Now more than ever, it's vital we work together to build smart, sustainable, and adaptable buildings that last. Build greener and make sure your project is on track to meet industry codes and standards with our next-generation planning tools, safe and sustainable materials, and expert support.

#### **BUILD GREENER**

KONE solutions and expertise can make all the difference when you're aiming to achieve green building certifications and credits for schemes like BREEAM and LEED.

#### **BUILD TO STANDARDS**

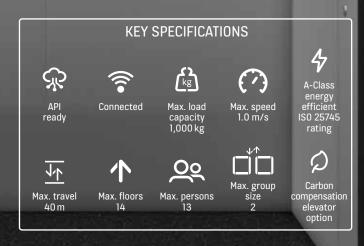
The KONE MonoSpace DX complies with all relevant industry codes and standards. Talk to your local KONE sales representative about how we can support you with issues such as accessibility, vandal-resistance, and fire code compliance.

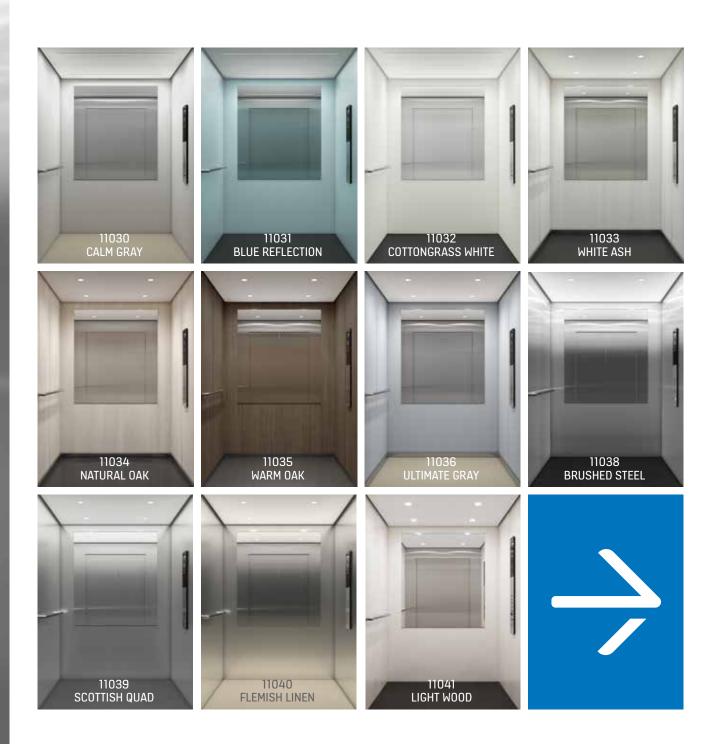
#### **BUILD WITH A SMALLER FOOTPRINT**

Our elevators are already highly energy-efficient, and now you have the option to compensate the embodied carbon emissions of any KONE MonoSpace® 300, 500 and 700 DX elevators that you purchase. The compensation applies to the period up to the elevator handover date.

### KONE MONOSPACE® 300 DX VISUAL OPTIONS

This cost-effective elevator solution for low-rise residential buildings is durable, easy to maintain, and available in ten attractive car designs, all with clear, easy-to-use signalization.





#### MATERIALS AND ACCESSORIES

#### WALL MATERIALS



Asturias Satin Brushed Stainless Steel



L235 Whitened Ash Laminate



L236 Natural Oak Laminate



L243 Ultimate Gray smart-surface laminate



Scottish Quad Textured Stainless Steel



TS1 Flemish Linen Textured Stainless Steel



P62 Blue Reflection Painted Steel Painted Steel



P63 Cottongrass White Painted Steel

L238

Warm Oak

Laminate



PS10 Light Wood Dark Wood Printed steel Printed steel



PS11 Grayed wood Printed steel

#### **DOOR MATERIALS**



Asturias Satin Brushed Stainless Steel



P51 Misty Gray Painted Steel



Cottongrass White Painted Steel



Scottish Quad Textured Stainless Steel



TS1 Flemish Linen Textured Stainless Steel decopanels



Zinc coated Local paint or

#### FLOOR MATERIALS



SF42 Gray Granite Composite Stone / Ceramic



RC30 RC32 Carbon Black Beige Gray Rubber Rubber





Raw surface for local finishing



**HANDRAILS** 

HR50 Aluminum



HR53 Brushed stainless steel

#### **CEILING MATERIALS**



CL80 Asturias Satin (F) Cottongrass White (P63)



Cottongrass White (P63) Asturias Satin (F) (Ceiling non-compliant to EN81-70 A1 code)



RL12 Asturias Satin (F) Cottongrass White (P63) (Ceiling non-compliant to EN81-70 A1 code)



Asturias Satin Brushed Stainless Steel



Interact 10 Full height, flush mounted

#### CAR OPERATING PANEL (COP)

Faceplate finishings: Asturias Satin Brushed Stainless Steel (F)

Segmented LCD TFT matrix

3

0 0

0

0

000

KSC 186

surface

mounted

Partial height.

#### LANDING DEVICES









KSH 280







KSL

284



KSL



KSL 286 Simplex



KSL 286 Duplex



#### KONE MONOSPACE® 500 DX SPECIFICATIONS



ready









Max. load Max. speed 1,75 m/s capacity 1,150 kg

A-Class energy efficient ISO 25745 rating



75 m











Carbon compensation elevator option

#### KONE MONOSPACE® 700 DX SPECIFICATIONS











Max. load capacity 2,500 kg



Max. speed 3 m/s



A-Class energy efficient ISO 25745 rating





Max. floors



Max. persons 33



Max. group size 6



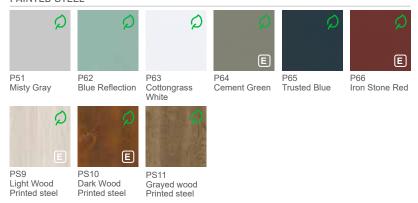
Carbon compensation elevator option



Our specialized anti-stain, anti-fingerprint coating helps keep colored stainless steel surfaces looking as good as new by preventing staining and making fingerprints less visible.

#### STEEL

#### PAINTED STEEL

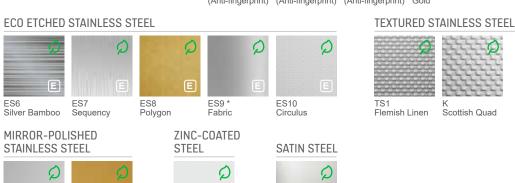


#### **BRUSHED STAINLESS STEEL**

SS2

Murano Mirror Vegas Gold





Local paint

panels

or decorative

SS7

Satin Steel

(Anti-fingerprint)

Note:

TranSys™ DX

E Extended lead time

Available only for KONE MonoSpace® 700 DX and KONE Our innovative new smart-surface laminates make it easier than ever to keep your elevator clean and looking its best, with a built-in antimicrobial surface and superb resistance to stains, abrasion, and scratches. Any small scratches on the surface can be "healed".

#### LAMINATE

#### SMART-SURFACE LAMINATE



LAMINATE

METALLIC

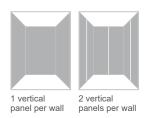
Oriental Gold

#### STANDARD LAMINATE



#### WOOD AND STONE-LIKE LAMINATE



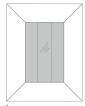


#### DECORATIVE GLASS AND MIRROR COMBINATIONS

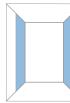
on wall C

Complement your car design with decorative glass and mirror elements, including solid colors, digitally printed graphics, and colored mirrors.





Full-glazed back wall



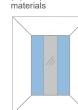
Mirrors in corners

Mirrored back corners

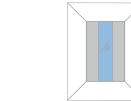


Mirrored back corners, glazed back wall





Centered full-height glazing





Full-mirror back wall





Centered full-height mirror

#### PAINTED GLASS



Satin Bronze



Satin Silver



Spring Yellow



GP4 Trusted Blue



Carbon Black

DIGITALLY PRINTED **GLASS** 



GD1 Wide Illusion

GD2 Gradient

**TRANSPARENT GLASS** 



Glass

#### WALL MIRROR



GM2 Light Silver

Dark Silver



#### STANDARD MIRRORS

Mirrors are a great way to add a feeling of space and reflect key design elements inside the car.

#### WALL MIRROR



#### WIDE ANGLE MIRROR

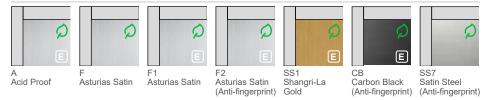


Wide Angle Mirror compliant with

#### **DOOR FINISHES**

Create a seamless look and feel by matching the elevator door finish with the car interior and landing entrances.

#### **BRUSHED STAINLESS STEEL**



#### PAINTED STEEL



#### ZINC-COATED STEEL



Local paint or decorative panels

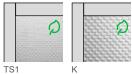


MIRROR POLISHED STAINLESS STEEL



Murano Mirror

### **TEXTURED STEEL**



K Scottish Quad Flemish Linen

#### **ETCHED** STAINLESS STEEL



ES10 Circulus



Glass

Note: Availablity varies according to door type and product. Finishings available for: KES 100 base duty: TW1, F, SS1, K, TS1, Z, RALxx

KES 202 base duty: P51, P61, P63, F, K, TS1, Z
KES 602 mid duty: P51, P63, F, F1, H, SS1, K, TS1, CB, Z, RALxx

KES 800 high duty: All above finishes

E Extended lead time

Front





#### **FLOORS**

There are several flooring options to choose from, including composite stone for long-lasting durability even under heavy use.

#### RUBBER



#### COMPOSITE STONE / CERAMIC



ECO-FLOOR Natural Oak Gray Granite

METAL

#### STEEL



Chequered steel Aluminium

#### LOCAL FLOORING



Raw surface for local finishing

#### **CEILINGS**

Our extensive range of ceilings is complemented by attractive lighting suitable for different environments.

#### INTEGRATED CEILINGS



Finish: Cottongrass White (P63) Asturias Satin (F) Only for MonoSpace® DX 700



Cottongrass White (P63) Asturias Satin (F) Only for MonoSpace® DX 500

#### SUSPENDED CEILINGS



CL151 Murano Mirror (H) Finish: Shangri-La Gold (SS1) Lighting: LED panel

CL80 / CL80V \*

Lighting: LED spots

CL96 / CL96V \*/\*\*

Lighting: LED PCB

Finish:

Cottongrass White (P63)

Cottongrass White (P63)

Asturias Satin (F)

Asturias Satin (F)

Murano Mirror (H)



Finish:

CL80 FFL/FF

CL96 FFL/FF\*\*

Lighting: LED PCB

Lighting: LED spots

Cottongrass White (P63) Asturias Satin (F) Murano Mirror (H) Shangri-La Gold (SS1) Carbon Black (CB) Lighting: LED spots & LED bar

Cottongrass White (P63)

Cottongrass White (P63)

Asturias Satin (F)

Asturias Satin (F)



Cottongrass White (P63) Finish: 3D design ceiling Lighting: LED spots & LED bar

Asturias Satin (F)

Lighting: LED spots (black)

Carbon Black(CB)

Cottongrass White (P63)

Asturias Satin (F)

CL81\*\*

Finish:

CL109

Finish:

Lighting: LED PCB



Cottongrass White (P63) Finish: Asturias Satin (F) Murano Mirror (H) Carbon Black (CB) Lighting: LED spots & LED bar





Asturias Satin (F) Murano Mirror (H)



Finish: Cottongrass White (P63) Lighting: Directed LED Spots Colored spot reflector in



CL80V, CL96V, and LF1V available only in F Asturias Satin Brushed Stainless Steel Steel \*\* Ceilings non-compliant to EN81-70

E Extended lead time

A1 code

Note:

#### **ENERGY-SAVING CAR LIGHTING**

KONE elevators are equipped with modern fluorescent tubes and LED lights that can last up to 10 times longer and use up to 80% less energy than conventional lighting solutions.

#### **FINISHES**



P63 Cottongrass White Painted Steel



Asturias Satin **Brushed Stainless** Steel



Polished Stainless



Carbon Black Brushed Stainless Steel (Anti-fingerprint)



Shangri-La Gold Brushed Stainless

Not available for KONE MonoSpace® 500 DX

#### **ACCESSORIES**

Add the finishing touches with our wide range of accessories, including handrails with an antimicrobial coating that improve elevator hygiene by helping to prevent the spread of germs.

#### **HANDRAILS**



HR81-HR81TR F. SS1. P70



fixings



LBE (black)



HR64-HR64TR F. SS1, P70. with brushed stainless steel EN81-70 compliant



EN81-71 Cat 2 compliant Only for MonoSpace® DX 700



H64 and HR81 available in continuous version (HR64TR and HR81TR)

#### **FINISHES**



Asturias Satin Brushed Stainless Steel



Brushed Stainless Steel with surface finish "The Inox in Color®" (Anti-fingerprint)



SS1 Shangri-La Gold Brushed Stainless Steel

#### TENANT DIRECTORIES

**MEDIA SCREENS** 



Materials: Brushed stainless steel base Tempered glass door Brushed or polished aluminum

The tenant directory is completely customizable and can be easily updated according to your needs.

Directories can be installed either vertically or horizontally.

Sizes:

TENANT DIRECTORIES AND





TD4 \*

#### **SKIRTING**



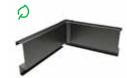
F - Asturias Satin F1 - Asturias Satin \* A - Acid Proof \*



WDO - Blackened Oak

SS1 - Shangri-La Gold





CB - Carbon Black (Anti-fingerprint) \*\*



Skirting is mandatory for
KONE MonoSpace® 700 DX and
KONE TranSys™ DX
In KONE MonoSpace® 500 DX skirting is mandatory with

a laminate wall or stone flooring.

- \* Only for KONE MonoSpace® 700 DX and KONE TranSys™ DX

  \*\* Only for KONE MonoSpace® 500 DX with
- standard car size

E Extended lead time

#### **BUFFER RAILS**



TS - Flemish Linen

E

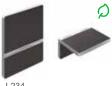


L236 - Natural Oak



L239 - Blackened Oak

#### SEATS



Granite Grav

E Extended lead time



### **SIGNALIZATION**

#### **KONE INTERACT**

#### KSS 180

The KONE Interact and KSS 186 signalization lines are designed to provide simple, reliable user interface for the low and mid-rise buildings. They are equipped with full or partial height control operating panels made of stainless steel, which are also provided with LCD displays as well as control components.



**KONE Interact 10** Full height, flush mounted



**KONE Interact 20** Full height, flush mounted

#### CAR OPERATING PANEL (COP)

Faceplate finishings: Asturias Satin Brushed Stainless Steel (F)

3

0 0

0

69

080

KSC 186 Partial height Surface mounted

Displays: Segmented LCD TFT matrix

Type: Rectangular Round



KSH 280







KSL 186

#### LANDING DEVICES









280





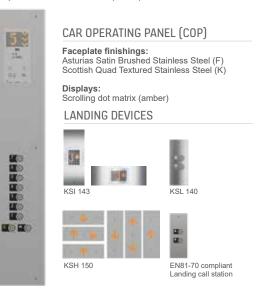
KSL286 douplex



KSS 140 - READY FOR ANYTHING

The KSS 140 vandal-resistant signalization family is designed for low and mid-rise buildings where the elevator equipment needs to be able to cope with tough challenges.

Everything from the faceplate to the buttons, displays, and even the screws, is designed to be vandal resistant. KSS 140 signalization complies with the EN81-71 (Cat 1) standard for vandal-resistant elevators.



KSC 143PH, Partial height KSC 143FH, Full height

#### KSS H

The horizontal COP, according to EN81-70 Annex B, improves elevator accessibility for wheelchair users and those with visual impairments. Installed alongside standard signalization inside the elevator car and accompanied by a handrail, the COP features extra-large buttons with tactile and braille markings, and is finished in durable stainless steel.



#### Faceplate finishings:

Asturias Satin Brushed Stainless Steel (F)

#### Displays:

None

KSC H70, up to 12 buttons KSC H40, up to 6 buttons

#### **KSS 700**

10↑

2000

0 0

0 0

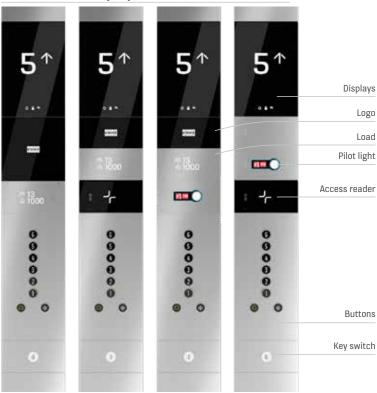
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The flush-mounted KSS 700 signalization family for residential and commercial buildings is a revolution in elevator design. Its modular structure means you can swap out different elements – such as the faceplate, display, and even buttons – to add new functions and create a unique look and feel.

#### CAR OPERATING PANEL (COP) - MODULAR SYSTEM



#### **COP FACEPLATE FINISHES**



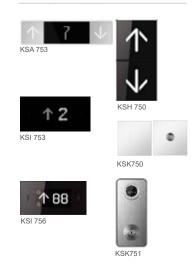
#### DISPLAYS



Scrolling dot matrix

Celografické LCD (KSC 733) (KSC 737)

#### LANDING DEVICES



#### LANDING DEVICE FINISHES

Steel



Steell

Carbon Black Brushed Stainless (Anti-fingerprint)

#### KSS 800

# 8 % $\begin{array}{c} 7 & 6 & 5 \\ 4 & 3 & 2 \end{array}$ = 000 0 0

KSC 863 Full height

KSC 833 Full height

#### CAR OPERATING PANEL (COP)

The KSS 800 Signalization is dedicated for commertional buildings.

#### LANDING DEVICES AND DISPLAYS









KSO 857



#### DESTINATION GUIDANCE DISPLAY (DGD)

A display device KSG 857 is used with KONE Turnstile 1000 (KT1000) in case of integration with KONE Destination Control System and KONE Access or 3rd party ACS provider. Similar device KSG 847 is used with 3rd party turnstiles. They activate a direct home-floor call when a person passes through the turnstile.

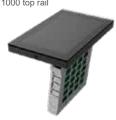


KSG 847 DGD 3rd party module

Faceplate finishing KT100 & KT1000 Top glass with black back printing

**Displays** Full graphic color LCD 7"

Fixing type
Flush mounted to KT100 & KT1000 top rail



#### **ELEVATOR IDENTIFIERS (EID)**







Passive







KST 890, Active

KST 880. Passive

#### Faceplate finishings: Glass with black back printing

#### Finishing

Aluminum deep black anodized Aluminum light silver anodized

Only accessibility button on side, others on screen Symbol is tactile silver NA button white on black

#### Displays:

Full graphic LCD

#### User interace types Keypad

Grid List

#### Fixing type Semi-flush (KSP 888)

Surface mounted (KSP 858) Pedestal (KSP 858)

#### Access control

Reservation for ACS reader



KSP 858 with pedestal



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® DX, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 63,000 dedicated experts to serve you globally and locally.

#### KONE ROMÂNIA

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