

6

# ENTER A NEW ERA OF DIGITALLY ENABLED PEOPLE FLOW

KONE MonoSpace<sup>®</sup> 300 DX KONE MonoSpace<sup>®</sup> 500 DX KONE MonoSpace<sup>®</sup> 7<u>00 DX</u>

## THE ELEVATOR EXPERIENCE, REDEFINED

In an increasingly digitalized world, everything is connected, and elevators are no exception. The KONE MonoSpace<sup>®</sup> 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<sup>®</sup> 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.



## Get more value out of every square meter with built-in connectivity

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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 energysaving 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.

## ADD INNOVATIVE SERVICES THAT IMPROVE CONVENIENCE AND COMFORT

om 5001 - 5332 om 4001 - 4332 om 3001 - 3332 om 2001 - 2324 om 1001 - 1224

Veeting 1 Courtyards Cardio

Meeting C - H Co-Work Lower Deck

obby estaurant / Bar onference A - B

arking

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 highquality solution that will run as it should from day one.

## DIFFERENTIATE WITH A REDEFINED USER EXPERIENCE FOR TENANTS AND VISITORS

Deliver a user experience that inspires, informs, and delights. With KONE MonoSpace DX Class elevators you can harness the power of digitalization to take the elevator journey far beyond the ordinary. A whole new range of car designs, material options, and lighting and signalization choices, as well as fully customizable digital infotainment solutions, adds value to your building.

## 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 insightdriven 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 offe 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<sup>®</sup> 300, 500 and 700 DX elevators that you purchase. The compensation applies to the period up to the elevator handover date.

PLAN AND DESIGN YOUR ELEVATOR

Digital, easy-to-use tools to help you create elevators that match your needs.



8 | KONE MONOSPACE® DX

# CARBON NEUTRAL ELEVATOR EXPLAINED

Now more than ever, it's vital that we work together to reduce emissions and focus on creating sustainable cities where future generations can live and thrive. To reduce the climate impact of KONE DX Class elevators, we now offer you the option to purchase them as carbon neutral whether you're developing a new building or replacing the elevator equipment in an existing one.

We compensate the embodied carbon emissions until the handover of the elevator. The option is available for selected elevator platforms.

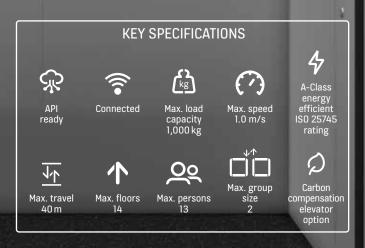
### How do we reach carbon neutrality?

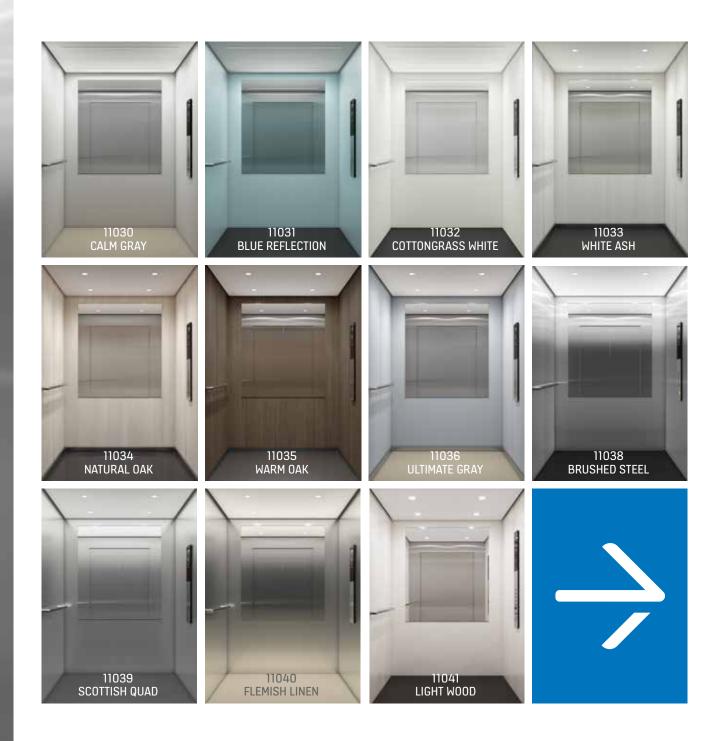
At KONE, we are following a three-step approach to reach carbon neutrality:

- 1. We measure our own carbon emissions and clearly communicate the carbon footprint of the elevator we manufacture in our third-party verified Environmental Product Declarations (EPDs).
- 2. We have defined clear, ongoing emission reduction actions to actively reduce our carbon emissions in line with our set science-based targets, environmental guidelines, and overall emission-reduction targets.
- 3. We compensate the remainder of the emissions including carbon emissions from materials, manufacturing, logistics, and installation – until the elevator is handed over to the customer.

## KONE MONOSPACE<sup>®</sup> 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 L235 L236 L238 L243 F Κ Asturias Satin Natural Oak Warm Oak Whitened Ash Ultimate Gray Scottish Quad Brushed Laminate Laminate Laminate smart-surface Textured Stainless Steel laminate Stainless Steel TS1 P51 P62 P63 PS9 PS10 PS11 Flemish Linen Misty Gray Blue Reflection Cottongrass Light Wood Dark Wood Grayed wood Textured Painted Steel Painted Steel White Painted Printed steel Printed steel Printed steel Stainless Steel Steel DOOR MATERIALS P51 P63 TS1 Ζ F Asturias Satin Misty Gray Cottongrass Scottish Quad Flemish Linen Zinc coated Painted Steel White Painted Brushed Textured Textured Local paint or Stainless Steel Steel Stainless Steel Stainless Steel decopanels FLOOR MATERIALS HANDRAILS HR50 HR53 SF42 RC30 RC32 0 Beige Gray Gray Granite Carbon Black Raw surface for Aluminum steel Composite Rubber Rubber local finishing Stone / Ceramic

#### **CEILING MATERIALS**



CL80 Asturias Satin (F) Cottongrass White (P63)



Asturias Satin (F)

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



Brushed stainless

SKIRTING

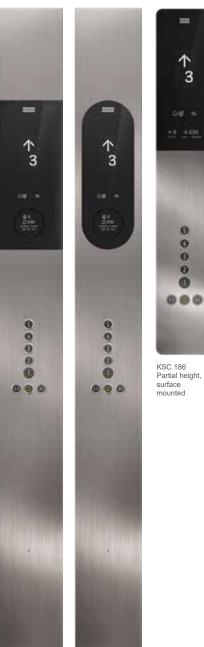
Asturias Satin

Steel

Brushed Stainless



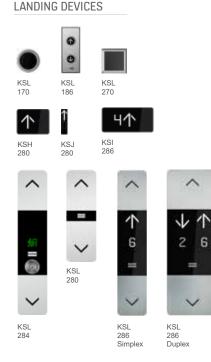
Interact 10 Full height, flush mounted



#### CAR OPERATING PANEL (COP)

Faceplate finishings: Asturias Satin Brushed Stainless Steel (F)

Displays: Segmented LCD TFT matrix



KONE **MONOSPACE<sup>®</sup>** 500 DX KONE **MONOSPACE<sup>®</sup>** 700 DX

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#### KONE MONOSPACE® 500 DX SPECIFICATIONS 4 kg $\mathcal{R}$ ? $( \mathcal{T} )$ Max. load A-Class Max. speed 1,75 m/s API Connected capacity 1,150 kg energy efficient ISO 25745 rating ready Max. persons 15 Carbon Max. travel Max. floors Max. group size compensation 24 4 75 m elevator option KONE MONOSPACE® 700 DX SPECIFICATIONS 4 kg $\mathcal{R}$ 7 1 Max. load API Max. speed Connected capacity 2,500 kg 3 m/s ready



Max. travel

120 m

A-Class energy efficient ISO 25745 rating



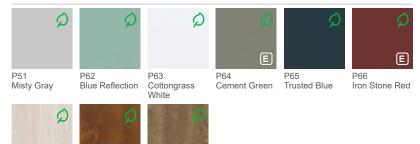


## ATTRACTIVE, DURABLE WALL FINISHES

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



PS9 PS10 Light Wood Dark Wood Printed steel Printed steel

#### **BRUSHED STAINLESS STEEL**

E

PS11

Grayed wood

Printed steel



Ô

SATIN STEEL

SS7

Satin Steel

(Anti-fingerprint)

Q

#### ECO ETCHED STAINLESS STEEL







Murano Mirror Vegas Gold

Local paint or decorative panels

Ζ

STEEL

Q

#### TEXTURED STAINLESS STEEL

Ø	Ø
TS1	K
Flemish Linen	Scottish Quad

Note: Available only for KONE MonoSpace<sup>®</sup>700 DX and KONE TranSvs<sup>™</sup> DX

E Extended lead time

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".

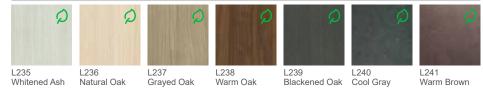
#### LAMINATE METALLIC SMART-SURFACE LAMINATE I AMINATE L243 L244 L245 L200 Oriental Gold Ultimate Gray Trusted Blue Granite Gray

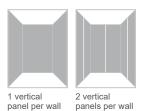


#### STANDARD LAMINATE



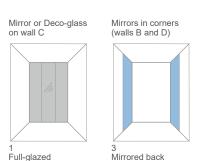
#### WOOD AND STONE-LIKE LAMINATE



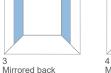


## DECORATIVE GLASS AND MIRROR COMBINATIONS

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



corners

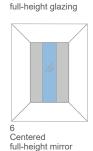


Mirrors on walls B,

D, and Deco-glass

on wall C

Mirrored back corners, glazed back wall



Mirror and Deco-

glass on back wall

(C) – 3 panels, 2

materials

5

Centered

Glass

Mirror

PAINTED GLASS

back wall

Full-mirror

back wall



DIGITALLY PRINTED GLASS







TW1 \* Glass



WALL MIRROR

GM2 Light Silver Dark Silver



Decorative glass only available for KONE MonoSpace® 500 DX and KONE MonoSpace® 700 DX. Decorative glass imposes some limitations on ceiling design and accessibility compliance.

\* Only available with fully transparent back wall; cannot be combined with mirror options.

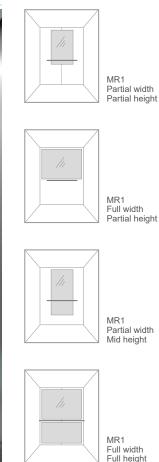
E Extended lead time

## 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

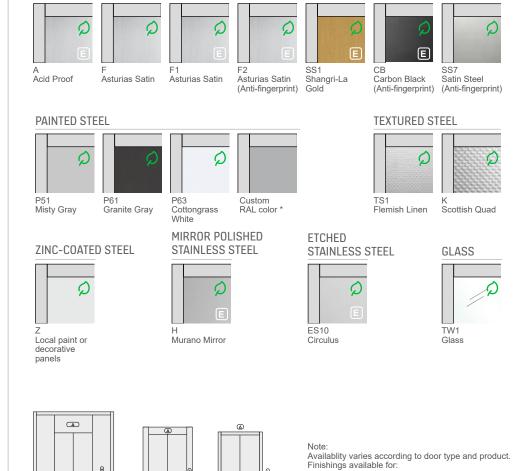


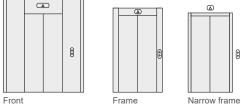
Wide Angle Mirror compliant with EN81-70

## **DOOR FINISHES**

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

#### **BRUSHED STAINLESS STEEL**





Finishings available for: KES 100 base duty: TW1, F, SS1, K, TS1, Z, RALxx

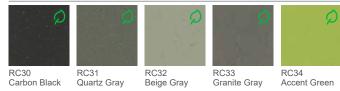
KES 202 base duty: P51, P61, P63, F, K, T51, Z KES 602 mid duty: P51, P63, F, F1, H, SS1, K, TS1, CB, Z, RALXX KES 800 high duty: All above finishes

E Extended lead time

### **FLOORS**

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

#### RUBBFR



#### **COMPOSITE STONE / CERAMIC**



White Marble Beige Chalk

STEEL

8 ST \*

Not available for KONE MonoSpace® 500 DX

SS \* Stainless steel Chequered steel

AL Aluminium

Gray Granite

METAL

EF Natural Oak

LOCAL FLOORING

 $\Diamond$ 

ECO-FLOOR

Raw surface for local finishing



Murano Mirror (H)

Shangri-La Gold (SS1)

**CEILINGS** 

for different environments.

Cottongrass White (P63)

Asturias Satin (F)

Only for MonoSpace® DX 700

SUSPENDED CEILINGS

INTEGRATED CEILINGS

LF1/LF1V \*

Finish:

E

CL151

Finish:

Finish:

Lighting: LED panel

CL80 / CL80V \* Finish: Cottongrass White (P63) Asturias Satin (F) Murano Mirror (H) Lighting: LED spots



Carbon Black (CB)

Lighting: LED spots & LED bar

Our extensive range of ceilings is complemented by attractive lighting suitable

Cottongrass White (P63)

Asturias Satin (F) Only for MonoSpace® DX 500

**RL12** 

Finish:

CL182

Finish:

Asturias Satin (F) Lighting: LED spots



CL96 / CL96V \*/\*\* Cottongrass White (P63) Asturias Satin (F) Lighting: LED PCB



CL96 FFL/FF\*\* Cottongrass White (P63) Finish: Asturias Satin (F) Lighting: LED PCB



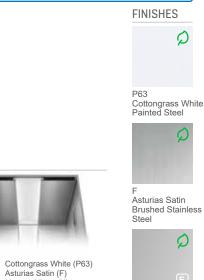
CL81\*\* Finish: Asturias Satin (F) Carbon Black(CB) Lighting: LED spots (black)



CL109 Cottongrass White (P63) Finish: Asturias Satin (F) Lighting: LED PCB

#### **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.



Н Murano Mirror Polished Stainless Steel



CB Carbon Black Brushed Stainless Steel (Anti-fingerprint)



SS1 Shangri-La Gold

Brushed Stainless Steel

Note:





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



CL82

Note:

A1 code

E Extended lead time

Finish:

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

Cottongrass White (P63)

Asturias Satin (F)

Lighting: Directed LED Spots

CL80V, CL96V, and LF1V

available only in F Asturias

Satin Brushed Stainless Steel

\*\* Ceilings non-compliant to EN81-70

Murano Mirror (H) E

Colored spot reflector in white, yellow, or blue



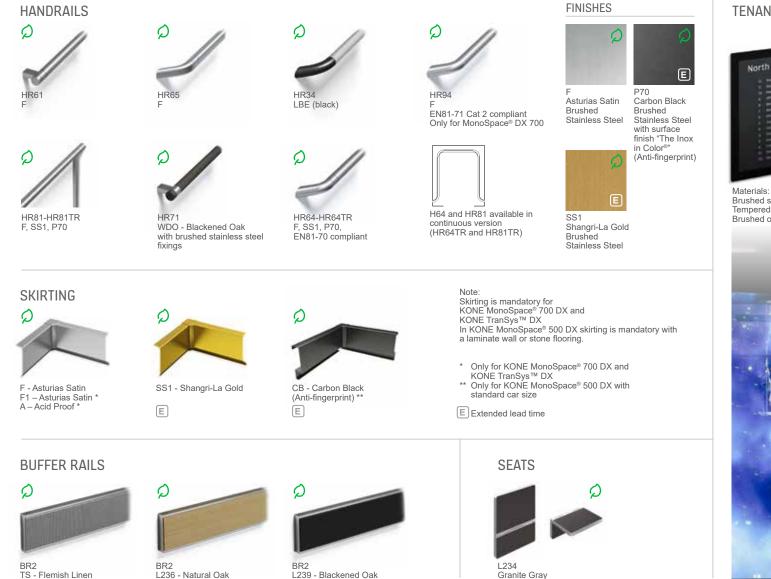


## ACCESSORIES

E

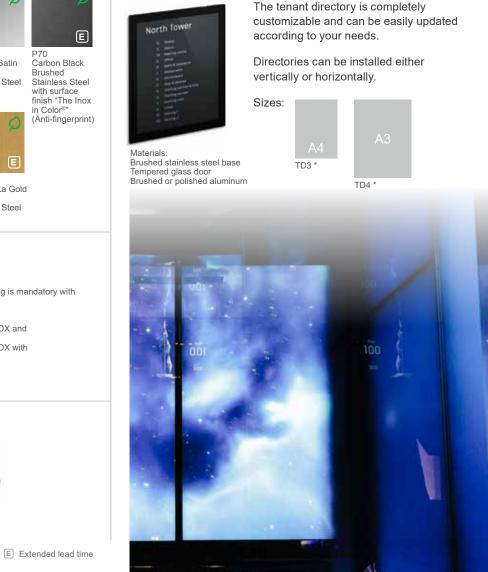
E

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.



## TENANT DIRECTORIES AND MEDIA SCREENS

### **TENANT DIRECTORIES**



## 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.

Displays:

TFT matrix

Rectangular

Type:

Round



KONE Interact 10	
Full height,	
flush mounted	

KONE Interact 20 Full height, flush mounted



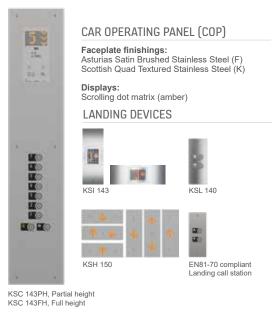
KSC 186 Partial height. Surface mounted

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### 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.



### 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

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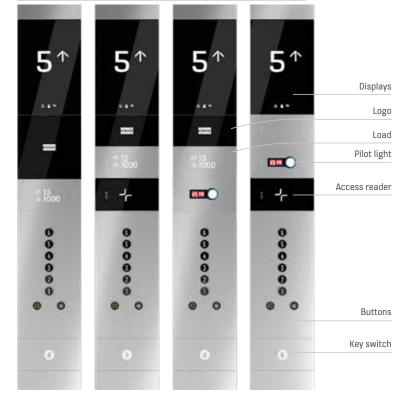
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The flush-mounted KSS 700 signalization family for residential and commercial buildings is a revolution in elevator design. Its modular structure means you can swap out different elements – such as the faceplate, display, and even buttons – to add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

CAR OPERATING PANEL (COP) – MODULAR SYSTEM

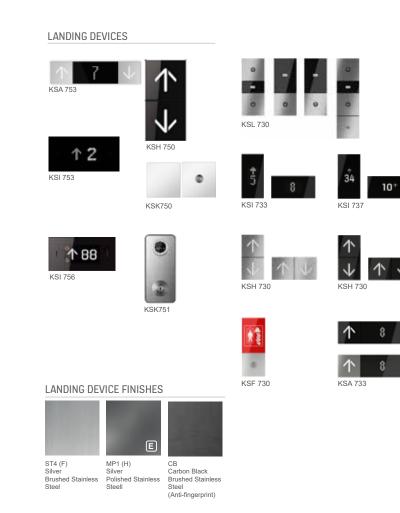


COP FACEPLATE FINISHES





dot matrix LCD (KSC 733) (KSC 737)



KSC 733 Full height KSC 737 Full height

### **KSS 800**

# 8 × $\begin{smallmatrix}7&6&5\\4&3&2\end{smallmatrix}$ 111000 -.... 0 0 0 0 0

KSC 863 Full height KSC 833 Full height

#### 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.

Faceplate finishing KT100 & KT1000 Top glass with

black back printing

KT1000 top rail

Displays Full graphic color LCD 7"

Fixing type Flush mounted to KT100 &



TOUCHSCREEN DESTINATION OPERATING PANEL (DOP)



#### ELEVATOR IDENTIFIERS (EID)











Passive



KST 880. Passive

KST 890. Active

Faceplate finishings: Glass with black back printing

Finishing Aluminum deep black anodized Aluminum light silver anodized

Buttons 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

CAR OPERATING PANEL (COP)

for commertional buildings.

B>

4

1 2 3

(4) (5) (6)

7 3 3

\*

KSP 833

KST 850 / 860

☆

KSJ 853

Without backlight / With backlight

The KSS 800 Signalization is dedicated

B>

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- A.

KSP 853

KSP 858

3 7

2

KSO 857

8 9

LANDING DEVICES AND DISPLAYS

KSP 858 with pedestal



DGD 3rd party module



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<sup>®</sup> DX, KONE NanoSpace<sup>™</sup> and KONE UltraRope<sup>®</sup>.

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

#### **KONE SERBIA**

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#### www.kone.rs

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