

Dedicated to People Flow™

KONE

A photograph of a man and a young child walking through a modern elevator lobby. The man, wearing a yellow long-sleeved shirt and blue jeans, is walking behind the child. The child, wearing a purple long-sleeved shirt and khaki pants, has a green backpack on. They are walking towards a glass-walled elevator. The lobby walls are a mix of light green and wood-grain panels. The ceiling has recessed circular lights. On the right side of the image, a portion of an elevator control panel is visible, showing a grid of buttons.

**KONE elevators for
residential buildings**



A STRONG TRACK RECORD

- 9 out of 10 KONE customers recommend us as a partner
- More than 100 years of experience in the elevator industry
- Half a million KONE EcoDisc installations worldwide
- Over 850,000 elevators and escalators in service
- 35,000 dedicated experts worldwide

2 Industry-leading ride comfort for the best possible passenger experience

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

Quiet and smooth operation, and accurate leveling 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.

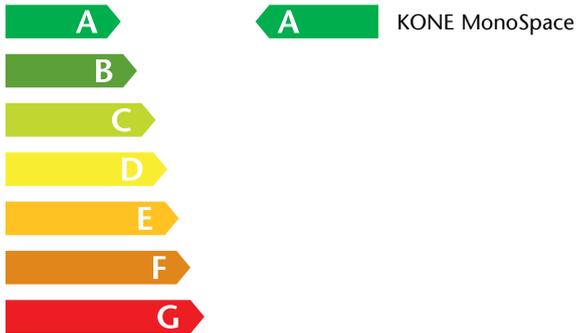
The industry's most flexible and versatile offering, with over 100 materials and accessories, offering millions of possible combinations.

The most innovative materials and lighting solutions.

Best in class eco-efficiency

THAT CUTS YOUR BUILDING'S CARBON FOOTPRINT

KONE elevators' energy efficiency performance according to VDI 4707



At KONE we have always been renowned for our revolutionary eco-efficient technology. Our renewed elevator solution improves upon our already industry-leading energy consumption levels by an additional 35%.

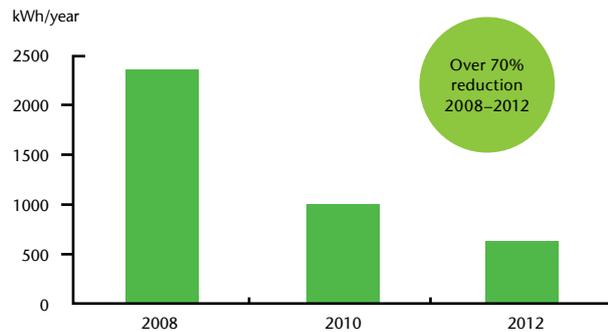
- Our volume products were the **first in the industry to receive an A-class energy rating** according to the VDI 4707 guideline – the benchmark for elevator energy efficiency. We now offer this A-class energy efficiency as standard.
- Installing an eco-efficient KONE elevator solution can also help in achieving **green building accreditations** such as LEED or BREEAM certification.

SAVE ENERGY, SAVE SPACE

As well as offering world-class energy efficiency, because the renewed KONE MonoSpace is now even more compact it also helps you save valuable space.

- The highly compact elevator equipment – including the KONE EcoDisc hoisting machine and other mechanical structures – now requires even less height and width in the shaft.
- This **freed up valuable floor space** or allows for a more spacious, higher-capacity car.
- When replacing an existing elevator, the new KONE MonoSpace **eliminates the need for a machine room and maximises elevator capacity** within the existing shaft dimensions.

KONE elevator's energy consumption



The basis for the calculation is an elevator speed of 1 m/s, a load of 630 kg, 150,000 starts/year, a travel height of 9 m and 4 floors

- 1 More efficient hoisting machinery**
The completely renewed 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**
As well as being 80% more efficient than halogen lighting, LED lighting also lasts 10 times longer.
- 4 More advanced standby solutions**
Upgraded standby solutions power down the equipment when it is not in use, providing substantial energy savings.



U.S. based business magazine Forbes has ranked KONE the 39th most innovative company in the world. KONE is also the only elevator and escalator company that has made it to the top 50.

Industry-leading 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.

1 Renewed machinery and brakes

- The new, highly reliable motor control system further improves ride comfort, with smooth acceleration and deceleration, and highly accurate car leveling.
- The renewed braking system ensures a comfortable, safe, quiet ride, while also minimising noise transfer to the surrounding areas.
- The new brake test functionality automatically checks brake condition daily. This helps to further improve safety and reliability.

2 Redesigned hoisting system for minimised vibration and noise

- Centralised, low-friction hoisting cuts noise and vibration, improving comfort for passengers and minimising disturbance to the surrounding areas.

3 Improved car structure for a more comfortable ride

- The rigid structure and noise isolation of the renewed elevator car ensure a smooth and comfortable ride.
- New isolated guide shoes, constructed using low-noise sliding material, further help to reduce noise.

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

- KONE provides a comprehensive ride comfort testing service as standard for all its elevator installations.
- Your elevator 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.



Award-winning design

THAT HELPS YOUR BUILDING STAND OUT

WHAT SETS KONE DESIGN APART

1 Easy selection of car interiors

A collection of 52 functional and visually appealing designs created by KONE's award-winning design professionals.

2 The most flexible and versatile offering

100 different materials and accessories that can be combined freely and used in all elevator products, for both new buildings and modernisation projects.

3 The most innovative materials

The combination of unique textured, patterned, and 3D-effect wall materials with novel lighting solutions creates a stunning visual effect.

4 Award-winning design

KONE's elevator and signalisation design concepts have received both red dot and Good Design awards.



KONE DESIGN COLLECTION

When you're designing a building that people will call home, the elevator you choose should complement your building's look and feel, create a lasting impression on passengers, and make your building attractive to potential residents. Your elevator also needs to be functional – it should be accessible for all, well lit, user-friendly, easy to clean, and resistant to wear and tear.

The new KONE Design Collection – created by our award-winning design team – offers you a versatile set of contemporary, themed interiors to choose from. You can also create your own unique look and feel by mixing and matching our wide range of materials and accessories.

For more design inspiration take a look at the complete KONE Design Collection and use the KONE Car Designer tool to create your own design: www.kone.co.uk

4 red dot design awards
2 Good Design awards



reddot design award
winner 2012

ACCESSORIES DESIGNED TO IMPROVE USER EXPERIENCE IN RESIDENTIAL BUILDINGS



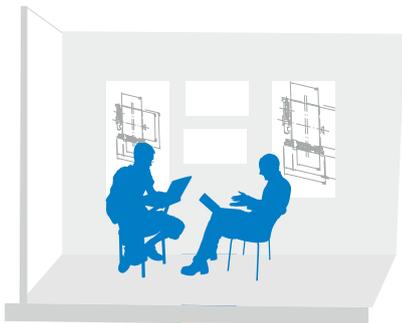
Our wide range of accessories is designed to give passengers a great elevator experience with every trip. As well as adding the finishing touches to your elevator's interior, they make using the elevator even easier and more convenient for passengers.

1. Car operating panel with memorable animal patterns to help children find their floor.
2. Designed for senior housing, this car operating panel uses clear, highly visible numbers.
3. Our new KSS 280 signalisation series for residential buildings is durable and easy to use.
4. KONE InfoScreen makes it easy to communicate important building information to residents.

A dedicated partner

SUPPORTING YOU EVERY STEP OF THE WAY

Choose a partner with over a century of experience in delivering pioneering elevator 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 elevator 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 elevator solution.



2 Efficient and safe installation

- Highly efficient scaffoldless installation methods and a simple building interface result in considerable cost savings for our customers and minimise disruption 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 handover and professional maintenance

- We are the only company to provide in-depth ride quality testing of each elevator before handover.
- Our elevators are known for their reliability, and have an average availability rate of 99%.
- Our global spares centre 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 elevators, escalators and doors maintenance.

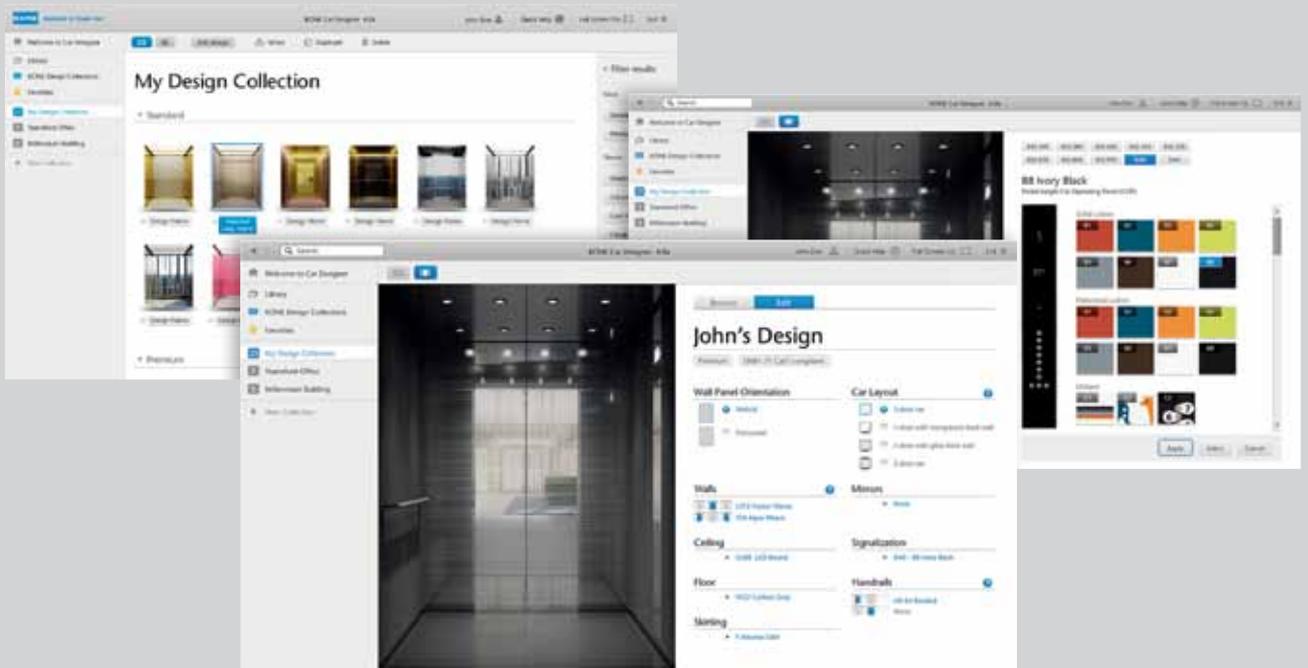
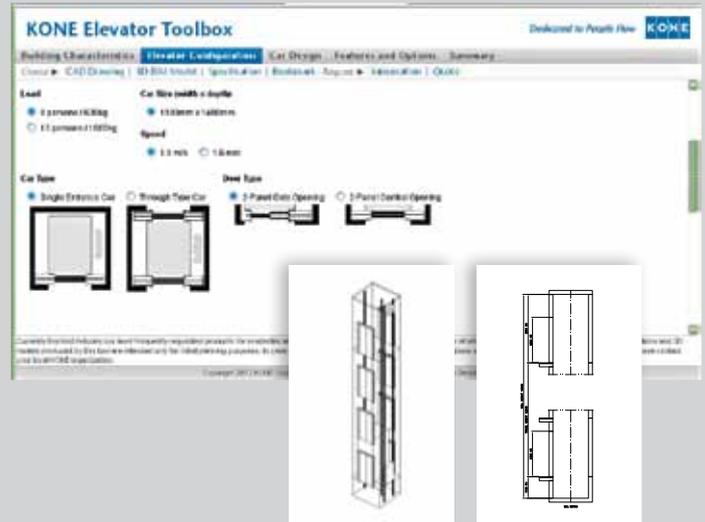
WORLD-CLASS DESIGN TOOLS

Take advantage of our easy-to-use tools for planning your elevators 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 elevator 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 elevator designs. Included in the elevator toolbox, these models are compatible with most common project documentation systems and include the latest KONE elevator specifications. Once your elevator design is ready, you can send the specifications direct to a KONE sales representative ready for tendering or ordering.

www.kone.co.uk



KONE Car Designer – now including new designs, materials, and accessories

- Create your own virtual elevator 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.

www.kone.co.uk

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® elevator 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.

- 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 elevator is stopped
- A 2-way communication system for **instant, 24/7 contact with KONE Customer Care Centre** in case of emergency

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 elevators operate and how to use an elevator safely.

KONE provides innovative and eco-efficient solutions for elevators, escalators, doors, loading bays and access. We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernisation. 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 UniDrive™, KONE MonoSpace®, KONE MaxiSpace™, and KONE InnoTrack™. You can experience these innovations in architectural landmarks such as 30 St Mary Axe and Broadgate and 201 Bishopgate buildings, BAA Terminal 5, Emirates Stadium, Brunel University, Citigroup, Jubilee Line and St. Georges Wharf.

KONE employs approximately 35,000 dedicated experts to serve you globally and locally in 50 countries.

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