

EOX RENEW

The eco-efficient and digital
elevator that boosts the
accessibility and value of your
existing building

EOX Renew

MEET EOX RENEW

EOX Renew is TKE's eco-efficient and natively digital EOX elevator platform, repackaged into an ultra-flexible and compact solution for existing buildings. It can replace any old elevator, or be easily added to a residential building seeking a mobility upgrade.

EOX Renew ensures accessibility for everyone, improves the quality of living for residents, and increases the value and attractiveness of your building.

EOX Renew at a glance

EOX Renew is the most compact and versatile member of TK Elevator's EOX product family of energy-saving and digital lifts.

Engineered for maximum flexibility and adaptability, EOX Renew is a dedicated full replacement and retrofit elevator. It can replace any outdated lift in the existing shaft, or be added inside or on the exterior of buildings that were erected without a lift.

Designed and manufactured in Europe, EOX Renew is calibrated to help sustainably modernise our ageing cities, especially with regard to making older properties accessible and attractive for young families, ageing residents or anyone with limited mobility alike.

OVERVIEW

Elevator type	Machine room-less with belt technology regenerative drive
Layout	Rear or side cantilever for maximum shaft efficiency and flexibility
Loads	225 – 450 kg
Speed	1 m/s
Travel height	Up to 30 m
Number of stops	Up to 12 stops
Entrance types	Single entrance and double entrance 180° or 90°
Cabin design	Skinplate, powder-coated steel or stainless steel walls, custom cabin option
Door types	Side-opening with 2 panels, central-opening with 4 panels
Door opening width	600-900 mm in 50 mm steps
Door height	2000 / 2100 mm
Cabin height	2100 / 2200 mm



CONTENTS

2

Meet EOX Renew

21

Replacing your old elevator with EOX Renew

24

Adding EOX Renew to your existing building

29

Designing and planning your EOX Renew

45

Smart & reliably: How TKE will service your EOX Renew

Tools and more for EOX Renew



AR Visualiser web app

Visualise EOX Renew in and on your building with our free augmented reality app



Modernisation with TKE

We understand the life cycle of elevators and have been supporting mobility needs for more than 60 years



EOX RENEW REDEFINES THE ELEVATOR STANDARD

The EOX platform promises the latest energy-saving and digital technologies in vertical transport. To truly deliver all of that in one package, EOX Renew includes several features that used to be premium options in the residential segment.

The eco standards



Regenerative drive recaptures energy

When an elevator goes up empty or down fully loaded, it's in effect not accelerating, but braking. With older elevators all this braking energy just turns into heat. The regenerative drive of EOX Renew recaptures it to generate power which is fed back into the building grid for other electric consumers to use. This means: When your guests leave after a dinner party, the electricity for the hallway lighting essentially comes from their ride.



Unique eco-mode

All modern elevators have a stand-by mode that switches off components like the cabin lighting when the elevator stands idle. EOX Renew adds the eco-mode: Based on the building's traffic patterns, acceleration and speed are decreased during off-peak hours. It will happen ever so slightly that most passengers will only take notice through the icon in the cabin display.

The digital standards



Multimedia display with infotainment

All cabin operating panels for EOX Renew come with an integrated 7" multimedia display that informs and entertains. Besides the particularly readable cabin position and travel direction, it shows the local weather forecast and the latest news headlines. Through TK Elevator's customer portal it can also be set up to broadcast building-specific messages and up-to-date information.



"Swipe a ride" with your smartphone

Calling up the elevator cabin from your smartphone to make sure it is there when you arrive at the landing? With EOX Renew this is a standard-included feature. Residents select their start and target floor in TK Elevator's AGILE Mobile* app, and the call is immediately transmitted to the elevator. Verification is achieved by GPS location tag and optional QR code confirming the users proximity to the lift.

* The free TKE AGILE Mobile app is available for Android and iOS smartphones on the respective app stores.

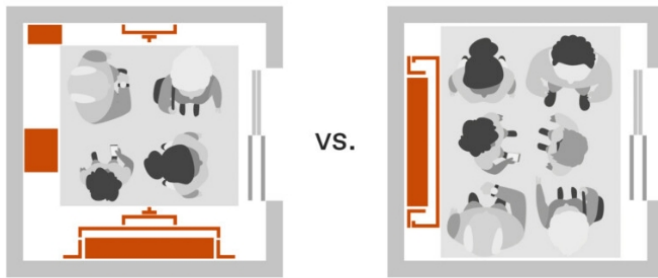


WHY EOX RENEW CAN FLEXIBLY ADAPT TO YOUR BUILDING

The recipe of EOX Renew is based on two main ingredients: The expertise and experience from more than 60 years of TK Elevator's history in designing and manufacturing elevators in Europe for Europe. And a fundamental understanding about the mobility needs in older buildings gathered from closely listening to our customers. The resulting product makes no compromise on the required flexibility and freedom of choice. Here's how:

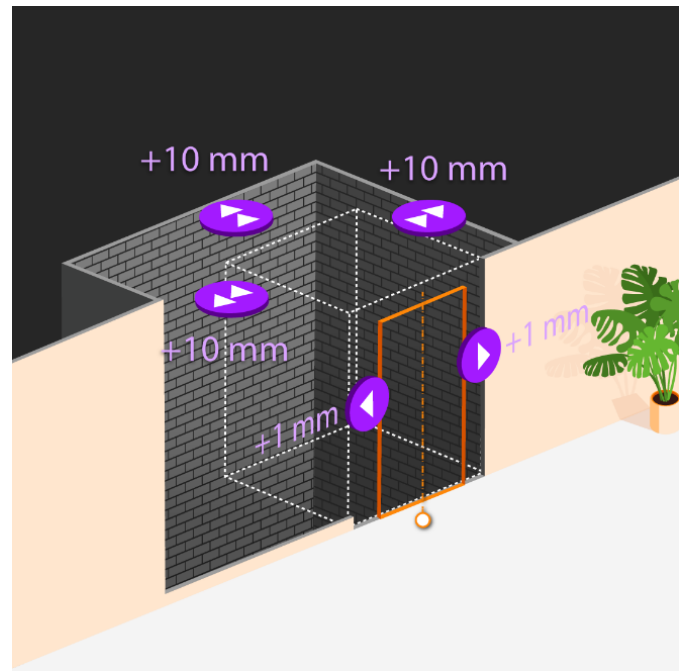
A perfect-fit design principle

EOX Renew makes use of a special elevator design principle called the “cantilever frame”. Instead of a cabin that is directly attached to the traction system and “towed” up and down via guiderails on two sides, the EOX Renew cabin sits on a carrier frame that “holds” it from underneath and requires guiderails only on one side.



For the “maximum flexibility” promise of EOX Renew this is a perfect fit:

- Cabin dimensions can be expanded in 10 mm steps
- The cabin door position can be moved in 1 mm steps
- Up to two doors can be placed around the three sides



Built-in freedom of choice



Entrance versatility

To take the best way through and up a building, EOX Renew literally opens all doors. Beyond the common single entrance and 180° double entrance with doors opposite each other, it also offers a 90° double entrance option. If your “route to mobility” has to go around the corner, EOX Renew will lead the way.



Variable fixtures positioning

All landing operating panels and indicators available for EOX Renew offer flexible positioning. They can be installed directly on the shaft door frame in the elevator landings, or be positioned on the surrounding wall. The first option is the most space-efficient and easiest to install, whereas wall placement is preferred when existing lead-through openings from a previous elevator can be used.



Unrestricted cabin layout

Unlike most standardised elevators, EOX Renew does not require cabin components like the operating panel, the handrail and the mirror to follow a certain placement logic. This way, double entrance cabins can always be configured to exactly match the needs for ideal passenger flow.

Space-saving engineering



Super-compact traction system

The question whether an elevator is a space saver or not, is answered behind the elevator cabin: in the shaft. There, EOX Renew manages to tightly arrange all the technical gear within a depth of just 25 centimetres, always leaving the majority of shaft space for the cabin.



Ultra-slim controller cabinet

The controller cabinets of old elevators are sometimes big enough to fill a room. The “elevator brain” of EOX Renew comes in a such a small cabinet, that finding a space or niche for it will not pose a challenge in any building.



EOX RENEW
BRINGS
SUSTAINABILITY
FULL-CIRCLE

Sustainability is an intrinsic part of EOX Renew.

On the one hand, it has all the green features you would expect from a modern elevator: Class A energy efficiency, produced at factories running on 100% green energy, a 28% reduction in energy consumption*, accurate and transparent energy consumption reports, and a regenerative drive that is capable of recouping energy while the elevator brakes.

On the other hand, EOX Renew brings new, modern accessibility to older buildings. By once again making them attractive and economically viable places to live and work, EOX Renew contributes to the long-term sustainability of neighbourhoods and cities.

Every single elevator retrofit and property refurbishment is another step toward prolonging the lifetime of these buildings, preserving their architectural integrity, and reducing the pollution caused by new build constructions.

* Based on current EOX Renew elevator (450kg, 6 persons, 12 m, 5 stops) vs. previous standard TKE elevator in the same segment



Acting today to build a sustainable future

TK Elevator's commitment to sustainable mobility has been growing strongly for years. Key sustainability criteria informed every step of the development of our EOX elevator platform, from reducing energy and resource consumption as well as lowering adverse environmental impact throughout the product life cycle.

Read more about our sustainability efforts on our website or directly download our comprehensive Sustainability Report.

Learn all about our ESG targets and achievements



www.tkelevator.com/global-en/sustainability/





Explore EOX Renew in 3D

Explore EOX Renew



1 Energy-efficient and ultra-smooth belt drive made in Germany

State-of-the-art belt drive technology engineered by TK Elevator and manufactured in Germany. The reduced stretch of the flat belts, together with a closed-loop variable frequency motion control, makes for outstanding levelling accuracy ($\pm 3\text{mm}$) and travel comfort.



2 Standard-included regenerative drive to recapture electricity

The small diminutive inverter, placed directly in the shaft head, reduces the overall energy consumption for propulsion of the cabin by converting the braking energy into electrical energy which is then fed back into the building's electrical grid.



3 Smart sensors supporting preventive maintenance and passenger safety

Amongst several detection sensors and safety circuits, EOX Renew also features an accelerometer in the door drive that collects data on speed and the vertical and horizontal movements of elevator door and cabin. Movement patterns are constantly analysed to anticipate potential incidents before they occur.



4 Slim and compact controller cabinet

The low voltage state-of-the-art controller is integrated in a size-reduced cabinet with flexible location positioning. It's easy to install and to integrate in the building, for example in the wall next to the top landing.



5 Cabin design with quality materials and large variety of wall colours

The broad design collection for EOX Renew includes durable and long-lasting wall finishes, various ceiling and mirror options, and the standard 7" multimedia screen in the cabin. It offers everything you need to elegantly integrate the new elevator into your building's look and feel.



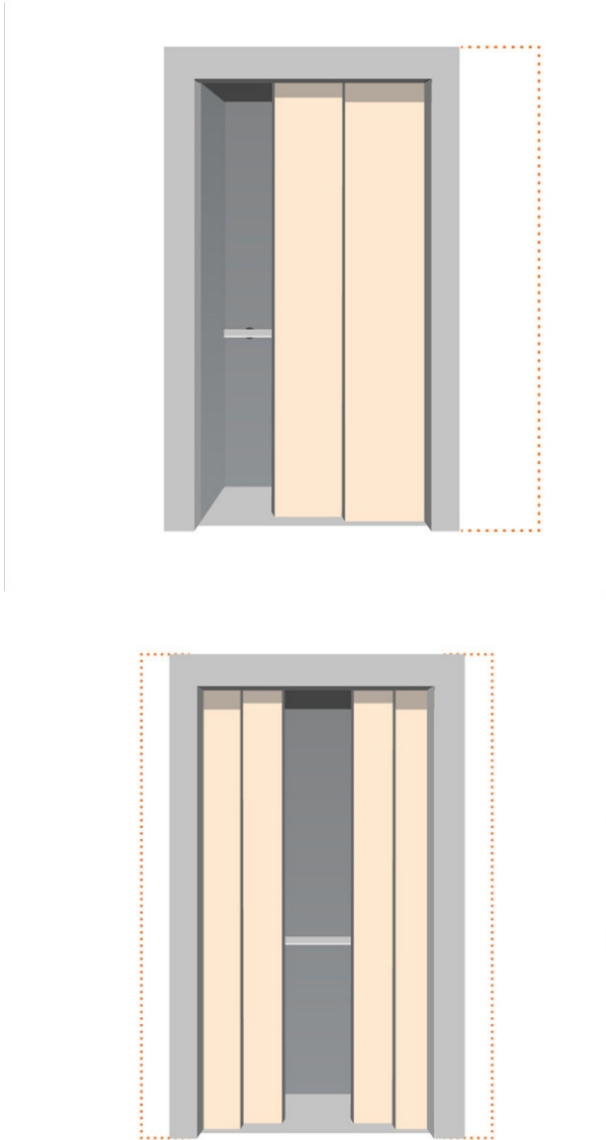
6 Space-saving cantilever design for maximum flexibility

EOX Renew features an ultra-compact cantilever frame design with cabin roller guides. Total flexibility in the positioning of the traction system, both on the rear wall and on the sides, allow the maximum utilisation of space even in the tightest conditions. All the mechanical components in the shaft (counterweight, guiderails etc.) are arranged on a depth of just 25 cm. The robust and compact, yet very manoeuvrable design, makes it easy to transport the elevator materials even when having to pass through narrow corridors.



7 Lateral or central opening doors with flexible positioning

Wide range of automatic doors of proven quality with side or central opening to adapt even to the most challenging configurations. Flexible positioning to the millimetre minimises the impact on the landing layout and allows the reutilisation of door openings when replacing an old elevator.



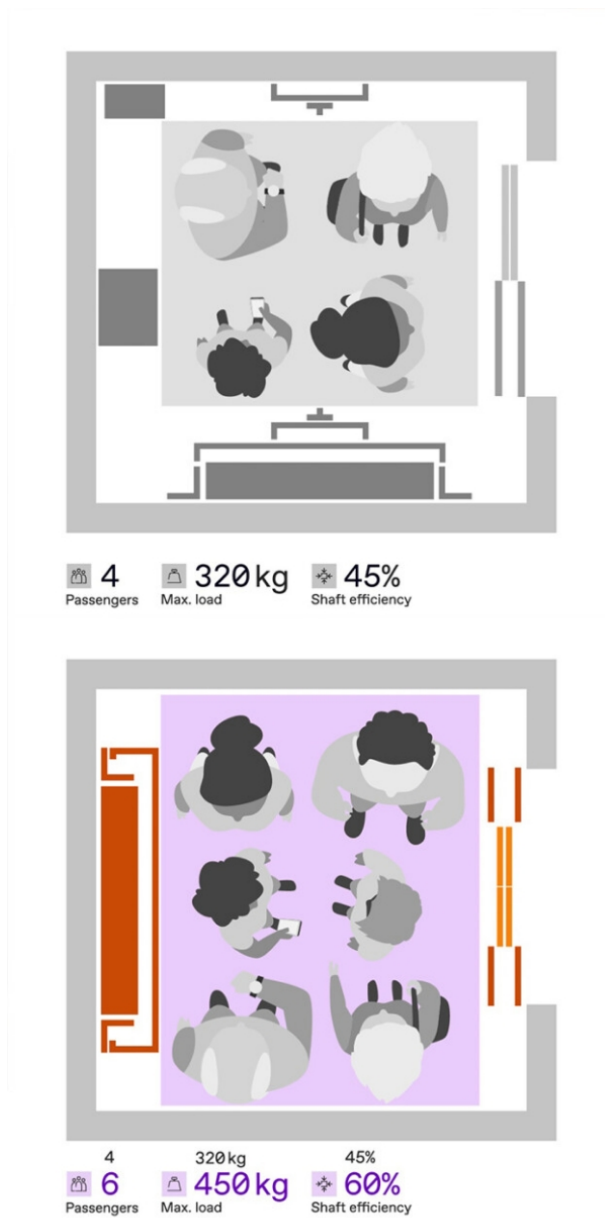
8 Broad choice of landing operating panels and indicators

The Series 30 landing operating panels and indicators offer a slim and sturdy design, ideal when space is limited on floor landings. The sleek and modern Series 50 holds more configuration options including an integrated display. Both series can be combined with the stainless steel Moon series COPs with 7" multimedia display as standard.



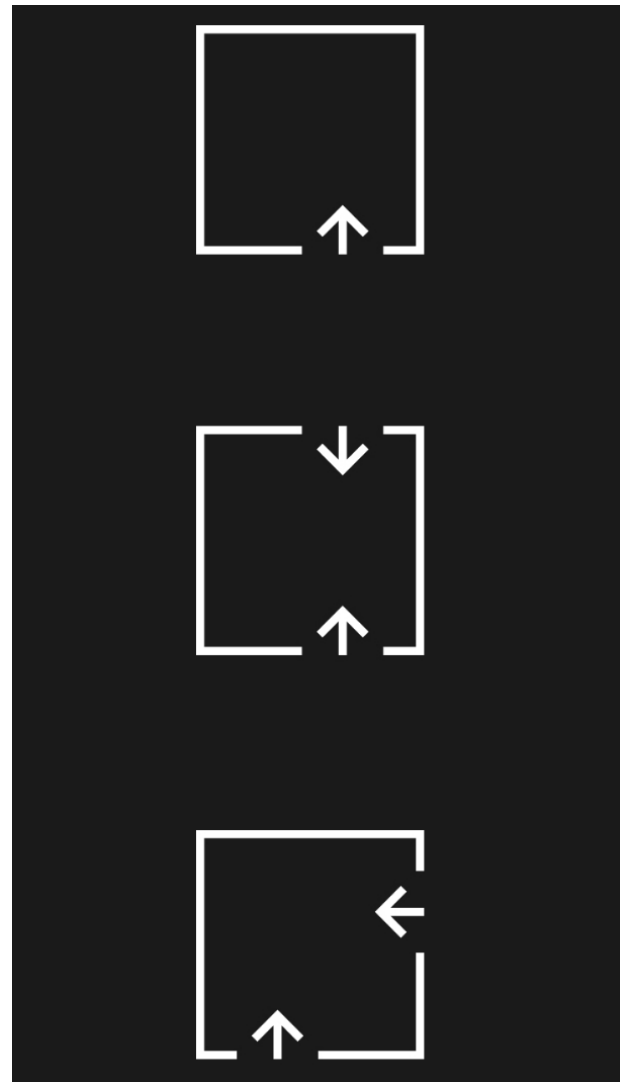
9 Superior shaft efficiency achieves larger cabins in same shaft

EOX Renew's ultra-compact design maximises the utilisation of the shaft space, fitting bigger cabins with up to double the number of passengers in existing shafts.



10 Full range of entrance configurations available: single, double 180° or 90°

Maximum entrance versatility to solve even the most complex architectural accessibility challenges thanks to the option of double entrance at 180° or "around the corner" 90°.



11 Quick and easy to install with TKE's scaffoldless method

With our certified scaffoldless installation method, the cabin structure is used as a working platform to safely climb the elevator shaft while installing the elevator components. The compact, modular and light design with pre-assembled components, together with the careful site preparation of TK Elevator's expert installers, will achieve renewed accessibility in your building in less than two weeks.





REPLACING YOUR OLD ELEVATOR WITH EOX RENEW

While we believe in long product lifecycles and doing everything we can to extend the lifetime of existing elevators with preventive maintenance, timely repairs and thoughtful modernisation, eventually the time comes to say goodbye. When that happens, EOX Renew steps in. It doesn't just deliver on replacing your lift, it considerably improves the entire mobility experience of the building.

What's in it for you?



Larger cabin

Replacing an old elevator with EOX Renew will almost always result in an increase of cabin space and capacity.



Safe doors

New automatic doors operate smoother, more reliable and safer due to a collision-preventing light curtain.



Smooth access

Perfect landing accuracy avoids tripping hazards when entering or exiting the cabin.



Increased value

The reliability of a modern elevator plus EOX Renew's eco-friendly and digital benefits are a win for any building.



Extra room

Because EOX Renew does not require a machine room, you're free to repurpose the one from your old elevator.



Modern fixtures

New operating panels feature tactile or braille push buttons, visual and acoustic input acknowledgement etc.



Code-compliance

EOX Renew complies with the latest elevator accessibility and safety regulations, and will do so for many years.



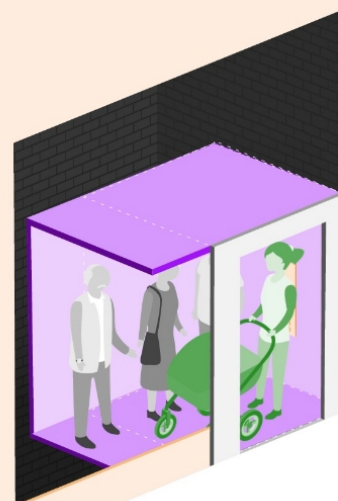
Turnkey solution

TKE's extensive experience and EOX Renew's quick delivery and installation time guarantee peace of mind.

Space makes all the difference

EOX Renew is designed to use every centimetre of available shaft space to the benefit of cabin space for passengers. Whereas the chunky mechanical components of old elevators often inhabit more than half of the shaft, EOX Renew will always leave a majority for the cabin. First, because of its space-saving arrangement of the shaft equipment. And second, because its adjustable cabin dimensions will then fill even the last available gap.

In typical cases and under real-life circumstances replacing an elevator with EOX Renew will result in an up to 50% bigger cabin. By the numbers, this means that one or two additional passengers can join a ride. However, for some buildings it will signify a major accessibility upgrade, because their elevator is suddenly capable of comfortably transporting an entire family including a baby's pushchair, or a person in a wheelchair.



4
Passengers

320 kg
450 kg
Max. load

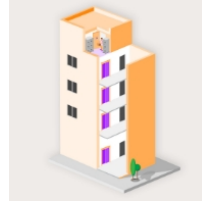
45%
60%
Shaft efficiency

How does replacing an elevator work?



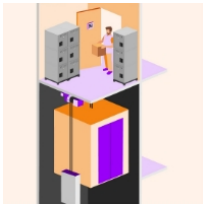
1 | Planning, scheduling and disassembly

Your TKE project team will guide you through the configuration of your elevator. A detailed schedule will be created in close coordination with all parties involved (e.g. civil works contractors). When everything is in place with the site prepared and secured, the first task is to disassemble the old elevator. We will start inside the shaft and end with the doors to ensure noise and dust protection.



2 | Installation, commissioning and handover

Once the shaft is empty and prepared, installation of your EOX Renew replacement elevator will commence. TK Elevator's certified scaffoldless installation method and a high degree of pre-assembly will guarantee quick and safe progress. When all is done perfectly in time and thoroughly tested, the elevator will be officially commissioned and handed over to you and the building's residents.



3 | New mobility and an additional room

Your new elevator will delight your residents with comfortable, efficient transport and superior reliability. Well-maintained by TK Elevator's experienced technicians, it will quickly become a natural part of the building. So will the former machine room that is now empty and awaiting a new life, because EOX Renew's components are all neatly tucked away elsewhere...



Did you know?

There are often government subsidies to promote the new installation or renovation of elevators in existing buildings. It may be possible to obtain up to 100% financing with favourable terms and payment plans staggered over time, thereby minimising the economic impact of upgrading your building's accessibility. Get in touch with your TKE contact to learn more about current programmes and your options.



ADDING EOX RENEW TO YOUR EXISTING BUILDING

Older buildings retrofitted with an elevator experience an immediate improvement in accessibility for all residents. And if that's not enough, they can also see a substantial increase in the value of their property.

What's in it for you?



Accessibility for everyone

Adding an elevator means creating a level path through the entire building and enabling residents to reach all floors – on foot or the wheels of their personal mobility aid



Flexibly integrating

EOX Renew is designed to flexibly adapt to your buildings architecture and follow your floor plans, integrating seamlessly without requiring an extensive makeover



Small-footprint solution

Thanks to its space-saving design and adjustable cabin sizes, EOX Renew makes the most of the available space. The smallest configuration stands on just 1.5 m²



Boost of overall property value

Buildings that received an elevator upgrade are proven to be much more valued and cared for by residents – and also by the real estate market with a premium of up to 40%





Where can EOX Renew be placed?



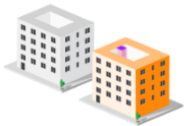
Inside, through the staircase

There are not a lot of areas in a building where one can go from ground to top without running into lots of construction headaches. Therefore, the stairwell eye is usually the most suitable candidate to erect EOX Renew on the inside. Adaptations to reduce step width are not uncommon, and often sound more complicated than they are. Fortunately, the tiny staircase was generally not a big trend among historic architects in Europe.



Externally, on the front façade

The choice to add an elevator on your building's front can be an architectural statement and an economic decision at the same time. Provided that space is available and construction of a concrete, brick or glazed metal shaft permitted, the spot on the façade comes with many advantages such as the option of a true street level ground floor landing, but also can quite often require a staircase remodel to match with the new elevator landings.



Externally, in a courtyard

If your building happens to feature a secluded interior courtyard, consider this a preferable option, because it is less exposed to wind and weather and construction permits are easily secured. In an ideal world, there's also a yard-facing row of windows from a common area that is just waiting to be converted into elevator landings. What's left then, is literally to just put up a shaft for EOX Renew.



Did you know?

There are often government subsidies to promote the new installation or renovation of elevators in existing buildings. It may be possible to obtain up to 100% financing with favourable terms and payment plans staggered over time, thereby minimising the economic impact of upgrading your building's accessibility. Get in touch with your TKE contact to learn more about current programmes and your options.

Visualise EOX Renew in and on your building

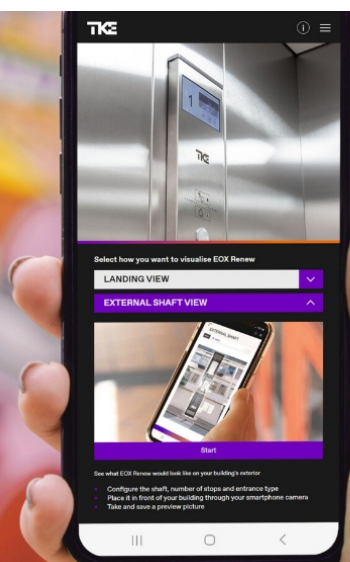
Our free AR Visualiser web app enables you to create a visualisation of an EOX Renew elevator in or on your building through augmented reality via your iOS or Android smartphone camera.

You can create and save preview pictures of the elevator cabin in an interior landing or an elevator shaft outside on the façade, and see what your building would look like with EOX Renew.

EOX Renew AR Visualiser



visualise-eox-renew.tkelevator.com





DESIGN AND PLAN YOUR EOX RENEW



Cabin design

EOX Renew is a testament to the adage that form follows function. The cabin design is a combination of the high-quality materials that TKE is known for, coupled with no-nonsense style and an emphasis on safely meeting your existing building's accessibility needs.

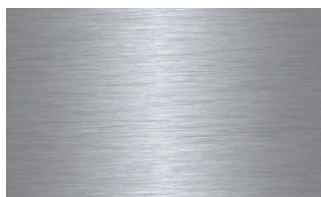


Cabin design essentials

Not sure which cabin design would best fit your building? We've got you covered. Get started by checking out the range of cabin wall finishes and components.

Cabin wall materials

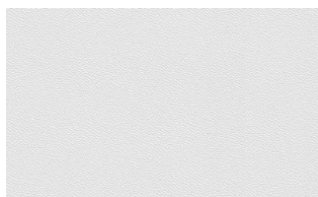
Choose between classic stainless steel, sturdy coated steel skinplates and quality powder coatings.



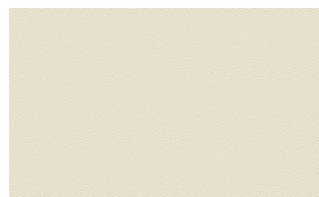
Stainless Steel (brushed Gr220D, ferritic)



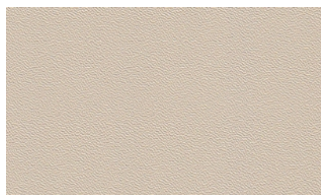
Stainless Steel Linen (AISI 304, austenitic)



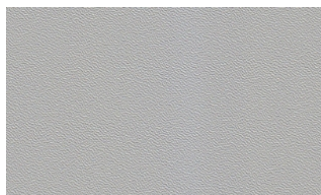
A1 Skinplate (approx. RAL 9003)



A4 Skinplate (approx. RAL 9010)



A13 Skinplate (approx. RAL 1013)



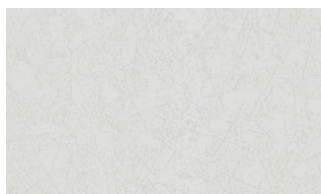
N1 Skinplate (approx. RAL 7035)



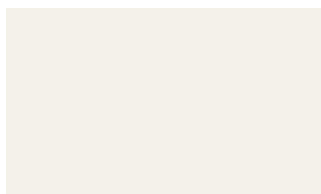
F12PPS Skinplate (metal look)



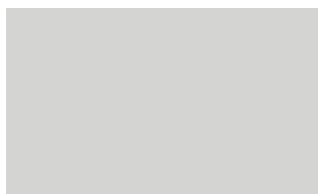
PPS1 Skinplate (base colour approx. RAL 7035)



PPS10 Skinplate (base colour approx. RAL 9003)



Powder coating RAL 9010



Powder coating RAL 7035



Powder coating RAL 7016



Powder coating RAL 7001



Powder coating RAL 5024



Powder coating RAL 1015

Standard cabin lighting

Energy-efficient LED-lighting on white coated structural cabin ceiling



LED Plate

Suspended ceilings

False ceiling in powder-coated white steel with integrated LED lighting



Steel Lightbox / white



Steel Grille / white

Vandal-resistant ceilings

Unibody stainless steel suspended ceiling with integrated LED Plate



Steel Lightbox



Steel Grille

Handrails and skirting

Handrails for the wall opposite the COP. Lower skirting for additional wall protection and coverage of joints.



Standard stainless steel brushed handrail with straight endings, 40 mm diameter



Optional EN 81-70 stainless steel brushed handrail with curved endings, 40 mm diameter



Stainless steel brushed slim-profile skirting

Mirrors

Safety glass mirrors (3 mm), surface mounted with aluminium profile across entire mirror width.



Partial width and height¹

Full width and height (EN 81-70)²

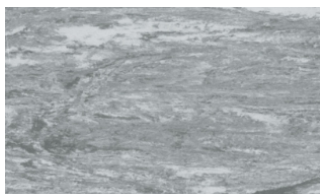
1. For rear wall and double entrance side wall
2. For rear wall only

Flooring

High resistance vinyl (3 mm) with easy-to-clean treatment or custom floor (recess of ≤ 30 mm, max. 60k/m²)



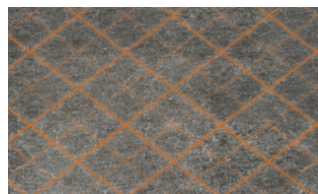
White 8500



Graphite 9120



Sand 9180



Customer-supplied flooring

Custom cabin for your own design

If you are looking for maximum individualisation of your EOX Renew cabin design, you can optionally order a “raw” cabin with galvanised steel structural walls to then apply and install your own custom cabin design:

- wall decor
- mirror
- skirting
- handrail
- flooring

Please consider that some restrictions may apply in regards to materials used, the added weight to the cabin etc. Your TK Elevator sales representative will gladly advise you on the technical requirements and assist in the realisation of your custom cabin design.



OPERATING PANELS AND INDICATORS

EOX Renew comes equipped with operating panels and indicators from TK Elevator's Series 30 and Series 50 cabin landing fixtures, including an enhanced version of the Light Moon and Moon cabin operating panels with a 7 inch multimedia display.

All surfaces are stainless steel, including the frontplates of the buttons. Essentials for barrier-free accessibility, such as tactile button symbols and acoustic signals, are already included.



A transformed passenger experience

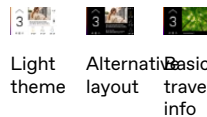
Previously reserved for the comfort and premium segment, EOX Renew now establishes the in-cabin multimedia display as an entry level standard for the everyday elevator. In addition to its main job of telling passengers where the elevator is going, the 7 inch TFT screen features a news widget with the headlines of the day and the local weather forecast.

All cabin operating panels available for EOX Renew come with this vibrant screen that transforms the way passengers experience an elevator ride in your buildings.



Configurable themes and layouts

The display can be configured with a light theme, alternative layouts or without infotainment widgets, showing just the travel information.



Cabin Operating Panels



Light Moon

The compact Light Moon cabin operating panel impresses with a no-nonsense design and clear functionality focus. The visual highlight is the standard 7 inch TFT multimedia display. On the brushed stainless steel panel up to 11 buttons, including auxiliary buttons, can be accommodated. All DB buttons feature tactile symbols and/or Braille lettering. For EN 81-70-conforming accessibility, there is visual and acoustic confirmation for button inputs as well as a voice synthesiser for travel and floor announcements. The emergency cabin lighting is included on the panel. Dimensions are 950×190×31 mm.



Moon

The Moon cabin operating panel offers space for up to 18 push-buttons, including auxiliary buttons or key switches, on a brushed stainless steel frontplate with an integrated 7 inch TFT multimedia display. With tactile symbols and/or braille lettering on the standard DB buttons, visual and acoustic passenger input acknowledgement, integrated emergency lighting, as well as a voice synthesizer for travel and floor announcements, the Moon COP fulfills the EN 81-70 accessibility requirements. Dimensions are 1055×214×33 mm.

Push buttons

Available for Light Moon are DB series with stainless steel silver faceplate. Additionally available for Moon are the stainless steel, vandal-resistant VB series.



Series 30 landing fixtures



LOP 31

The slim LOP 31 landing operating panel measures just 65×160×21 mm and comes with a unibody stainless steel enclosure. It is surface-mounted on the landing door frame or on the wall, and features TK Elevator's tried and tested DB buttons with tactile symbols and stainless steel frontplates. In addition to the white confirmation light of the buttons, there's also an acoustic acknowledgement with adjustable volume levels.



LID 31

LID 31 combines the stainless steel unibody enclosure of the LOP 31 panel and the illuminating arrows of LIDC 31 into a landing direction indicator, surface-mounted on the landing door frame or the wall. It informs passengers awaiting the elevator about its current travel direction.



LIDC 31

The LIDC 31 landing direction indicator is elegantly integrated into the door portal of the cabin, travelling with the elevator. It signals the current direction to passengers by illuminating its 40 mm-high up and down arrows, visible inside the cabin and to passengers on the landing upon arrival of the elevator. There's also an integrated gong sound that indicates the travel direction to passengers acoustically.

Push buttons

Available for Series 30 are DB series with stainless steel silver faceplate, and the stainless steel, vandal-resistant VB series.



Series 50 landing fixtures



LOP 51

With its brushed stainless steel faceplate and black polycarbonate enclosure the LOP 51 forms the basis of TK Elevator's modular Series 50 operating fixtures. The surface-mounted landing operating panel fulfills all EN 81-70 requirements from the button luminance contrast to the acoustic input acknowledgement with adjustable volume level. Standard-equipped with round DB push-buttons, it can also be configured with (euro) key switches. Dimensions are 91×171×19 mm.



LOP 52

LOP 52 extends the base panel with an additional module below that can accommodate either a single (euro) key switch or a push-button that can be used for special access functions. Dimensions are 91×261×19 mm.



LOP 53

LOP 53 extends the base panel with a display module on top. The glass-covered 3,5" TFT screen shows the position and travel direction of the elevator. Dimensions are 91×261×19 mm.



LOP 50

LOP 50 simply does it all by combining the base panel with the keyswitch/button extension below, and the 3,5" TFT display module on top. Dimensions are 91×350×19 mm.



LIP 50

The LIP 50 landing indicator panel is surface-mounted on the door lintel or wall, informing passengers of the current floor level position and travel direction of the elevator via two illuminating arrows and a TFT display. Black glass front with polycarbonate enclosure. LIP 50 is available only for the main landing. Dimensions are 260×91×19 mm.



LID 50

The LID 50 landing indicator shows the current travel direction of the elevator with arrow LEDs. It's surface mounted on the door frame or wall. Black glass front with polycarbonate enclosure. Dimensions are 91×101×19 mm.

Push buttons

Available for Series 50 are DB series with stainless steel silver faceplate, and the stainless steel, vandal-resistant VB series.



Features and options I

- Standard
- Option

ENERGY EFFICIENCY	
Regenerative drive	●
LED cabin and shaft lighting	●
Standby-mode	●
Eco-mode	●
Energy consumption report via customer portal *	●

DIGITAL FEATURES AND SERVICES *	
Integrated digital hardware with IoT-enabled and AI-ready high-performance computing unit	●
Customer portal access with administrative information and basic IoT performance data overview	●
Notifications and alerts (self-service)	●
In-cabin infotainment with news and weather widget	●
Predefined layouts and themes for multimedia display	●
Monitoring dashboard	○
API-connectivity	○
Over-the-air updates for digital services	●

LAYOUT	
Machine room-less	●
Side or rear cantilever	●
Double entrance 180°	○
Double entrance 90°	○
Controller in cabinet at top landing, close to landing door	●
Controller in cabinet at any landing, up to 20 m from landing door	○
Flexible cabin dimension in 10 mm steps	●
Side opening doors	●
Central opening doors	○
Flexible door width in 50 mm steps	●
Flexible door positioning in 1 mm steps	●
Guide rail length 2500 mm	○

SAFETY, MAINTENANCE & REGULATIONS	
In-cabin optical sensor	●
Accelerometer in door drive	●
Automatic evacuation to next landing	●
Automatic evacuation to next landing (with UPS)	○
Advanced troubleshooting for TKE service technician *	●
Remote intervention by TKE service operator **	●
Light curtain protection	●
Emergency lighting in cabin 1 h	●
VoIP-based digital emergency call system	●
Non-digital emergency call system	○
Two-way intercom	●
Water sensor in pit	○
Codes & standards	
Doors fire rating E-120	●
Doors fire rating EW-60	○
Doors fire rating EI-60	○
Doors fire rating EI-120	○
EN 81-20/50, Lifts construction and components testing	●
EN 81-28, Emergency call system	●
EN 81-70 A1, Accessibility to lifts (partially)	●
EN 81-71, Vandal resistant, partially Category 1	○
EN 81-73, Fire evacuation (external signal only and manual recall)	○
EN 81-77, Seismic, Category 0	●

* Provision of all digital (software) services is dependent on an active maintenance contract with TK Elevator.
 ** Please confirm the availability of this feature in your region with your TK Elevator sales representative.

The details quoted on this page can only be viewed as binding when confirmed expressly in writing.

Features and options II

- Standard
- Option

COMFORT	
Accessibility	
Door open/close and alarm push button	●
Big push buttons with Braille lettering (COP)	●
Round green frame in main floor push button	●

Adjustable sound level (35-65 dBA)	●
Luminance contrast in fixtures	●
Voice announcement	●
Access Control	
Elevator calls with AGILE Mobile app (GPS, QR) *	●

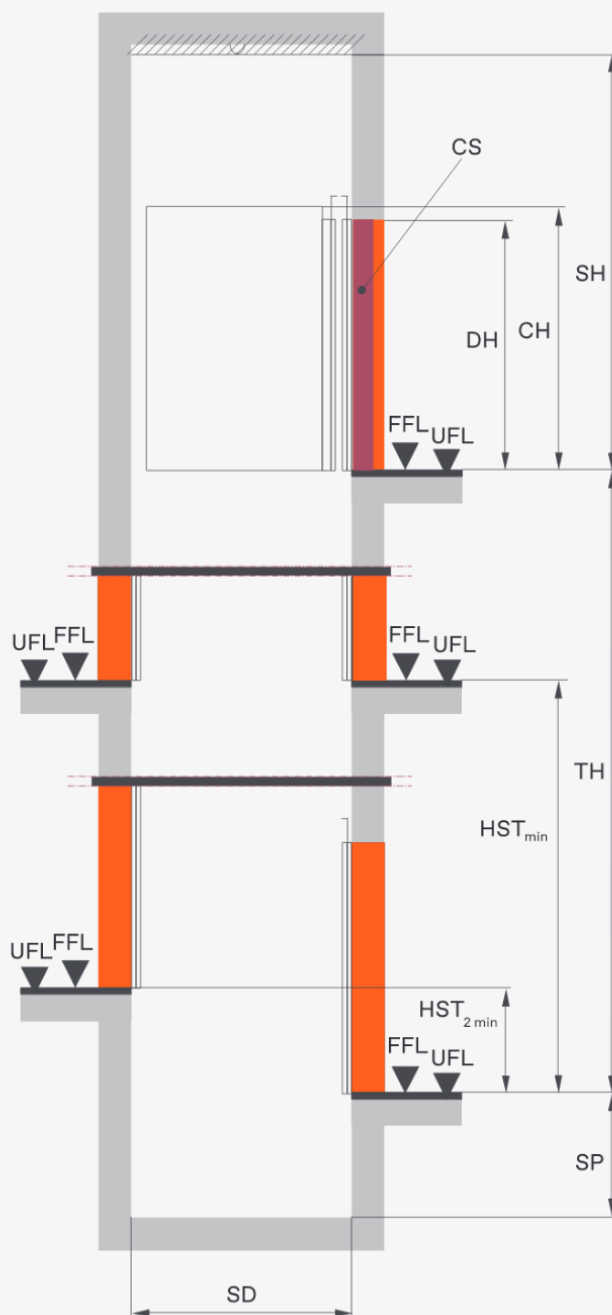
Shaft layout

The values shown correspond to a generic installation. During the planning phase, all applicable regulations stipulated by relevant notified bodies and all applicable national regulations should be considered. Please consult with TK Elevator for guaranteed dimensions for your project. Additional rated loads and dimensions are available upon request.

Values	
SD / SW	see dimensions page
SH	3400 mm
SP	min. 900 – 1200 mm
TH	max. 30 m / min. 2900 mm
HST	min. DH + 520 mm
HST2	min. 500 mm
CH	2100 / 2200 mm
DH	2000 / 2100 mm
DW	600 – 900 mm
Entrance	Single entrance Double entrance 180° or 90°
Doors	L2, side-opening with 2 panels C4, central-opening with 4 panels

Key	
SD	shaft depth
SW	shaft width
SH	shaft head
SP	shaft pit
TH	travel height
HST	min. height between floors
CH	cabin height
CW	cabin width
CD	cabin depth
DH	door height
DW	door width
FFL	finished floor level
UFL	unfinished floor level

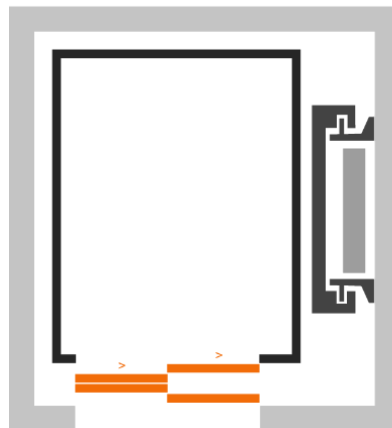
Note: Shaft dimensions with standard tolerance of ± 25 mm on each side.



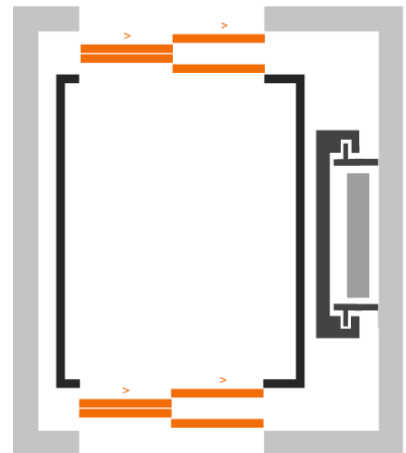
Door types and entrance configurations

Key

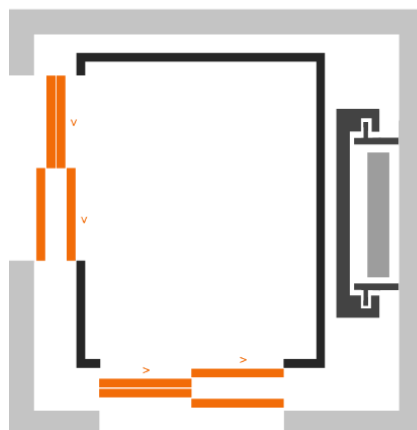
L2	Side-opening door with 2 panels
C4	Central-opening door with 4 panels
S	Single entrance
D180	Double entrance at 180°
D90	Double entrance at 90°



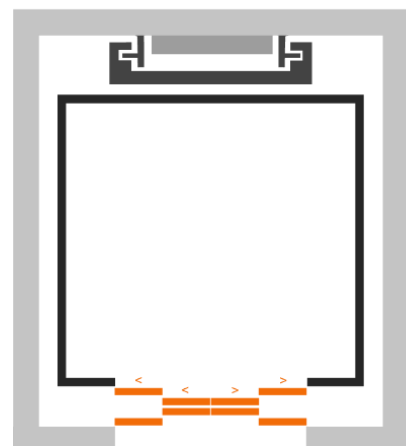
L2 / S



L2 / D180



L2 / D90



C4 / S

Dimensions

System					Cabin		Door				Shaft			
Rated Load	Passengers	Speed	Travel height	Cantilever position	Width x depth	Cabin height	Entrance	Door type	Door width	Door height	Shaft width	Depth, door in recess	Depth, door partially in shaft	Depth, door in shaft
kg	Nº	m/s	≤m	SC/RC	mm x mm	mm	S/D	L2/C4	mm					
225	3	1.0	30	SC/RC	750×860	2100-2200	S	L2/C4	600	2000-2100				
225	3	1.0	30	SC	750×860	2100	S	L2	600	2000	1140	1110	1215	1260
225	3	1.0	30	SC/RC	860×750	2100-2200	S	L2/C4	600-650	2000-2100				
225	3	1.0	30	RC	860×750	2100	S	C4	600	2000	1135	1205	1310	1355
320	4	1.0	30	SC/RC	900×1000	2100-2200	S	L2/C4	600-700	2000-2100				
320	4	1.0	30	SC	900×1000	2100	S	L2	700	2000	1290	1250	1355	1400
320	4	1.0	30	SC/RC	1000×900	2100-2200	S	L2/C4	600-750	2000-2100				
320	4	1.0	30	RC	1000×900	2100	S	C4	700	2000	1185	1355	1460	1505
375	5	1.0	30	SC/RC	1000×1000	2100-2200	S	L2/C4	600-750	2000-2100				
375	5	1.0	30	SC	1000×1000	2200	S	L2	750	2000	1390	1250	1355	1400
				RC				C4	700		1185	1455	1560	1605
450	6	1.0	30	SC/RC	1000×1250	2100-2200	S	L2/C4	600-750	2000-2100				
450	6	1.0	30	SC	1000×1250	2100	S	L2	750	2000	1390	1500	1605	1650
450	6	1.0	30	SC/RC	1300×1000	2100-2200	S	L2/C4	600-900	2000-2100				
450	6	1.0	30	RC	1300×1000	2100	S	C4	900	2000	1485	1455	1560	1605

SC: Side cantilever

RC: Rear cantilever

S: Single entrance

D180: Double entrance at 180°

D90: Double entrance at 90°

L2: Side-opening door with 2 panels

C2: Central opening door with 4 panels

SD: Shaft depth

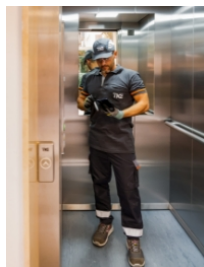
Note: Shaft dimensions with standard tolerance of ± 25 mm on each side. For dimension regarding **double entrance configurations** (180° or 90°) or **reduced shaft tolerances** please contact your TK Elevator Sales representative.



HOW TKE WILL SERVICE YOUR EOX RENEW

Over 25,000 service technicians across 1000 branches worldwide give us the benefit of learning from experience and expertise on a volume scale, while delivering the advantages as locally as possible. Your EOX Renew will always be serviced by a trusted technician familiar with your building, closely supported by one of our branches near your location, and backed by a global network of service experts and state-of-the-art digital tools.

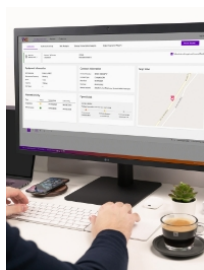
Trained experts and the power of the cloud



Our technicians undergo rigorous technical and safety training to make sure they can keep your elevators running reliably and safely. And they're ably assisted with advanced troubleshooting diagnostics made possible by our cloud-based maintenance solutions.



What's more, EOX Renew's smart sensors calculate the remaining lifetime of its components and schedules maintenance visits in advance, thus reducing unplanned elevator downtime. In the event that something needs to be replaced, we help keep inconvenience down to a minimum thanks to our robust spare parts availability.



We believe that we can deliver the best value for you – but you don't just need to take our word for it. With EOX Renew, you can check on the status and performance data of our elevator via your very own customer portal.* Whether it's information on the number of trips taken, accurate energy consumption reports, or when our service technician last paid a visit, it's all available at your fingertips.

* Note: availability and scope of features and services may vary depending on country of residence.



About TK Elevator

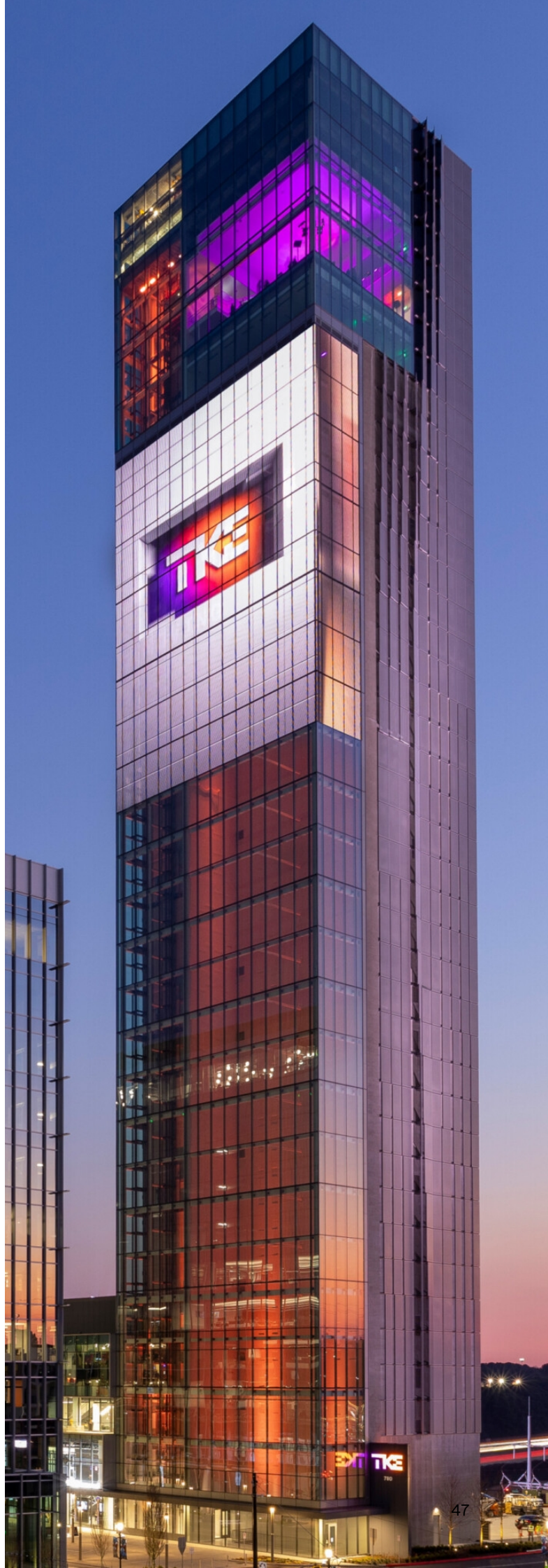
We are elevator people. Striving to move the world. Known for a passion for technology with service at the heart of our business.



Over the past decades, TK Elevator has established itself as one of the world's leading elevator companies and became independent after its sale by thyssenkrupp AG in August 2020. To our customers in over 100 countries we provide an extensive service network that guarantees close proximity, with more than 1,000 locations and over 50,000 employees. TK Elevator's most important business line is our multi-brand service for mobility solutions represented by over 25,000 service technicians.

Our new installation product portfolio ranges from commodity elevators for residential and commercial buildings to cutting-edge, highly customised solutions for state-of-the-art skyscrapers. What's more, it also consists of escalators and moving walks, passenger boarding bridges, stair and platform lifts. Integrated cloud-based service solutions are gaining in importance. These digital offerings mean there are no longer any limits to urban mobility.

TK Elevator. Move beyond.





VIEW THE INTERACTIVE DIGITAL VERSION OF THIS BROCHURE

EOX Renew digital product brochure en-EA v03/07/2024 Ext2
The details quoted in this brochure can only be viewed as binding when confirmed expressly in writing. Reproduction and storage only with authorisation of TK Elevator. Colours, options and specifications are subject to change. Provision of all digital (software) services is dependent on an active maintenance contract with TK Elevator. All cabin design and multimedia display options illustrated in this brochure are for illustrative purposes only. The samples shown may vary from the original in colour and material. Patterned samples are not to scale. Your TK Elevator contact will gladly provide you with real material samples.