

A photograph of a modern, glass-walled elevator car. The car is white with a light-colored floor. A control panel is visible on the left wall, featuring a digital display and several buttons. Above the car, a black sign with a white '0' and an upward arrow indicates the ground floor. The background shows a modern office interior with a green chair and a table.

EOX

The eco-efficient elevator
that adds value to your
buildings

EOX ADDS VALUE TO YOUR BUILDINGS

EOX is all you expect from a standard elevator – and beyond. It brings premium specs to the entry level standard and contributes to energy efficiency and the reduction of your carbon footprint. EOX will keep your building reliably in motion and make everything about vertical mobility more convenient and efficient.

OVERVIEW	
Elevator type	Machine room-less with belt technology, made in Europe
Applications	Residential and low-rise commercial buildings
Load	450 / 630 / 825 / 1000 / 1150 / 1275 / 1350 / 1600 kg
Speed	1.0 m/s 1.6 m/s 1.75 m/s
Travel height	Up to 40 m (1.0 m/s) Up to 75 m (>1.0 m/s)
Number of stops	Up to 20 stops
Cabin	Predesigned from design lines C, B or A incl. custom cabin option
Door types	Side-opening with 2 panels, central-opening with 2 or 4 panels
Door opening width	800 – 1800 mm
Door height	2000 – 2400 mm
Cabin height	2100 – 2500 mm
Energy efficiency	Regenerative drive Standby-mode and eco-mode
Passenger experience	In-cabin 7" or 10" display



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About TK Elevator



TK Elevator

EOX is developed and manufactured by one of the leading global brands of elevators and escalators

EOX AT A GLANCE

EOX keeps your building reliably in motion in the most safe and energy-efficient ways. It's also the fulfilment of TK Elevator's promise to bring premium features to the "everyday elevator" and boost sustainability and eco-efficiency in all building categories. EOX is our product with the broadest application scope and will fit your residential building as well as offices and hotels, public buildings like schools, healthcare facilities and hospitals.

Making premium specs a standard



Regenerative drive

Every EOX elevator recuperates electricity from braking and feeds it back into the building for other electricity consumers to use.



Colour display

The standard in-cabin screen is a 7" or 10" TFT, enriching the travel experience with colour and animation.



New eco-mode

The elevator adjusts to the traffic patterns of the building and lowers acceleration off-peak.

A refined elevator



Belt technology

The EOX powertrain is a state-of-the-art belt drive made in Germany. The machine features an ultra-compact design and operates gearless and frequency-controlled.



Controller in door jamb

The ultra-compact controller is integrated into the door jamb for easy access, requiring no extra cabinet or attention during shaft construction.



Extra-reduced shaft head & pit

EOX is optionally available with an extra-reduced shaft head to fit within standard room heights as low as 2500 mm. A reduced pit is also available.



Reduced system weight

A 630 kg, 5-stop EOX configuration is almost 300 kg lighter than TK Elevator's previous comparable offerings, requiring less energy to move the cabin.



Flexible cabin dimensions

The standard EOX cabin sizes can optionally be adjusted in 10 and 100 mm steps (load-dependent).



Safe and swift installation

EOX is installed with TK Elevator's scaffoldless installation method.



Code-compliant

EOX is manufactured to meet all industry standards and regulations, such as EN 81-20/50 and EN 81-70 A1.



A sustainable and energy-efficient product



Energy-saving features

In addition to the included VVVF regenerative drive, EOX features 100% LED lighting in the cabin and the shaft, and a Standby-mode that saves energy by automatically switching off components when the elevator is idle.



Sustainably made in Europe

EOX achieves Class A energy efficiency*. TK Elevator's European manufacturing centres, where EOX elevators are produced, source 100% green electricity, decreasing the product's carbon footprint. For our packaging we use FSC®-certified materials.



Full eco-transparency

The comprehensive documentation for the EOX product platform includes an Environmental Product Declaration (EPD) and various hazardous substances documents. For specific installations, BREEAM reports can be created.

* Class A certified reference elevators: 630 kg, 12 m travel height and 1000 kg, 32 m travel height, usage category 2 (125 trips per day). The energy efficiency rating of your EOX lift depends on the specific configuration, and the conditions as well as the traffic volume in your building.

View the EOX EPD®



www.environdec.com/library/epd8258





EOX CABIN DESIGN



Comparison overview of design lines

	Design line C	Design line B	Design line A
	available materials, options and compatibility	available materials, options and compatibility	available materials, options and compatibility
Cabin wall materials			
Stainless steel	✓	✓	
Skinplate (coated steel)	✓		
Melamine wood look		✓	
Colour laminate (glossy)		✓	
Wood finish laminate		✓	
Coloured safety glass			✓
Mirrors			
Mirror options for rear and/or side wall	3	5	5
Cabin without mirror	✓	✓	✓
Ceilings			
LED Plate	✓	✓	
Suspended ceilings		✓	✓
Vandal-resistant ceilings	✓	✓	✓
Handrail and Skirting			
Handrail types and finishes	2	2	2
Placement of handrail(s)	on 1 or 3 walls	on 1 or 3 walls	on 1 or 3 walls
Cabin without handrail	✓	✓	✓
Skirting types and finishes	1	1	1
Flooring			
Standard vinyl floor designs	4	4	4
Customisation options			
Custom flooring	✓	✓	✓
Custom ("naked") cabin for own design		✓	
Cabin operating panels compatibility			
Moon	✓	✓	✓
IL Variable	✓	✓	✓
Edge		✓	✓
IL Variable with black glass frontplate		✓	✓
Landing operating panels and indicators compatibility			
Series 30	✓	✓	✓
Series 50	✓	✓	✓
Enhanced accessibility configurations			
Second vertical COP (Edge or IL Variable)	✓	✓	✓
XL Horizontal COP	✓	✓	✓
XL LOP	✓	✓	✓

Design line C



For functional buildings

Clean design, attractive and durable materials used throughout the cabin



Long-lasting wall finishes

Full stainless steel or coated steel skinplate walls for maximum longevity



Streamlined choice

Design line C combines reliability and affordability – the essences of functionality



Design line C predesigned cabins

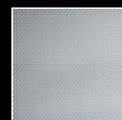
ST = stainless steel, SK = coated steel skinplate



Stainless steel



C30-ST01 Stainless steel brushed

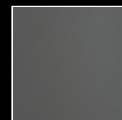


C32-ST02 Stainless steel Linen

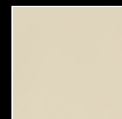
Skinplate



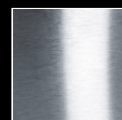
C20-SK01 White Skinplate



C21-SK04 Grey Skinplate



C22-SK02 Beige Skinplate



C23-SK07 Steel look Skinplate

Predesigned Cabin C30 with ST01 stainless steel walls, white ceiling with LED Plate lighting, partial-width and partial-height safety mirror on rear wall, stainless steel handrail on side wall, anodised aluminium skirting, custom floor

Standard ceiling for Design line C cabins

White coated structural ceiling with energy-efficient LED lighting



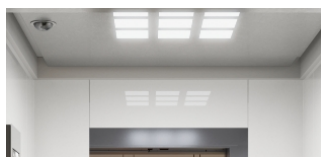
LED Plate (≤ 1000 kg)

Vandal-resistant ceilings available within Design line C

Unibody stainless steel suspended ceiling with integrated LED Plate. Variants with integrated trapdoor and optional ladder are available.



Steel Lightbox



Steel Grille

Handrail and Skirting

Handrails can be positioned on one or three walls. You can also order a cabin without a handrail.



Stainless steel brushed handrail



Dark Champagne handrail



Anodised aluminium skirting

Mirrors for Design line C cabins



Partial width / partial height¹

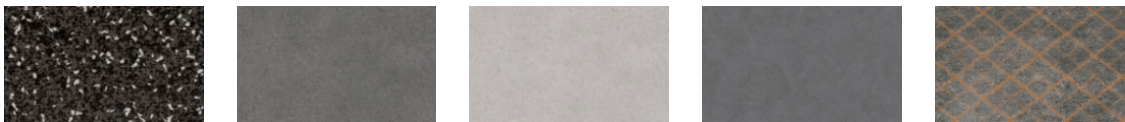
Upper and lower full width²

Upper full width only³

Cabin without mirror

1. On rear wall, surface mounted
2. On double entrance sidewall only, surface mounted
3. On double entrance sidewall only, surface mounted (does not conform with EN 81-70)

Flooring



Nature Black vinyl floor

Concrete Dark Grey vinyl floor

Concrete Light Grey vinyl floor

Esquissé Grey vinyl floor

Custom floor¹

1. Customer-supplied flooring with recess of ≤ 25 mm

Design line B



For the comfort segment

Visually and haptically pleasing materials, suspended ceilings for lighting effects



Colours and wood finishes

High-quality laminates in fresh colours and natural appeal wood finishes



Additional decoration layer

The wall decor forms a 2nd layer for better noise insulation and a flush mirror design



More combination possibilities

Design line B offers greater flexibility to adapt the cabin to your building's architecture





Design line B predesigned cabins










ST = stainless steel, LM-S = colour laminate (glossy), MW = melamine wood look, LW = laminate wood finish





Stainless steel

-  B70-ST01 Stainless steel
-  B72-ST02 Stainless steel Linen




Colour laminate

-  B50-LM01S Crystal White
-  B51-LM03S Pearl
-  B52-LM02S Folkstone
-  B53-LM08S Maui
-  B54-LM12S Levante
-  B55-LM05S Kashmir
-  B56-LM09S Amarena
-  B57-LM06S Dark Chocolate
-  B58-LM07S Diamond Black


Melamine wood look

-  B60-MW01 Majestic Acacia
-  B61-MW02 Moon Cherry

Laminate wood finish

-  B65-LW02 Natural Cane
-  B66-LW03 Rattan Cane
-  B67-LW07 Burnt Strand

Customisation option

-  B90 custom "naked" cabin

Predesigned Cabin B66 with LW03 Rattan Cane wood finish laminate walls, suspended ceiling Lightbox with LED lighting, partial-width and partial-height flush safety mirror on rear wall, stainless steel handrail on side wall, anodised aluminium skirting, custom floor

Standard ceiling for Design line B cabins

White coated structural ceiling with energy-efficient LED lighting



LED Plate (≤ 1000 kg)

Suspended ceilings available within Design line B

Polycarbonate white ceiling with stainless steel frame and integrated LED lighting



Lightbox



Grille

Vandal-resistant ceilings available within Design line B

Unibody stainless steel suspended ceiling with integrated LED Plate. Variants with integrated trapdoor and optional ladder are available.



Steel Lightbox



Steel Grille

Handrail and Skirting

Handrails can be positioned on one or three walls. You can also order a cabin without a handrail.



Stainless steel brushed handrail



Dark Champagne handrail



Anodised aluminium skirting

Mirrors for Design line B cabins / single entrance

All mirrors are flush mounted.



Partial width / partial height



Full width / mid height¹



Full width / full height²



Cabin without mirror

1. With handrails on all 3 walls only. Rear wall handrail placed on aluminium profile
2. With handrails on all 3 walls only. Rear wall handrail placed on aluminium profile

Mirrors for Design line B cabins / double entrance

All mirrors are flush mounted with handrail placed on aluminium profile.



Upper and lower full width



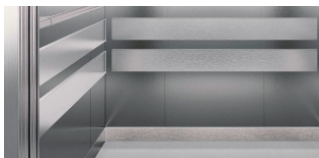
Upper full width only¹



Cabin without mirror

1. Does not conform with EN 81-70

Bumpers



Stainless steel

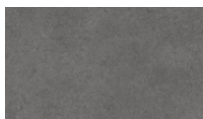


Black PVC

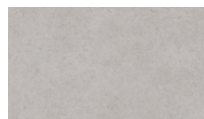
Flooring



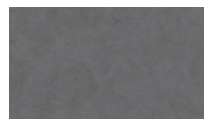
Nature Black vinyl floor



Concrete Dark Grey vinyl floor



Concrete Light Grey vinyl floor



Esquissé Grey vinyl floor



Custom floor¹

1. Customer-supplied flooring with recess of ≤ 25 mm

Custom cabin for your own design

If you are looking for maximum individualisation of your EOX cabin design, the “naked cabin” (B90) is for you. With this option, you order a raw cabin with galvanised steel structural walls. You can then apply and install your own custom cabin design:

- wall decor panels
- 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.



Design line A



For premium segment

Sophisticated elegance that blends in with any building's architecture



Coloured safety glass walls

The glassed walls generate stunning light reflections and make the cabin appear larger



Additional decoration layer

The wall decor forms a 2nd layer for better noise insulation and a flush mirror design



Design line A predefined cabins

GL = coloured safety glass



Coloured safety glass



A50-GL01 Crystal White



A51-GL03 Pearl



A52-GL02 Folkstone



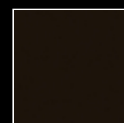
A53-GL08 Maui



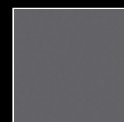
A54-GL11 Lemon



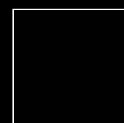
A55-GL10 Levante



A56-GL06 Dark Chocolate



A57-GL13 Storm



A58-GL07 Diamond Black

Predefined Cabin A56 with GL07 Diamond Black coloured safety glass walls, suspended ceiling Lightbox with LED lighting, partial-width and partial-height flush safety mirror on rear wall, stainless steel handrail on side wall, anodised aluminium skirting, custom floor

Suspended ceilings available within Design line A

Polycarbonate white ceiling with stainless steel frame and integrated LED lighting



Lightbox



Grille

Vandal-resistant ceilings available within Design line A

Unibody stainless steel suspended ceiling with integrated LED Plate. Variants with integrated trapdoor and optional ladder are available.



Steel Lightbox



Steel Grille

Handrail and Skirting

Handrails can be positioned on one or three walls. You can also order a cabin without a handrail.



Stainless steel brushed handrail

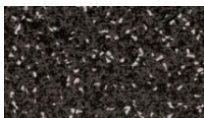


Dark Champagne handrail

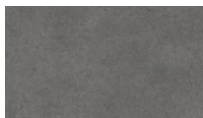


Anodised aluminium skirting

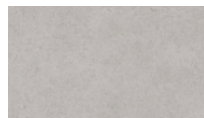
Flooring



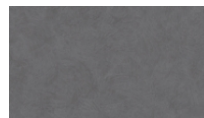
Nature Black vinyl floor



Concrete Dark Grey vinyl floor



Concrete Light Grey vinyl floor



Esquissé Grey vinyl floor



Custom floor¹

1. Customer-supplied flooring with recess of ≤ 25 mm

Mirrors for Design line A cabins / single entrance

All mirrors are flush mounted.



Partial width / partial height



Full width / mid height¹



Full width / full height²



Cabin without mirror

1. Available only with handrails on 3 walls. Rear wall handrail placed on aluminium profile
2. Available only with handrails on 3 walls. Rear wall handrail placed on aluminium profile

Mirrors for Design line A cabins / double entrance

All mirrors are flush mounted with handrail placed on aluminium profile.



Upper and lower full width



Upper full width only¹



Cabin without mirror

1. Does not conform with EN 81-70

Take a 360° look inside



A



B



C



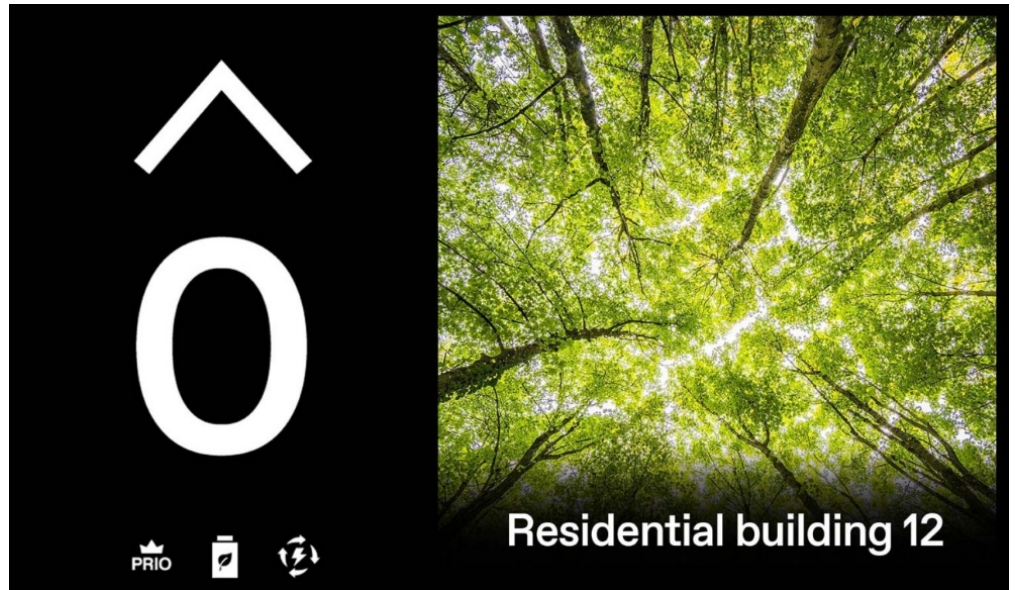
Explore this interactive content in the digital version of this brochure

OPERATING PANELS AND INDICATORS



A new passenger experience

Previously reserved for the comfort and premium segment, EOX now establishes the in-cabin colour display as an entry level standard for the everyday elevator. The 7-inch or 10-inch TFT screen is included in all cabin operating panels available for EOX. The 10-inch version additionally has a “next stops” indicator informing about the upcoming travel route.





Moon cabin and Edge operating panels



Moon

The compact Moon cabin operating panel impresses with a no-nonsense design and clear functionality focus. The visual highlight is the standard-equipped 7-inch TFT display. It offers space for up to 18 push-buttons, including auxiliary buttons or key switches, on a brushed stainless steel frontplate. 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. A vandal-resistant variant with stainless steel VB buttons is optionally available. Dimensions are 1055×214×33 mm.

Push buttons available for Moon are DB series with stainless steel silver or black faceplate, and the stainless steel, vandal-resistant VB series.



Edge

With its stainless steel front and an elegant black glass top, the Edge cabin operating panel is a popular choice for comfort and premium segment buildings. Its name is derived from the unique design with sloping top and bottom edges. The standard-equipped 10" screen is integrated seamlessly behind the glass cover. The Edge COP can fit up to 24 buttons incl. auxiliary buttons or key switches. For EN 81-70 accessibility, there is audiovisual input confirmation as well as a voice synthesizer for travel announcements. Optionally, an inductive loop for passengers with hearing aids is available. Edge is available for Design line A and B cabins as well as in a dual COP configuration. Dimensions are 1140×260×36 mm.

Push buttons available for Edge are DB series with stainless steel silver or black faceplate, and the stainless steel vandal-resistant VB series.



IL Variable operating panel

IL Variable

The IL Variable is the only cabin operating panel for EOX that sits flush with the cabin wall. Its straightforward design with a single-piece stainless steel front cover, reaching from top to bottom of the cabin, has become a timeless classic.

In the EOX elevator it is upgraded with a 10" display and accessibility features, such as audiovisual input confirmation, voice synthesizer and optional inductive loop for passengers with hearing aids. It can host up to 24 buttons incl. auxiliary buttons and key switches. Available in stainless steel brushed or linen finish. IL Variable is available for all Design lines and also in a dual COP configuration. Dimensions are cabin height x 260 mm.

Push buttons available for IL Variable are DB series with stainless steel silver or black faceplate, and the stainless steel vandal-resistant VB series.



Newly available: IL Variable with black glass frontplate

The IL Variable cabin operating panel is now available exclusively for Design line A and B cabins with a black safety glass frontplate for an even more elegant appearance. The specifications and capabilities remain the same as with the stainless steel variant. DB series buttons in stainless steel black are recommended.



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's 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 level. LOP 31 is also available with (euro) key switches or vandal-resistant VB push-buttons.



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 in the landing upon arrival of the elevator. There's also an integrated gong sound that indicates the travel direction to passengers acoustically. LIDC 31 is compatible with Series 50 operating panels.



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.

Push buttons

The Series 30 landing operating panel is available with TK Elevator's popular DB series buttons with stainless steel faceplate, and the stainless steel and vandal-resistant VB series buttons.





Series 50 landing operating panels

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. Dimensions are 91×171×19 mm. Standard-equipped with round DB push-buttons, it can also be configured with (euro) key switches and vandal-resistant VB buttons.



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.

Push buttons

The Series 50 landing operating panels are available with TK Elevator's popular DB series buttons with stainless steel silver or black faceplate, and the stainless steel and vandal-resistant VB series buttons.





Series 50 landing indicators



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 50/51

The LID 50 landing indicator panel 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. The variant LID 51 includes a gong signal. Dimensions are 91×101×19 mm.



LIDC 31

Although part of the Series 30 landing fixtures, the LIDC 31 landing direction indicator is compatible with Series 50, too. It is elegantly integrated into the door portal of the cabin, travelling with the elevator and signals the current direction to passengers by illuminating its 40 mm high up and down arrows.



Matching design with black glass front

All Series 50 landing operating panels are also available with a black glass faceplate instead of stainless steel, allowing you to create an exact visual match with the glass-covered Series 50 indicator panels.

Features and options I

- Standard
- Option

ENERGY EFFICIENCY	
Regenerative drive	●
LED cabin and shaft lighting	●
Standby-mode	●
Eco-mode	●

LAYOUT	
Machine room-less	●
Controller integrated in door jamb	●
External slim controller cabinet in selectable floor	○
Fixed cabin dimensions	●
Flexible car dimension 10mm-steps (≤630 kg)	○
Flexible car dimension 100mm-steps (>630 kg)	○
Extra-reduced shaft head (≤1000 kg)	○
Reduced shaft pit (≤1000 kg)	○
Trapdoor in ceiling with/without ladder	○
2,5 m guide rails	○
Safety gear on counterweight	○

SAFETY, MAINTENANCE & REGULATIONS	
Automatic evacuation to next landing	●
Automatic evacuation to next landing (with UPS)	○
Automatic evacuation to any landing (with UPS)	○
Evacuation via emergency power supply	○
Light curtain protection	●
Emergency lighting in cabin 1 h	●
Two-way intercom	●
Water sensor in pit	○
Halogen-free shaft wiring (excl. motor and travelling cable)	○
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	●
EN 81-21, Lifts construction in existing buildings	○
EN 81-28, Emergency call system	●
EN 81-70 A1, Accessibility to lifts	●
EN 81-71, Vandal resistant, partially Category 1	○
EN 81-73, Fire evacuation (ext. signal, manual recall, dynamic evacuation up to 7 landings)	○
EN 81-77, Seismic, Category 0	●
EN 81-77, Seismic, Category 1 / 2	○

*** Doors fire rating EI-60 and EI-120 not available for landing doors where integrated controller is placed

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

Features and options II

- Standard
- Option

COMFORT	DESIGN
Accessibility	Predesigned cabin skinplate ●
Door open/close and alarm push button ●	Predesigned cabin melamine, colour, wood laminate ○
Big push buttons with braille lettering (COP) ●	Predesigned cabin stainless steel ○
Round green frame in main floor push button ●	Predesigned cabin coloured safety glass ○
Adjustable sound level (35-65 dBA) ●	LED Plate ceiling (≤1000 kg) ●
Luminance contrast in fixtures ●	Suspended ("false") ceiling ○
Voice announcement ●	Preparation for own custom flooring ≤ 25 mm ○
Inductive loop (EN 81-70) ○	Custom cabin ○
"Wheelchair button" in LOP for extended door opening time ○	Cabin operating panels
Access Control	Moon COP with 7" display ●
Cancellation of calls by double click in COP ●	Edge COP with 10" display ○
(Euro) key switch in COP for access/functions ○	IL Variable COP with 10" display ○
(Euro) key switch in LOP for access/functions ○	Series 30 landing fixtures
Combined key switch + push button in COP/LOP ○	LOP 31 landing operating panel on door frame ●
Preference/independent service of COP ○	LOP 31 landing operating panel on wall ○
Encoded car calls (ECC) ○	LIDC 31 landing arrow indicator in cabin portal ●
Out of service LOP ○	LID 31 landing arrow indicator, door frame or wall ○
Preparation for card reader (LOP/COP) ○	Series 50 landing fixtures
VIP function ○	LOP 50-53 landing operating panel, door frame or wall ○
Penthouse control ○	LIP 50 position indicator panel, door lintel or wall ○
Shabbat mode ○	LID 50/51 arrow indicator, door frame or wall ○
Others	Others
Group control system with up to 4 elevators ○	Vandal-resistant Moon, Edge or IL Variable COP ○
Lift out of a group ○	Vandal-resistant LOP ○
Uneven groups in duplex (3rd call button) ○	Vandal-resistant suspended ceiling ○
Full collective controller ○	Second COP in cabin (Edge or IL Variable only) ○
Universal (Taxi) ○	XL Horizontal COP ○
Parking level at main landing floor ●	XL LOP ○
Building management system (BMS) ○	Shared LOP for duplex ○
Car ventilation fan (auto / button / key switch) ○	Landing & cabin doors
Controller, cabin light shutdown in LOP key switch ○	Landing doors prime coated in RAL 7032 ●
Pre-opening of doors ○	Cabin doors in stainless steel (AISI 441) ●
CCTV multimedia travelling cable ○	Landing doors in stainless steel (AISI 441) ○
	Cabin / landing doors in st. steel (AISI 316) ○
	Cabin / landing doors in st. steel linen (AISI 304) ○

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

PLANNING



Shaft layout

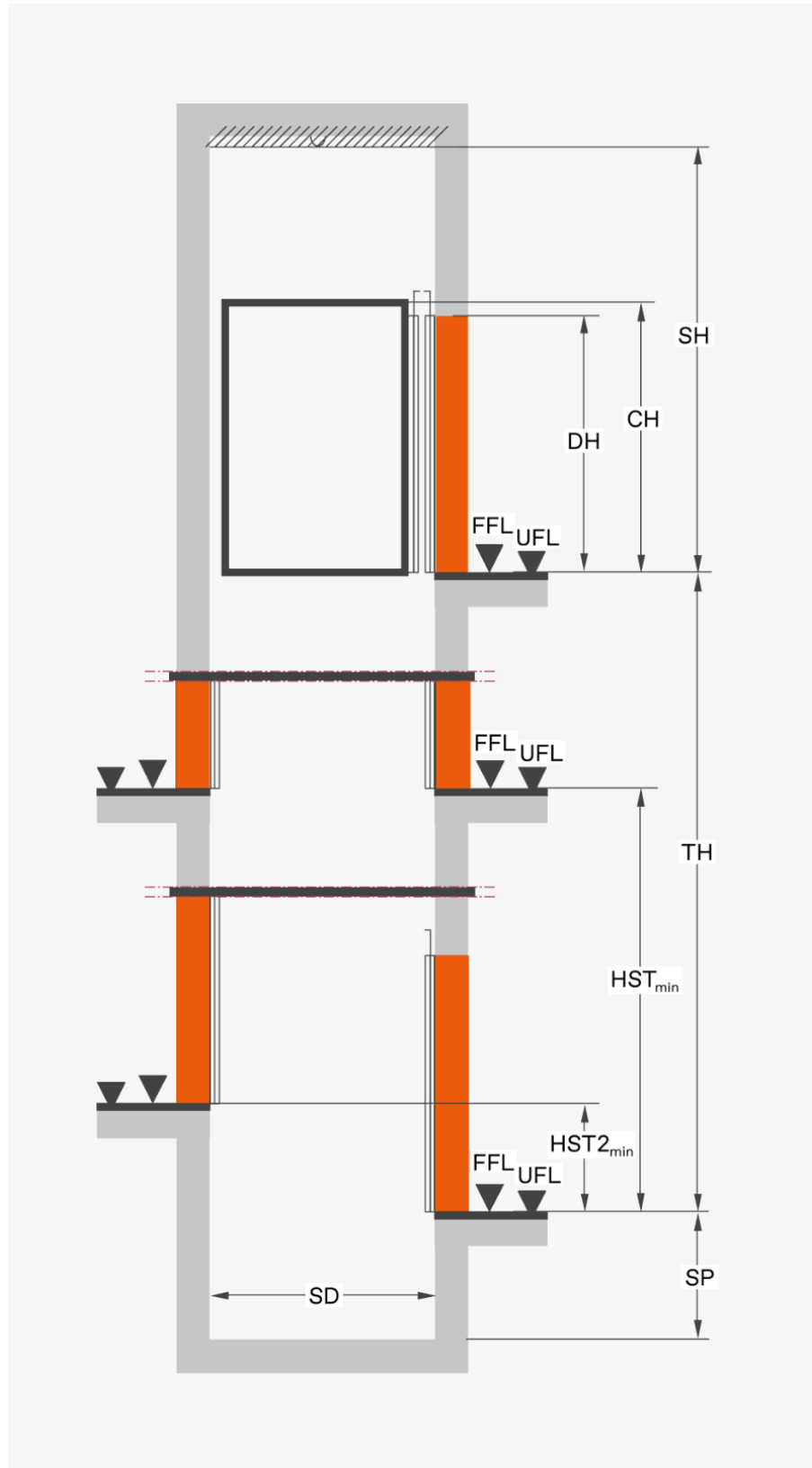
Values

SD / SW	see dimensions pages
SH	CH + 1180 mm (1 m/s) min. 3615 mm (1.6 m/s) min. 3735 mm (1.75 m/s)
SH red.	CH + 400 mm (1 m/s)
SP	min. 1000 mm (1 m/s) min. 1130 mm (1.6 m/s) min. 1360 mm (1.75 m/s)
SP red.	min. 450 mm (1 m/s)
TH	max. 40 m/min. 2900 mm (1 m/s) max. 75 m (>1 m/s)
HST	min. DH+450 mm / max. 11 m
HST2	min. 250 mm
CH	2100 – 2400 mm (≤ 1000 kg) 2200 – 2500 mm (>1000 kg)
DH	2000 – 2300 mm (≤ 1000 kg) 2000 – 2400 mm (>1000 kg)
DW	800 – 1000 mm (≤ 1000 kg) 800 – 1800 mm (>1000 kg)

Key

SD	shaft depth
SW	shaft width
SH	shaft head
SP	shaft pit
red.	reduced shaft head / shaft pit
TH	travel height
HST2	min. height between floors
CH	cabin height
DH	door height
FFL	finished floor level
UFL	unfinished floor level

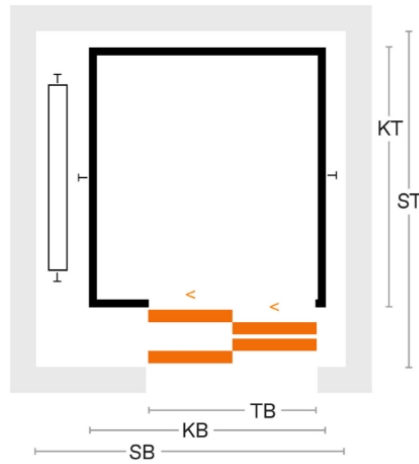
Note: All shaft dimensions with standard tolerances. The values shown correspond to a generic installation under ideal circumstances. During the planning phase, all applicable regulations stipulated by relevant notified bodies and all applicable national regulations should be considered.



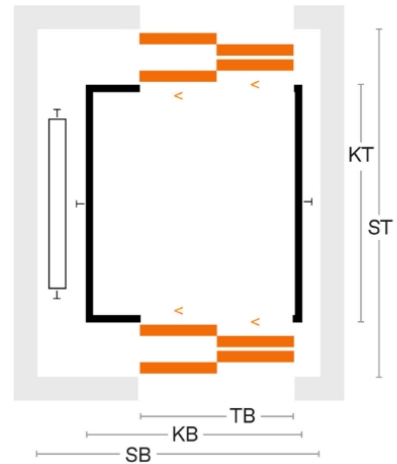
Doors

Key

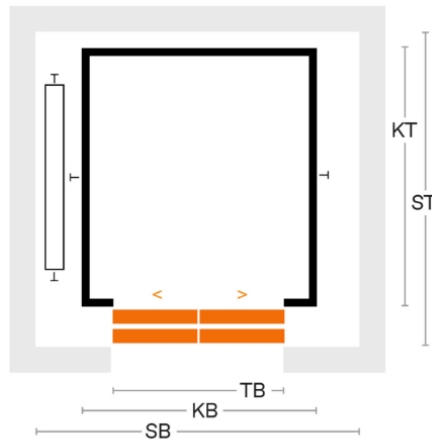
L2	side-opening door with two door panels (800–1400 mm)
C2	central-opening door with two door panels (800–1400 mm)
C4	central-opening door with four door panels (1300–1800 mm)
S	single entrance
D	double entrance
SD	shaft depth
CD	cabin depth
SW	shaft width
CW	cabin width
DW	door width



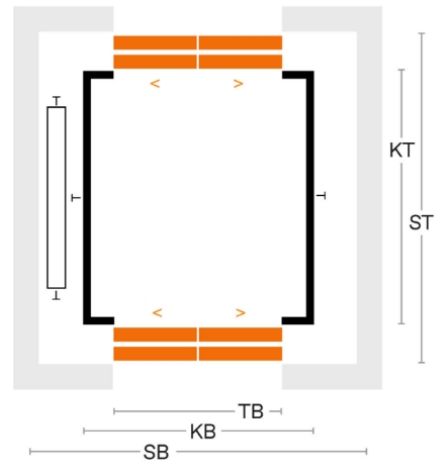
L2 / S



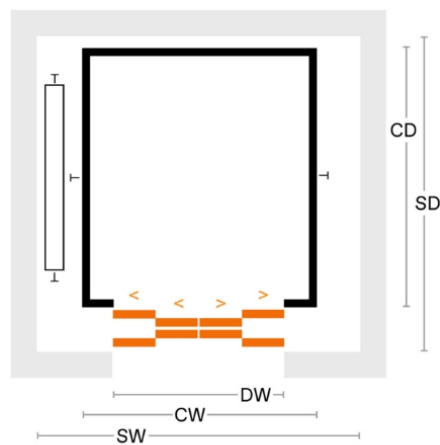
L2 / D



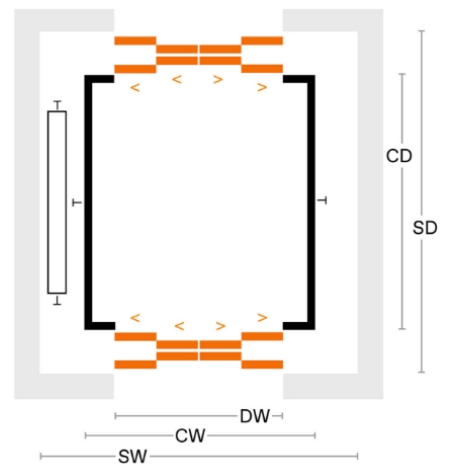
C2 / S



C2 / D



C4 / S



C4 / D

Dimensions ≤1000 kg at 1.0 m/s

SYSTEM				CABIN		DOOR				SHAFT										
Rated load	Passengers	Speed	Travel height	Cabin width x depth	Cabin height	Entrance	Door type	Door width	Door height	Shaft width	SW full front	Shaft depth full front	SD door in recess	SD door partially in shaft	SD door in shaft	Shaft pit	Shaft head			
kg	N°	m/s	≤m	mm x mm	mm	S/D	L2/C2	mm		mm										
450	6	1.0	40	1000x1250	2100-2400	S/D	L2/C2	800-900	2000-2300											
450	6	1.0	40	1000x1250	2200	S	L2	800	2000	1480	1500	1530	1530	1610	1655	1000	3380			
						D		900		1600	1600									
								800		1480	1500									
								900		1600	1600									
450	6	1.0	40	1000x1300	2100-2400	S/D	L2/C2	800-900	2000-2300											
450	6	1.0	40	1000x1300	2200	S	L2	800	2000	1480	1500	1580	1580	1660	1705	1000	3380			
						D		900		1600	1600									
								800		1480	1500									
								900		1600	1600									
630	8	1.0	40	1100x1400	2100-2400	S/D	L2/C2	800-1000	2000-2300											
630	8	1.0	40	1100x1400	2200	S	L2	800	2000	1600	-	-	1680	1760	1805	1000	3380			
								900		1750	-	-								
						1000		-		-	1830	1990						2080		
						800		1600		1600									1830	1990
						900	1750	-		-	1645	1695						1735		
						1000	1950	-		-	1760	1860						1940		
825	10	1.0	40	1350x1400	2100-2400	S/D	L2/C2	800-1000	2000-2300											
825	10	1.0	40	1350x1400	2200	S	L2	900	2000	1850	1850	1680	1680	1760	1805	1000	3380			
								1000										-	-	
						900	1850	1830										1830	1990	2080
						1000	2150	-										-	1645	1695
1000	13	1.0	40	1100x2100	2100-2400	S/D	L2/C2	800-1000	2000-2300											
1000	13	1.0	40	1100x2100	2200	S	L2	800	2000	1600	-	-	2380	2460	2505	1000	3380			
								900			1750	-						-		
						1000		1600			1600	2530						2530	2690	2780
						800		1750			-	-						2345	2395	2435
						900	1950	-			-	2460						2560	2640	
						1000	1955	-			-									
1000	13	1.0	40	1600x1400	2100-2400	S/D	L2/C2	800-1000	2000-2300											
1000	13	1.0	40	1600x1400	2200	S	L2	900	2000	2100	-	-	1680	1760	1805	1000	3380			
								1000										1830	1990	2080
						900	2220	1645										1695	1735	
						1000	1760	1860										1940		
1000	13	1.0	40	1400x1600	2100-2400	S/D	L2/C2	800-1000	2000-2300											
1000	13	1.0	40	1400x1600	2200	S	L2	900	2000	1900	-	-	1880	1960	2005	1000	3380			
								1000										2030	2190	2280
						900	2150	1845										1895	1935	
						1000	2155	1960										2060	2140	

Extra-reduced shaft head and pit: see dedicated page. **Flexible cabin dimensions:** Optionally, the standard cabin dimensions can be adjusted in 10 mm steps (≤ 630 kg) or 100 mm steps (>630 kg). **Key:** S: Single entrance, D: Double entrance, L2: Side-opening door with 2 panels, SW: Shaft width, SD: Shaft depth. **Note:** All shaft dimensions with standard tolerances. Dimensions in this table are valid for CH=2200 mm and DH=2000 mm with standard shaft head and pit.

Dimensions >1000 kg at 1.0 m/s

SYSTEM				CABIN		DOOR				SHAFT								
Rated load	Passengers	Speed	Travel height	Cabin width x depth	Cabin height	Entrance	Door type	Door width	Door height	Shaft width	SW full front	Shaft depth full front	SD door in recess	SD door partially in shaft	SD door in shaft	Shaft pit	Shaft head	
kg	N ^p	m/s	≅m	mm x mm	mm	S/D	L2/C2/C4	mm		mm							mm	mm
1150	15	1	40	1200x2100	2200-2500	S/D	L2/C2	800-1100	2000-2400									
1150	15	1	40	1200x2100	2200	S	L2	1100	2000	1915	1930	2380	2380	2460	2505	1000	3410	
						D				2530	2530	2690	2780					
						S	C2	1000	2160	-	-	2345	2395	2435				
						D			2460	2560	2640							
1275	17	1	40	1200x2300	2200-2500	S/D	L2/C2	800-1100	2000-2400									
1275	17	1	40	1200x2300	2200	S	L2	1100	2000	1915	1930	2580	2580	2660	2705	1000	3410	
						D				2730	2730	2890	2980					
						S	C2	1000	2160	-	-	2545	2595	2635				
						D			2660	2760	2840							
1275	17	1	40	2000x1400	2200-2500	S/D	L2/C2/C4	1100-1700	2000-2400									
1275	17	1	40	2000x1400	2200	S	L2	1300	2000	2615	-	-	1680	1760	1805	1000	3680	
						D				1830	1990	2080						
						S	C2	1400	2960	-	-	1745	1795	1835				
						D			1860	1960	2040							
S	C4	1700	2840	-	-	1680	1760	1805										
D			1830	1990	2080													
1350	18	1	40	2000x1500	2200-2500	S/D	L2/C2/C4	1100-1700	2000-2400									
1350	18	1	40	2000x1500	2200	S	L2	1400	2000	2615	-	-	1780	1860	1905	1000	3680	
						D				1930	2090	2180						
						S	C2	1700	2960	-	-	1745	1795	1835				
						D			1860	1960	2040							
S	C4	1700	2840	-	-	1780	1860	1905										
D			1930	2090	2180													
1600	21	1	40	1400x2400	2200-2500	S/D	L2/C2/C4	800-1300	2000-2400									
1600	21	1	40	1400x2400	2200	S	L2	1300	2000	2215	2230	2680	2680	2760	2805	1000	3410	
						D				2830	2830	2990	3080					
						S	C2	1100	2360	-	-	2645	2695	2735				
						D			2760	2860	2940							
S	C4	1300	2240	-	-	2680	2760	2805										
D			2830	2990	3080													
1600	21	1	40	2100x1600	2200-2500	S/D	L2/C2/C4	1200-1800	2000-2400									
1600	21	1	40	2100x1600	2200	S	L2	1400	2000	2715	-	-	1880	1960	2005	1000	3680	
						D				2030	2190	2280						
						S	C2	1800	2960	-	-	1845	1895	1935				
						D			1960	2060	2140							
S	C4	1800	2990	-	-	1880	1960	2005										
D			2030	2190	2280													
1600	21	1	40	1600x2100	2200-2500	S/D	L2/C2/C4	800-1400	2000-2400									
1600	21	1	40	1600x2100	2200	S	L2	1400	2000	2365	2380	2380	2380	2460	2505	1000	3410	
						D				2530	2530	2530	2690	2780				
						S	C2	1200	2560	-	-	2345	2395	2435				
						D			2460	2560	2640							
S	C4	1400	2390	-	-	2380	2460	2505										
D			2530	2690	2780													

Flexible cabin dimensions: Optionally, the standard cabin dimensions can be adjusted in 100 mm steps. **Key:** S: Single entrance, D: Double entrance, L2: Side-opening door with 2 panels, C2: Central-opening door with 2 panels, C4: Central-opening door with 4 panels, SW: Shaft width, SD: Shaft depth. **Note:** All shaft dimensions with standard tolerances. Dimensions in this table are valid for CH=2200 mm and DH=2000 mm with standard shaft head and shaft pit. Extra-reduced shaft head is not available for loads >1000 kg.

Dimensions at 1.6 and 1.75 m/s

SYSTEM				CABIN		DOOR				SHAFT								
Rated load	Passengers	Speed	Travel height	Cabin width x depth	Cabin height	Entrance	Door type	Door width	Door height	Shaft width	SW full front	Shaft depth full front	SD door in recess	SD door partially in shaft	SD door in shaft	Shaft pit	Shaft head	
kg	N ^o	m/s	≤m	mm x mm	mm	S/D	L2/C2/C4	mm		mm								
630	8	1.6/1.75	75	1100x1400	2100-2400	S/D	L2/C2	800-1000	2000-2300									
630	8	1.6	75	1100x1400	2200	S	L2	900	2000	1600	1600	1685	1685	1765	1810	1130	3615	
		1000						-		-								
		900						1600		1685								
		1000						-		-								
825	10	1.6	75	1350x1400	2200	S	L2	900	2000	1850	1850	1685	1685	1765	1810	1130	3615	
		1000						-			-							
		900						1850			1685							
		1000						-			-							
1000	13	1.6	75	1100x2100	2200	S	L2	800	2000	1600	-	-	2385	2465	2510	1130	3615	
								900			1600	2385						
								1000			-	-						
		1.75						800			1600	1600						2385
								900				-						-
								1000				-						-
1150	15	1.6	75	1200x2100	2200	S	L2	900	2000	1745	1750	2380	2380	2460	2505	1250	3590	
							C2	1000		-	-	2345	2395	2435				
		1.75					L2	900		1745	1750	2380	2380	2460	2505	1350	3650	
							C2	1000		-	-	2345	2395	2435				
1275	17	1.6	75	1200x2300	2200	S	L2	1100	2000	1915	1930	2580	2580	2660	2705	1250	3590	
							C2	1000		-	-	2545	2595	2635				
		1.75					L2	1100		1915	1930	2580	2580	2660	2705	1350	3650	
							C2	1000		-	-	2545	2595	2635				
1275	17	1.6	75	2000x1400	2200	S	L2	1300	2000	2615	-	-	1680	1760	1805	1250	3860	
							C2	1400		-	-	1645	1695	1735				
		1.75					L2	1300		2615	-	-	1680	1760	1805	1350	3920	
							C2	1400		2960	-	-	1645	1695	1735			
1350	18	1.6	75	2000x1500	2200	S	L2	1300	2000	2615	-	-	1780	1860	1905	1250	3860	
							C2	1400		-	-	1745	1795	1835				
		1.75					L2	1300		2615	-	-	1780	1860	1905	1350	3920	
							C2	1400		2960	-	-	1745	1795	1835			
1600	21	1.6	75	1400x2400	2200	S	L2	1300	2000	2215	2230	2680	2680	2760	2805	1250	3590	
							C2	1100		-	-	2645	2695	2735				
		1.75					L2	1300		2215	2230	2680	2680	2760	2805	1350	3650	
							C2	1100		-	-	2645	2695	2735				
1600	21	1.6	75	2100x1600	2200	S	L2	1300	2000	2715	-	-	1880	1960	2005	1250	3860	
							C2	1400		-	-	1845	1895	1935				
		1.75					L2	1300		2715	-	-	1880	1960	2005	1350	3920	
							C2	1400		2960	-	-	1845	1895	1935			
1600	21	1.6	75	1600x2100	2200	S	L2	1300	2000	2215	2230	2380	2380	2460	2505	1250	3590	
							C2	1200		-	-	2345	2395	2435				
		1.75					L2	1300		2215	2230	2380	2380	2460	2505	1350	3650	
							C2	1200		-	-	2345	2395	2435				

Flexible cabin dimensions: Optionally, the standard cabin dimensions can be adjusted in 10 mm steps (≤630 kg) or 100 mm steps (>630 kg). **Key:** S: Single entrance, D: Double entrance, L2: Side-opening door with 2 panels, C2: Central-opening door with 2 panels, C4: Central-opening door with 4 panels, SW: Shaft width, SD: Shaft depth. **Note:** All shaft dimensions with standard tolerances. Dimensions in this table are valid for CH=2200 mm and DH=2000 mm with standard shaft head and shaft pit. Extra-reduced shaft head is not available for speeds >1 m/s.

EOX with extra-reduced shaft head and reduced pit

When building in densely populated urban areas, every millimetre and every second counts. With the option of the extra-reduced shaft head and reduced shaft pit, EOX saves on vertical space and construction time. Shortening the shaft head to a room-height level means that architects and planners no longer have to design the top floor and roof around a higher elevator shaft, and contractors don't get caught up with ceiling penetrations and superstructures.



In this visualisation, the buildings on the left side of the street feature EOX elevators with a standard shaft head requiring roof superstructures. Buildings on the right feature EOX elevators with extra-reduced shaft head resulting in an obstacle-free roof for terraces, PV panels, etc.



Explore an interactive experience of this content in the digital version of the product brochure. Scan the QR code with your phone or visit brochure.tkelevator.com/en-TKE/eox



Starting from 2.500 mm

Measured from the finished floor of the building top level, the shaft head for your EOX elevator can be reduced from the standard ≥ 3.280 mm to as low as 2.500 mm.



No complex roof superstructures

The ability to finish the elevator shaft within room height puts an end to “hood”-like roof superstructures, and the top ceiling can be poured as one continuous floor slab.



Architectural design freedom

Architects are free from having to constantly consider an elevator shaft that “sticks out” of the building. In areas with strict building height limits, design-critical space is gained.



Space for PVs, terraces etc.

With the elevator staying below the final floor slab, the building roof becomes an obstacle-free surface that can be used for photovoltaic systems, apartment terraces etc.



Maintenance from the cabin

When the extra-reduced shaft head option is chosen, the EOX cabin comes with a ceiling-integrated foldable working platform, enabling the service technician to perform maintenance safely from the cabin without having to board the cabin roof.



Reduced shaft pit

For the shaft pit, the optional reduction results in a minimum height as low as 450 mm instead of the standard 1.000 mm. Combination of reduced pit option with extra-reduced shaft head is possible, although restrictions may apply.



Available from 450 to 1.000 kg

Both reduction options are available for rated loads from 450 to 1.000 kg. The reduced pit option can be applied to all cabin sizes (incl. flexible dimensions). The extra-reduced shaft head requires standard cabin dimensions.



Certified and quiet

The options for the extra-reduced shaft head and reduced shaft pit are type-tested and conform with EN 81-20/50 and EN 81-21. Noise performance data proves that EOX is a quiet lift system. The entry value (at 630 kg, 1 m/s) of just 24 db(A) in adjacent rooms means that an EOX from next door is quieter than a whisper.



Further information on the application of extra-reduced shaft head and reduced pit

The extra-reduced shaft head and reduced pit options are available exclusively for EOX elevators with max. 1 m/s. Reduced shaft pit is applicable to all cabin sizes, including flexible cabin sizes. Extra-reduced shaft head is applicable only to standard dimension cabins: 450 kg (1000×1250 and 1000×1300 mm), 630 kg (1100×1400 mm), 825 kg (1350×1400 mm) and 1000 kg (1100×2100 mm). Cabins are exclusively available with Steel Lightbox and Steel Grille ceilings. Minimum achievable shaft head is dependent on the chosen rated load, cabin height, door height and door type as well as door model. For example, the lowest extra-reduced shaft head of 2500 mm is achieved at 630 kg with 2100 mm cabin height and a low-buildup door model of 2000 mm height. Combination of extra-reduced shaft head and reduced pit is possible, although restrictions may apply depending on the specific configuration of your EOX elevator. Your TK Elevator contact will gladly guide you through the planning process for your project.

About TK Elevator

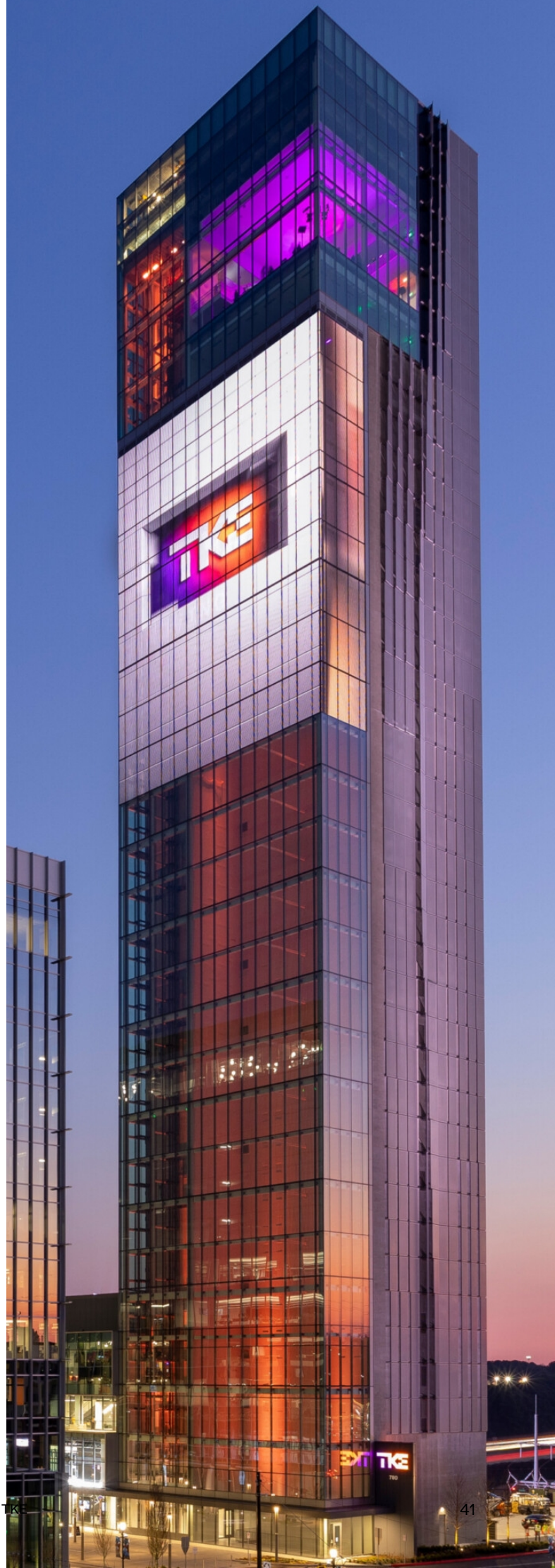
We are elevator people. Striving to move the world. Known for a passion for technology with service at the heart of our business.



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.



Advancing mobility and eco-transparency

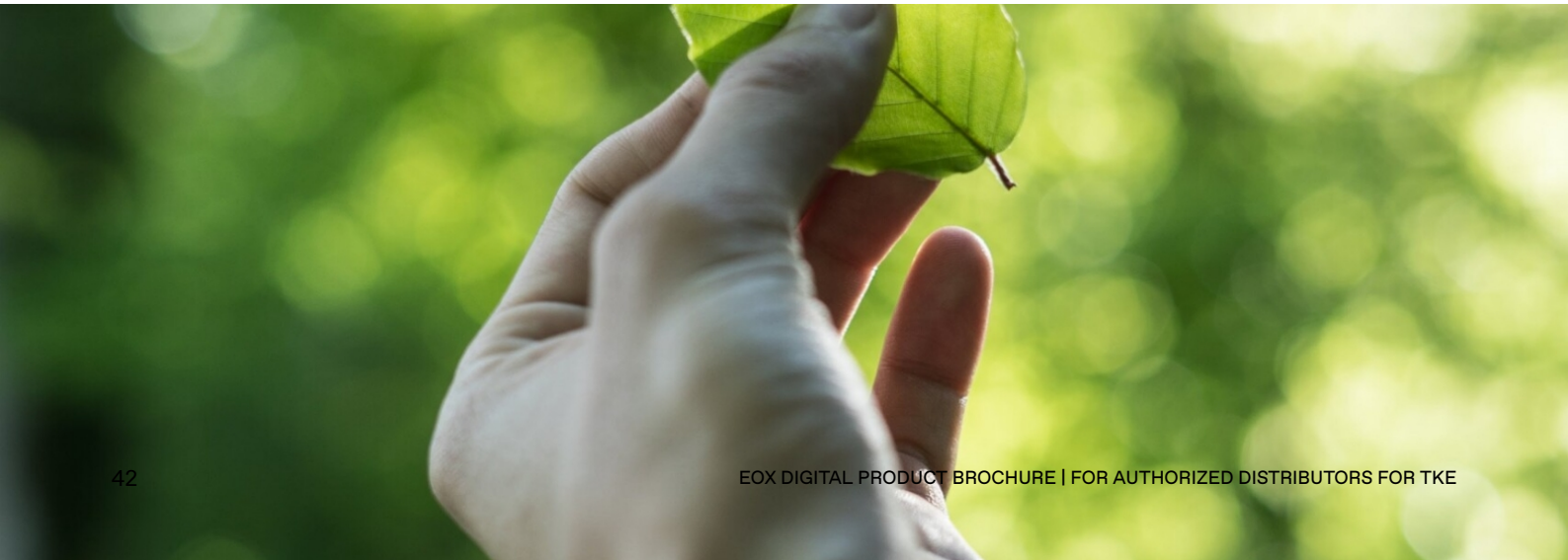
The commitment to sustainable mobility is an integral part of TK Elevator. It determines how we work – starting with product design, and extending to improved transparency and greater commitment along the entire value chain, including in production, installation, operations and maintenance.

Being one of the world’s leading elevator companies, we are dedicated to driving innovation and continuous improvement, all in close partnership with our stakeholders.

Learn more about TK Elevator’s ESG efforts



www.tkelevator.com/global-en/sustainability



Our efforts are recognised by...



CDP A-list

TK Elevator is recognised in the acclaimed A-list published by the global non-profit organisation CDP.



EcoVadis

We were awarded the EcoVadis gold medal, with TK Elevator now ranking among the top 2% of all companies currently assessed by the sustainability rating agency.



Sustainalytics

TK Elevator tops the Sustainalytics global ESG risk rating in the machinery industry category and has achieved the best result among over 500 machinery companies.



Supplier Engagement Leader

We were recognised by CDP as a “Supplier Engagement Leader” for taking action to measure and reduce environmental risks within our supply chain.



UN Global Compact

TK Elevator is a signatory of the UN Global Compact.



Global Elevator Safety Forum

TK Elevator is a co-founder of the Global Elevator Safety Forum to pursue a safe industry without accidents.



Member of RE100

We joined the worldwide RE100 (Renewable Electricity) initiative and committed to only use renewable electricity across our global operations by 2030.



The Science Based Targets

The Science Based Targets initiative approved TK Elevator’s emission reduction targets as being consistent with the levels required to meet the goals of the Paris Climate Agreement.

We put our ESG commitments in writing – with full transparency

TK Elevator’s sustainability report provides an overview of our progress as well as the clear commitments we have made with regard to environmental protection, social responsibility, and governance (ESG). We embrace the challenges of sustainability and are committed to leading the way in creating environmentally friendly mobility solutions. Find the TK Elevator Sustainability Report on our website.





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