

The logo for ELEVCO, featuring the company name in a bold, dark blue, sans-serif font. Above the 'V' in 'ELEVCO' is a small, light blue geometric icon consisting of a triangle and a square.

German Lift Solutions



The zLift



ELEVCO - Your Global Innovative Lift Solutions Partner

As a newly established systems provider for the elevator industry, ELEVCO combines product know-how with long-standing market experience in its lift solutions. Headquartered in Kiel, we use cutting-edge CNC-machining and draw upon over one hundred years' worth of tradition in the development, construction and production of elevators.

Our close cooperation with leading component manufacturers ensures for the high-quality of our products, with ride comfort and extended product lifecycles being our trademarks.

ELEVCO offers clients a full range of products for elevators of all kinds and sizes—from standard series to premium products to unique, customized solutions. This brochure highlights our standardized lift series, the **zLift**, which exemplifies the high industrial process standards underpinning our comprehensive portfolio of passenger and freight transportation products.

Come visit us at our headquarters and experience our main factory with our development division, production facilities and 600 m² showroom. We look forward to welcoming you in Kiel!

The Standardized Lift Series

The **zLift** is our space-saving, standardized elevator specifically designed for multi-storey residential and office buildings. It is available in a wide range of designs and materials. From cabins with laminated walls, spotlights and vinyl flooring to those featuring stainless steel ceilings, walls and doors to those with glass walls and doors, this cost-effective series provides a variety of choices suitable for all uses.

Flexibility in terms of cabin and door sizes, together with cabin depth requirements as low as 900 mm, make this series well-suited to a wide range of modernisation projects.

Innovative technology, freely configurable cabin layouts and a customer-oriented approach to implementation combine to make the **zLift** an easy-to-use series suitable for all B2C-suppliers in the elevator industry worldwide.





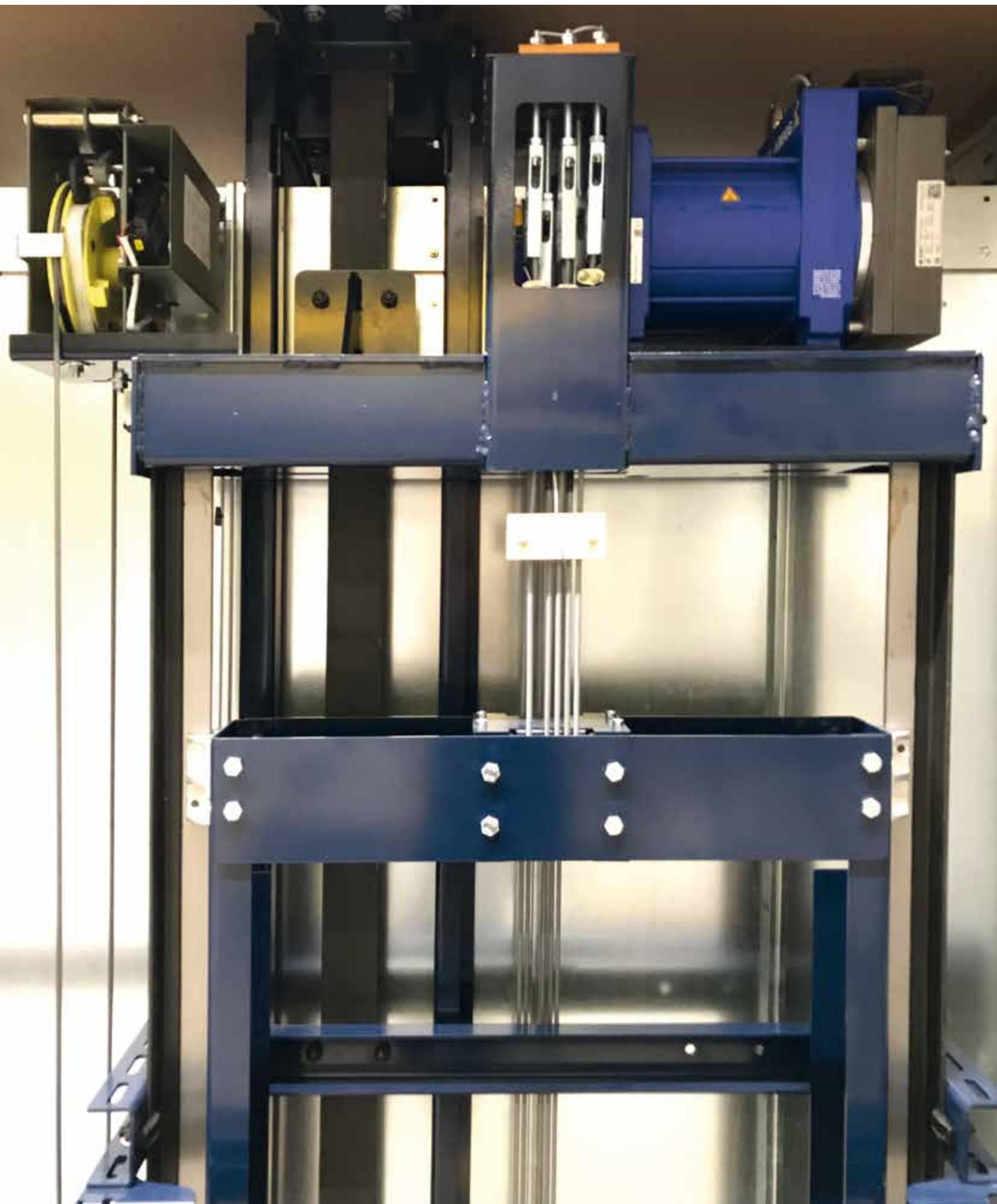
The zLift: The right choice!

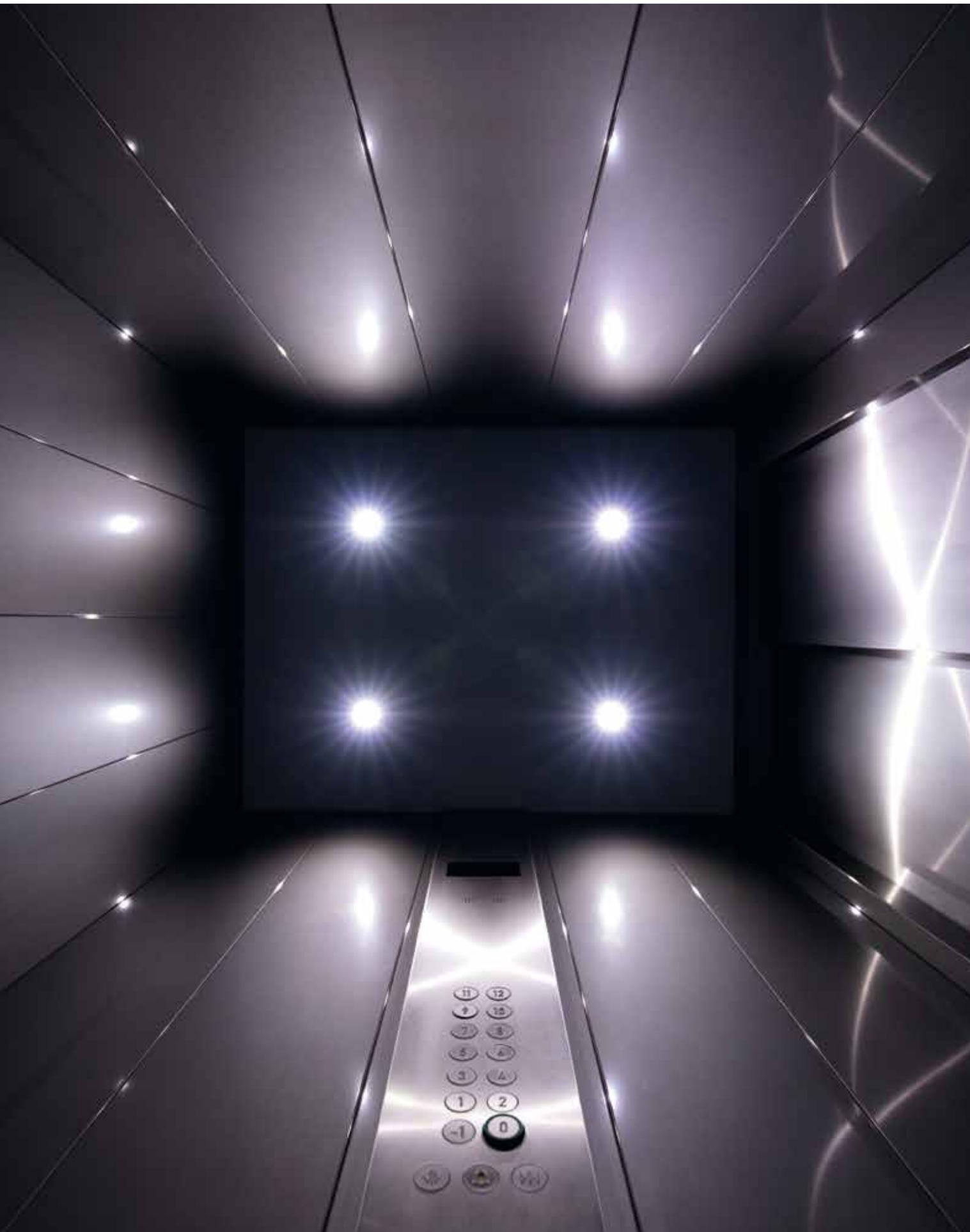
The new **zLift** is a machine-room-less, centrally-guided passenger elevator with a frequency controlled, permanent magnet gearless drive. This drive-motor combination provides high levels of ride comfort and energy-efficiency.

The **zLift** is available in made-to-measure cabin layouts for load capacities ranging from 200 kg to 2,000 kg and for speeds of 1.0 m/s and 1.6 m/s. Depending on load capacity, speed and cabin configuration, shaft pit depth can be reduced to as little as 400 mm while simultaneously shaft head height can be limited to 2,500 mm.

TECHNICAL FEATURES

Standard	
Load capacities	from 300 kg to 2,000 kg with multiple cabin layouts
Travel heights	up to 45 m travel / from 2 to 19 stops
Travel speeds	1,0 m/s and 1,6 m/s
Door types	central and side-opening
Shaft pit depths	from 400 mm (optional) to 2,000 mm, depending on load capacity, speed and cabin design
Shaft head heights	from 2,500mm (optional), depending on load capacity, speed and cabin design
Drive system	gearless, frequency controlled (in shaft head)
Control system	Plug-and-play, state-of-the-art MPK4i control system technology mounted in a separate control cabinet (width 400 mm, depth 230 mm, height 2,000 mm) Material finish choices: RAL painted or brushed stainless steel
Functions	<ul style="list-style-type: none"> • Intercom between cabin and control cabinet • Emergency rescue with speed, direction of travel and door zone indication
Applied Norms	EN 81-20, EN 81-50, EN 81-58, ARL 2014/33/EG
Options	
Functions	<ul style="list-style-type: none"> • Through-cabin arrangement • Receptionist intercom • Automatic evacuation to the next floor, with door-opening via separate UPS • Positioning of the separate control cabinet up to 15 m away from the standard top landing position • Positioning of the door frame control cabinet up to 15 m vertically away from the top landing door • Group control for up to four elevators • Lift monitoring
Applied Norms	EN 81-70, EN 81-71, EN 81-73, GOSTP53780-2010





PRODUCT SPECIFICATIONS

zLift							
Load capacities (Q)	kg	200 < Q ≤ 630		630 < Q ≤ 1,000		1,000 < Q ≤ 2,000	
Suspension		2:1		2:1		2:1	
Travel speeds	m/s	1.0	1.6	1.0	1.6	1.0	1.6
Travel heights (maximum)	m	45		45		45	
Cabin							
Cabin width (CW)	mm	700 - 1,660		900 - 2,180		1,000 - 2,620	
Cabin depth (CD)	mm	900 - 1,850		1,000 - 2,660		1,400 - 3,000	
Cabin height (CH) *	mm	2,100 - 2,500		2,100 - 2,500		2,100 - 2,800	
Doors							
Door width	mm	700 - 1,100		700 - 1,200		900 - 1,400	
Door height	mm	2,000 - 2,300		2,000 - 2,300		2,000 - 2,400	
Door types **		T2 / C2 / C4		T2 / C2 / C4		T2 / C2 / C4 / C6	
Through-cabin		optional		optional		optional	
Shaft							
Shaft width	mm	KB + 500		KB + 500		KB + 680	
Shaft depth (door types T2 & C4)	mm	KT + 325		KT + 325		KT + 325	
Shaft depth (door types T2 & C4) with through-cabin	mm	KT + 500		KT + 500		KT + 500	
Shaft depth (door type C2)	mm	KT + 255		KT + 255		KT + 255	
Shaft depth (door type C2) with through-cabin	mm	KT + 360		KT + 360		KT + 360	
Shaft pit depth (standard)	mm	≥ 400 (1,050)	≥ 1.000 (1,150)	≥ 400 (1,050)	≥ 1.000 (1,150)	≥ 400***/ 500 (1,050)	≥ 1.150 (1,200)
Shaft head height (standard)	mm	≥ 2,500 (KH + 1,200)	≥ 2,850 (KH + 1,400)	≥ 2,500 (KH + 1,200)	≥ 2,850 (KH + 1,400)	≥ 2,600 (KH + 1,600)	≥ 2,850 (KH + 1,800)

* Cabin height to base ceiling

** T = Telescopic door (left or right-hand side opening), C = Central opening door, 2/4/6 = number of door leaves

*** Up to a total weight (cabin + load capacity / P + Q) of ≤ 3,095 kg

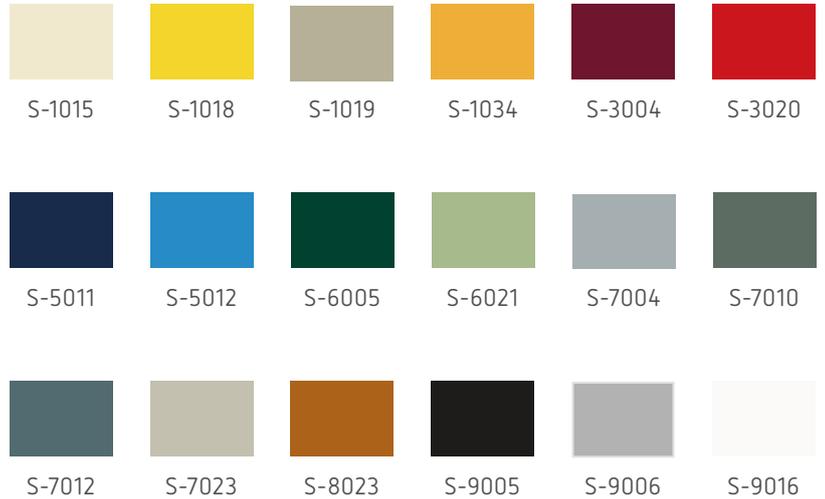
CONFIGURATION OPTIONS

Door Finishings (leaves and frames)

Powder coatings (RAL colours)



S-7032 (standard)



S-1015

S-1018

S-1019

S-1034

S-3004

S-3020

S-5011

S-5012

S-6005

S-6021

S-7004

S-7010

S-7012

S-7023

S-8023

S-9005

S-9006

S-9016

Stainless steel coverings



Leather grain
E-01



Linen grain
E-02



Grit cut
E-03



Polished
E-04



Linen polished
E-05



Champagne cut
E-11



Brass cut
E-12



Bronze mirror
E-13



Gold mirror
E-14



Crystal mirror
E-15

All stainless steel options are available in AISI 304. The Leather grain, Linen grain

Cabin Walls

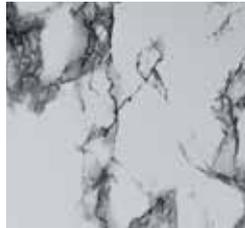
Laminated zinc sheets



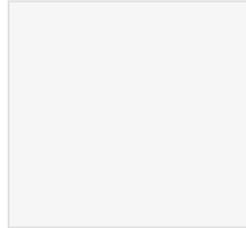
Plain zinc
Z-00



Titanium
Z-01



White marble
Z-02



Pure white
Z-03



Spotted beige
Z-04



Padouk
Z-11



Mahagony
Z-12



Ebony
Z-13

Stainless steel sheets



Leather grain
E-01



Linen grain
E-02



Grit cut
E-03



Polished
E-04



Linen polished
E-05



Champagne cut
E-11



Brass cut
E-12



Bronze mirror
E-13



Gold mirror
E-14



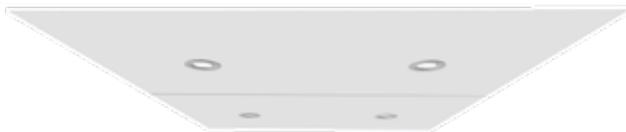
Crystal mirror
E-15

and Grit cut finishes are also available in AISI 441 and the Grit cut additionally in AISI 316.

CONFIGURATION OPTIONS

Cabin Ceilings

Base ceilings with integrated lighting



LED-Spots (L-01)



LED-Rails (L-02)

Suspended ceilings with hinged lighting panels



Round light fields 200 mm (L-11)



Rectangular light fields 200 mm (L-12)



LED-Panel 300 mm (L-13)



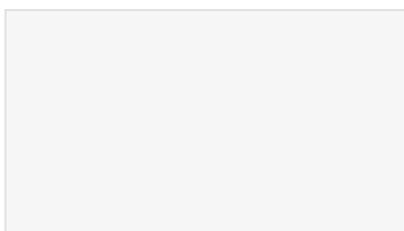
LED-Panel 600 mm (L-14)



Satin glass ceiling - fixed, no hinge (L-21)

The number of spots and light fields varies with the dimensions of the cabin. The renderings shown here are displaying options for a 630 kg cabin (1,100 × 1,400 mm).

Finishing and material options



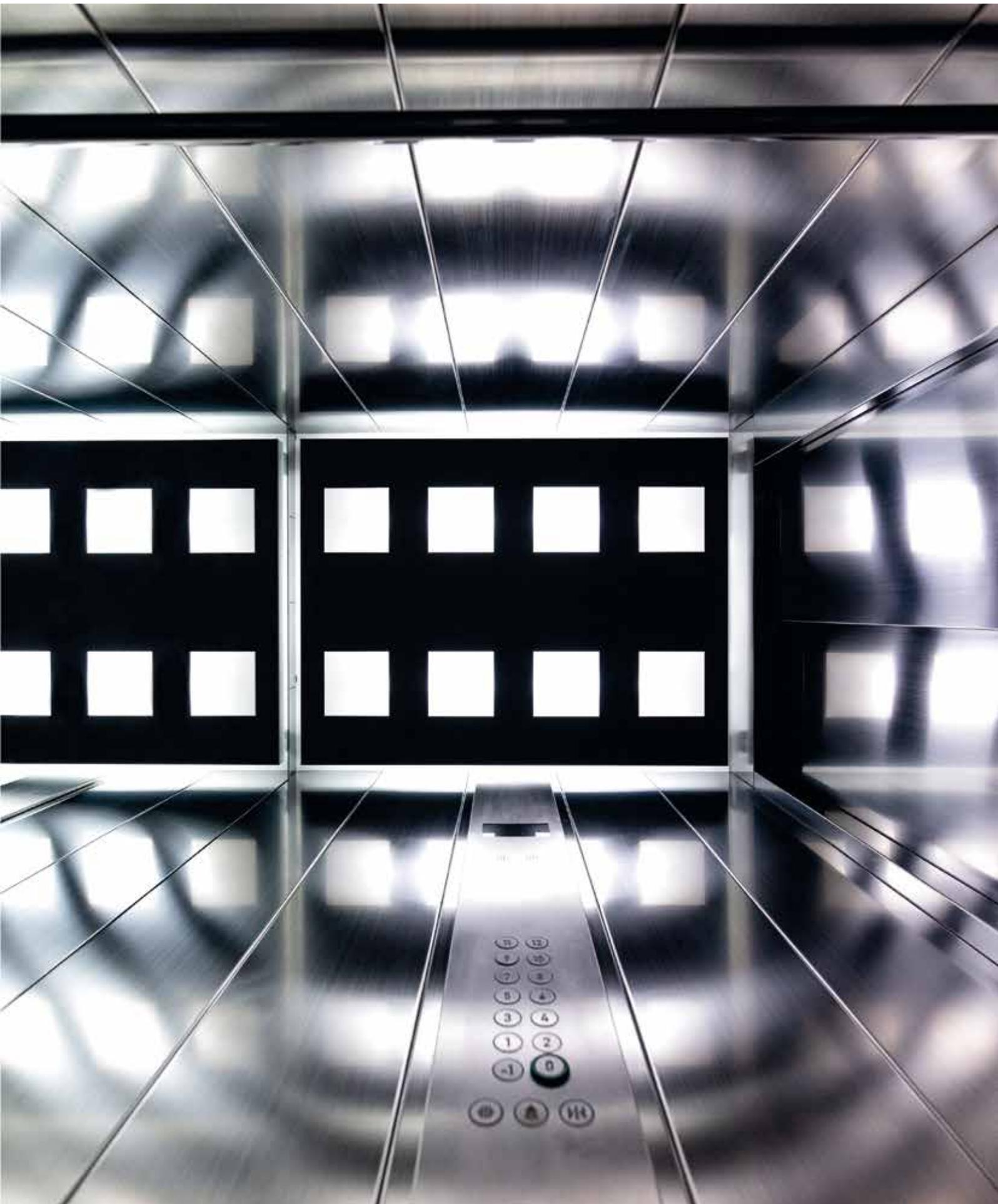
Spray painted steel, White (S-9010)

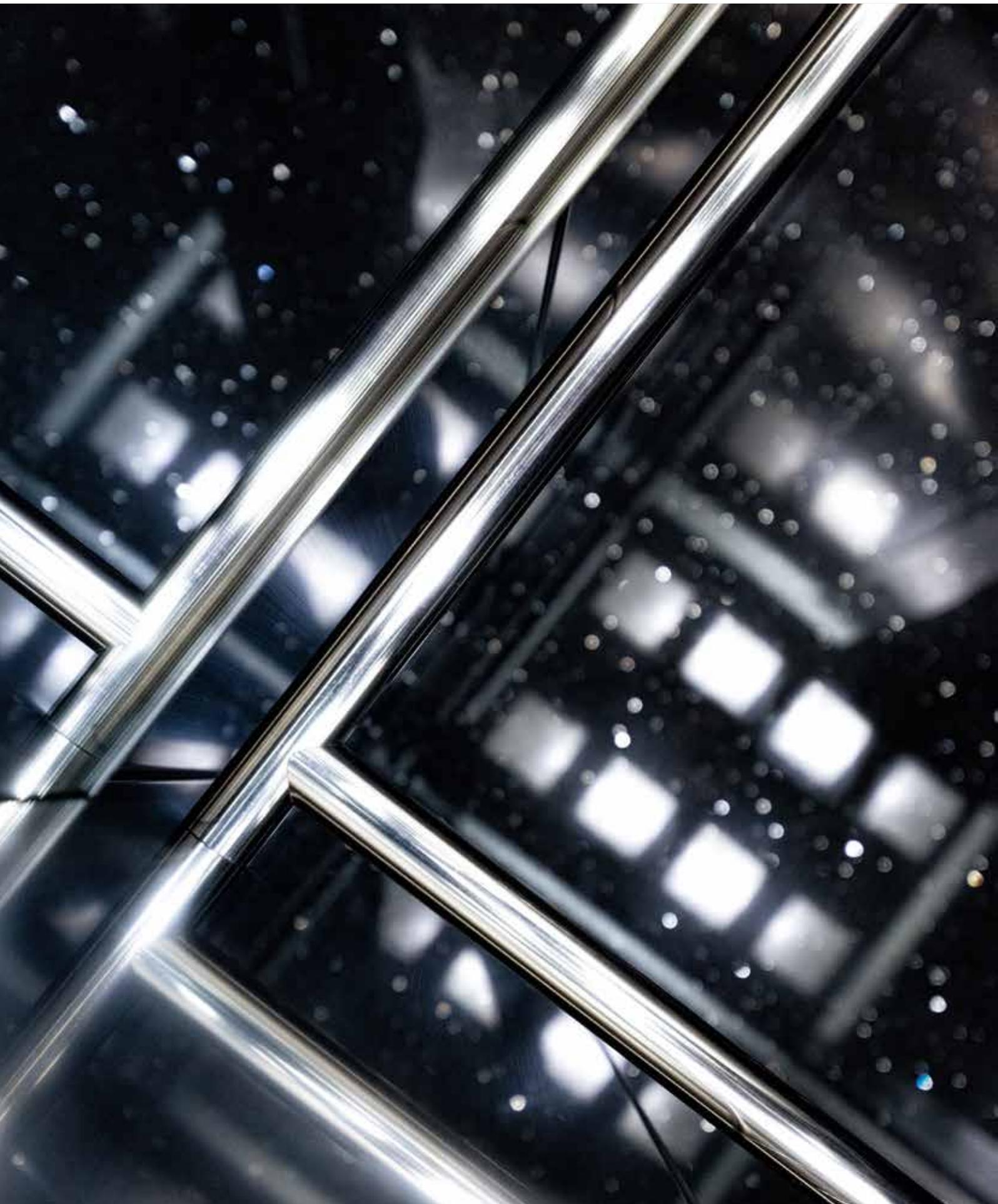


Stainless steel, Grit cut (E-03)



Stainless steel, Polished (E-05)





CONFIGURATION OPTIONS

Glass Walls and Doors



Framed glass walls made of safety glass
(one, two or three-sided)

Mirrors



Mirror on back wall above the handrail
(one, two or three-sided)

Handrails



∅ 30 mm polished stainless steel (one, two, three-sided or over corner)



Handrail fastening at the ends (over corner pictured left)

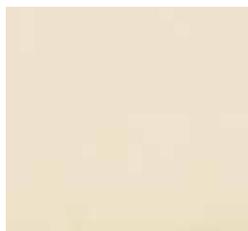


Handrail holder for lengths of over 1,400 mm

CONFIGURATION OPTIONS

Cabin Floors

PVC



Beige
F-01



Brown
F-02



Grey
F-03

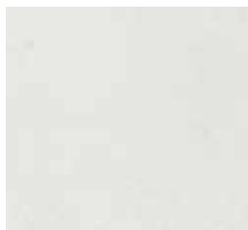


Black
F-04



Altro
F-05

Synthetic resin marble



White
F-11



Beige
F-12



Grey
F-13



Black
F-14

Terrazzo



Blackan
F-21

Metal



Aluminum quintet
F-41



Stainless steel bulb plate
F-42

Skirting Boards



95 mm Grit cut stainless steel (one, two or three-sided)





Car Operating Panels (COP)

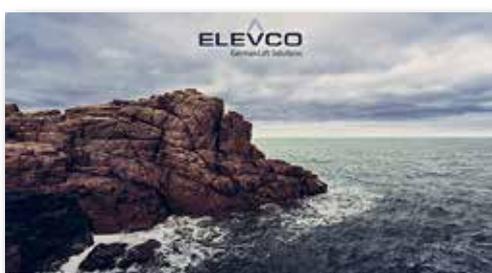
Standard	
Material	Brushed stainless steel panel with concealed mounting
Measurements	Width 220 mm, floor to ceiling, depth 10 mm
Display	7.0" TFT-display
Intercom	Prepared for the installation of an emergency call system
Manufacturer information	Specifications shown on TFT-display (no engraving needed)
Push-buttons	Round tactile push-buttons (door open / emergency call / door close)
Options	
Key switches	Standard, Kaba or Euro-cylinders with optional print
Push-buttons	Adjustable illumination in white with call acknowledgment in either red, green or blue and acoustic call acceptance
Display	Individual background picture



Cabin Display

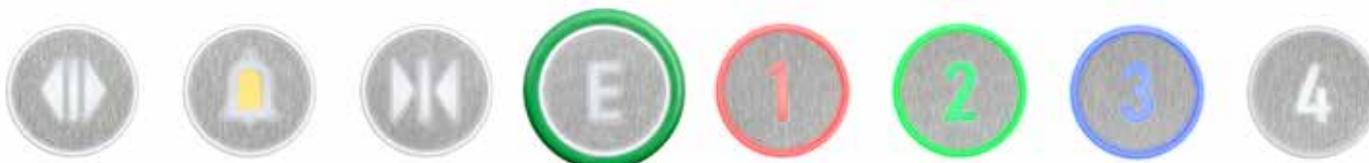


Standard



Optional: Individual background picture

Push-buttons



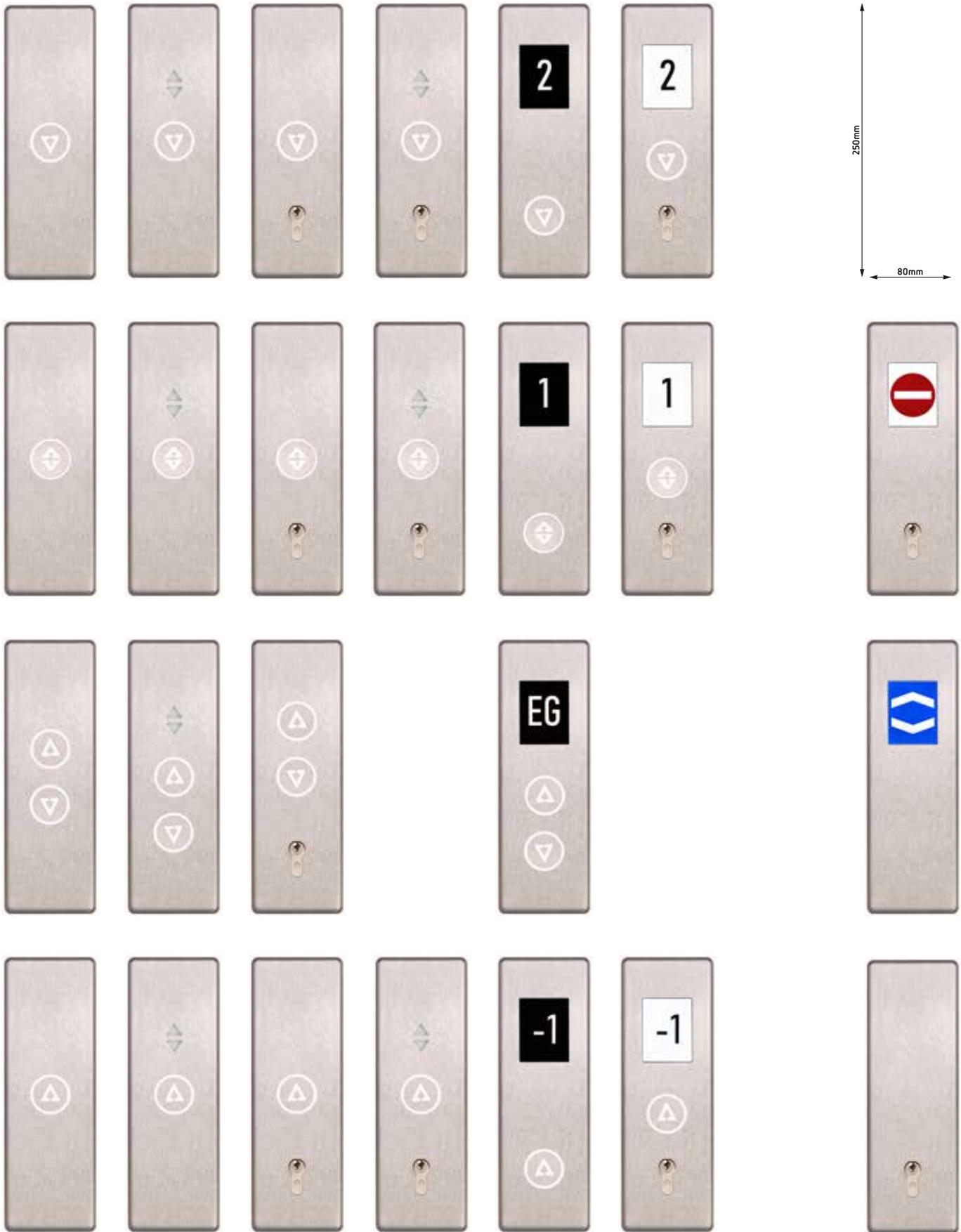
Landing Indicator and Operating Panels

Standard	
Material	Brushed stainless steel panel with concealed mounting
Measurements	Width 80 mm, height 250 mm, depth 10 mm
Call type	Single push-button collective control
Push-buttons	Round tactile push-buttons (up / up+down / down)
Options	
Call type	Two push-button collective control
Push-buttons	Adjustable illumination in white with call acknowledgment in either red, green or blue and acoustic call acceptance
Key switches	Standard, Kaba or Euro cylinders with optional print
Direction indicators	Integrated light arrows
Integrated display	2.8" TFT-display (adjustable in either black on white, white on black or white on blue)
Separate display	4.3" TFT-display (adjustable in either black on white, white on black or white on blue)
Fire warning	Print: "DO NOT USE ELEVATOR IN CASE OF FIRE"
Fire pictogram in accordance with EN 81-73	  adhesive label display indication

Landing Indicator Panels (LIP)



Landing Operating Panels (LOP)



A modern staircase with a glass railing and a black handrail, set against a light-colored wall with a grid pattern. The railing is made of clear glass panels held together by black metal frames. A thick black handrail runs along the top edge of the glass. The background wall is light gray with a subtle grid pattern. The lighting is soft and even, highlighting the clean lines of the architecture.

Customisation-Option **iLift**





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