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## ELEVCO - Your Global Innovative Lift Solutions Partner

As a newly established system supplier for the lift industry, **ELEVCO** combines both product and market know-how in its lift solutions.

In our Kiel headquarters with ultra-modern CNC production machines, we can draw on a tradition of over one hundred years in the development, design and production of elevator systems.

Cooperation with reputable component manufacturers guarantees high-quality products with an extended product lifecycle. Special and customized solutions are our strength. Standard systems such as the zLift, cater for our scope of supply in both passenger and goods lift-based solutions.

**ELEVCO** offers you the complete product range for elevators of all types and sizes - from standardized series elevators to premium products and high-end special systems.

On the following pages we present you our series standard **zLift**. It documents the high industrial process character of our service portfolio in passenger and freight transportation.

Come and visit us at our headquarters in Kiel and take a look at our main factory with development department, production and a presentation of our product portfolio on over 600 m<sup>2</sup> exhibition space. We are looking forward to seeing you!

### 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.





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## The zLift: The sensible choice!

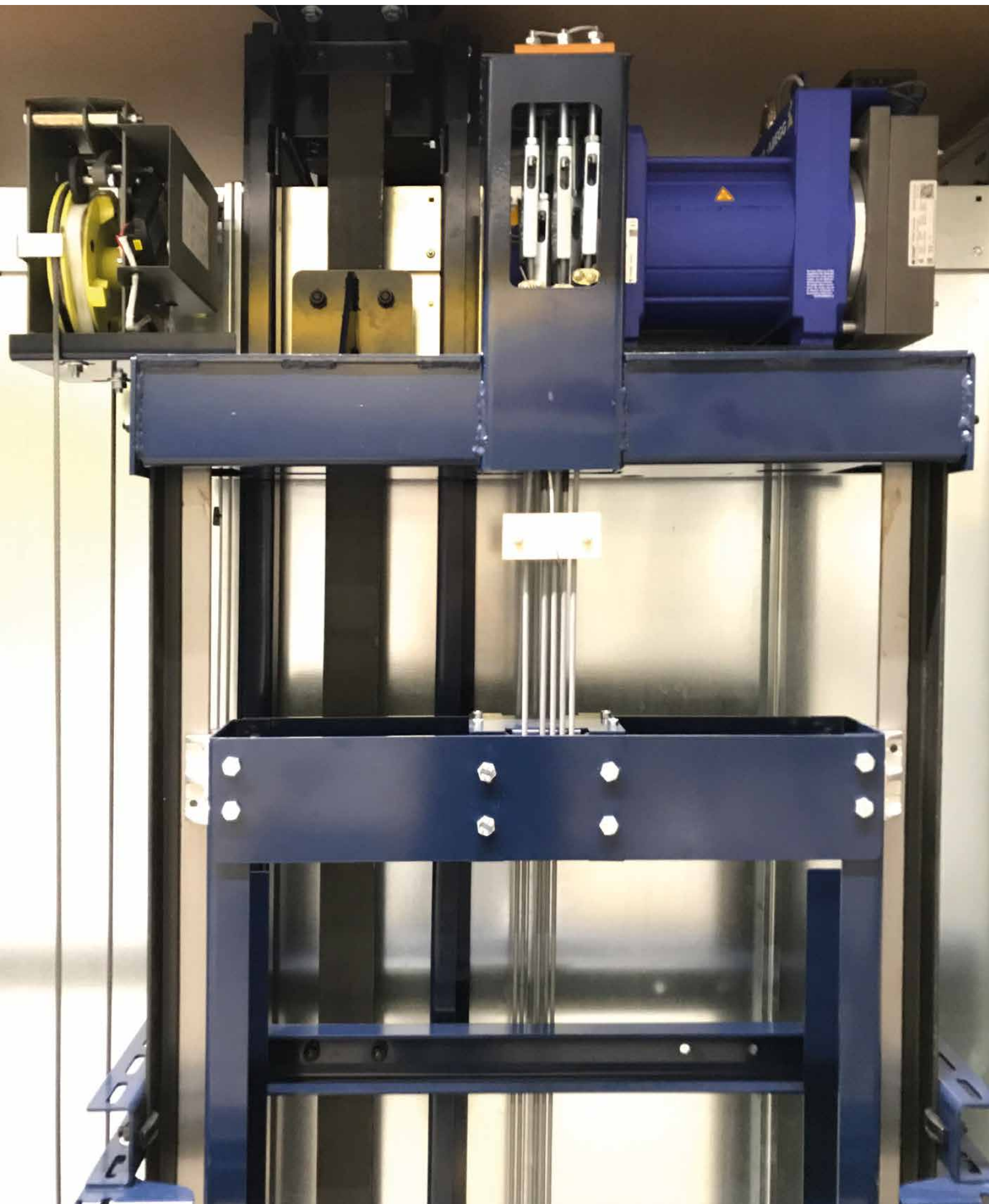
The new **zLift** is a machine room-less, conventionally-guided passenger lift with variable-frequency PM gearless drive. This drive-motor combination provides superior levels of ride quality comfort and energy-efficient operation.

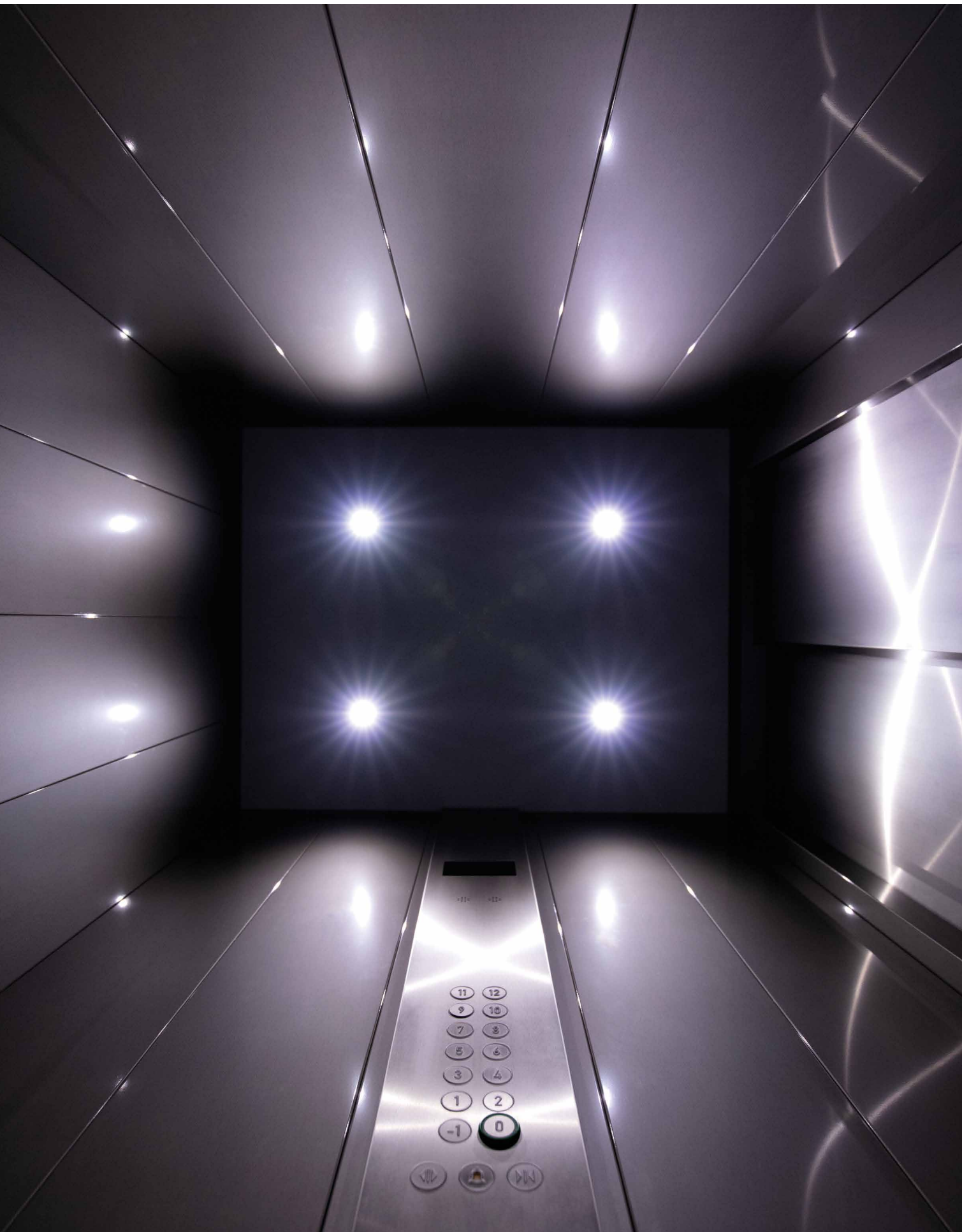
The **zLift** is available in a multitude of cabin layouts from 225 Kg to 2,000Kg payload and for speeds of 1.0 m/s and 1.6 m/s. Depending on load capacity, speed and cabin equipment, optional shaft pits can be reduced to 400 mm\* and shaft heads to 2,500 mm.

\* For Q > 1,000 kg pits SG > 650mm

# TECHNICAL FEATURES

Standard	
Load capacities	from 225 kg to 2,000 kg with variable cabin layouts (type-tested to 1,250 kg)
Travel height	up to 45m travel from 2 to 19 stops
Speed	1,0 m/s and 1,6 m/s
Door types	central and one-sided opening
Shaft pits	from 400mm (optional) depending on load capacity, speed and cabin design
Shaft heads	from 2.500mm (optional) depending on load capacity, speed and cabin design
Motor Drive	gearless, frequency controlled (in shaft head)
Control	Plug-and-play, state-of-the-art 'MPK4i control system technology mounted in a separate control cabinet (2,000mm h x 400mm w x 230mm) Material finish primed (RAL 7032) or brushed stainless steel.
Functions	<ul style="list-style-type: none"> <li>• Intercom between cabin and control cabinet</li> <li>• Emergency rescue with indication of speed, direction of travel and door zone</li> </ul>
Rules	EN 81-20, EN 81-50, EN 81-58, ARL 2014/33/EG
Options	
Functions	<ul style="list-style-type: none"> <li>• through-car arrangement</li> <li>• Receptionist intercom</li> <li>• automatic evacuation to the next floor, with door-opening facility (via separate UPS)</li> <li>• control cabinet up to 15m from the top landing FFL</li> <li>• controller in door frame up to 15m vertically configurable in lower level</li> <li>• control up to group of 4</li> <li>• lift monitoring</li> <li>• Car fan optionally with button in the control panel or automatically during travel with overtravel</li> </ul>
Rules	EN 81-70, EN 81-71, EN 81-73, GOSTP53780-2010







# PRODUCT SPECIFICATION

zLift							
Duty load (Q)	Kg	225 < Q ≤ 630		630 < Q ≤ 1,000		1,000 < Q ≤ 2,000	
Suspension		2:1		2:1		2:1	
Speed	m/s	1.0	1.6	1.0	1.6	1.0	1.6
Travel height max.	m	45	45	45	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		1,500 - 3,000	
Cabin height (CHT) *	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 type **		T2 / C2 / C4		T2 / C2 / C4		T2 / C2 / C4 / C6	
Through-cabin		optional		optional		optional	
Shaft							
Shaft width	mm	CW + 500		CW + 500		CW + 680	
Shaft depth T2 / C4 Door Type	mm	CD + 325		CD + 325		CD + 325	
Shaft depth with through-cabin T2 / C4 Door type	mm	CD + 530		CD + 530		CD + 530	
Shaft depth C2 Door type	mm	CD + 255		CD + 255		CD + 255	
Shaft depth with through-cabin C2 Door type	mm	CD + 390		CD + 390		CD + 390	
Shaft pit (Standard)	mm	≥ 400 (1,050)	≥ 1,200	≥ 400 (1,050)	≥ 1,200	≥ 400*** / 650 (1,050)	≥ 1,200
Shaft head (Standard)	mm	≥ 2,500 (CHT + 1,200)	CHT + 1,400	≥ 2,500 (CHT + 1,200)	CHT + 1,400	≥ 2,700*** (CHT + 1,600)	CHT + 1,800

\* Raw cabin height without suspended ceiling

\*\* T = telescopic door (left or right opening), C = central opening door, 2 / 4 = number of door leaves

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

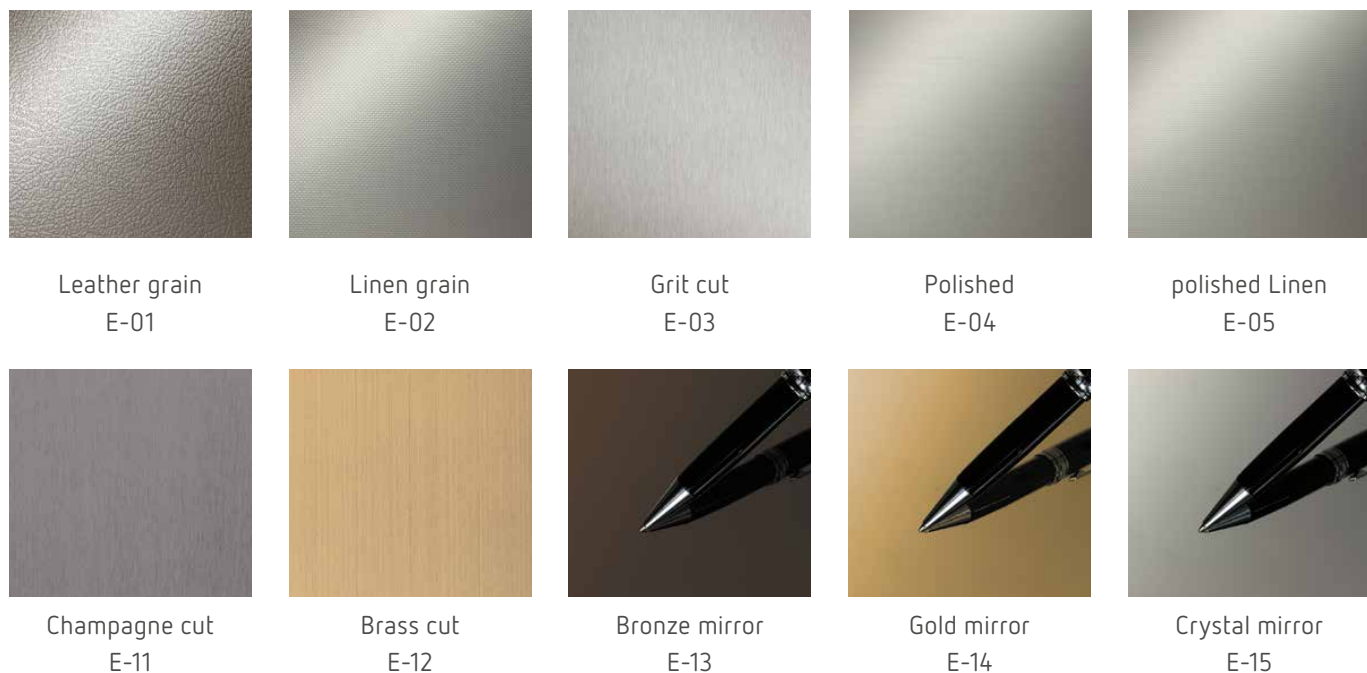
# CONFIGURATION OPTIONS

## Cabin Walls and Door Surfaces (leaves and frames)

### Powder coating



### Stainless steel sheets and cladding in stainless steel



All stainless steel coverings and sheets are available in the alloys AISI 304 (WNR 1.4301) The surfaces are leather grain, linen and grain cut are also available in AISI 441 (WNR 1.4509) and grain cut also in AISI 316 (WNR 1.4401) (e.g. E-01-44 or E-01-31).

## Cabin Walls only

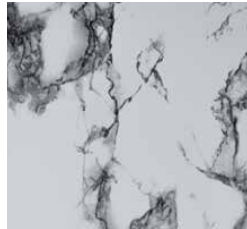
### Laminated zinc sheets



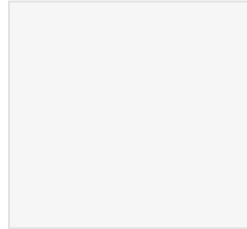
Zinc nature  
Z-00



Titan  
Z-01



Marble  
Z-02



White  
Z-03



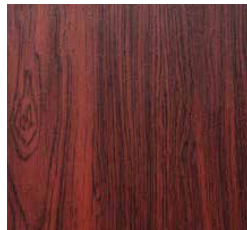
Beige  
Z-04



Hairline  
Z-05



Padouk  
Z-11



Mahagony  
Z-12



Ebony  
Z-13

Cabin walls made of laminated sheet metal up to a maximum total height of 2,300mm (CHT)

# CONFIGURATION OPTIONS

## Cabin Ceilings

### Base ceilings with integrated lighting

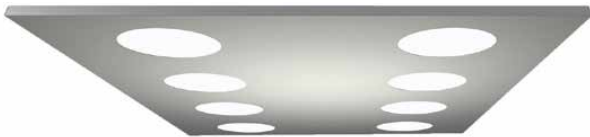


LED spots (L-01)

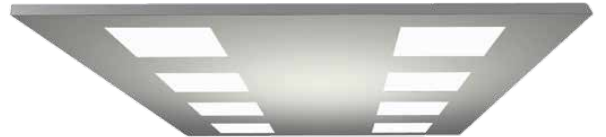


Light rails (L-02)

### Suspended ceilings with hinged lighting panels



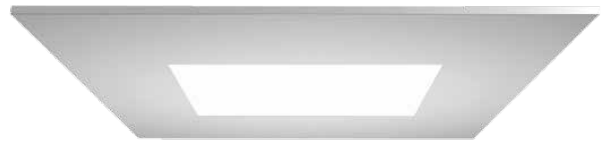
Round light fields 200 mm (L-11)



Rectangular light fields 200 mm (L-12)



LED panel 300 mm (L-13)



LED panel 600 mm (L-14)



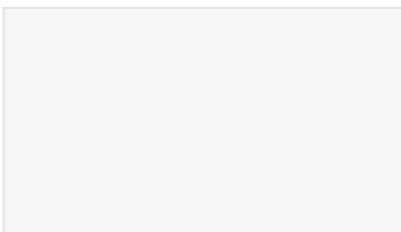
LED spots (L-15)



Satin glass ceiling - fixed not hinged (L-21)

Number of spots and light fields varies with the cabin size. Shown are variants of a 630 kg cabin (1,100 × 1,400 mm)  
Escape hatch 500mm x 700mm with contact. KT min 1,500mm with one-sided access and 1,800mm with through-cabin

### Surface and material options



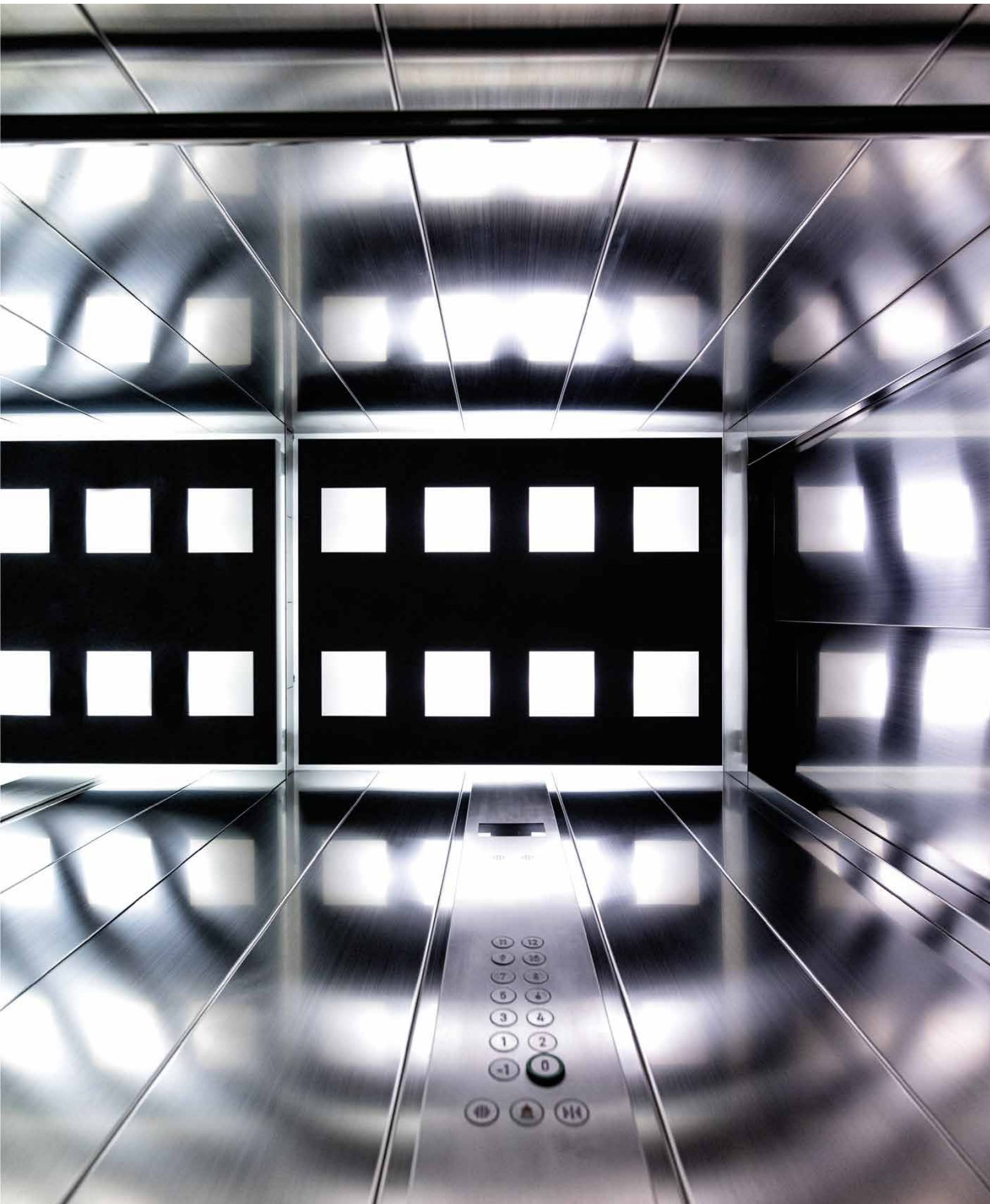
Sheet steel powder coating white (S-9010)



Stainless steel grain cut (E-03)



Polished stainless steel (E-04)





# CONFIGURATION OPTIONS

## Glass Walls and Doors



Framed glass wall made of safety glass  
(one-, two- or three-sided, max. 1,200 mm wide)

## Mirrors



Mirrors on back or side walls  
(individual sizes up to 1,300 × 1,100 mm)

## Handrails



Polished stainless steel tube (ø 30 mm) one-, two-, three-sided or over corner



Handrail fastening at the front sides (pictured left)

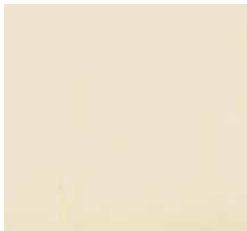


Handrail holder for lengths over 1,400 mm

# CONFIGURATION OPTIONS

## Cabin Floors

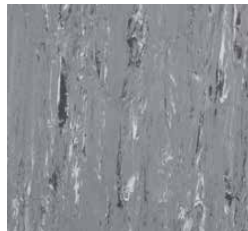
### PVC



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

On-site floor: lowered 22mm for 50kg/m<sup>2</sup>

### Metall



Aluminium quintett  
F-41



Stainless steel bulb plate  
F-42

## Skirtings



in ground stainless steel plate (95 mm)





11 12

9 10

7 8

5 6

3 4

1 2

-1 0

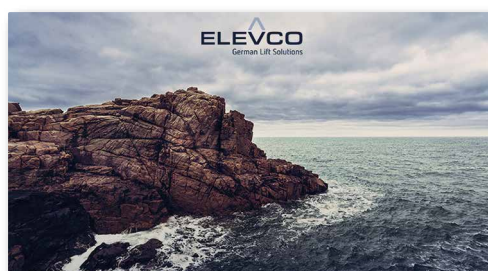


## Car Operating Panels

Standard	
Material	brushed stainless steel with secret fixings on wall mounted
Dimensions	width 220 mm, floor to ceiling, depth 10 mm
Display	7.0" TFT display
Communication unit	intercom between cabin and control system
Certification	Lift certification information in the display without separate engraving panel
Buttons	Floor button / door open / emergency call button / door closed All tactile and with acoustic call acceptance
Options	
Key switch	Standard, Kaba or Euro cylinders with optional print
Buttons	Button white illuminated with acknowledgement in red, green blue or violet and acoustic call acceptance
Display	With individual background images
Braille	Braille next to button
Voice announcement	Via loudspeaker in the tableau



## Cabin Displays





Standard

Optional: Individual background images

## Cabin Push Buttons



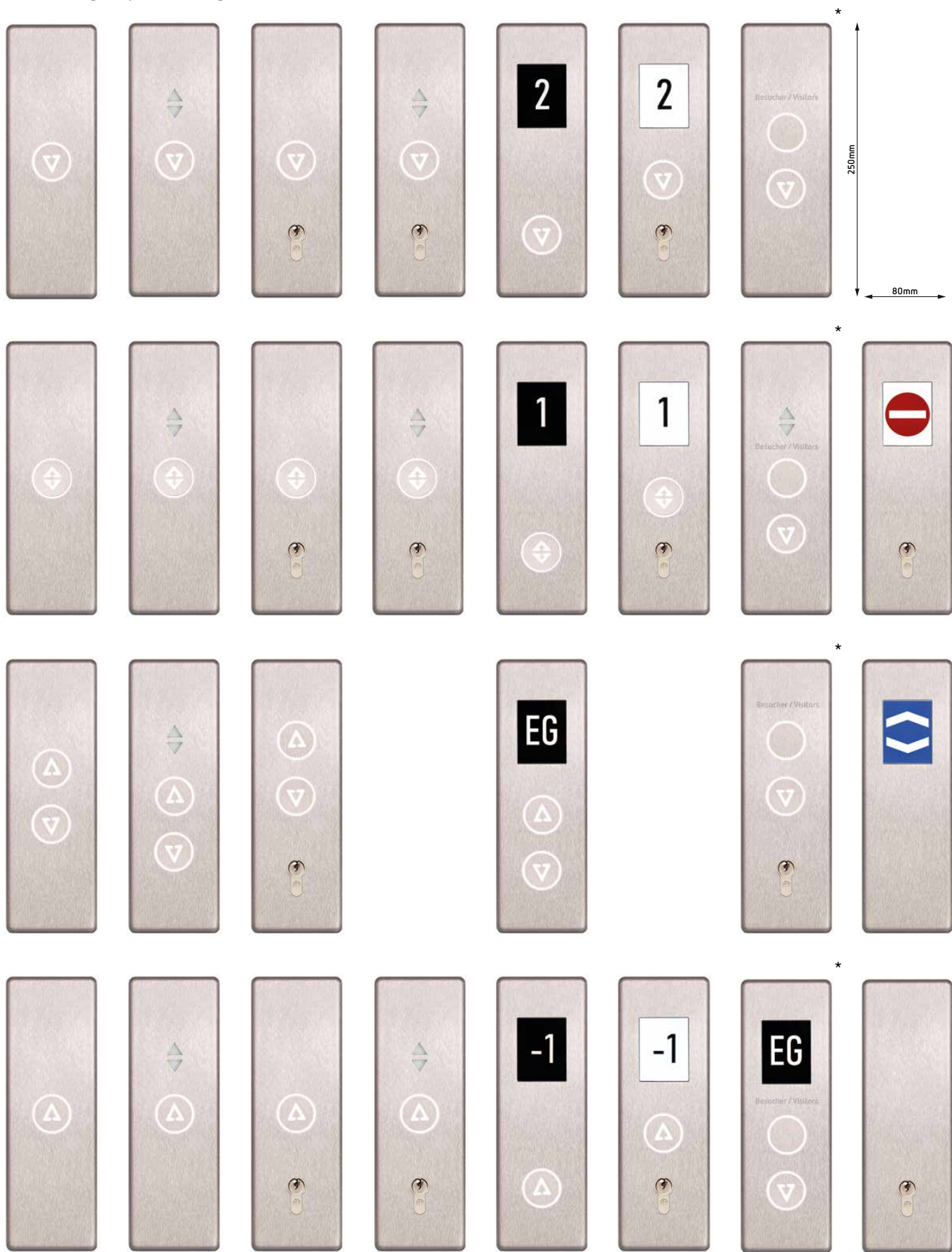
## Landing Indicator and Operation Panels

Standard	
Material	brushed stainless steel panel with concealed mounting
Dimensions	width 80 mm, height 250 mm, depth 10 mm
Control	Single-button collective control
Options	
Control	Two-push-button collective control
Key switch	Flush-mounted, spring-loaded and removable key switches or key switch for fire mode, fire recall, priority "out of order" with and without reset as well as penthouse control in top floor
Push button	Button white illuminated with acknowledgement in red, green blue or violet and acoustic call acceptance
Direction indicator	Integrated illuminated arrows in up and down direction
Integrated display	2.8" TFT display (black on white, white on black, white on blue)
Separate display	4.3" TFT display (black on white, white on black, white on blue)
Print	Print: "DO NOT USE ELEVATOR IN CASE OF FIRE"
fire-related pictogram according to EN 81-73	 as sticker  in TFT display

## Landing Indicator Panels (LIP)



# Landing Operating Panels (LOP)



\* For penthouse control



## Customization options **iLift**

We will be pleased to advise you personally  
on our extensive special equipment options.





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