KÖHLER
Elevator & Escalator

Customized Elevator Solutions

SYMPHONY MRL

Exclusive US Market Edition

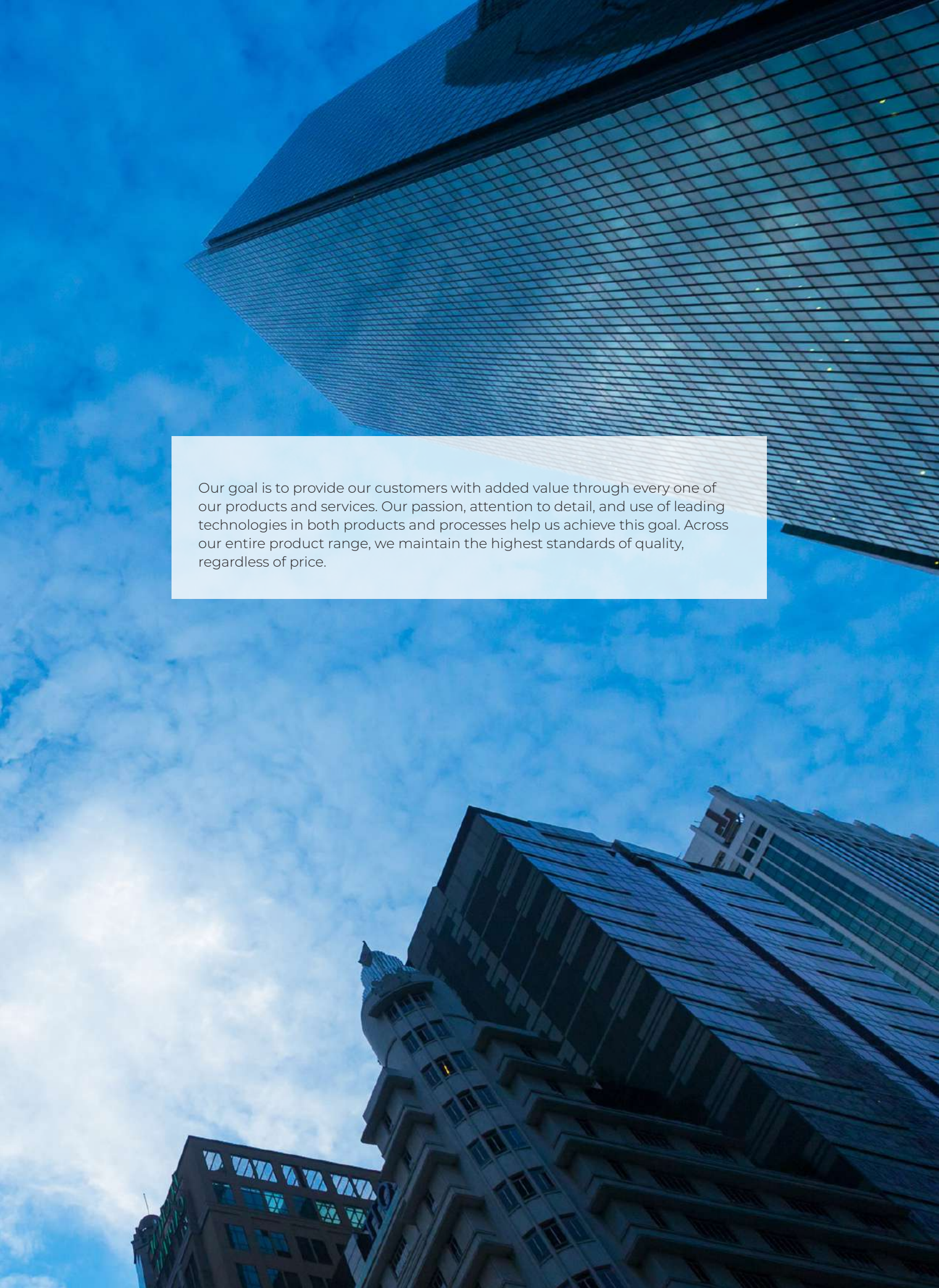
ADVANCED TECHNOLOGY

We are constantly working on further developments of our systems as well as on new developments of components to be able to provide state-of-the-art technology and tailor-made solutions to our customers.

KÖHLER ELEVATOR GmbH is a dynamic, fast-growing, and innovative elevator company with worldwide business connections. The consistent and quick implementation of individual customer requests makes us successful.

Our headquarters are located in Germany, where administration, sales, development, and project management are based. Our team includes engineers with many years of experience in the elevator industry.Our in-house development expertise makes us independent of standard market solutions.

Our innovative technology, combined with lean organizational structures and flexibility, enables us to offer high-quality, customized solutions at an excellent price-performance ratio.



Our goal is to provide our customers with added value through every one of our products and services. Our passion, attention to detail, and use of leading technologies in both products and processes help us achieve this goal. Across our entire product range, we maintain the highest standards of quality, regardless of price.

-2
21 Persons 1600 Kg / K16S04133
ADLER Class 2016 / NO SMOKING
KÖHLER
Elevator&Escalator

CONTENT SYMPHONY

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Cabins	19-33
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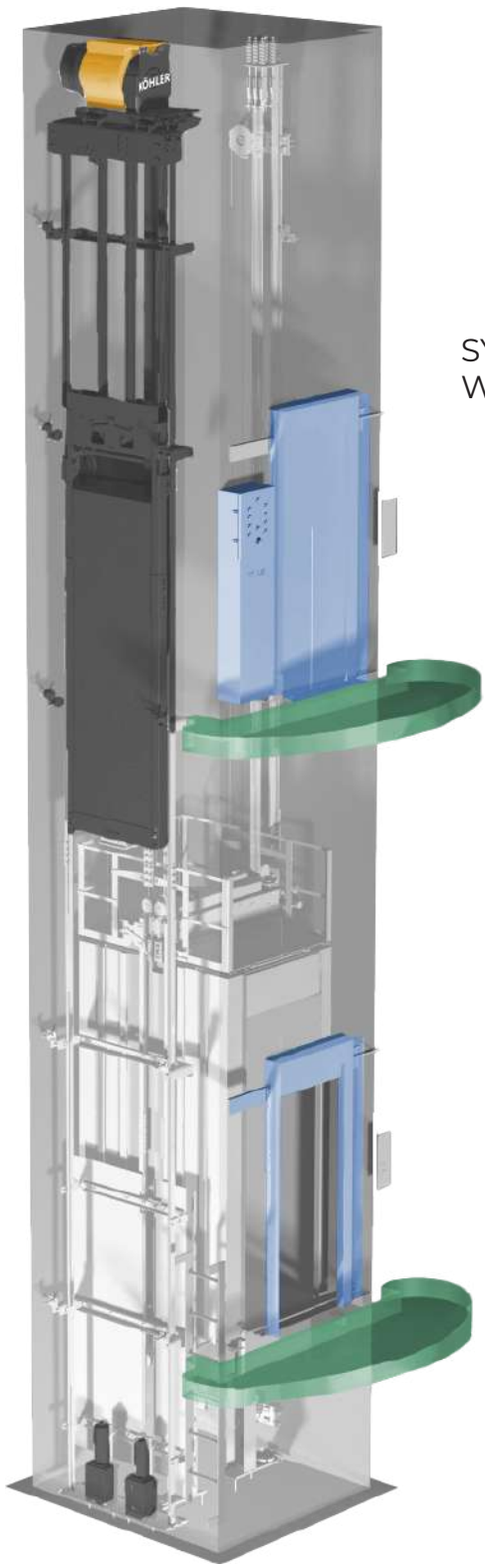
SYMPHONY **OVERVIEW**



SYMPHONY **MRL**
WITH MACHINE ROOMLESS

SYMPHONY is a machine-room-less electric elevator with high ride quality and low noise emission. The system is available in a machineroomless execution or with a small machine room. Symphony is developed and produced self-directed. Being designed for a wide variety of buildings, the modular construction kit provides customized solutions for almost every use case – in single and group control.

The core components were developed and qualified considering strict quality standards according to the latest state of engineering art. Innovation, reliability and efficiency represent the leading principles here.

With the ambition to reach the perfect harmonic interaction of control system, mechanical structure and the drive train, this flexible elevator system has arisen.

Modern technology in combination with approved techniques ensure a quick installation, as well as an uncomplicated and anticipatory maintenance.

Numerous options are available to meet the individual needs of the intended purpose.

SYMPHONY **MRL** is a machineroomless electric rope lift. For this type of elevator, no additional machine room is needed. The gearless drive and the control unit are located in the shaft head. The control unit is usually located in the top landing next to the shaft door, in front of the door frame or integrated inside the door frame.

This space-saving design avoids disruptive roof structures and gains valuable usable space.

1
KÖHLER

Brief overview of ADVANTAGES

- Realization of a shaft pit of minimum 4 ft independent to cabin dimensions.
- With the application of an underslung cabin, regardless of the cabin dimensions, shaft heads of minimum 12 ft 11 in and shaft pits of minimum 4 ft can be realized.
- Cabin widths and cabin depths can be realized in 1/4 in increments.
- Minimal transfer of lateral forces into the side walls of the shaft - advantages in statics and noise transmission.
- Centrally guided overslung ride unit - excellent ride comfort.
- Unlimited possibilities of cabin design.
- Unlimited possibilities of door executions.
- Same technology up to rated speeds of 800 fpm.
- Easy installation and commissioning
  - Pre-assembled and pre-configured components
  - Plug and Play
- Integrated access control in the cabin as standard function.
- Online / GSM service to support commissioning.
- Integrated monitoring system as standard function.
- Preventive maintenance through E-Service.
- Integrated emergency call system via GSM.
- Analog load measuring device as standard function ensures a smooth driving comfort.
- Protection classes of NEMA 3 are possible as an option.

SYMPHONY **DOORS**

We deliver automatic doors in standard:

- **2PS:** Two panel side opening
- **2PC:** Two panel center opening
- **4PC:** Four panel center opening

T-100

T-200

T-300

T-100: Door panels out of powder coated steel or stainless steel brushed

T-200: Glass door panels out of laminated safety glass with full frame out of powder coated steel or stainless steel brushed

T-300: Glass door panels out of laminated safety glass with frame on top and bottom out of powder coated steel or stainless steel brushed

The door frame is made out of powder coated steel or stainless steel brushed at all executions.

STANDARD SURFACE FINISHING

Stainless steel brushed

Powder coating RAL7032

Following fire resistances of the shaft doors type ST-100 are available acc. to EN81-58: E120, EW60, EI30, EI60

Further options are available on demand.

CABIN DOOR

- modern frequency regulated synchronous drive
- noise level <50 dB
- adjustable opening and closing speed
- power consumption in standby mode 4W
- up to 360 cycles per hour
- non-contact monitoring by a high-resolution light curtain
- EN81-20/50 conform

DOOR SILLS

- Aluminum sills are supplied in standard
- Stainless steel sills can be supplied optionally

Aluminium **Stainless steel**

BUTTONS

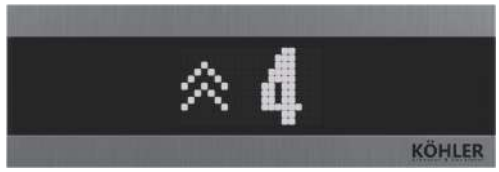
LANDING OPERATING PANELS

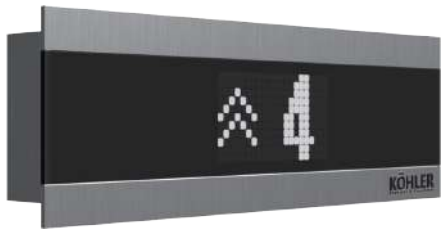
KUP-12

The body is made of matt stainless steel. The elements can be attached to the wall next to the shaft door or to the shaft door frame (observing the rules for required fire protection class).

LANDING INDICATING PANELS

KUP-12





KUL-12

Optionally, full color TFT displays can also be used in the landings. The elements can be mounted on the wall above or next to the landing door.

Shortcut	Explanation
LIP	Landing indicating panel
F	Flat mounted
TFT5	TFT-indicator, 5 = 5 inch
R	Illuminated directional arrows

KUC-12

CABIN OPERATING PANEL KUC-12

Our newly developed exclusive cabin operating panel of the **KUC-12** is equipped with a full color TFT display and allows a flexible positioning inside the cabin by surface mounting.

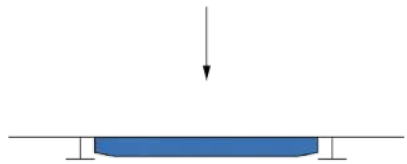
It provides the highest visual overview to the passengers. The height is 50 in.

The **standard version** includes:

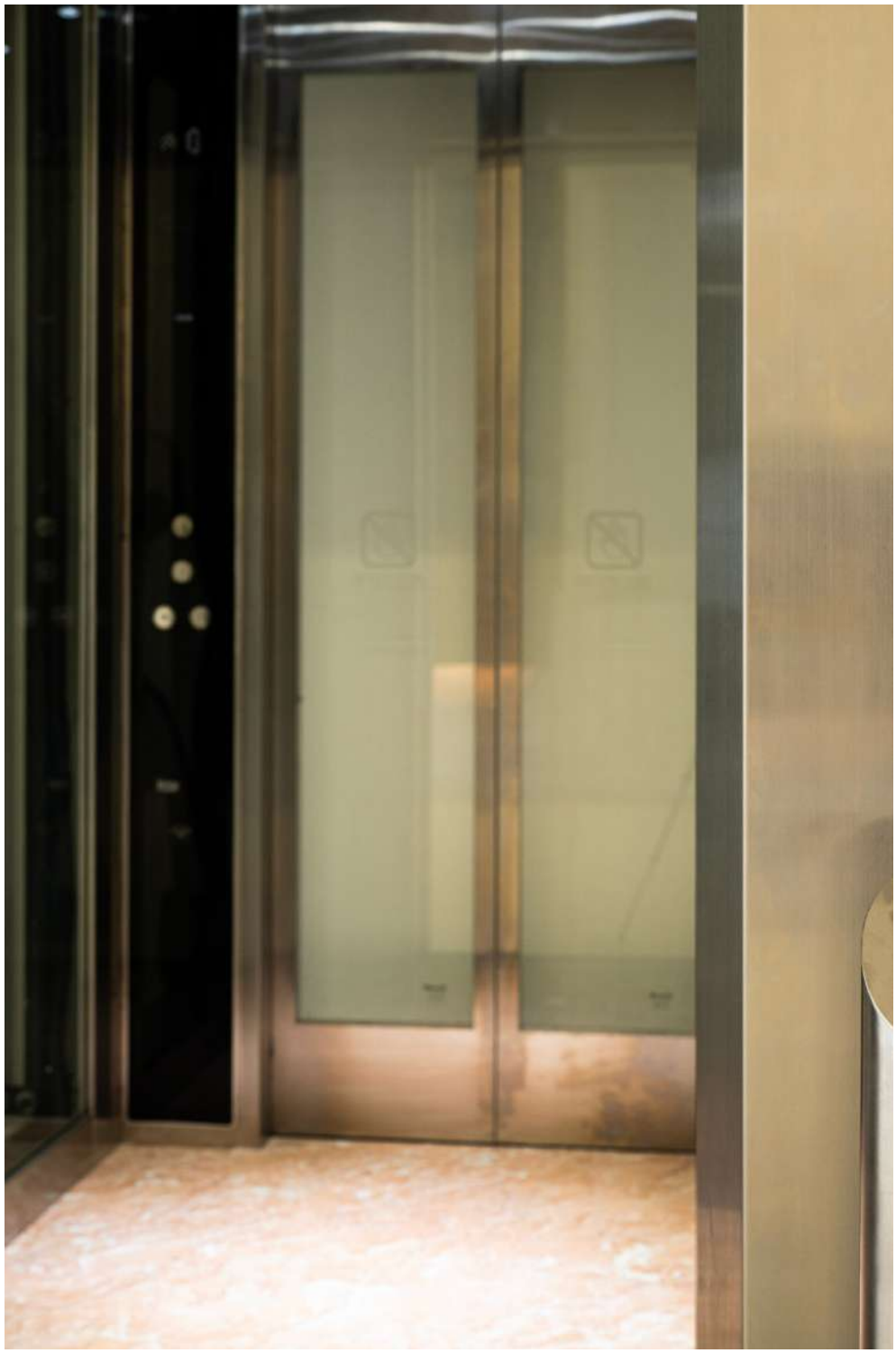
- buttons braille and tactile
- integrated access control via Dallas Key - Reader
- door-close and door-open-button
- intercom
- call cancelation function in the cabin
- type plate
- 5” TFT display
- brushed stainless steel body
- emergency button

The **available options** are:

- VIP key switch
- body made of other materials (e.g. stainless steel linen or powder-coated steel)
- body with LED - Backlight
- preparation for code card reader
- 9” TFT display
- text announcement
- 3-way video communication



SYMPHONY **OPERATING AND INDICATING PANELS**



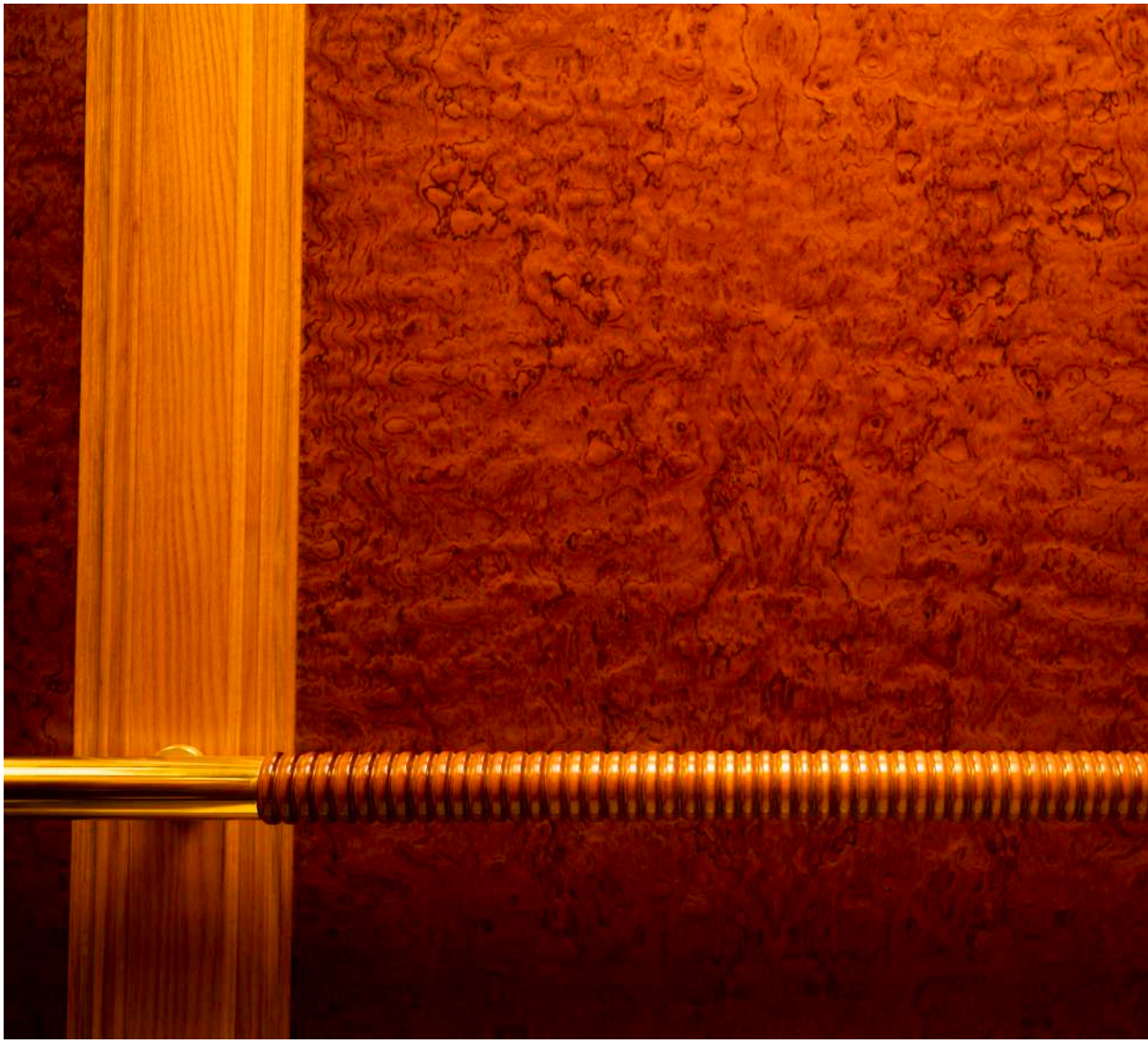
Bringing **Luxurious**, **Elegant** yet **simple design** to Building

ELEGANCE
STAINLESS STEEL

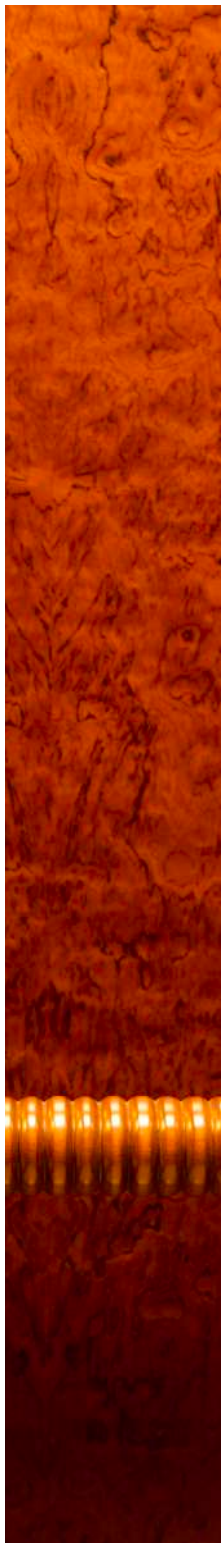
CLASSIC
POWDER COATING

AMBIENTE
GLASS

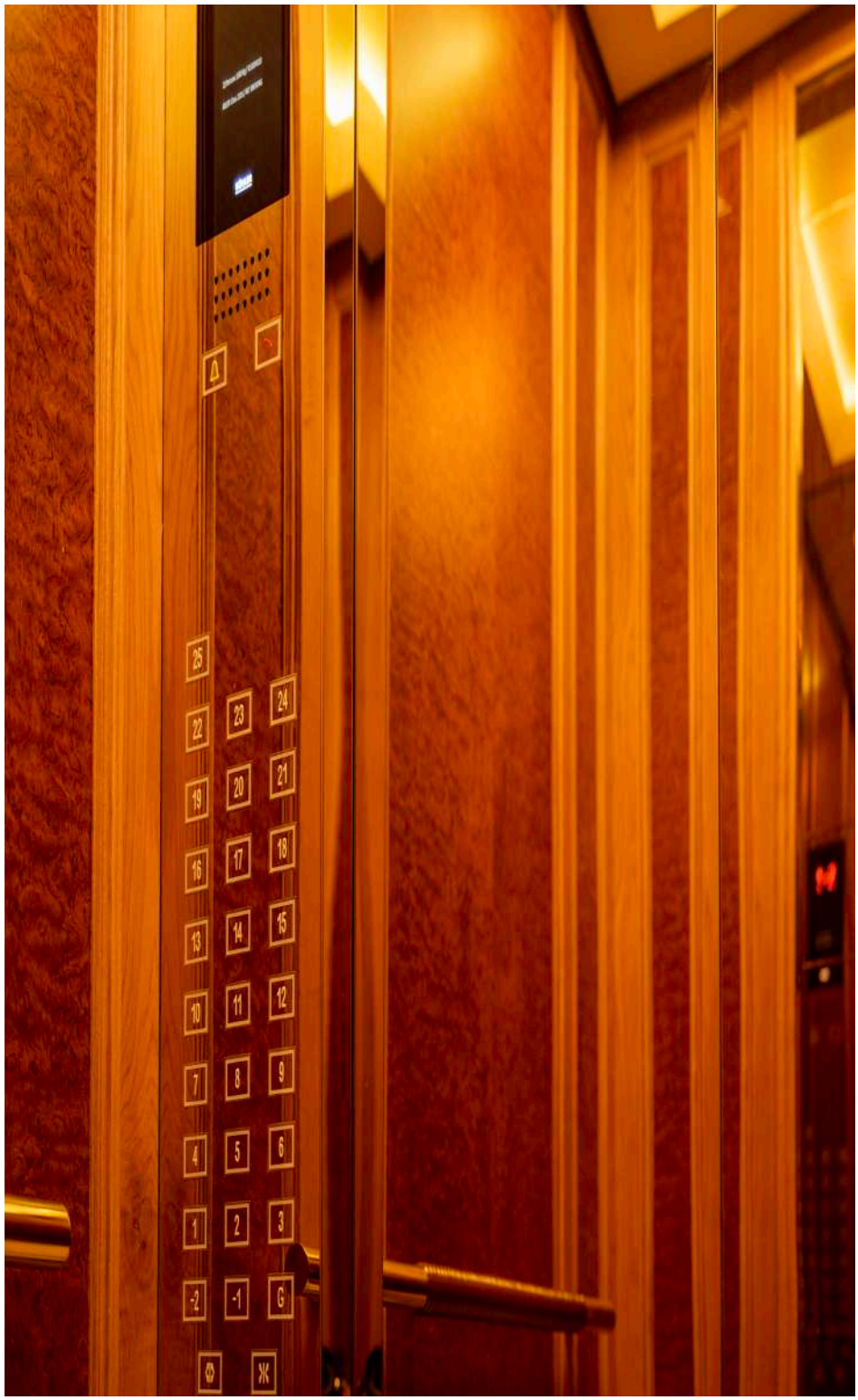
PANORAMA
SPECIAL CABINS



Discover
excellence in
design and
functionality.



Hand Crafted Cabin Designs of **Supreme Quality**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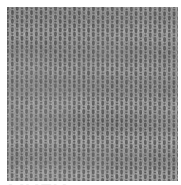
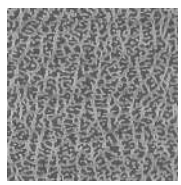
ELEGANCE
STAINLESS STEEL

BRUSHED

BRONCE BRUSHED


LINEN

GOLD BRUSHED


LEATHER

BRONCE POLISHED

POLISHED

GOLD POLISHED

Standard scope of supply

Walls: Stiff car panel construction in brushed stainless steel.

Other stainless steel designs are available according to our «Stainless Steel Design Collection».

Ceiling: Traversable, suspended ceiling made of brushed stainless steel with matt-white acrylic glass and fluorescent tubes or optionally with LED lighting. Other versions are available acc. to «accessories ceilings».

Flooring: Linoleum. Further variants are available acc. to «Accessories floor coverings».

Skirting: brushed stainless steel.

Car entrance panels: brushed stainless steel.

Mirror: safety glass with polishes edges, ½ height on back wall.

Car operating panel: integrated column panel of the **F Series** or surface mounted panel of the **S Series**.

CLASSIC
POWDER COATED

PURE WHITE RAL9010

GREY RAL9022

YELLOW RAL1023

RED RAL3002

PASTEL BLUE RAL5024

PASTEL GREEN RAL6019

LIGHT GREY RAL7035

BLACK RAL9004

Standard scope of supply

Walls: Stiff car panel construction out of powder coated steel according to our «RAL Colors Collection».

Ceiling: Traversable, suspended ceiling made of powder coated steel (RAL 9010) with matt-white acrylic glass and fluorescent tubes or optionally with LED lighting. Other versions are available acc. to «accessories ceilings».

Flooring: Linoleum. Further variants are available acc. to «Accessories floor coverings».

Skirting: powder coated steel.

Car entrance panels: powder coated steel.

Mirror: safety glass with polishes edges, ½ height on back wall.

Car operating panel: integrated column panel of the **F Series** or surface mounted panel of the **S Series**.

AMBIENTE
GLASS

PURE WHITE RAL9010

RED RAL1586

IVORY RAL1014

LIGHT BROWN RAL1236

WHITE ALUMINIUM RAL9006

RED ORANGE RAL2001

METAL BLUE RAL1435

LUM GREEN RAL1164

Standard scope of supply

Walls: Stiff car panel construction out of zinced steel cladded with glass panels acc. to our «Glass Panel Collection».

Ceiling: Traversable, suspended ceiling made of brushed stainless steel with matt-white acrylic glass and fluorescent tubes or optionally with LED lighting. Other versions are available acc. to «accessories ceilings».

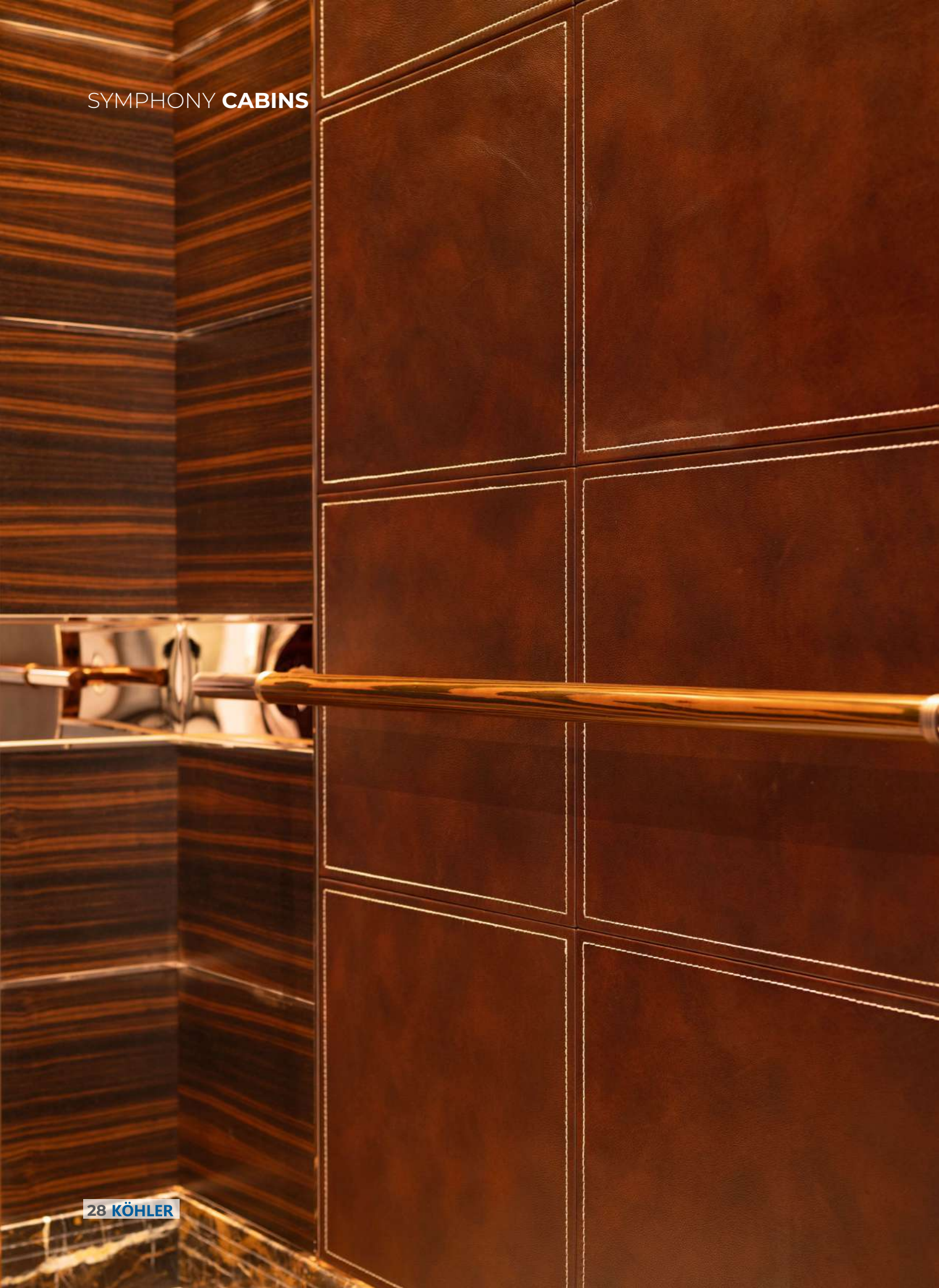
Flooring: Linoleum. Further variants are available acc. to «Accessories floor coverings».

Skirting: brushed stainless steel.

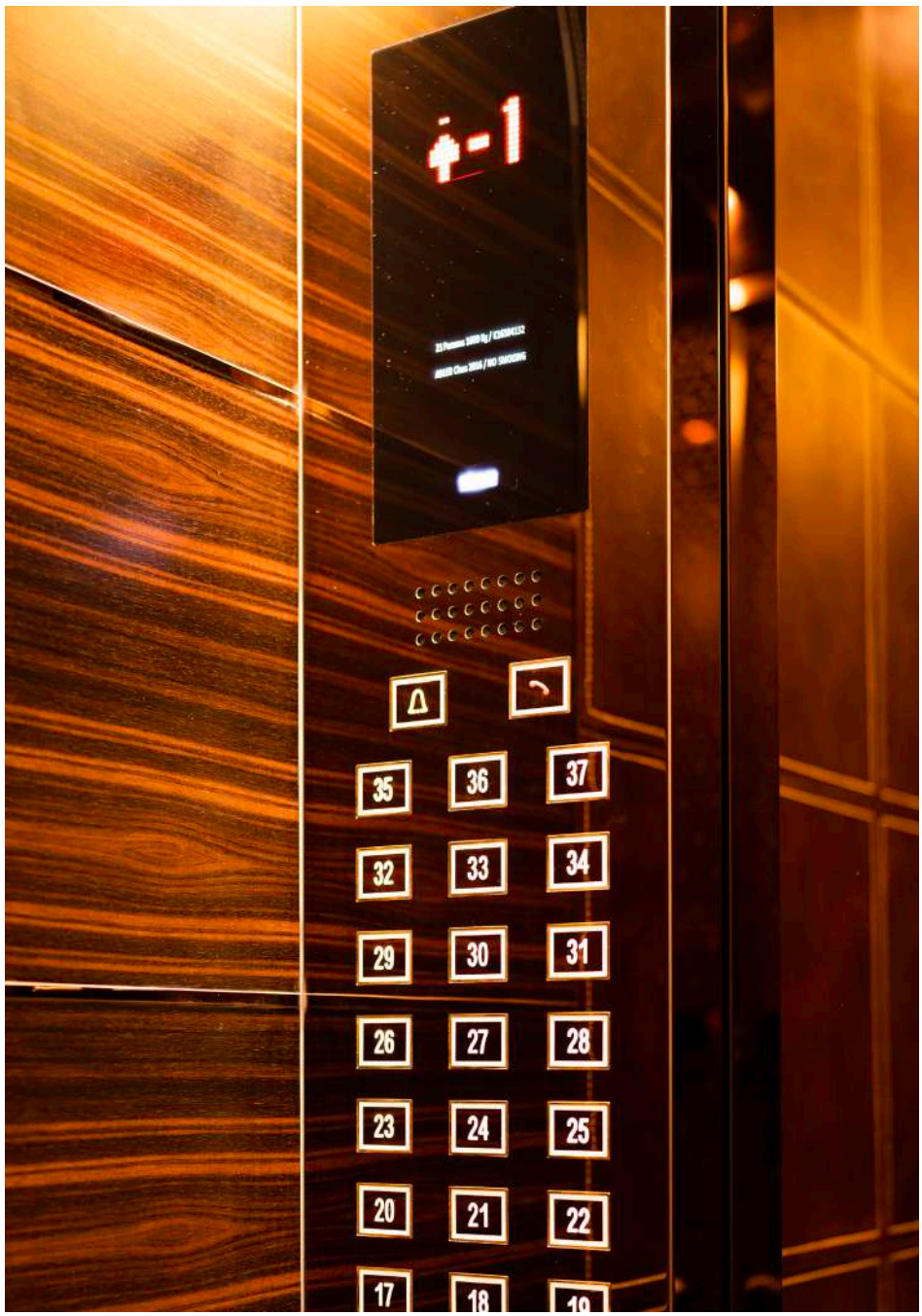
Car entrance panels: brushed stainless steel.

Mirror: safety glass with polishes edges, ½ height on back wall.

Car operating panel: integrated column panel of the **F Series** or surface mounted panel of the **S Series**.



Quality Meets Modern Beauty In your Buildings



PANORAMA
SPECIAL CABINS

Individual design
Various geometric shapes
Unlimited design possibilities
Framed and frameless execution
Exclusive materials

ACCESSORIES
FLOORING

LINOLEUM

BLACK

QUARTZ GREY

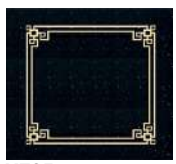
DARK GREY

GREEN

KRON

BROWN

MARBLE

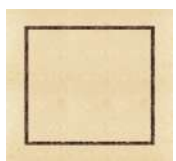

KF05

KF33

KF34

KF35

KF1601


KF1603

KF1604

KF1605

KF1606

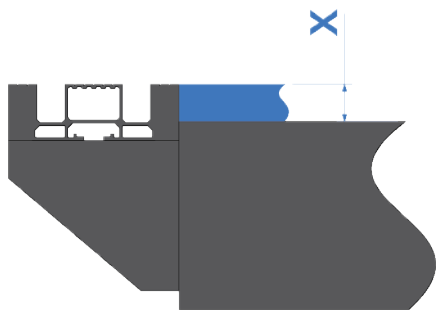
KF1607

KF1609

KF1610

Lowering for on-site flooring

For an on-site floor covering (e.g. tiles) a floor lowering X of 10 - 40mm can be provided.

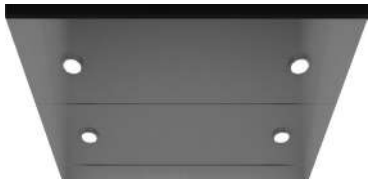


ACCESSORIES
HANDRAILS

KHL-9707
Straight pipe out of natural stainless steel

KHL-9014
Curved pipe out of natural stainless steel

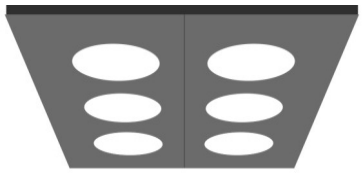
ACCESSORIES
CEILINGS



ZD-01

ZD-05

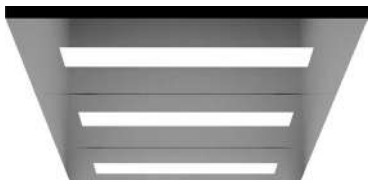
ZD-02



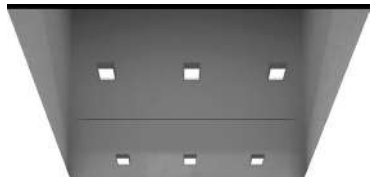
ZD-06

ZD-03

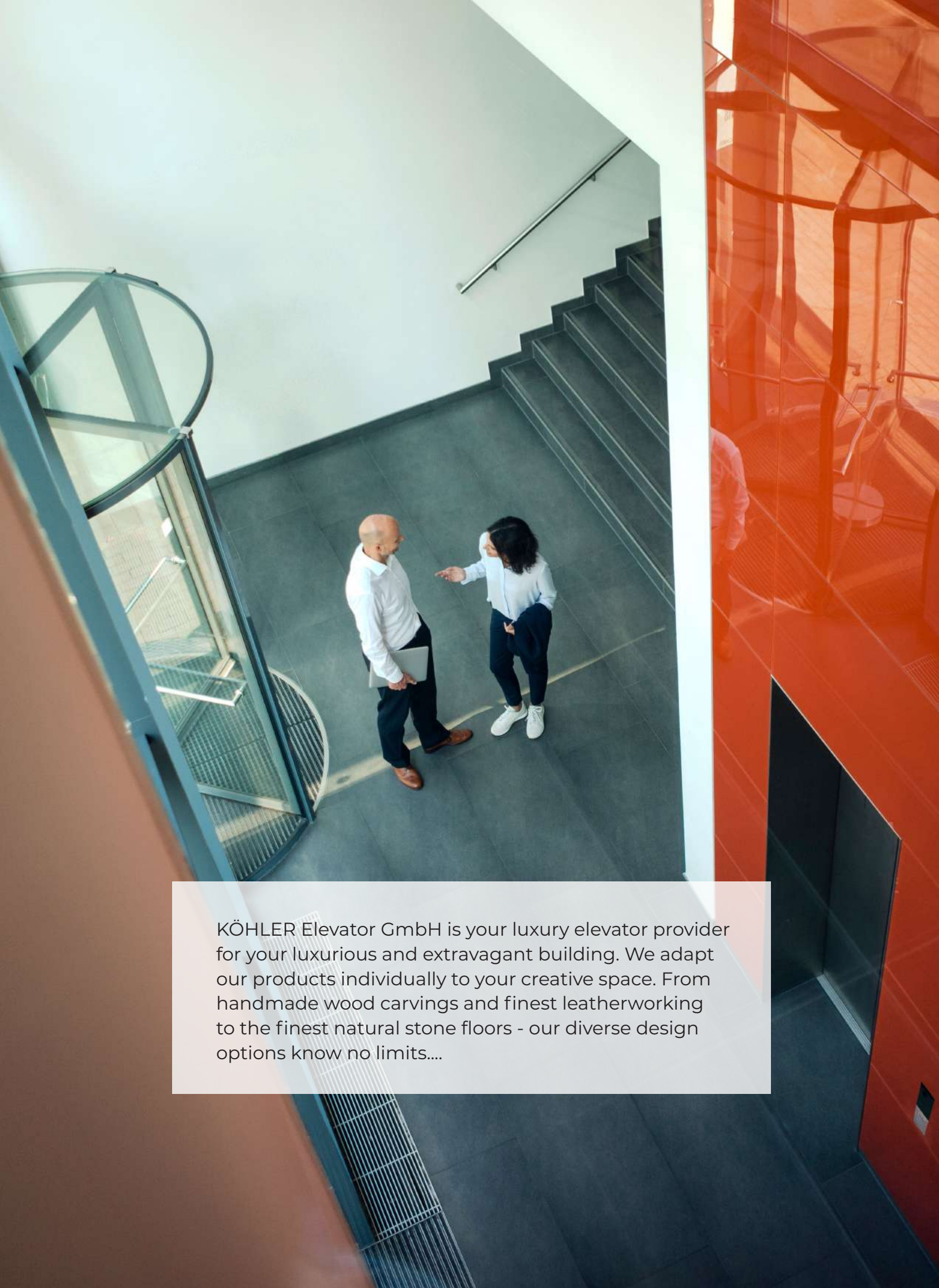
ZD-07



ZD-04



ZD-08



KÖHLER Elevator GmbH is your luxury elevator provider for your luxurious and extravagant building. We adapt our products individually to your creative space. From handmade wood carvings and finest leatherworking to the finest natural stone floors - our diverse design options know no limits....

ELEVATOR CONTROL SYSTEM KM-12

KM-12 represents a next-generation control system designed for both traction and hydraulic lifts. This system offers state-of-the-art technology along with emphasis on maximum operational reliability.

SYSTEM FEATURES

Standards	ASME 17.1
Application	new installations / modernization
Installation of control unit	machine room / landing / integrated in door panel / shaft
Human interface	- parametrization panel with LCD display inside the control unit - remote control by laptop, tablet or smartphone
Processor	micro-processor
Type of lifts	regulated and unregulated rope and hydraulic lifts
Rated speed	maximum 4 m/s / 800 FPM
Number of stops	maximum 60
Group control	maximum 8 lifts

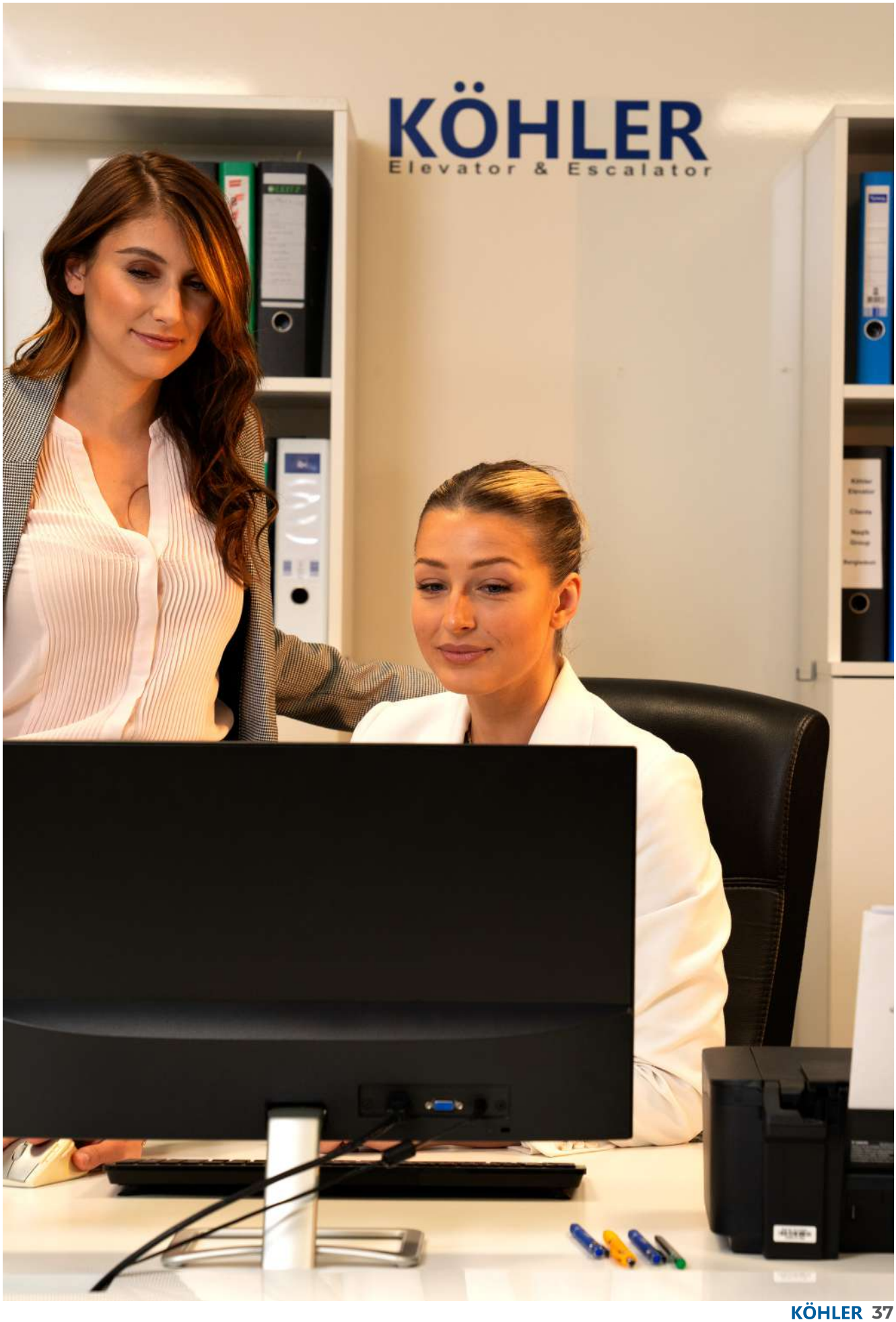
CONTROL FUNCTIONS

STANDARD FUNCTIONS

Ref. Nr.	Description
CF-01	Directional dependent collective control
CF-02	Full collective control
CF-03	Priority control via dallas reader
CF-04	Access control via dallas reader
CF-05	Call cancellation in the cabin
CF-06	Intercom system between car, control and shaft pit (EN81-20/50)
CF-07	Standby mode cabin light, control system and inverter
CF-08	analog load measurung device
CF-09	Prevention of abuse of commands in the cabin
CF-10	emergency horn
CF-11	Emergency call system GSM
CF-12	Emergency light in the cabin, car roof and control box (EN81-20/50)
CF-13	Parking function in a defined stop
CF-14	Door-open and door-close button
CF-15	Non-contact monitoring by a high-resolution light curtain
CF-16	Online monitoring system
CF-17	E-Service for mainnenance
CF-18	Bypass function at full cabin

OPTIONAL FUNCTIONS

Ref. Nr.	Description
CF-19	Group control duplex
CF-20	Group control triplex
CF-21	Group control quadroplex
CF-22	Arrival gong
CF-23	Text announcment in the cabin
CF-24	Automatic static evacuation in case of fire (detectors provided by customer)
CF-25	Automatic dynamic evacuation in case of fire (detectors provided by customer)
CF-26	Automatic rescue in case of power failure (by on-site generator)
CF-27	Automatic rescue device in case of power failure load dependent to the next landing
CF-28	Automatic rescue device in case of power failure load independent to a defined landing
CF-29	Preparation for a customer-side card reader
CF-30	Re-levelling of the cabin
CF-31	Pre-opening of door
CF-32	Preparation for a customer BMS (Building Management System)
CF-33	Priority control via key switch
CF-34	Acoustic signal on button acivation in the cabin
CF-35	Acoustic signal on button activation in the landing
CF-36	Release of the buttons in the cabin by means of a key switch
CF-37	Penthouse control
CF-38	Preparation for a customer video camera in the cabin
CF-39	video camera in the cabin
CF-40	Advertising and information display in the cabin
CF-41	Shaft lighting
CF-42	Energy recovery through inverter


KÖHLER
Elevator & Escalator

ADVANTAGES OF KM-12

MODERN AND PROVEN COMPONENTS - HIGH QUALITY GUARANTEE

At the selection of our control components, we attach great importance to safety and durability. Only this way can we achieve a long-term satisfaction of our customers.

INTEGRATED ACCESS CONTROL IN THE CABIN - STANDARD FEATURE

Every elevator of KÖHLER Elevator is equipped with an access control system in the cabin. This allows to define individual access rights. In Standard, a dallas reader is used here.

INTEGRATED MONITORING SYSTEM – STANDARD FEATURE

Every elevator of KÖHLER Elevator is equipped with an online monitoring system.
With the Lift Online Monitor, the elevator operator can monitor his elevators via the internet.

PREVENTIVE MAINTENANCE BY E-SERVICE

Maintenance companies receive a tool for remote maintenance.
This system provides various evaluations and usage statistics of the elevator. In addition, a factory online support can be provided Commissioning or maintenance are provided.

ADVANTAGES OF KM-12

CONTACTORLESS TECHNOLOGY - SILENT OPERATION

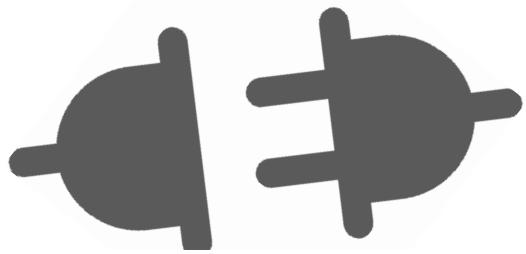
By means of contactorless technology, the noisy operation of the motor contactors is avoided.

EASY COMMISSIONING – FACTORY PRE-CONFIGURATION

Each control is preconfigured and pre-parameterized order wise. Additional functions such as autotuning of the drive and automatic shaft learning accelerate the commissioning process.

EASY INSTALLATION - PLUG AND PLAY

The single components of the controller are largely pre-wired, pre-assembled and connected to each other by plugs.



HIGH ENERGY EFFICIENCY - ENERGY EFFICIENCY CLASS A ACC. TO VDI 4707 POSSIBLE

For high energy efficiency we use gearless, frequency controlled permanent magnet drives.
In standby mode during rest periods, the energy consumption of the system is reduced to a minimum.

INTEGRATED REMOTE TELEPHONE SYSTEM WITH GSM

According to EN81-28, every lift is equipped with an emergency call device. Even in the event of a power failure, it will be supplied by the control›s own emergency power supply. This device is also used as a communication medium for the online monitoring system and E-SERVICES.

SYMPHONY MRL is a machine roomless electric steel rope elevator.

For this type of elevator, no additional machine room is needed. The gearless drive and the control unit can be located in the shaft head. The control unit is located in the top landing next to the shaft door, in front of the door frame or integrated inside the door frame, also available with controller room or closet.

KÖHLER MRL Passenger Elevator Product Overview			
Maximum Travel Height	100'	140'	160'
Maximum Number of Stops	10	14	16
Speed (fpm)	150(0.76)	200(1.02)	350(1.78)
Capacity	2,100-4,500		

Overhead Clearance under the hoist beam	150 (fpm)	200 (fpm)	350 (fpm)
8'-0" Car Height	12'-11"	13'-00"	14'-2"
9'-10" Car Height	14'-9"	14'-11"	15'-11"
Minimum pit depth	5'-0"		5'-6"

Control Box Dimensions			
Option 1	Controller On Door Jamb	9' x 5'-9"	(WxD)
Option 2	Control Room	6'-0" x Shaft Depth x 8'-0"	(WxDxH)
Option 3	Duplex Control Room	8'-0" x Shaft Depth x 9'-0"	(WxDxH)
Option 4	Control Closet	1'-6" x 1'-9" x 7'-0"	(WxDxH)

Notes:

1. In accordance with the **Safety Code for Elevators ASME A17.1**, please contact your local KÖHLER Elevator representative for clear overhead dimensions.
2. Clear car dimensions may vary depending on interior finishes.
3. Clear cab height varies based on ceiling type and floor recess.
4. Doors with right or left openings are available as optional diagonal doors. If required for stretcher compliance, please contact your local KÖHLER Elevator Sales Representative for more details.
5. Multi-car groups or smaller dimensions are available upon request.
6. Clear overhead is defined as the distance from the lowest point below any obstruction, hoist beam, or building beams.
7. Power supply is 3-phase; a 110V disconnect must be located both in the hoistway overhead and in a location outside of the hoistway within the building.
8. These dimensions are for reference only and cannot be used for construction purposes without confirmation from KÖHLER Elevator.
9. The hoistway dimensions shown above include installation margins and seismic provisions. The hoistway width dimensions represent nominal values with a ±2" tolerance, evenly distributed on both sides.
10. For improved efficiency, we recommend increasing hoistway width dimensions by 2".
11. For a duplex elevator system (2-car group or more), provide a double hoistway by adding a 4" hoist beam divider. Multiply, accordingly, to determine the total hoistway dimensions for multiple elevators.

Important Remark:
For better planning, we recommend contacting your local KÖHLER Elevator representative before beginning your project.

DIMENSIONS &PERFORMANCE MATRIX
Standard Products and Planning Guide

2100 lbs KÖHLER

Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
7'-7" Non Seismic	5'-9" Singel Opening	5'-8 5/16"	4'-3 9/16" Single Opening	3'-0" W 7'-0" H 2 Panel Side Opening
7'-11" Seismic	6'-3 1/4" Car Through		4'-2 13/16" Car Through	

2500 lbs KÖHLER

Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
8'-4" Non Seismic	5'-9" Singel Opening	6'-5 3/8"	4'-6 1/8" Single Opening	3'-6" W 7'-0" H 2 Panel Central Opening
8'-8" Seismic	6'-3 1/4" Car Through		4'-6" Car Through	

3000 lbs KÖHLER

Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
8'-4" Non Seismic	6'-3" Singel Opening	6'-2 1/8"	5'-1 5/8" Single Opening	3'-6" W 7'-0" H 2 Panel Central Opening
8'-8" Non Seismic	6'-11 7/8" Car Through		5'-3 3/8" Car Through	

3500 lbs KÖHLER

Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
8'-4" Non Seismic	6'-11" Singel Opening	6'-2 1/8"	5'-9 5/8" Single Opening	3'-6" W 7'-0" H 2 Panel Central Opening
8'-8" Non Seismic	7'-6" Car Through		5'-9 1/2" Car Through	

4000 lbs KÖHLER

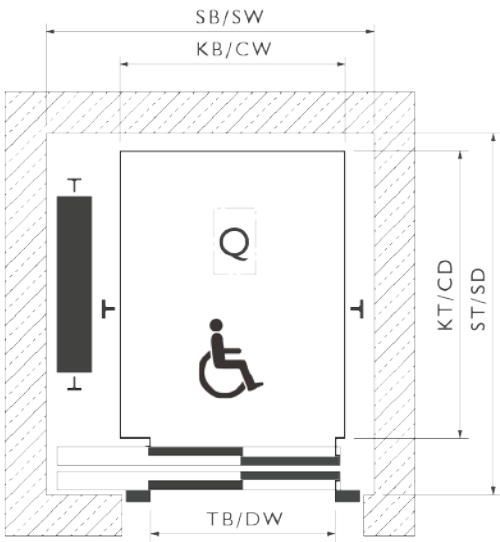
Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
9'-4" Non Seismic	6'-11" Singel Opening	7'-2 1/8"	5'-9 5/8" Single Opening	4'-0" W 7'-0" H 2 Panel Central Opening
9'-8" Seismic	7'-6" Car Through		5'-9 1/2" Car Through	

4500 lbs KÖHLER

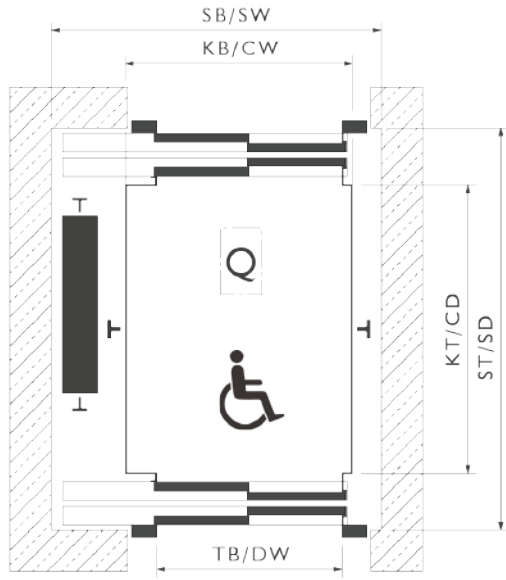
Hoistway Width	Hoistway Depth	Cabin Width	Cabin Depth	Door Dimensions
9'-7" Non Seismic	7'-2" Singel Opening	7'-5 1/8"	6'-0 5/8" Single Opening	4'-0" W 7'-0" H 2 Panel Central Opening
9'-11" Seismic	7'-9" Car Through		6'-0 1/2" Car Through	

CROSS SECTIONS

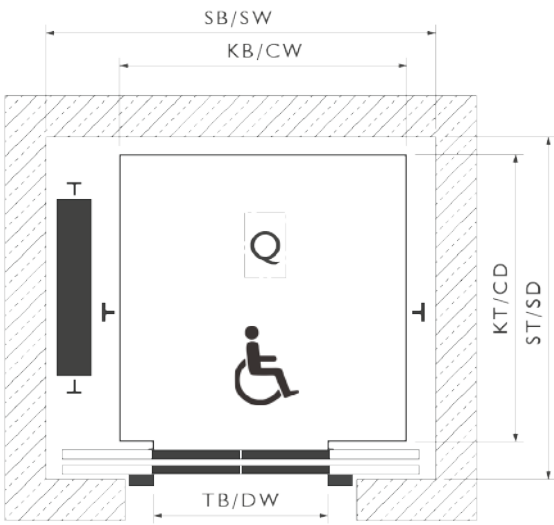
2PS – 2 panel side opening single entrance – 1 entrance



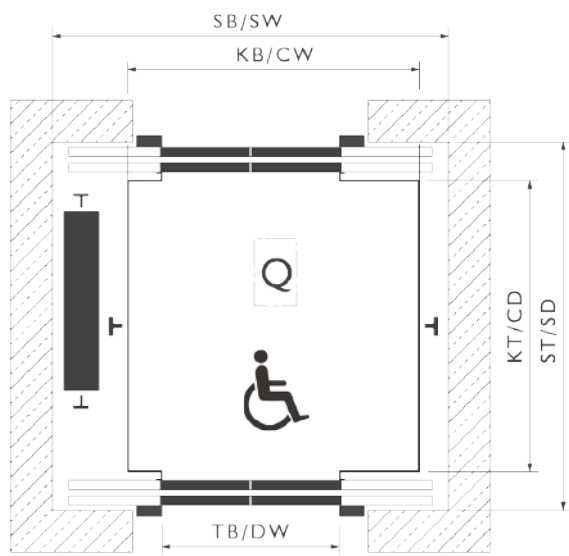
2PS – 2 panel side opening open through – 2 entrances



2PC – 2 panel central opening single entrance – 1 entrance

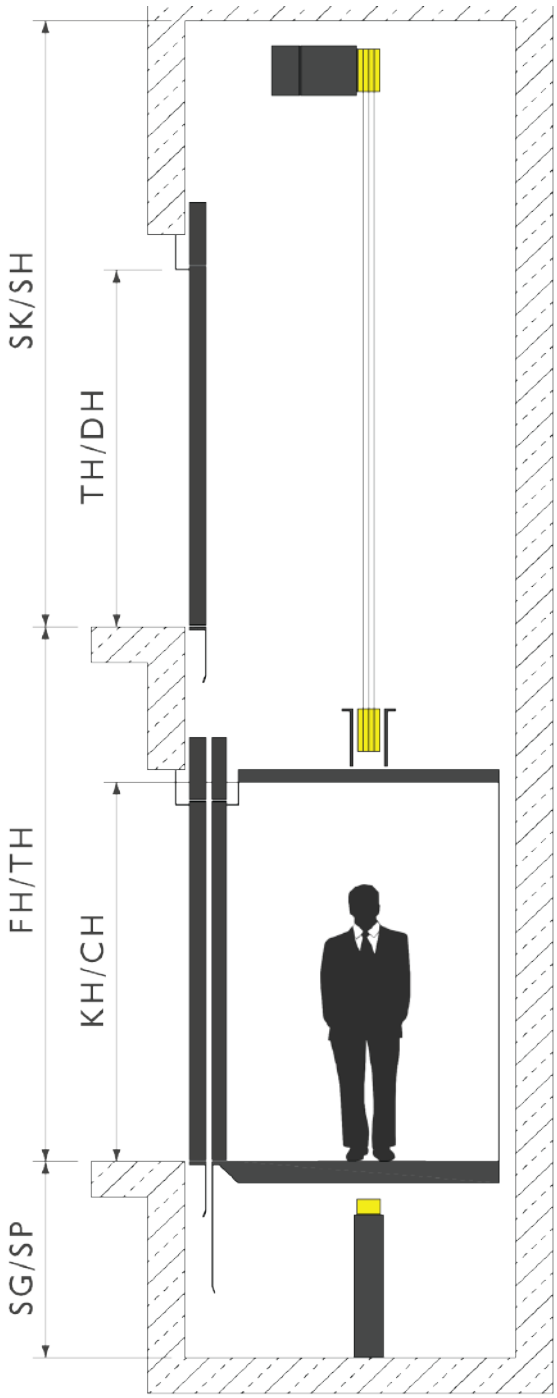


2PC – 2 panel central opening open through – 2 entrances

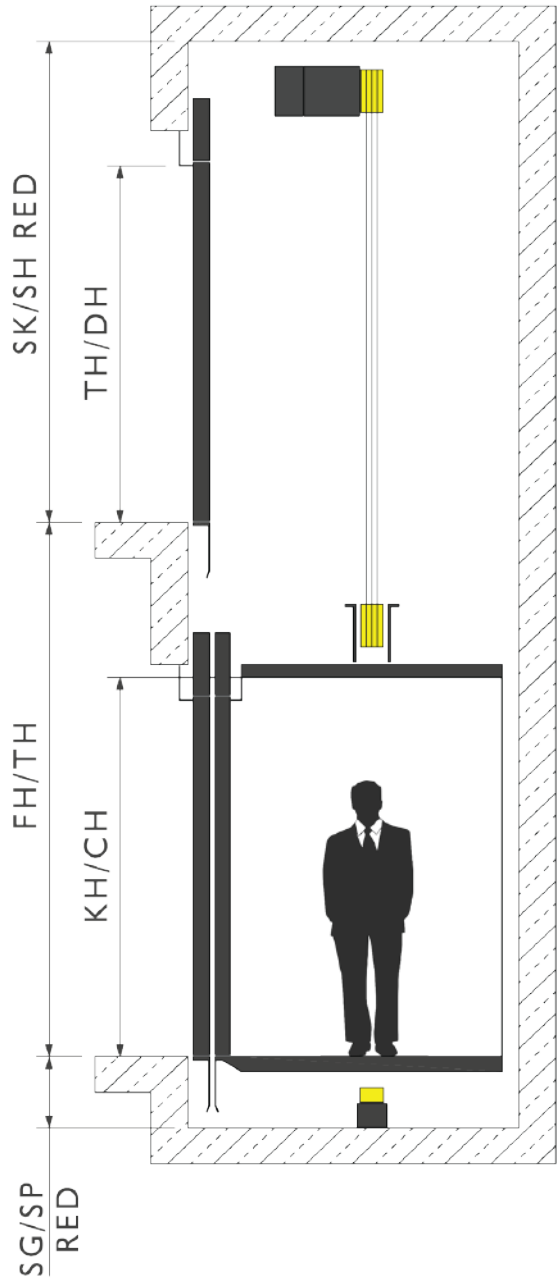


VERTICAL SECTIONS MRL

STANDARD SHAFT HEAD
STANDARD SHAFT PIT



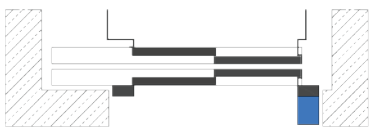
REDUCED SHAFT HEAD
REDUCED SHAFT PIT



CONTROL CABINET MRL

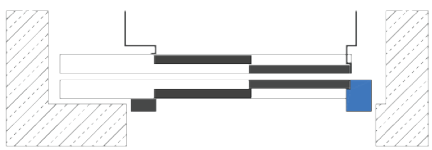
COMPACT IN FRONT OF THE DOOR FRAME

- separate slim control cabinet in front of the door frame
- compact arragment
- doors with fire protection applicable
- for central and side opening doors



COMPACT INSIDE THE DOOR FRAME

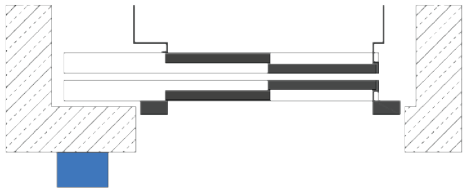
- control cabinet integrated into the door frame
- most compact arragment
- doors with fire protection not applicable
- side opening doors only

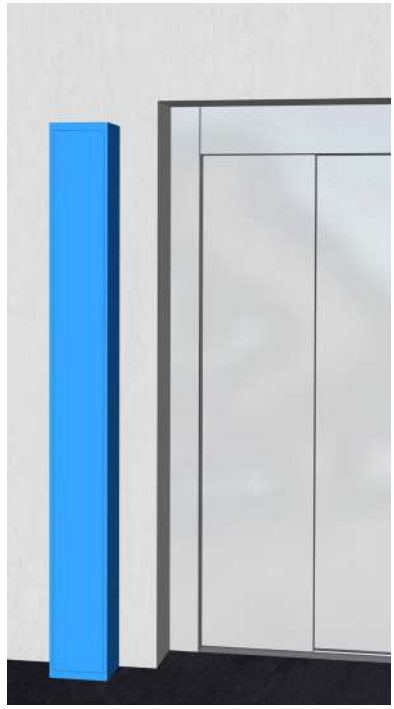


CONTROL CABINET MRL

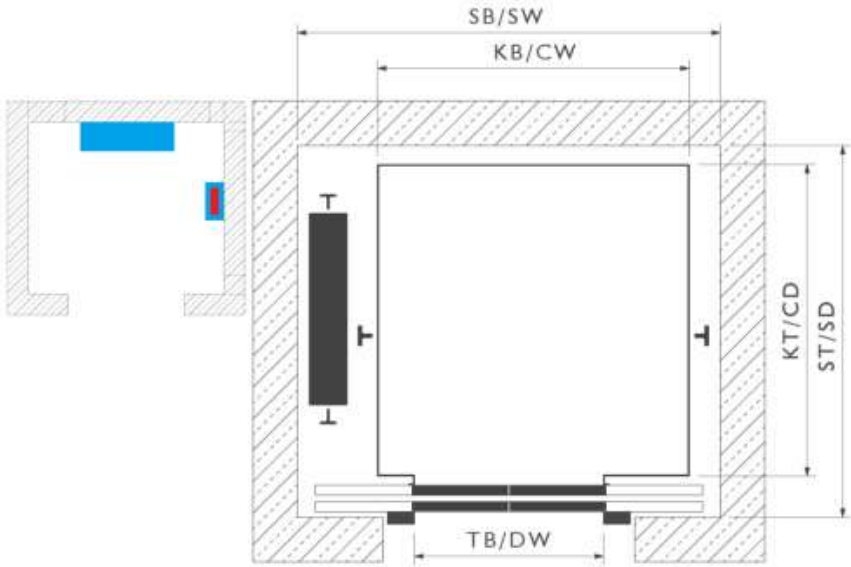
SEPARATE CONTROL CABINET

- separate flexibly positionable control cabinet
- most maintenance friendly
- doors with fire protection applicable
- independent to door execution





CONTROL ROOM



PERFORMANCE MATRIX
machineroomless with already Built Hoistway

SYMPHONY MRL ASME A17.1																				
Rated load **Q** up to	lbs	1000			1390				2200				3500				4400			
Suspension		2:1			2:1				2:1				2:1				2:1			
Rated speed v_N	fpm	200	350	500	200	350	500	600	200	350	500	600	200	350	500	600	200	350	500	
Travel height **TH** max.	feet	131	197	197	131	197	197	197	131	197	197	262	131	262	262	262	131	262	262	
Open through **OT**		optional																		
SHAFT DIMENSIONS																				
Shaft width **SW** min.	inch	KB + 1'-8"			KB + 1'-8"				KB + 1'-8"				KB + 1'-10"				KB + 2'-0"			
Shaft width **SW** max.	inch	3'-7"			3'-7"				3'-7"				3'-11"				4'-3"			
Shaft depth **SD** min.	inch	KT + KP + 3"			KT + KP + 3"				KT + KP + 3"				KT + KP + 3"				KT + KP + 3"			
SD at **OT**	inch	KT + 2x TP			KT + 2x TP				KT + 2x TP				KT + 2x TP				KT + 2x TP			
Shaft pit **SP**	inch	5"	5-4"	5-8"	5"	5-4"	5-8"	6"	5"	5-4"	5-8"	6"	5"	5-4"	5-8"	6"	5"	5-4"	5-8"	
Shaft head **SH** min.	inch	KH+ 3'-11"	KH+ 4'-7"	KH+ 4'-11"	KH+ 3'-11"	KH+ 4'-7"	KH+ 4'-11"	KH+ 6'-1"	KH+ 3'-11"	KH+ 4'-7"	KH+ 4'-11"	KH+ 6'-1"	KH+ 4'-3"	KH+ 4'-11"	KH+ 5'-3"	KH+ 6'-5"	KH+ 4'-7"	KH+ 5'-3"	KH+ 5'-9"	
DOORS																				
Door width **DW**	inch	3' - 3'-6"			3' - 4'				3' - 4'				3' - 4'-6"				3' - 6'-6"			
Door height **DH**	inch	7' - 8'			7' - 8'				7' - 8'				7' - 8'				7' - 8'			
Door type	inch	2PS/4PC			2PS/2PC/4PC				2PS/2PC/4PC				2PS/2PC/4PC				2PS/2PC/4PC			
Door package **DP** (frame on landing)	inch	11"/11"			11"/8"/11"				11"/8"/11"				11"/8"/11"				11"/8"/11"			
Door package **DP** (frame in shaft)	inch	12"/12"			12"/9"/12"				12"/9"/12"				12"/9"/12"				12"/9"/12"			
CABIN DIMENSIONS																				
Cabin width **CW**	inch	3' - 3'-7"			3' - 4'-11"				3'-3" - 6'-11"				3'-11" - 6'-11"				4'-7" - 6'-11"			
Cabin depth **CD**	inch	3'-7" - 4'-7"			3'-7" - 5'-11"				3'-7" - 7'-3"				4'-7" - 8'-2"				5'-3" - 8'-10"			
Cabin height **CH** rough	inch	6'-11" - 8'-10"			6'-11" - 8'-10"				6'-11" - 8'-10"				6'-11" - 8'-10"				6'-11" - 8'-10"			
Standard dimensions **CW x CD x CH**	inch	3'-3" x 4'-1" x 7'-3"			3'-7" x 4'-7" x 7'-3"				3'-7" x 6'-11" x 7'-3" 5'-3" x 4'-7" x 7'-3"				4'-7" x 7'-11" x 7'-3" 5'-3" x 6'-11" x 7'-3"				4'-11" x 8'-10" x 7'-7" 5'-9" x 7'-7" x 7'-3"			

This table intends to give an orientation. different executions are possible on demand.

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Elevator & Escalator

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