



Schindler 7000

Innovative solutions for high-rise buildings

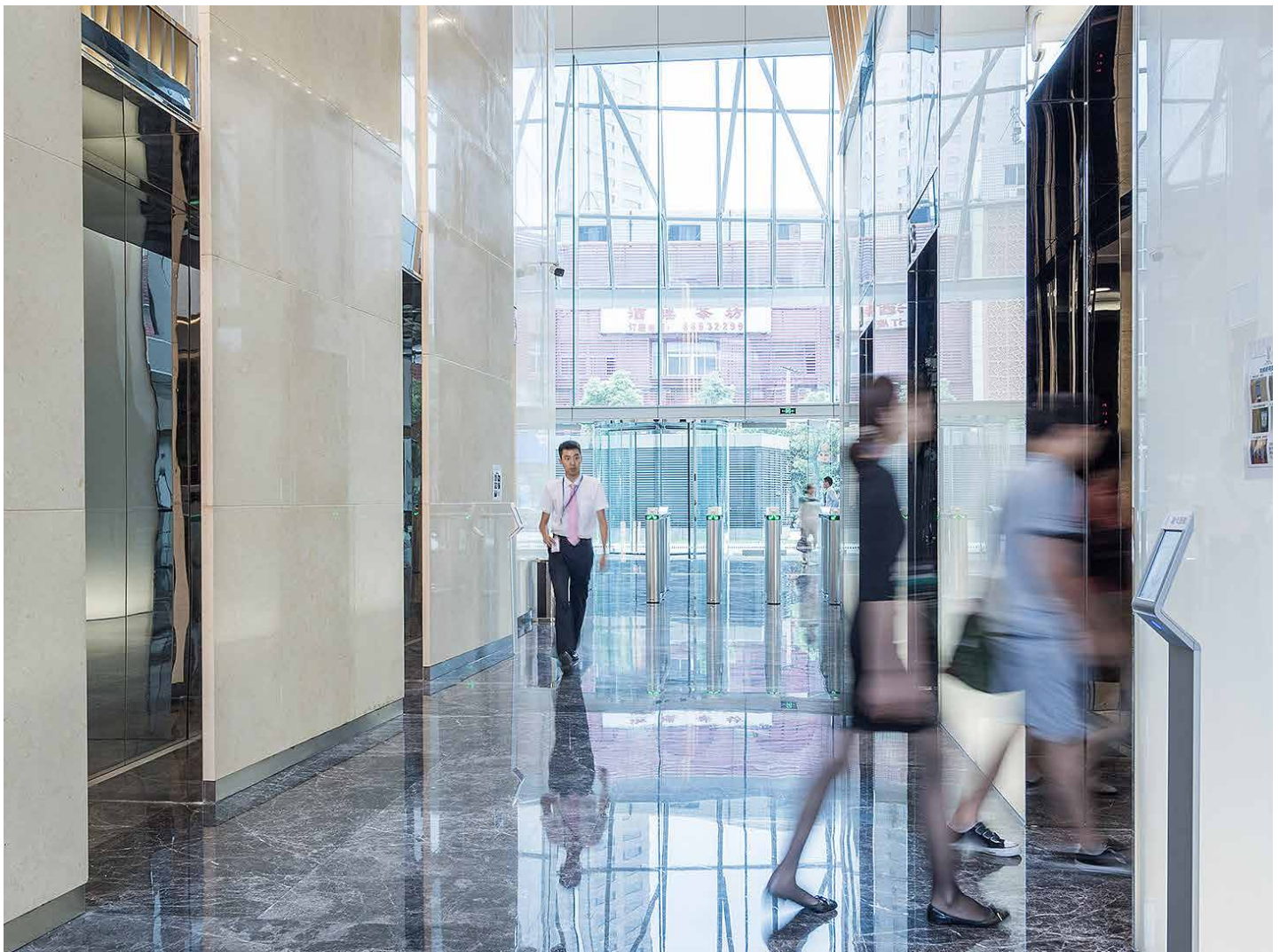


Federation Tower, Moscow, Russia



Imagine your high-rise building as a complete organism: it has its duties, traits and life cycle. Our approach is to embrace it in its entirety and prepare it for the future with the most fitting Schindler 7000 solutions.

In collaboration with your project team, our experts will work out the best solution for a perfect stream of people and goods.



Schindler 7000

Impressive, powerful and effective

Schindler 7000 combines excellent high-rise performance with maximum flexibility – for any rise up to 500 m, speed up to 10.0 m/s and in groups up to 8 cars*. The flexibility also includes the design, dimensions, configurations and applications.

Schindler 7000 is part of the new, modular-platform product range which perfectly matches the diverse demands of office buildings, hotels, residential or mixed-use buildings.

Key figures (passenger and goods elevators)

| | |
|----------------------|---|
| Capacity | Single-deck: 800 - 2000 kg Double-deck: 2 x 1250 - 2000 kg Goods: 1000 - 5000 kg |
| Travel height | Up to 500 m and 150 floors |
| Speed | 1.0 - 10.0 m/s |
| Drive system | Machine room, eco-friendly regenerative drive technology, frequency controlled |
| Group size | Up to 8 cars, expandable with Schindler PORT |
| Interior | Individualized car designs tailored to your needs or applying standard deco lines including Times Square, Sunset Boulevard, Park Avenue |
| Key benefits | Smart operation, excellent ride quality, green mobility, preventive maintenance |

* For projects beyond these specifications, please contact Schindler for more information.



Comfort and performance

Your travel as pure pleasure

High-end destination control

Schindler PORT for a perfect stream of people and goods

Green technology

The next level of green power in your building

Tailored design

Full freedom for your creativity

Schindler high-rise solutions

Beyond industry standards

Schindler 7000 solutions are fully customizable, tailored to the specific demands of our customers. Our high-rise elevators also offer an enjoyable ride experience with impressive stability and an almost undetectable noise level even at high speed.



Quality and Safety

Coded into the DNA of every component.



Tailored Design

Only limited by your imagination.



Modularity

Completely streamlined components and systems.



Transit Management

Enabling a perfect stream of people and goods.



Green Technology

Maximized efficiency and minimal energy consumption.



Schindler Ahead

New digital solution which connects all involved parties.



The 4 phases of high-rise buildings

From design to the skyline

Benefit from our tools, solutions and latest innovations, and be supported by us through the entire product life cycle of your elevator. Our elevators use state-of-the-art technologies from planning to operation and maintenance.



Design

The design phase starts with highly sophisticated building planning, which is the basis for Schindler's advanced traffic simulation. In the design phase, we also talk about aesthetics: choose from Schindler standard decoration lines or go for the customized solutions which give open possibilities and full creative freedom for architects and designers.



Install

The new **Schindler SLIM** (Scaffold-less Installation Methodology) method not only reduces the time for construction preparation and optimizes resources for our customers, it also improves safety and efficiency on site.

The **Schindler CLIMB Lift** combines safer and faster guide rail installation with the efficient transportation of people and material around the site.

Our autonomous self-climbing robot system, **Schindler R.I.S.E** (Robotic Installation System for Elevators), improves quality and speed of construction while maintaining safety on site in the near future.



Operate

For the operation of the building, the focus turns to **Schindler PORT**, the industry-leading Transit Management system. Highly developed algorithms allow a perfect stream of people and goods, energy control options, customization and individualized access. The future-oriented Schindler myPORT smart phone app enhances user convenience even further. Schindler high-rise elevators ensure a safe, silent and smooth ride with a minimum time to destination.



Maintain

The new maintenance concept - with an availability of 24/7 - is based on a usage-driven approach. This guarantees constant uptime. The latest technician's tools allow fast response and efficient service actions. The EGI (Extended Graphical Interface) technology displays on a multi-lingual screen clear and user-friendly diagnostics on site.

The **Schindler Ahead** maintenance concept has also a preventive function: thanks to the innovative Schindler cube, the elevator itself becomes intelligent. An upcoming service need will be indicated well ahead. Connecting all involved parties on the Schindler Ahead platform, customers and passengers will benefit from enhanced uptime, better insights and higher convenience.

Design



Install



Operate



Maintain



Schindler PORT

Best-in-class destination control

All Schindler 7000 elevators are fully enabled for Schindler PORT, with all the advantages of reduced travel time in elevators, higher passenger traffic capacity, and the potential for full building security and personalized access. Schindler PORT makes buildings more attractive, more efficient and more valuable.



Performance

Schindler revolutionized the elevator industry with the Schindler PORT destination control. Especially suited to large elevator groups or straight-line configurations in heavy-traffic commercial buildings, Schindler PORT can increase handling capacity and reduce travel times – up to 35% compared to conventional technology.

Comfort

Schindler PORT reduces crowding both in the lobby and inside the car by grouping passengers traveling to the same floors. Now, Schindler PORT offers fully integrated building access, and Schindler myPORT, elevator control and security building access from your smartphone.



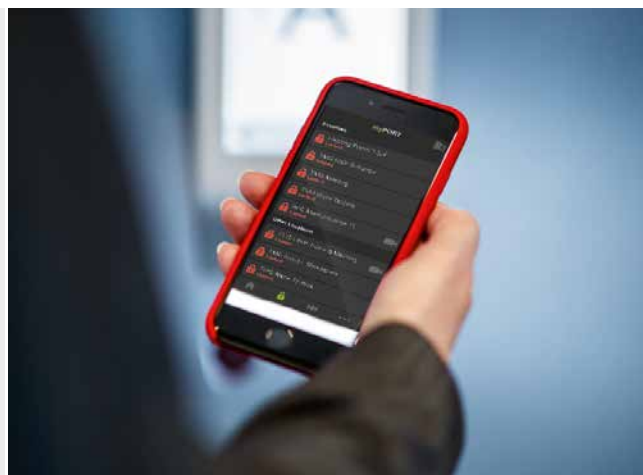
Learn more about
Schindler PORT

www.schindler.com/port



Schindler myPORT

With Schindler myPORT, traveling throughout the building is quick, secure, seamless and convenient – simply use your mobile phone to unlock doors and call elevators. Users can manage and create digital invitations (SMS) or use their mobile device as a video intercom to speak directly with visitors. Schindler myPORT's user-friendly, customizable features can be adapted to commercial and residential projects.



Schindler PORT Access

Schindler PORT Access is a revolutionary access control solution for commercial and residential buildings, providing truly integrated mobility – tenants and visitors travel securely and conveniently from entrance to destination through a network of Schindler PORT Access terminals. All these terminals support Schindler myPORT.

Efficient high-rise system

Integral across all parts

Schindler 7000 strives to contribute to sustainable and energy-efficient buildings. The Schindler 7000 high-rise elevators therefore follow an efficient system where all parts of the clever, fully engineered products are perfectly adjusted to each other and in harmony. Schindler systems impress planners and operators alike, through optimized energy consumption, ecologically responsible production and material usage, convenient planning, fast installation and trouble-free maintenance.

Drive

- Synchronous gearless motor technology
- Outstanding Alternating Current Variable Frequency (ACVF) converter
- Best-in-class Power Factor 1 ($\cos \phi \geq 0.99$) technology and THD (total harmonic distortion) of $\leq 5\%$ at nominal output current and line impedance $< 25 \text{ m}\Omega$.
- Top efficiency factors
- Reduction of energy consumption
- Return of regenerated energy to power line

Car and hoistway

Car

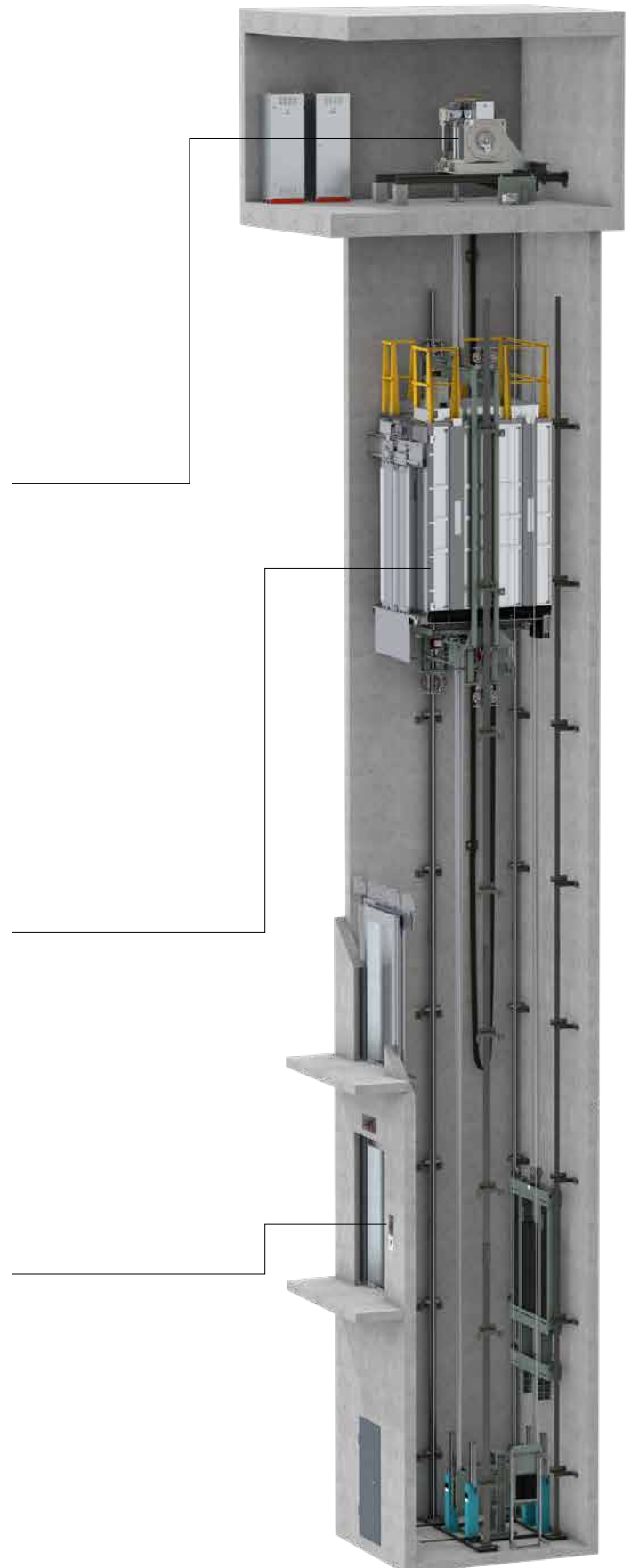
- Automatic switch-off of car lighting if elevators are not in use
- LED car lighting technology
- Use of highly efficient roller guide shoe

Door

- Highly efficient brushless motor
- Low-friction mechanics

Control

- Transit Management system: developed by Schindler, an intelligent, energy-saving application utilizing the latest microprocessor technology
- Better handling of traffic with fewer elevators
- Direct travel with minimum stops (Destination Control)
- Faster availability of cars
- Reduction of empty car operation
- Automatic switch-off of the landing operating panel display
- Advanced control system to reduce the energy consumption of elevator groups



Elevating the environment

Excellent ecological performance

Schindler's sustainability policy is a commitment to reduce the environmental impact of our products and services continuously, across their entire life cycles. The Schindler 7000 passenger and goods elevator is a premium product in which all parts are perfectly adjusted, saving both space and energy.



Class A energy efficiency rating

Improving energy efficiency is essential in order to reduce the environmental impact of elevators and the buildings they serve. Regenerative drive, LED lighting and stand-by mode when the elevator is parked are standard eco-friendly features in all Schindler 7000 elevators, aiming to achieve the highest energy efficiency rating class A according to ISO 25745-2*.

Environmental Product Declarations (EPD)

To provide insight into the ecological performance of our elevators throughout their lives, we provide Environmental Product Declarations (EPD). Schindler has registered EPDs at the International EPD® System for all major elevator product lines, taking an important step further in the assessment of the environmental performance of our products, while underlining our continuous efforts towards sustainable solutions.

*The classification always refers to a specific customer configuration. Usage pattern, load capacity, customer specific options and site conditions influence the final rating.



Single- and double-deck solutions

Ideal for any building needs

Single-deck

For many years, Schindler has been operating in the high-rise market with well-known, high-quality single-deck solutions. The proven technology is constantly being developed further and adapted to increasingly demanding requirements.

Key specifications

| | |
|----------------------|------------------------------|
| Elevator type | passenger/goods, single-deck |
| Travel height | up to 500 m |
| Speed | 2.5 - 10.0 m/s |
| Rated load | 800 - 2000 kg |



Double-deck

With the innovative double-deck solutions, another significant improvement has been made: the pioneering double-deck elevators are now available as a standard option in the modular Schindler 7000 elevator system.

Double-deck elevators should never be a daunting prospect for your building. Double-deck solutions operate almost identically to single-deck, but with a doubled capacity.

Schindler 7000 double-deck elevators have everything it takes to cope with the increasing complexity of building planning. Intelligent engineering and advanced Transit Management systems are key. Such sophisticated systems deliver major increases in efficiency, energy saving and handling capacity.

Key specifications

| | |
|----------------------|------------------------|
| Elevator type | passenger, double-deck |
| Travel height | up to 500 m |
| Speed | 2.5 - 10.0 m/s |
| Rated load | 2 x 1250 - 2000 kg |



Benefits with double-deck solutions

Building planning with Schindler goes beyond the usual conversations about shaft dimensions, building sway and seismic solutions. With Schindler, we consider how to optimize the space in your building without compromising its traffic stream.



The increased elevator capacity combined with intelligent building layout and planning results in **shorter waiting times** and an easier navigation within high-rise buildings.



Double-deck elevators can **effectively double the traffic capacity** of your tall building. Coupled with Schindler's Transit Management system, Schindler PORT, the stream of people and goods through your building will enjoy unparalleled efficiency and speed.



By **reducing the number of hoistways**, optimizing the hoistway dimensions and effectively planning the elevator arrangement, Schindler can reduce the amount of space required for your vertical transportation system, **increasing the rentable space** in your building and its investment potential.

Optimization of space by reducing the number of hoistways with the same number of cars



Rentable space with single-deck elevators



Rentable space with double-deck elevators

It is easy to imagine the space saving across all 50+ levels of a building and the potential return on investment.



Your lobby, your style. Elevators are striking architectural elements. They determine the impression the interior of the building makes – at first glance, right when you enter the lobby. Schindler high-rise elevators blend independently but harmoniously into the overall building concept.

Our customers are invited to choose among two different approaches of freedom in creativity.

First, “the standard approach” where you can choose a specific style out of defined trendy decoration lines.

Second, “the customization approach” which guarantees absolute design freedom.



The standard approach

Ready-to-install, choose your style

Create the look and feel you like. Combine colors, materials, lighting, mirrors, handrails and fixtures to achieve the ambiance that fits both your ideas and your building. Choose from Schindler standard decoration lines.

The decoration lines

Times Square

Modern and versatile

A contemporary look. Choose from warm or cool colors or combine them to create contrast and more depth. Times Square adds distinctive features to any public, commercial or residential building.

Sunset Boulevard

Inspiring and bold

Aiming high for passenger excitement in upmarket locations like hotels, clubs and restaurants. The combination of premium quality materials, captivating patterns and splashy color gradients make passengers' ride a unique experience. Your elevator becomes a stage.

Park Avenue

Sophisticated and elegant

A touch of class. Wooden and textured laminates or back-painted glass walls for a rich, contemporary mode. Or a luxury finish with stainless steel in seven different variations or decorative glass. Matched lighting completes Park Avenue's elegance.

Note: Specifications, options and colors are subject to change. All cars and options illustrated in this brochure are for reference only. The samples shown may vary from the original in color and material.

The customization approach

For absolute design freedom

An elegant ambiance puts passengers at ease and leaves long-lasting impressions of enjoyable moments.

Because your most exclusive projects deserve the best, we dedicate our world-renowned designers and our two International Design Centers to provide you with a full customization service. Invite the best design experts to work with your team.

We bring your landmark of design excellence the most stylish interiors inspired by global trends.

The individual design of each elevator car can be defined by the following elements by choosing different materials, forms and colors for:

- Ceiling and lighting
- Wall cladding
- Operating panels
- Floor
- Accessories (mirrors, handrails, etc.)
- Smart Mirror

Schindler also offers a wide range of landing doors, some with new Door Show features, to perfectly connect the inside and the outside. Each landing door has its unique visual appearance. When it comes to attractive style definitions, we are the professional partner to achieve a perfect combination of aesthetics, functionality and safety.

In compliance with local elevator standards, all these elements can be combined to achieve the car ambiance that reflects your design ideas and complements the building.



Find more details about
all design aspects

in the Schindler Style Brochure





Door Show



Smart Mirror

Individually designed cars

Creating a memorable experience

A building's character is not defined only by its architectural exterior or lobby design.

The experience of tenants is also defined through their daily trip in the elevator car.

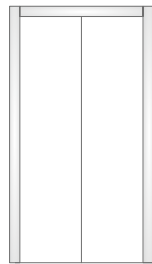
With Schindler, you turn your high-rise elevators into an architectural gem – one that completely fulfills your visions and desires.

Be inspired by the examples in this brochure – but don't let them limit you.

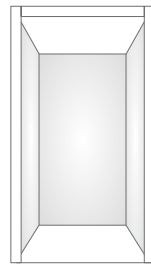
Schindler offers boundless freedom for the design of the elevator cars, from the first drawings to the final customized car.



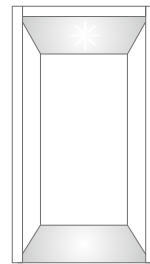
Door



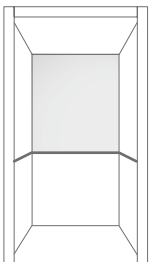
Frame



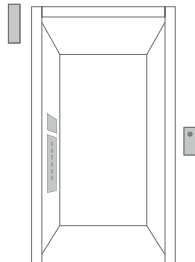
Car wall



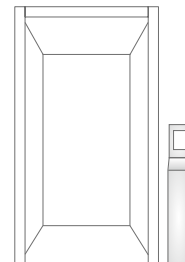
Lighting, Ceiling and Floor



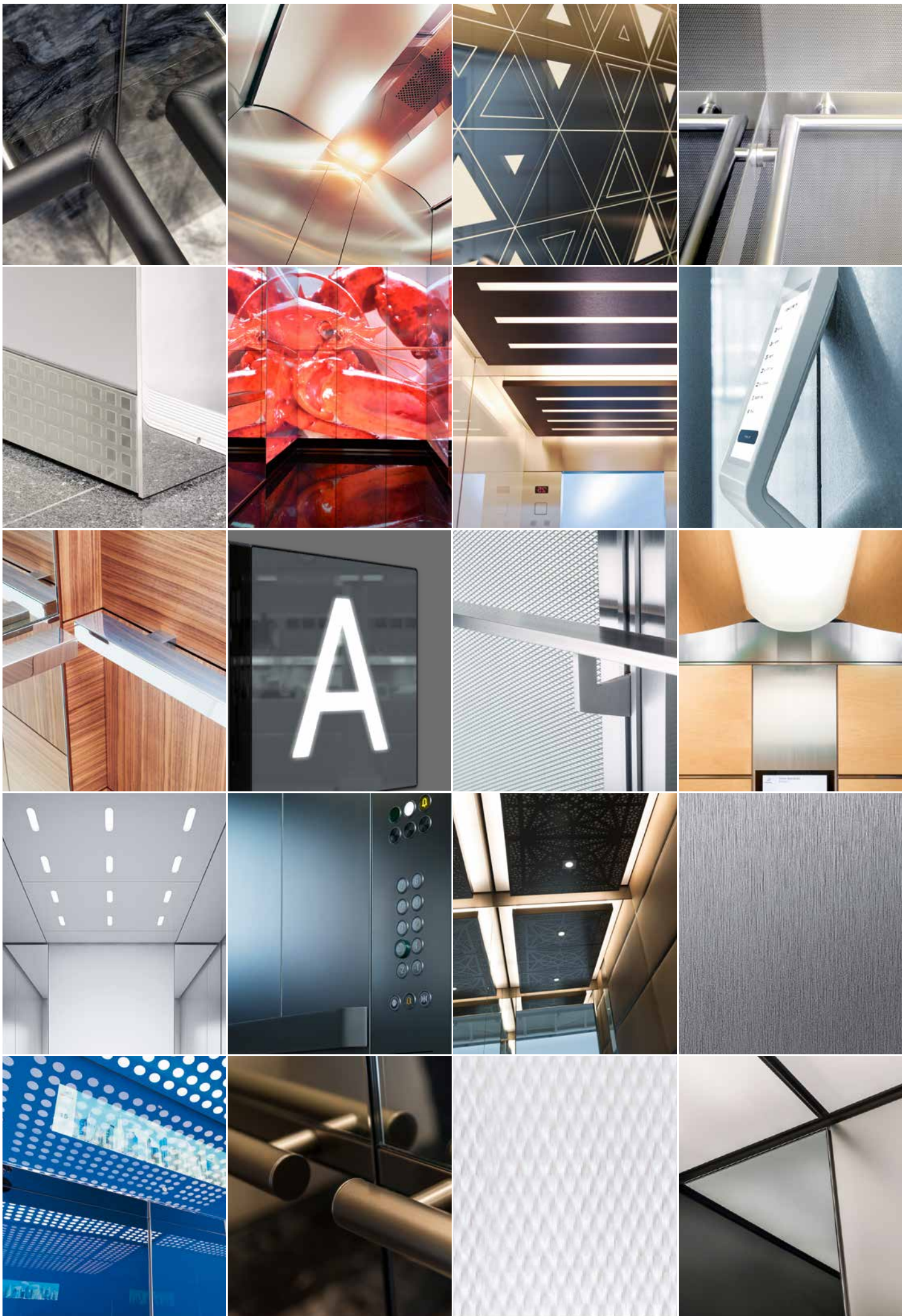
Accessories



Operating Panel and Signaling System



Schindler PORT terminal



Car operating panels and landing fixtures

Full freedom for design combinations

Linea 300 Conventional Layout

-
- 01 Car operating panel in stainless steel hairline
-



01

Linea 700 Conventional Layout

-
- 01 Car operating panel in stainless steel hairline
 - 02 Mirror-polished operating panel
 - 03 Operating panel in glass
-



01



02



03

Linea 700 Conventional 10-Keys Layout

-
- 01 Car operating panel in stainless steel hairline
-



01

Horizontal car operating panel

HCOP DT Series
Conventional Layout



HCOP MT Series
Conventional 10-Keys Layout



Linea 700
Destination Layout

- 01 Mirror-polished operating panel
- 02 Operating panel in glass



01



02

Linea 800
SmartTouch

- 01 Car operating panel with 3 LCD screens
- 02 Touchless landing operating panel



01



02

Landing operation and indicator panels

A call at your service

All operating elements are characterized by a clear, language-independent, modern basic design. Materials that include glass and metal, as well as other various coating techniques, allow individual parts to be adapted to the architectural environment of the building and elevators.

Linea 700
Landing
operating panel



Linea 300
Landing
operating panel



Linea 700
Landing indicating panel

| | |
|----|---------------------------|
| 01 | Stainless steel hairline |
| 02 | Stainless mirror-polished |
| 03 | Glass black |
| 04 | Glass grey |



01



02



03



04

In good designs, the whole counts just as much as the details. Cleverly designed and intelligently functional operating elements guarantee the passengers a precisely calculated and comfortable journey to their destination. They optimize transit efficiency and ensure optimal traffic flow in the building.

Hall lantern

- | | |
|----|------------|
| 01 | Long strip |
| 02 | Square |
| 03 | Round |
| 04 | Glass |

Available colors

- | |
|-------|
| Amber |
| Blue |
| Green |
| Red |
| White |



01



02



03



04



Schindler PORT

Industry-leading destination control

Schindler PORT terminal

A range of Schindler PORT terminals is available, with numerous options to optimize traffic flows. Schindler PORT terminals offer elegant design, stylish ergonomics and a contemporary look.

Schindler PORT terminal

- | | |
|----|--|
| 01 | Schindler PORT 1 / Black Titanium, wall-mounted |
| 02 | Schindler PORT 1 wide / Space Gray, wall-mounted |
| 03 | Schindler PORT 1 pedestal / White Aluminum |
| 04 | Schindler PORT 1 wide pedestal / Black Titanium |
| 05 | Schindler PORT 4 / Space Gray |
| 06 | Schindler PORT 4 Pro / White Aluminum |



01



02



03



04



05

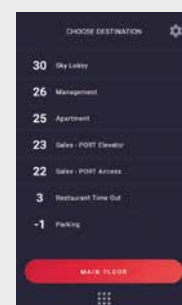


06

Schindler PORT destination indicator



Schindler PortOS



List view



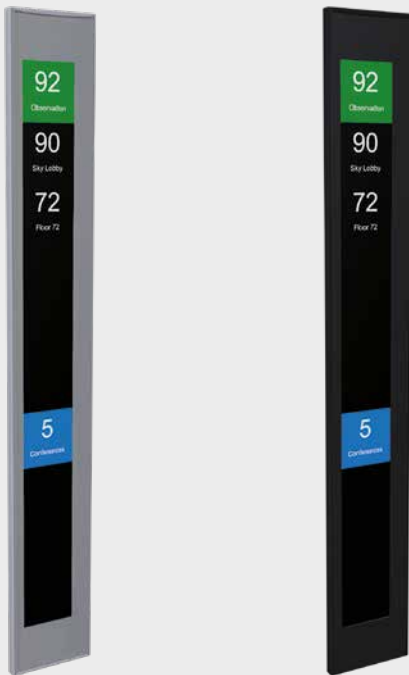
Tiles view

Schindler PORT destination indicator PDI

The new Schindler PORT destination indicator is a fully graphical LCD indicator on the car door jamb.

Schindler PortOS

The innovative Schindler PortOS display. A totally new way to communicate with your system.



Landing designation plate



Flat



Surface

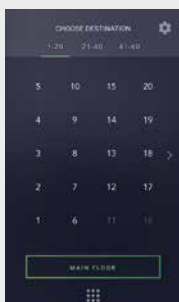


Flag

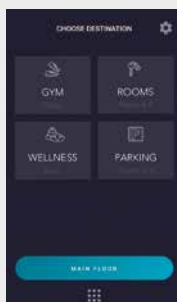


Corner

Available materials: metal stainless steel or glass



Panel view



Category view

Mirrors and handrails

Ensuring optimal appearance

Mirrors always add a special sense of space to rooms and buildings. In order to give your car more appeal and depth, the side walls or the rear wall can be provided in a full-height or half-height safety-glass mirror.

Side Wall



Half height
centered



Full height
centered



Full height last panel
left and right

Rear Wall



Half height
full width



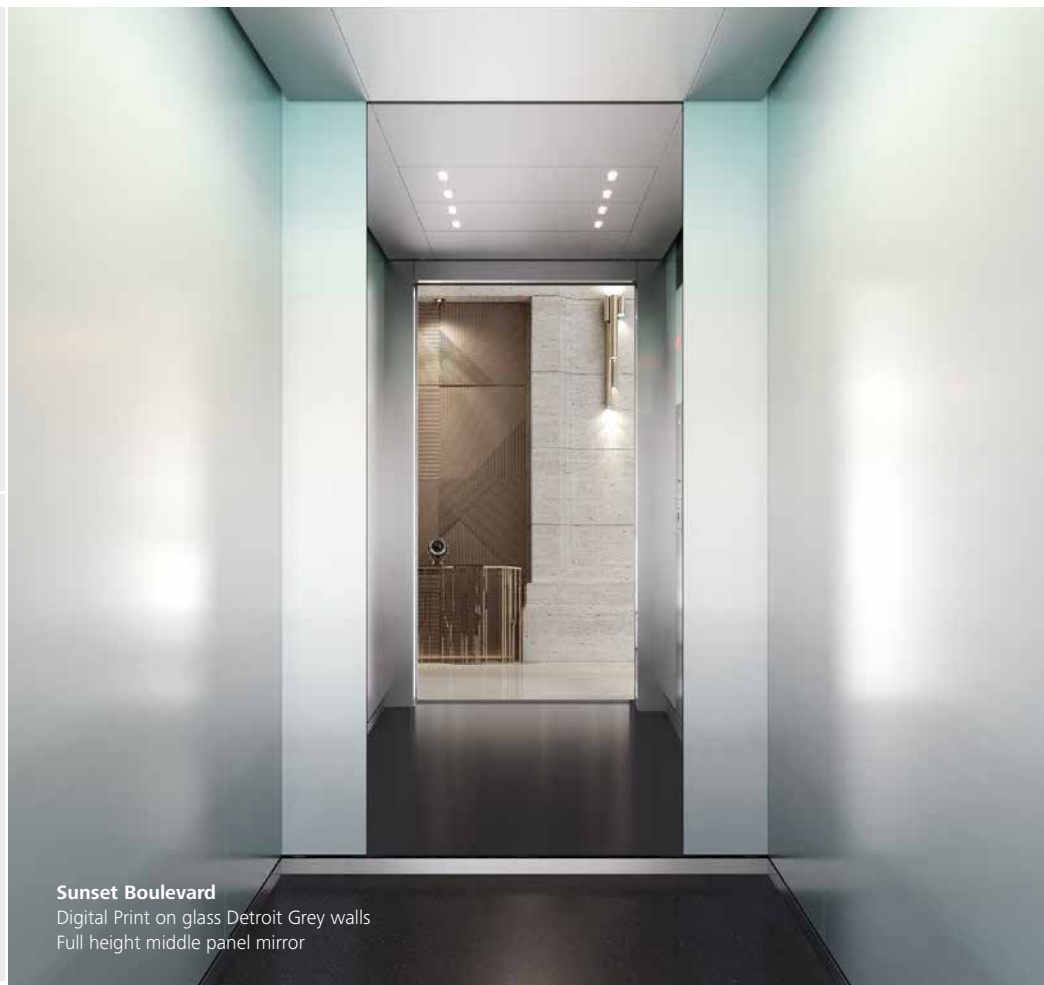
Half height
centered



Full height
middle panel

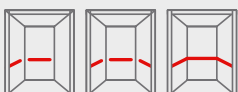


Full height
left and right panel



Sunset Boulevard
Digital Print on glass Detroit Grey walls
Full height middle panel mirror

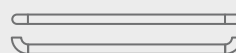
Handrails



Customize your handrails

The handrails can be mounted in different combinations of side and rear walls, either only one handrail on the rear or side walls, two handrails on the side walls or handrails on three walls. They can be in a straight or curved form.

Choose the handrail shape you prefer:

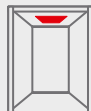


Straight, straight with rounded ends or curved.

Lightings, ceilings and floors

For a delightful ambiance

The interplay of the lighting with your design for the car ceiling and floor has a major effect on the ambience of the car. For this reason, Schindler 7000 gives you unlimited scope for a creative, multifaceted design.



Lighting options

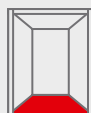
- 01 Indirect
- 02 Dash¹
- 03 Spot²
- 04 Line
- 05 Square³
- 06 Curve
- 07 Bracket
- 08 Surround
- 09 Dash Array

Note

- 1. Four or six dashes per light panel
- 2. Three or four spots per light panel
- 3. Square is not available for North America

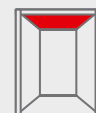
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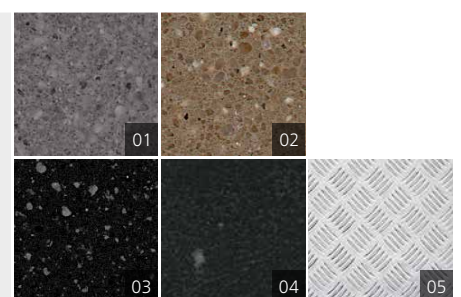
Floor options

- 01 Artificial granite | Grey
- 02 Artificial granite | Brown
- 03 Artificial granite | Black
- 04 Black rubber | Speckled
- 05 Aluminium | Checker Plate



Ceiling options

- 01 Stainless steel | Lugano Mat Finish
- 02 Stainless steel | Montreux Mirror
- 03 Stainless steel | Lucerne Brushed
- 04 Stainless steel | Zurich Dark Brushed
- 05 Stainless steel | Hairline
- 06 Stainless steel | Doha Gold
- 07 Stainless steel | Vibration
- 08 Painted | Riga Grey
- 09 Painted | Polar White



Salesforce Tower, San Francisco, USA



We Elevate... Your large projects

Schindler Global Large Projects elevates cities with a commitment to smart mobility. We apply our world-leading expertise and extensive experience in large project management to realize complex designs. Our future-driven technologies and innovations help your project evolve and adapt for the future. Together we can rise today to the urban challenges of tomorrow.

For more information, please contact us:

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We Elevate



Schindler