



Schindler 6500

A smooth ride to high efficiency.
The superior replacement elevator that
serves your building better than ever.

According to EN 81 20/50
New European standards



Design or functionality? Choose both, and move up to a higher level of efficiency.

➤ The flexible way to create space

Today's best buildings succeed by moving with the times. The Schindler 6500 is the flexible, modern way to replace your old elevator and use the available space better than ever before. The car door adjusts to the landing entrance in 1 mm steps, minimizing inconvenience.

➤ Performance on the rise

Featuring the latest motion and traffic management technology, the Schindler 6500 significantly outperforms older elevators, delivering a faster, quieter, more comfortable ride.

➤ Green mobility

The Schindler 6500 consumes up to 50% less energy than comparable elevators built with outdated technology, offering economical and ecological efficiency.

➤ Standard design mix & match

Combine colours, materials, lighting and fixtures from 4 pre-selected interior design lines or create your own look, with unlimited possibilities.



Key Specifications

Rated load	630 to 2500 kg, 1 to 33 passengers
Speed	1.0 m/s to 3.0 m/s
Car groups	up to 8, expandable with PORT technology
Number of floors	up to 50 (60 landings)
Car entrances	1 or 2 entrances
Travel height	up to 150 m
Control	conventional or PORT destination control
Drive	gearless, permanent magnet or asynchronous motor
Drive regulation	closed loop frequency regulated, optional with energy recuperation
Door types	telescopic doors (T2), center doors (C2), center-telescopic doors (C4), glass doors optional
Car door position	laterally adjustable in 1 mm steps
Car width	1000 to 2450 mm
Car depth	1000 to 2700 mm
Car height	2200 to 3000 mm
Decoration	4 pre-selected interior designs or Libertà (tailored solutions)

The flexible way to create space

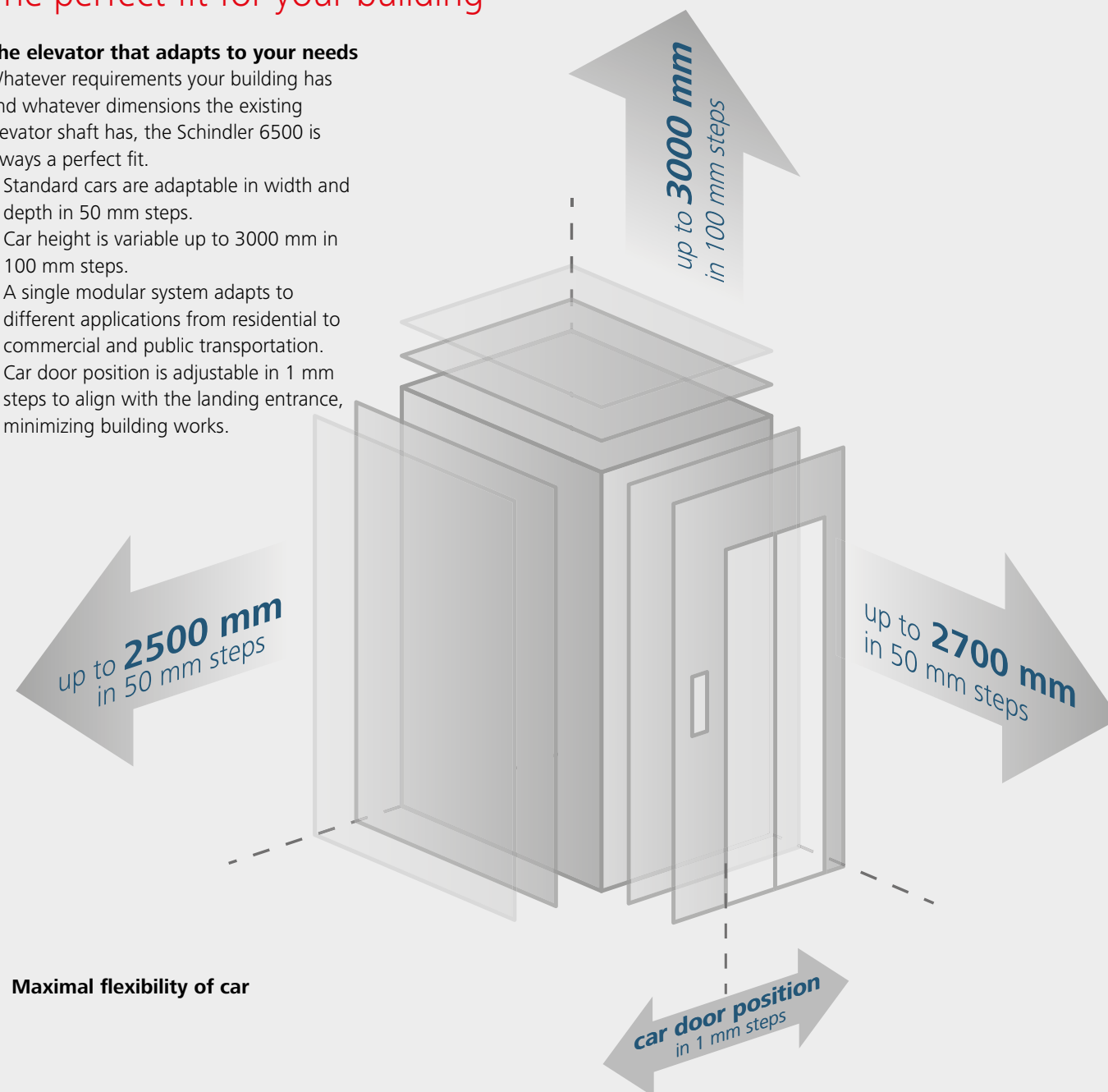
Want to optimise mobility in your building? The Schindler 6500 is the flexible, modern way to replace your existing elevator. It helps you get the most out of your building, improving the flow of people and goods by making the best use of the existing shaft space.

The perfect fit for your building

The elevator that adapts to your needs

Whatever requirements your building has and whatever dimensions the existing elevator shaft has, the Schindler 6500 is always a perfect fit.

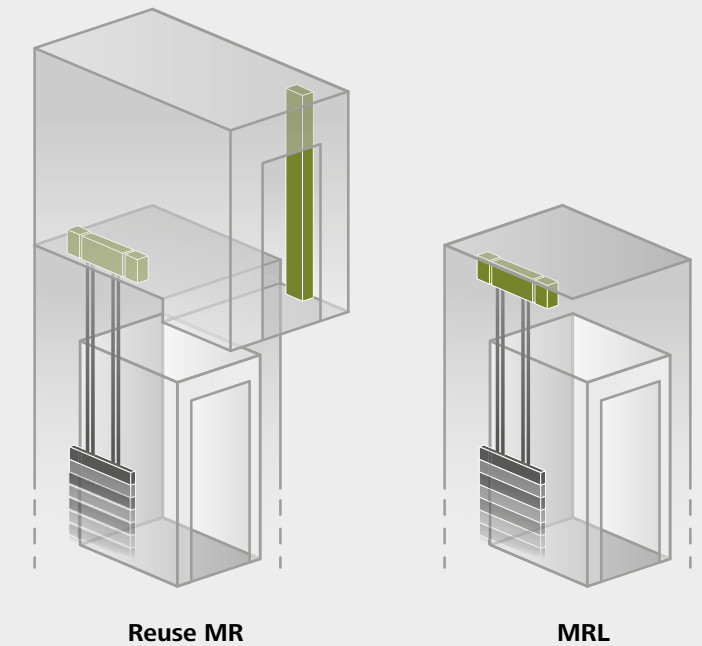
- Standard cars are adaptable in width and depth in 50 mm steps.
- Car height is variable up to 3000 mm in 100 mm steps.
- A single modular system adapts to different applications from residential to commercial and public transportation.
- Car door position is adjustable in 1 mm steps to align with the landing entrance, minimizing building works.



New options to optimize your space

MR and MRL layout

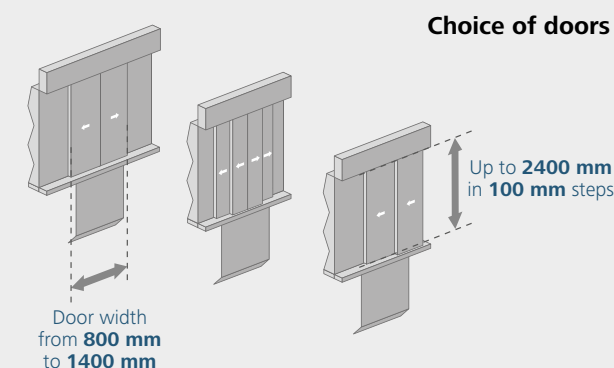
The Schindler 6500 offers both machine-room (MR) and machine-room-less (MRL) solutions. By selecting MRL you may have the opportunity to create additional space by eliminating or reusing an existing machine room.



Flexible door system

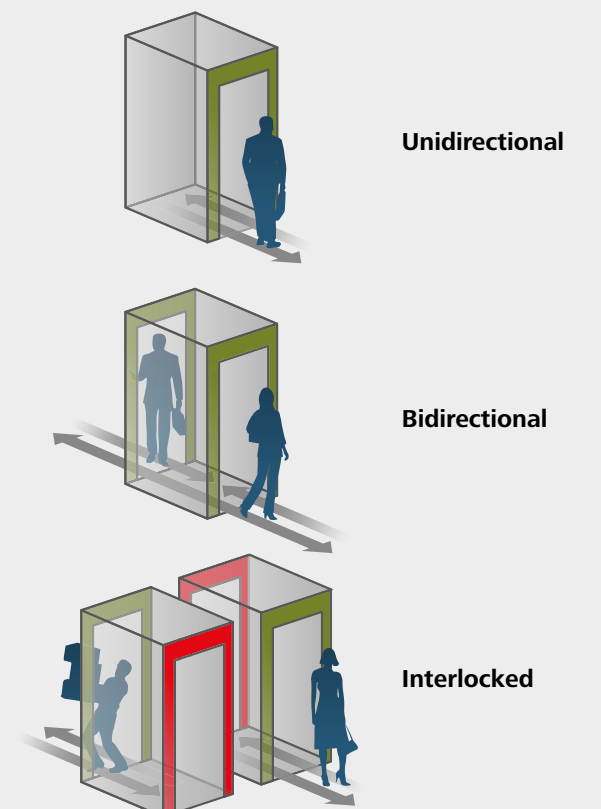
Standard and extended door range

The Schindler 6500 offers a variety of full range of fully automatic door systems. Choose from various different door types, including telescopic (T2), centre (C2) and centre-telescopic (C4) layouts. The large range of door widths and heights (width from 800 mm to 1400 mm, height up to 2400 mm) adapts to current codes and building requirements.



One-way, two-way, your way

With doors that open on one or two sides of the car, either parallel or interlocked, you have all the options you need to move passengers efficiently around your building.

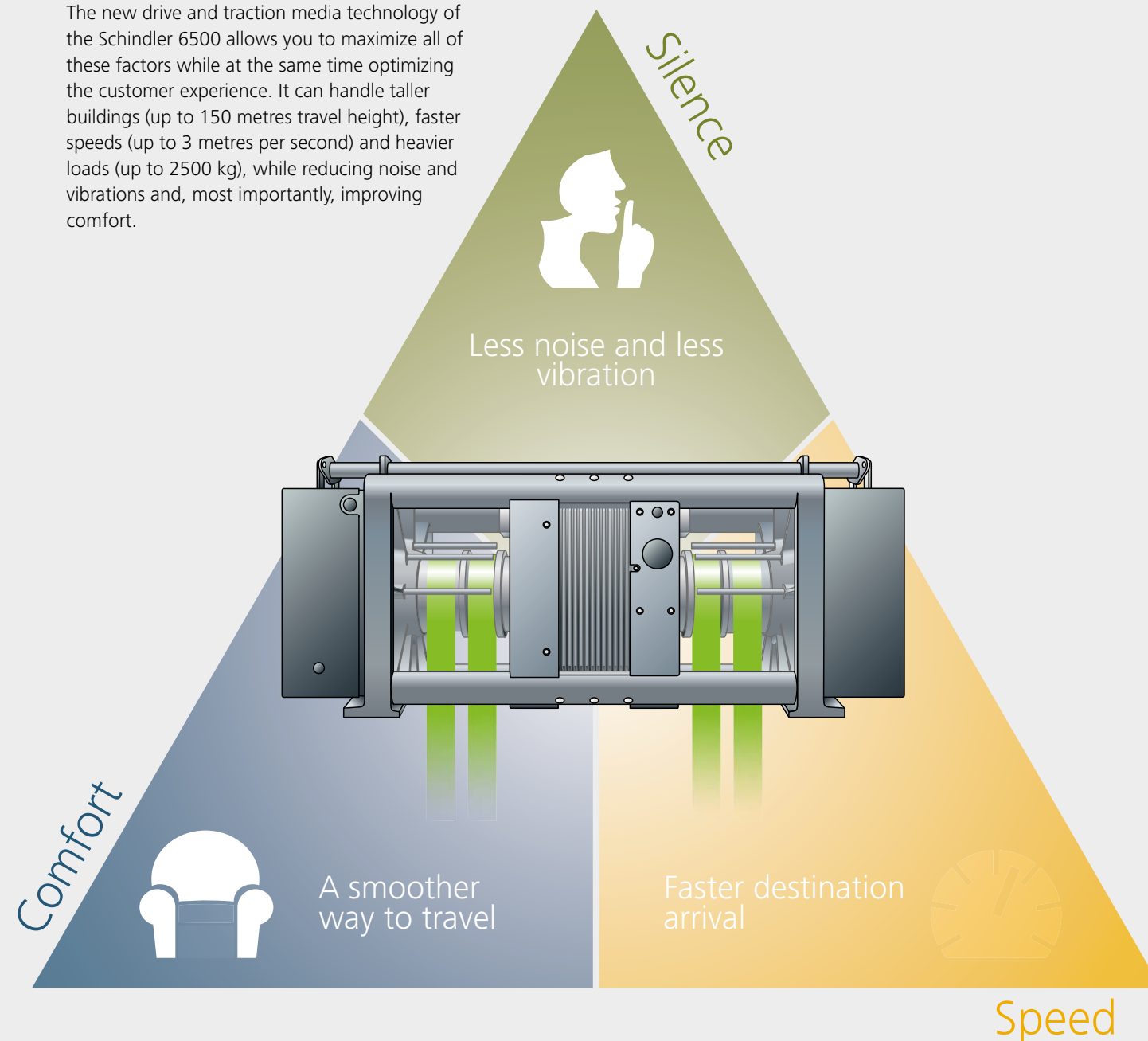


Performance on the rise

Featuring the latest motion and traffic management technology, the Schindler 6500 is the hallmark in modern urban mobility. It significantly outperforms outdated elevators, offering everyone who uses your building a faster, quieter and more comfortable ride.

Powerful technology for a smoother ride

Ride quality depends on a number of factors, including building height, car speed and capacity. The new drive and traction media technology of the Schindler 6500 allows you to maximize all of these factors while at the same time optimizing the customer experience. It can handle taller buildings (up to 150 metres travel height), faster speeds (up to 3 metres per second) and heavier loads (up to 2500 kg), while reducing noise and vibrations and, most importantly, improving comfort.



Port technology

Beside the conventional control systems, Schindler proposes the unique PORT technology, a revolutionary traffic management system that brings people to their destinations faster than any other elevator control by reducing the number of intermediate stops.

Performance

The highly sophisticated software controls a powerful logic program that systematically optimises the traffic flow handled by the elevator. The system uses a cleverly designed algorithm to manage the complex traffic patterns which can constantly change during the day.

Access control

Controlling access to your building has never been easier.

Elevator transit

More features to better manage the flow of traffic through your building.

Emergency evacuation

The PORT technology allows you to maintain a high degree of control in emergency situations.

Personalisation

The PORT technology is programmable to meet the unique mobility needs of passengers.

Energy control option

ECO mode provides significant energy savings by switching the unrequired elevators into standby mode during off-peak times.



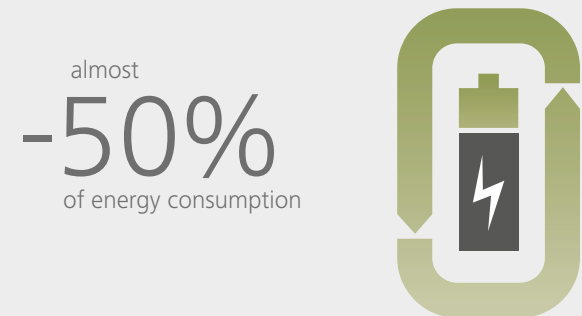
MOD overlay for stepwise replacement

The Schindler MOD overlay control bundles all existing controls independent of their type and allows to noticeably increase the performance of an existing elevator group when combined with the PORT technology.

MOD overlay allows you to isolate individual elevators from the elevator group for the modernization work to be carried out - without reducing the performance of the overall system or inconveniencing the passengers.

Green mobility

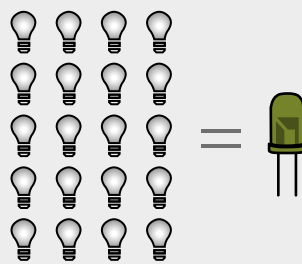
Elevator technology never stands still. By using power more efficiently than was previously possible, the Schindler 6500 consumes up to 50% less energy than comparable elevators built with outdated technology. That's great news for your building operating costs, as well as the environment.



Clean drive technology

Thanks to the optional high-efficiency permanent magnet drive and optional recuperating frequency converter the Schindler 6500 uses almost 50% less energy than its predecessor. With the optional clean PowerFactor 1 technology, the drives are even able to produce energy that can be fed back into the electricity grid immediately.

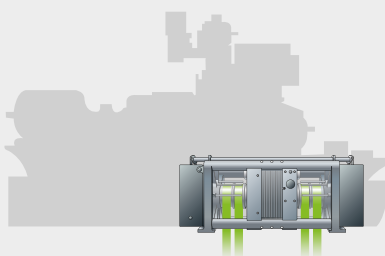
up to
20x
longer than
standard bulbs



LED lighting

LED bulbs have an extremely long service life. They last up to 20 times longer than standard light bulbs while consuming less energy. A bright solution for passengers and the environment.

up to
-50%
in drive and
traction weights



Optimized motor and traction media

Big in performance, compact in size. Efficient in travel, effective in energy usage. The new drive and traction configuration weighs up to 50% less than its predecessor while using less oil. Even a non-oil system option is available.

From efficiency to earning credits for green buildings

All around the world, buildings are rated for their energy efficiency. Within this framework of green building certificates the focus is also directed to the performance of elevators. With Schindler 6500, able to reach class A according to VDI 4707-7 standard*, we not only achieve high ratings for energy efficiency, but also help you earn high scores and thus more credits for your green building certificates.

* Calculation according to the VDI 4707-1 standard regarding the energy efficiency of lifts, established by the Association of German Engineers (VDI). The VDI 4707-1 standard classes range from "A" to "G", with class "A" being the most energy efficient class. The given result is based on calculation for a Schindler 6500, equipped with optional equipment (recuperating frequency converter and a permanent magnet drive), in VDI usage category 3, with a load of 1000 kg, a travel height of 21 m and a speed of 1,6 m/s. The VDI classification and energy consumption of individual installations may deviate from this result, e.g. due to different or additional customer options and/or different configuration.



More brainpower. Less environmental impact.

Schindler strives to contribute to sustainable and energy efficient buildings. The new generation Schindler 6500 passenger elevator is a pre-engineered product in which all parts are perfectly adjusted. Over the last decade, Schindler has improved the eco-performance of its products by over 50%. Ecologically responsible production and material usage, convenient planning, fast installation and trouble-free maintenance make the system perfect.

Saving energy with innovative drive technology

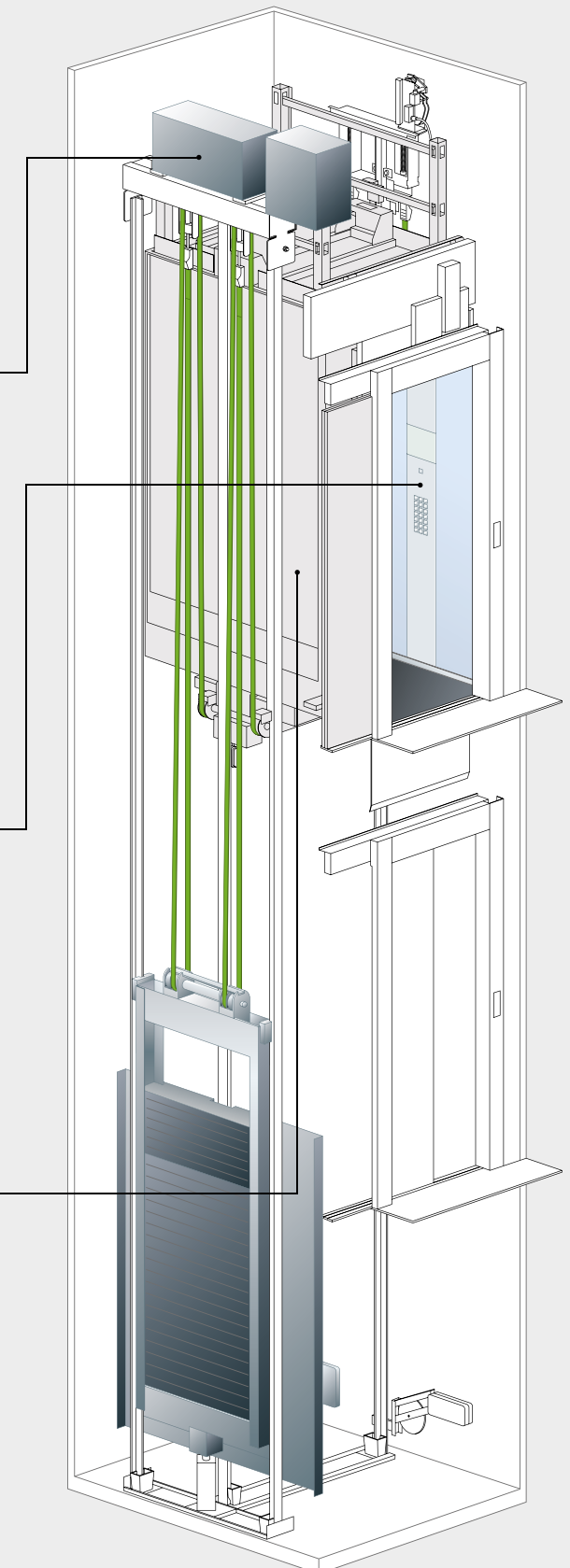
- Gearless machine for smooth ride quality
- Efficient motor enabling a direct power transfer, avoiding loss of power - optional permanent magnet version to optimize the energy recuperation
- Stable start without high peak current, quickly reaching a low energy consumption level
- Frequency converter equipped with stand-by power mode - optional braking energy regeneration
- Environment-friendly as optionally no oil is needed for lubrication
- Compact, lightweight and durable design that optimises material usage and extends the product's lifespan

Controlling the efficiency

- Car lights and ventilation are switched into stand-by mode when not in use
- Car panel and floor indicators operate with low power LEDs
- Multi-bus control architecture reduces cabling, material and waste
- Down collective and full collective controls for efficient passenger transportation
- Optional: highly efficient Schindler PORT technology

Optimizing car and shaft usage

- Efficient design creates more car space with same shaft dimensions
- Car lighting equipped with energy saving LED lamps
- Central guiding system reduces mechanical friction and energy consumption
- Door drive with stand-by mode for safety and energy conservation
- Lead-free counterweight



Freedom of design

Create the look and feel you want. Combine colours, materials, lighting, mirrors, handrails and fixtures to achieve the ambiance that fits both your ideas and your building. Choose from one of our four interior design lines or create the car entirely according to your taste.

Add personality to your elevator

«Navona», «Times Square», «Park Avenue» and «Sunset Boulevard» – our four design lines offer a wide range of decoration options. Choose your design to match your architectural concept and ideas. Provide an unique ride experience with fresh colours, distinctive patterns and high-quality materials.

For detailed information on our four design lines see our separate design lines brochure.



Our pre-selected design combinations just give you an idea of what is possible and can be easily combined. If you like to be more creative, you can even design your own car.

Note
Specifications, options and colours are subject to change.
All cars and options illustrated in this brochure are representative only.
The samples shown may vary from the original in colour and material.

Navona



Times Square



Park Avenue



Sunset Boulevard



Go beyond the expected. Get to the heart of design.

Endow your cars with a signature ambiance

Deliver uniqueness to your building by customising the car in line with your overall design concept. Start with one of the pre-selected options of the Schindler 6500 and create exactly the ambiance you desire. Add matching colours and lighting options or improve the feeling of security by implementing glass elements. There are almost no limits as you can add up to 50% of extra interior weight to the rated passenger load.

Back painted glass

By putting colour behind safety glass, you create a high gloss and vibrant effect that adds a pleasant ambiance to your car. In order to make the back painted glass walls perfectly fit the overall appearance of the building, you can either choose from pre-selected colours or optionally select any NCS (Natural Colour System) colour.

Glass doors and glass walls

Add eye-catching transparency to your car. The wide range of glass doors helps you to suit the application. Glass panels can either be installed to rear and side walls of the car for maximized visibility and security or can be combined with other car interior materials from the Times Square, Park Avenue and Sunset Boulevard design line. Frames for glass panels are available in three finishes.

For detailed information on back painted glass, glass options and digital prints see our separate decor lines brochure.

Digital print on stainless steel

Create ambiance not only with colour but with eye-catching patterns printed on stainless steel. Choose clearly structured geometrical forms or bold organic designs. Select stainless steel beautifully enhanced with a bronze or gray shimmer. No matter the size of your car, digital decoration patterns always look stunning.

Digital print on satinated glass

Gorgeous and intense colours, emphasized through satin glass for more elegance. From atmospheric blue-red to warm grey-beige colour gradients, this design allows you to create a fascinating ambiance and an unforgettable ride experience.



Times Square with glass walls
Ceiling: Stainless steel Lucerne Brushed
Walls: Glass panels
Floor: Black artificial granite
Lighting: LED Indirect
Frame finish: Lucerne Brushed
Car operating panel: Linea 100



Sunset Boulevard with digital print on satinated glass
Ceiling: Stainless steel Lucerne Brushed
Walls: New York Sunset
Floor: Artificial granite black
Lighting: LED Dash
Car operating panel: Linea Vetro

High end residential, office and commercial buildings

The Schindler 6500 is the perfect fit for high-traffic environments and can be easily installed in larger groups. It is also available with glass cars which offer passengers a panoramic view. Equipped with proprietary PORT technology, the Schindler 6500 becomes a highly efficient mobility system for your residential, office and commercial buildings.



The perfect outfit with matching accessories.

Operating panels and options.

Outfit your elevator with style

Our operating panels and options, such as handrails, mirrors and lighting, suit your chosen decor to give your elevator the perfect finish – down to the smallest detail.

For a complete overview of all fixtures and options, see our separate decor lines brochure.

Operating panels

Make your elevator easy to operate for all passengers. Energy efficient operating panels all come in high quality materials and finishing. As an option, elegant full-glass fixtures provide the finishing touch to the car interior.

High-resolution and easy-to-read indicators make the ride even more enjoyable.

Mirrors

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

Handrails

Even though your elevator travels smoothly, handrails convey a feeling of security. Stainless steel handrails match the interior and shapes of your car and can be mounted to the side and rear walls. Illuminated handrails and skirtings enhance the overall ambience of the car as well.

Lighting

A selection of different lighting options lets you add the right atmosphere to your elevator – from warm spot light to ambient indirect lighting. You can either choose from one of the lighting solutions that comes with our interior designs or you can opt for a customized solution.



Create the ideal look for your project.

Healthcare applications

The Schindler 6500 is the perfect solution for healthcare facilities. Its excellent ride and levelling accuracy ensures a safe and comfortable ride for patients. With indirect lighting as standard and an interior that is easy to clean the Schindler 6500 meets the most important requirements of a healthcare facility. A priority control option is available and the Schindler 6500 is Schindler Direct ready. The monitoring and diagnostic service allows to track performance and pro-actively adjust the maintenance routine to secure availability.



Service applications in retail, hotels, offices and healthcare facilities

Robust, reliable and accurate is what a service elevator needs to be. The Schindler 6500 can be equipped with stainless steel, bumper rails and a checker plate floor to withstand the rigors of operation. Its levelling accuracy gets service trolleys easily in and out. With a flexible range of car sizes and the ability to serve up to 2500 kg the Schindler 6500 is perfectly suited for service applications.



From the subway to the skyline

Providing urban mobility

Mobility is an essential requirement in the world in which we live and work. Schindler stands for urban mobility and is recognized as a hallmark of quality and safety. Daily, over one billion people worldwide place their trust in Schindler products and services.



Trusted company

Dependability since 1874. Schindler provides urban mobility with elevators, escalators and services that are engineered for efficiency and sustainability. Our products are built to last and our expertise is based on:

- Swiss quality engineering
- More than 56.000 dedicated experts
- Network in over 100 countries, available 24/7



Professional services

Dedicated experts that provide seamless support. Schindler is a reliable partner for the development of buildings from planning and construction to daily operation, thus safeguarding their lifetime value. We understand the challenges of different building types from airports to residential properties. We collaborate with you on:

- Planning & traffic calculations
- Maintenance, Repair & Modernization services
- Customer & Diagnostic services



Smart solutions

Prepared for the future, made for purpose. Schindler technologies are engineered to optimally serve the requirements of users and buildings. We optimise transit management and service preventively with our maintenance methodologies.

- PORT transit management
- Schindler Direct monitoring & response service
- Schindler Dashboard online portal

Built-to-last. Always up-to-date.



Modernizing ensures safety, comfort and protects your investment in the long term. Schindler replaces whole systems or step-by-step, by replacing specific parts. Schindler can upgrade any installation to meet passenger needs and to comply with official regulations. Find more information on Schindler products: just scan the code with your mobile phone, using free QR code scanner software. This is pre-installed on your phone or easily downloadable for free.



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