

Schindler ReNew solution Drive performance with a new controller, inverter, fixtures, and machine





We Elevate... Your Building Prepare for the future today

With almost 150 years designing, manufacturing, and installing elevators, we understand how to transport people and loads safely and reliably.

We also know that after years of use, elevator equipment and components will eventually wear down, requiring upgrades to maintain the performance and reliability of the system. So we're using our Swissprecision engineering and globally renowned expertise to provide you with the best elevator modernization solutions.

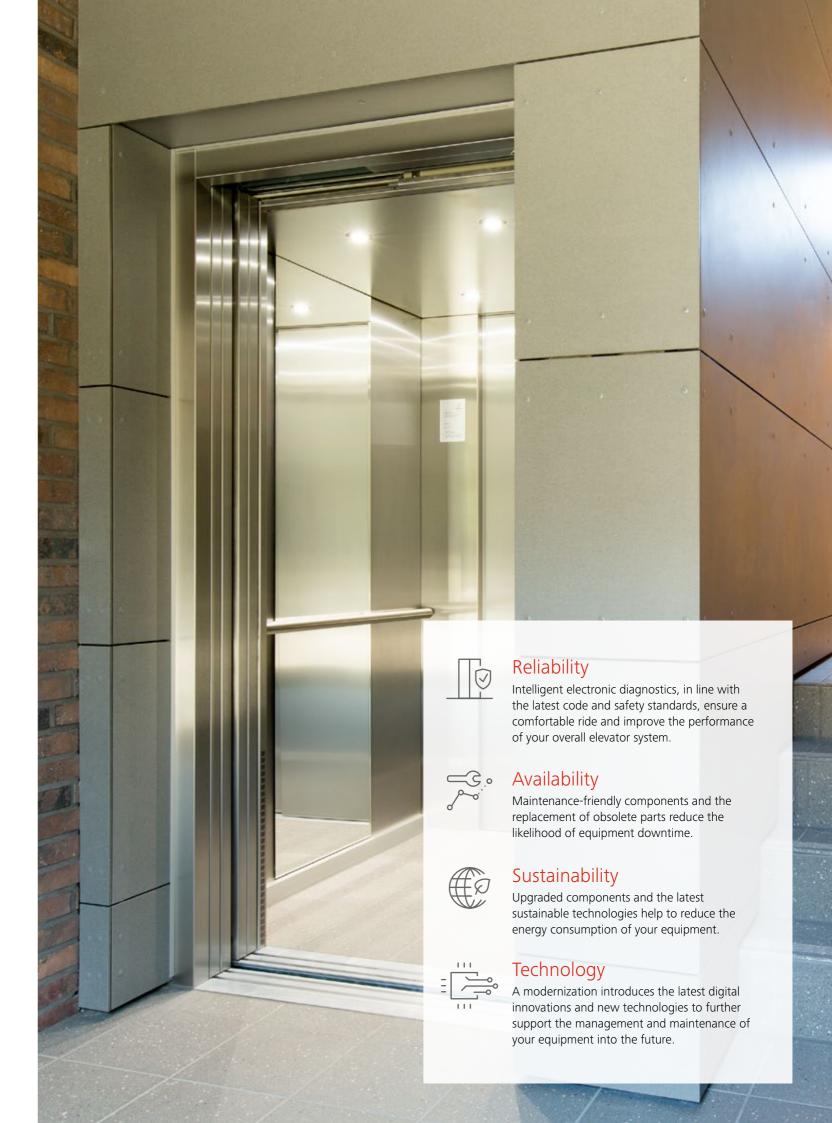
Our experience helps us understand and address the particular requirements and the unique challenges that an elevator modernization presents. With Schindler, your modernization will be managed smoothly and efficiently.

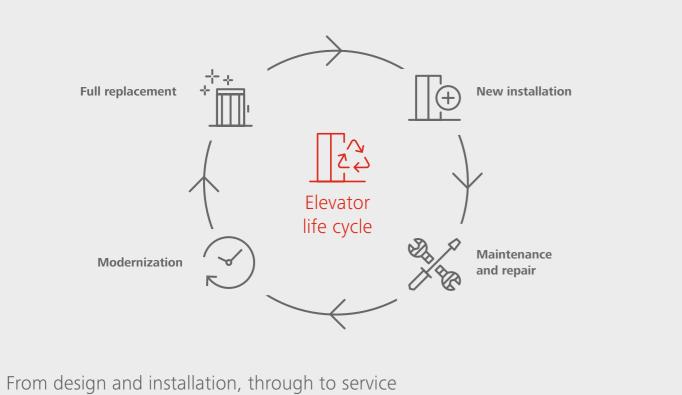
Our Schindler ReNew modernization includes a new controller, inverter, fixtures, and machine. By upgrading these essential components in your elevator, the whole experience becomes smoother and more pleasant for your passengers.

A Schindler ReNew not only increases the reliability and performance of your existing elevator, it also adds value to your existing investment. Modernizing your equipment enables you to take advantage of leading energy-efficient technologies, allowing you to reduce your carbon footprint and energy costs. Let us give you peace of mind with our Schindler ReNew solution.



Application Range	Schindler 300 Plus	Schindler 500 Plus	Schindler 700 Plus
Building type	Residential, Office, Hotel	All	All
Speed	Up to 1.75 m/s	Up to 4 m/s	Above 4 m/s
Capacity	Up to 1350 kg	Up to 2600 kg	Over 2600 kg
Group size	Max. 6	Max. 8	Above 8
Schindler PORT-compatible	Yes	Yes	Yes
Schindler Ahead Digital Media Services-compatible	Yes	Yes	Yes





and modernization, our professionals are there throughout the life cycle of your elevator.

Repair or modernization? Giving your elevator new life

Assessing your elevator

Like any technical product, elevators are also subject to a life cycle. After commissioning, regular maintenance, and repairs, a Schindler modernization will help ensure that your elevators continue to perform optimally for years to come.

In contrast to a repair, which offers a 1:1 replacement of components, a modernization upgrades components and brings your elevator to a higher standard. The latest regulations, introduced to make your elevator as safe as possible, can be easily met with a Schindler ReNew solution.

Minimize unpredictability

A Schindler modernization addresses the unreliability and unpredictability associated with older installations, ensuring a smooth and uninterrupted ride. Replacing obsolete components safeguards against unnecessary downtime due to spare part unavailability – maximizing uptime in the future.

For equipment that is 25 to 30 years old, a Schindler ReNew should be considered to maintain the availability of spare parts, improve equipment performance, and preemptively upgrade components that are reaching their end of life.



Schindler modernization Various solutions to meet your needs

Are you interested in replacing your elevator with a completely new system? Or, maybe you would like to upgrade individual components? Either way, we have the solution that's right for you.

We have developed various modernization solutions to target the differing age, technical needs, and usage of elevators in operation today. A Schindler RePair addresses individual components on an as needed basis. A Schindler ReStore targets the electrical system to enable the latest technologies. Alternatively, a ReNew upgrades the critical electrical, and mechanical components, such as the machine, to deliver a smooth, safe and energy-efficient ride. While, a Schindler RePlace introduces a brand new elevator into your existing hoistway.

Schindler ReNew modernization

Schindler ReNew modernization

ReNew the critical components Enhance the overall system

A Schindler ReNew modernization upgrades several critical components in your elevator.



Controller

Energize the brain of your elevator: the controller. A new elevator controller assures your equipment's performance, safety, and reliability, while also preparing the system for future enhancements. Additional advantages include reduced noise and increased levels of security. It all adds up to a significant improvement in comfort and peace of mind.

2 Inverter

The safety and comfort of an elevator go hand in hand with smooth operation and accessibility for passengers. Upgrading the inverter can eliminate trip hazards between the car and the landings. Precision stopping accuracy, thanks to advanced digital technologies, enables easy access for older adults, individuals with disabilities, or passengers pushing a stroller or shopping cart. Beyond comfort and safety, a new inverter offers improved energy efficiency.

Machine

The machine is the power source of the elevator. Old drives increase maintenance costs, do not meet current safety norms, and are no longer energy efficient by modern standards. With a new machine, the hoisting technology, such as ropes, will also be upgraded. Since these components require replacement after several years, this will eliminate the need for short-term repair work. When required, your machine will also be provided with a new frame to minimize adaptations to the building.

4 Fixtures

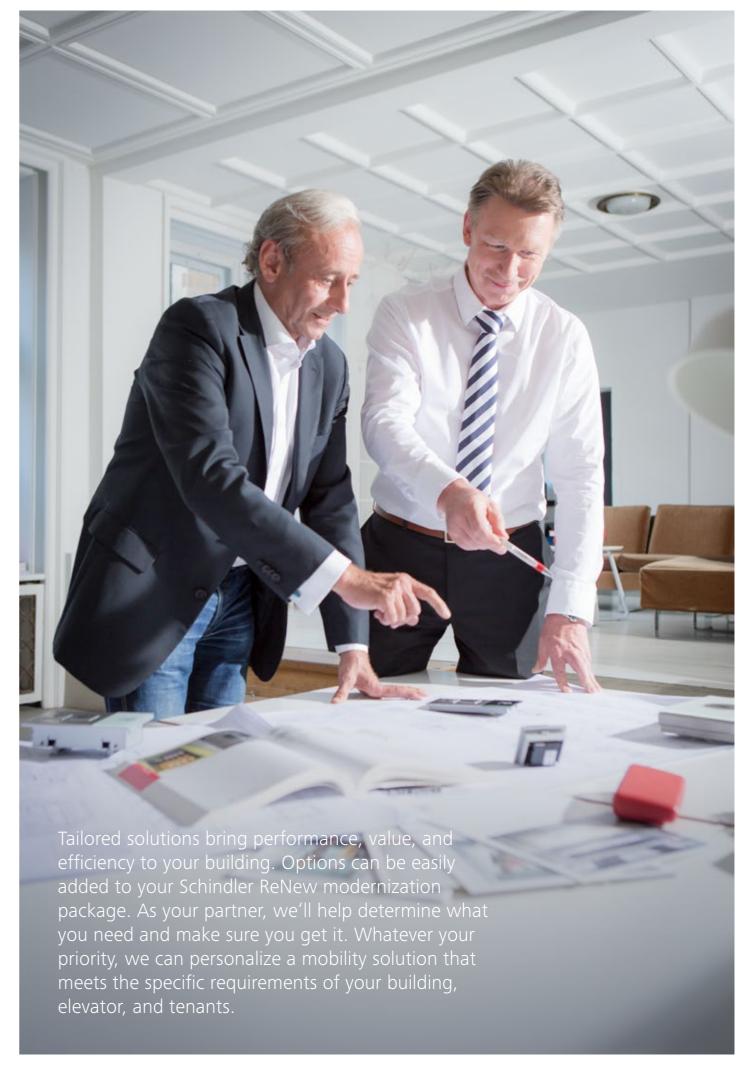
The fixtures are the primary interface between passengers and the elevator. They reflect the overall technical standard and quality of the equipment. Increase comfort and accessibility with new elevator and landing fixtures.

5 Electrical package

Your modernization will also include a set of replacement electrical peripherals and wiring. Machine room wiring, traveling cables, shaft wiring, car connection box, shaft information, and limit switches are included in the package.

6 Door system

Elevator doors are of the most critical components in your elevator. They ensure the smooth and reliable operation of your equipment and guarantee the safely of riding and waiting passengers.



A future-ready controller Designed for next-generation technologies

Schindler controllers are designed and developed to improve the reliability, functionality, and performance of the entire system. A new controller allows your elevator to benefit from the latest digital technologies, advancing it into the future.

Smart operation – clarity and convenience

Digital connectivity allows for better maintenance and management of your elevators, while creating higher levels of comfort for passengers. Several of our controllers are fully enabled for Schindler Ahead. Designed on the principles of IoT (Internet of Things) and machine learning, this system analyzes cloud-based data to deliver improved uptime, insights, and convenience. Digital connectivity gives you access to a wide range of services – from remote monitoring to an in-car alarm. Switching from analog landlines to digital wireless not only improves the reliability and quality of the connection – it also allows you to conveniently add new services to your account.

Maximize uptime with Schindler Ahead RemoteMonitoring

With digital connectivity, issues can be detected and addressed long before service is affected. This helps minimize or even avoid downtime of your elevators. Schindler Ahead maximizes equipment uptime thanks to instant, accurate insights about the health of your system.

Real-time insights with Schindler Ahead ActionBoard

Schindler ActionBoard provides operational, performance and commercial information in real time, giving your facility managers clear, instant oversight of their entire elevator and escalator portfolio.

Improved maintenance and reliability

A new controller supports the digital commissioning and enhanced maintenance of your elevator thanks to Schindler's digital service tool. This ensures the installation meets the highest quality standards, right from the very beginning.



An updated inverter to improve energy use Economically and ecologically sound

Beyond comfort and safety, operators and owners of buildings demand economical and ecological performance from their elevators.

A new Schindler inverter helps you to cut operational costs by reducing energy consumption. We have several types of inverters to match your existing equipment. The most energy efficient of these are regenerative inverters. While conventional inverters dissipate the brake energy on brake resistors – thus wasting valuable resources and heating the machine room – Schindler regenerative inverters return brake energy to the building's electrical devices or into the grid. This minimizes energy consumption and reduces the cooling requirement in the machine room by up to 50%*.

*Depending on the configuration of your ReNew solution and the existing installation.

Thanks to the latest advancements, the inverter, rather than mechanical brakes, brings the elevator to a stop. This can significantly improve the stopping accuracy to minimize trip hazards – making entry and exit easier for all passengers. It also reduces the wear and tear of the brake pads to extend the life of these components.

The regenerative approach, and its low standby energy consumption, makes the whole system a beneficial solution for the building, the environment, and your bottom line.

Electrical Power Consumption Heavily loaded car Empty or lightly loaded car Empty or lightly loaded car Empty or lightly loaded car

Upgrade the ride with a new machine Cut noise, vibrations and cost

Move your building with the times. After 20 years of operation, the maintenance costs for an elevator machine increase disproportionately.

Ride comfort

Enjoy precision stopping accuracy thanks to the enhanced and fully aligned communication between the inverter and the machine. A new machine can also help to reduce the noise and vibration created by aging material.

Safety

A new machine prevents uncontrolled car movement, either by introducing gearless technology or by incorporating a second safety device to prevent upward movement of the car. This change, in compliance with EN81-20/50, improves the safety of the system.

Energy savings

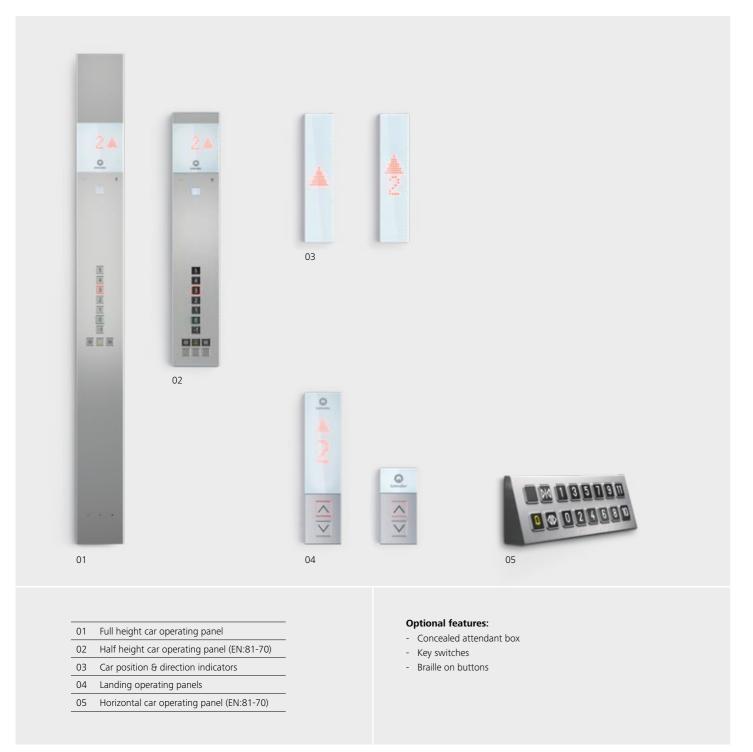
New gearless machines with latest ACVF can also save up to 30% over older geared technology.



Fixtures to fit every need Outfit your elevator in style

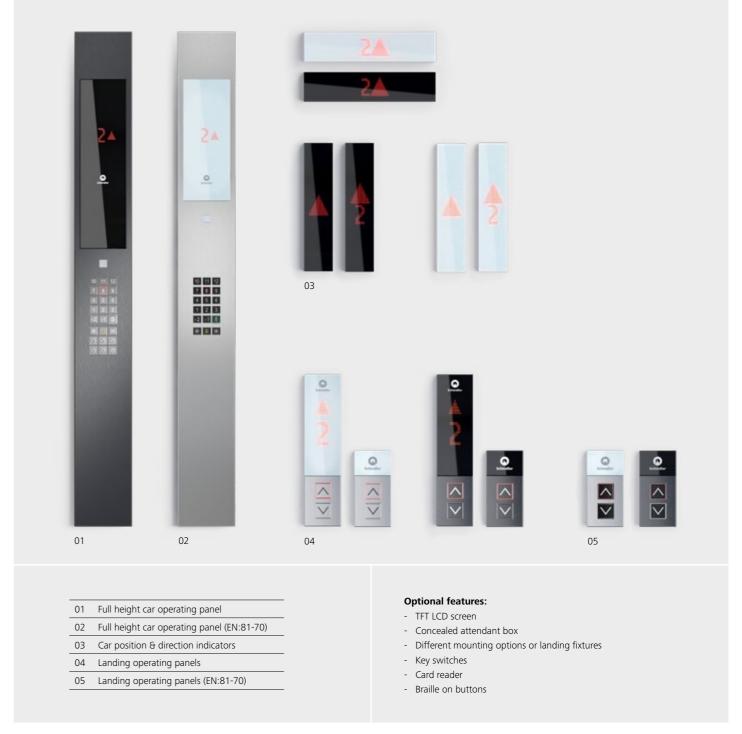
Linea 100

Linea 100 offers functional design instainless steel. The display is integrated in white glass, large, easily readable, and red LED dot matrix. Push buttons are clear with red call confirmation.



Linea 300

An upmarket user interface to enhance your elevator's looks, with an intuitive, efficient design. The display is in black glass, with buttons positioned on elegant black stainless steel, or white glass display on typical stainless steel color finishing.



Schindler PORT Overlay

A seamless and hassle-free modernization

PORT

Schindler PORT technology – our destination dispatch system – can be installed in place of conventional fixtures on each landing to optimize the performance of an elevator group.

A Schindler PORT upgrade can be implemented as the first step of a more comprehensive modernization to achieve smart mobility in a minimum amount of time. Customers will experience an immediate improvement in traffic flow, even if one car is out of service for the modernization.



- 01 Schindler PORT 1 pedestal
- 02 PORT 4 flush wall-mounted
- 03 PORT destination indicator
- 04 PORT 1 MINI
- 05 PORT 1 wall-mounted
- 06 PORT 4 Home

PORT solutions available in white, grey or black



Tailored solutions

Options to meet the demands of your passengers and tenants

A wide variety of options and add-on features help you tailor a Schindler modernization to your budget and your wants. These can be easily added to your Schindler ReNew package to increase the longevity of your elevator. The options can also be added in phases, according to the financial planning of your building.

Modern, fresh designs

A car interior upgrade introduces the latest architectural elements into your elevator and returns the elevator appearance to a youthful state.



User experience at the next level

Inform, engage, entertain. Display engaging multimedia content for your passengers and generate new revenue streams through advertising. Turn your elevator into an infotainment hub with **Ahead MediaScreen**.



Extra near visit. In the second of the seco

Optimize performance and reliability

The elevator **door system** is the leading cause of elevator downtime and maintenance visits. Update the door drive and car door panels to mitigate this risk and improve the reliability of the system.

Elevating passenger health and safety

Enhanced health and safety solutions such as a new overspeed governor, a battery pack for automatic evacuation, or one of **Schindler's CleanMobility** solutions will give passengers further peace of mind.





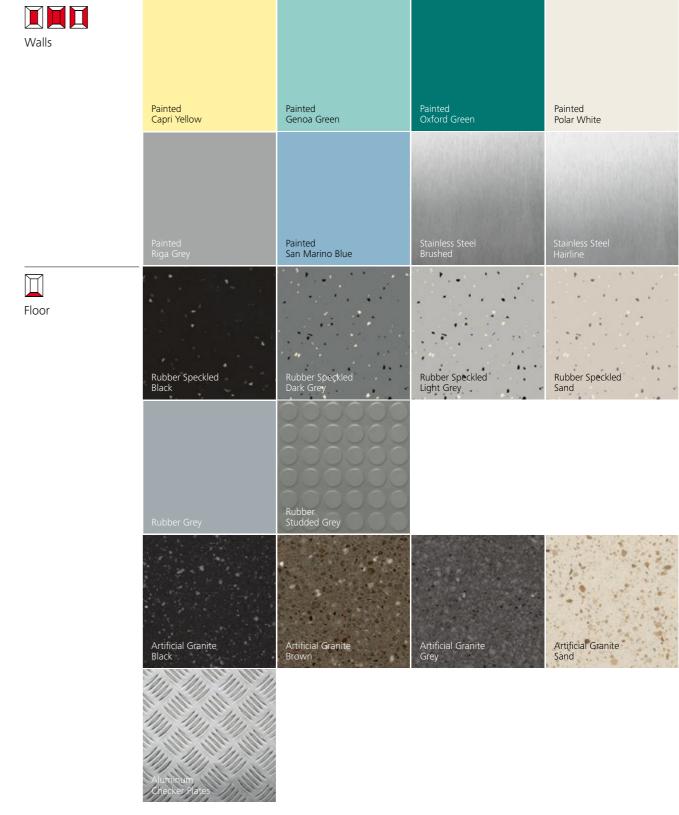
Your choice of design — Enjoy the possibility of creating your own car interior design. We offer unparalleled flexibility and help you to find the ideal fit for functional, sophisticated and innovative interior architecture concepts. Bring your style to life.

Navona

Functional and durable



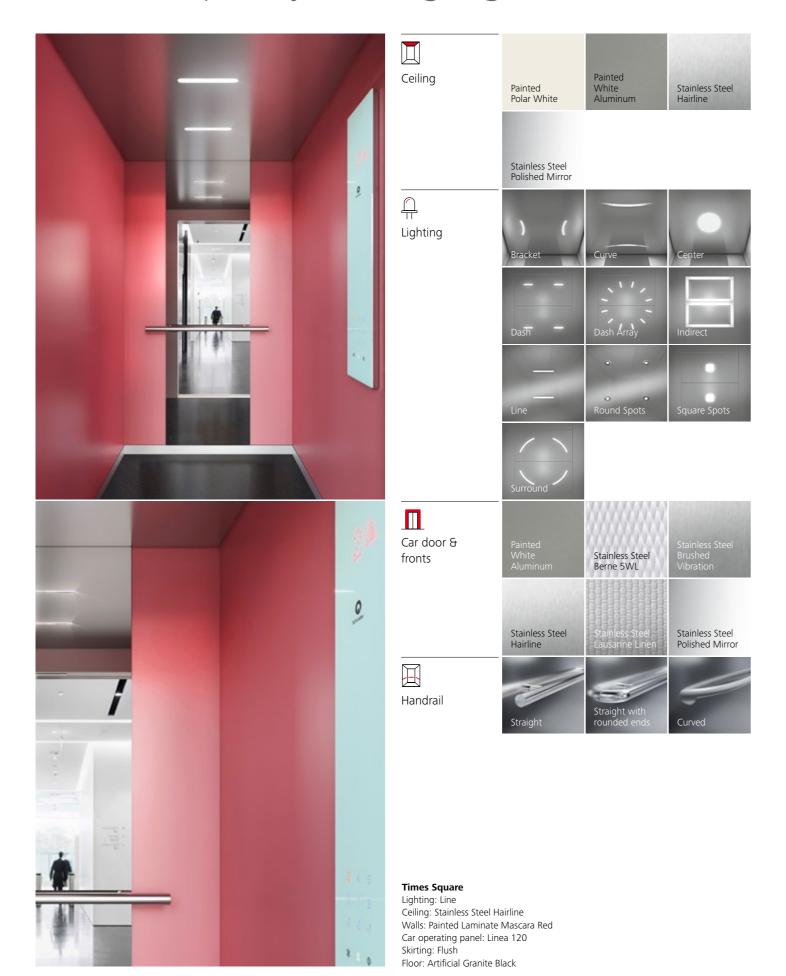


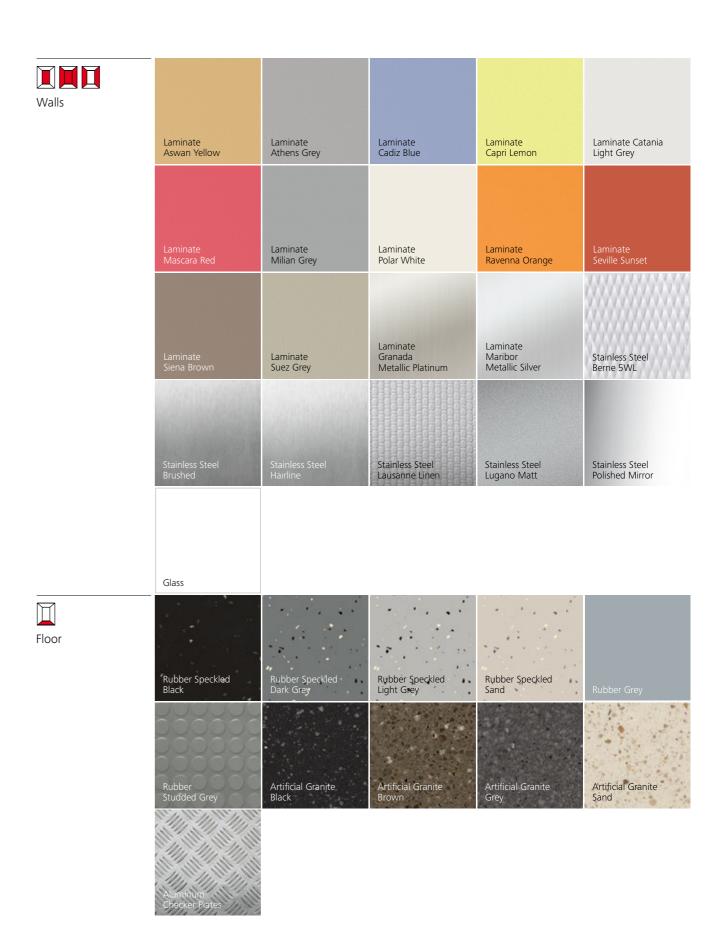


Navona

Lighting: Round Spots
Ceiling: Painted White Aluminum
Walls: Painted San Marino Blue
Car operating panel: Linea 100
Skirting: Flush
Floor: Artificial Granite Grey

Times Square Let color speak your language.



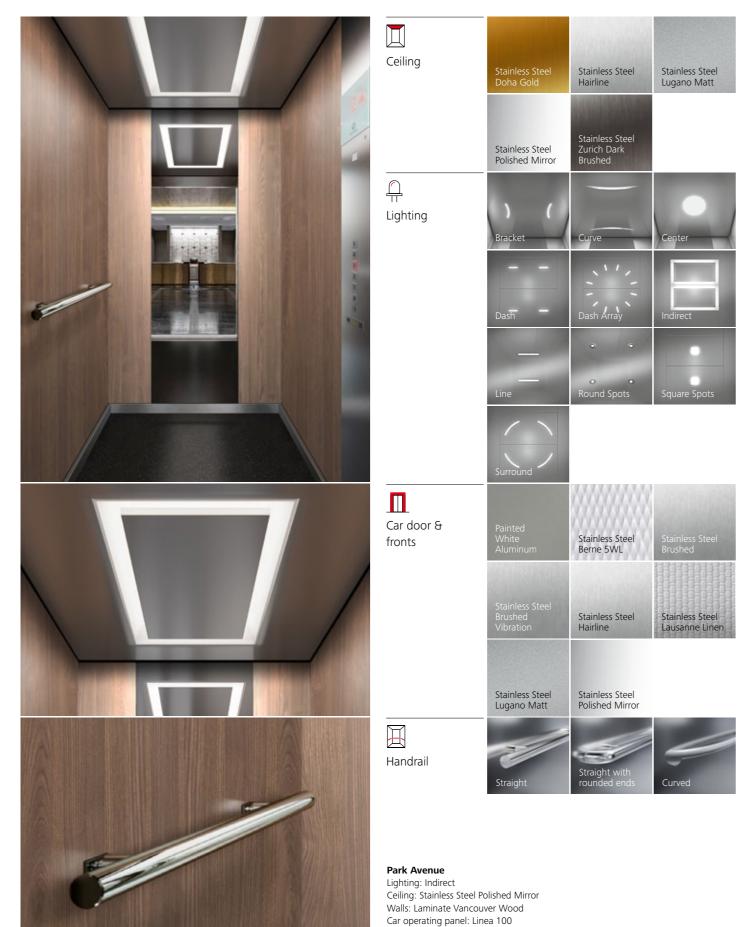


Schindler ReNew modernization Schindler ReNew modernization

Park Avenue

Schindler ReNew modernization

From contemporary to elegant.



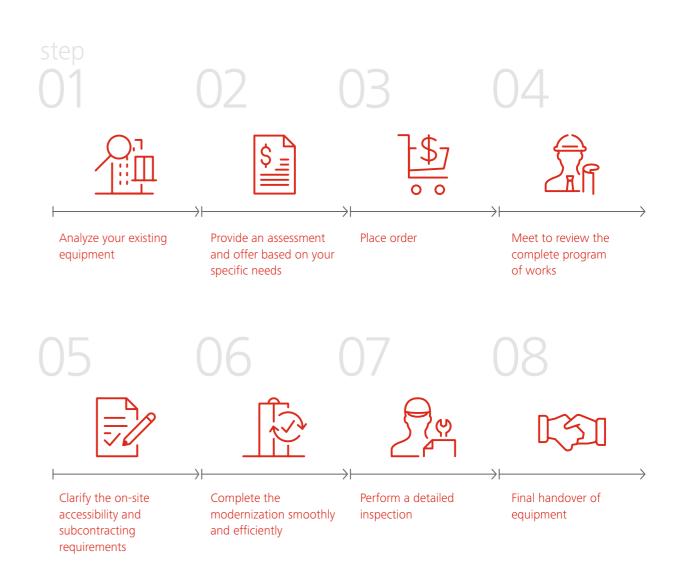


Schindler ReNew modernization

Skirting: Protruding
Floor: Artificial Granite Black



Installation excellence Working with you every step of the way



Transparent fulfillment process

We partner with you to find the best mobility solution for your facility. By checking the health of your existing equipment, we can determine what solution and components are the best fit for your installation.

To ensure a smooth installation process, we'll meet with you a few weeks before the modernization starts to discuss the final program of work. We'll also clarify storage and access points, and coordinate our activities with any subcontractors on-site.

Efficient installation and future maintenance

Installing the components in a ReNew solution can be done quickly. We'll aim to limit required building works, where possible, and endeavor to keep any noise, disruption, or dirt to a minimum – always showing the utmost respect for your building and tenants.

After a Schindler ReNew modernization, your equipment becomes easier to service and troubleshoot. The newly connected elevators enable 24/7 intelligent auto callback service and maintenance. This can reduce downtime by up to 34%*.

^{*}Compared to non-connected units.

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We are always close by.

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