



Schindler 5500

Designed with you in mind.





Key figures

Capacity	630 to 2'500 kg
Travel height	Up to 150 m
Door width	800 to 1'400 mm
Door height	2'100 to 2'400 mm
Drive	STM Technology regenerative drive option
Speed	1.0 to 3.0 m/s MMR and MRL
Number of floors	50 floors (60 landings)
Car groups	Up to 8 cars expandable with PORT Technology
Interior	4 deco lines from functional to sophisticated glass panel option bare car option
Fixtures	Mechanical or touch-sensitive buttons dot matrix display or TFT LCD
Door types	T2L, T2R, C2, C4 glass doors optional

4 essentials for a perfect fit. Schindler 5500

» Space adaptability

Configure the dimensions and technology of your elevator to best meet the requirements of your application. The Schindler 5500 fits your needs, making your building work by optimizing space with excellent shaft utilization.

» Green mobility

Rely on the latest technology. The Schindler 5500 helps you lower your building's carbon footprint by using energy more efficiently – with regenerative drives for sustainable operation.

» High-level performance

Enjoy the faster and smoother ride. The new developments in traction media and control systems give you not only more speed, but also lets you handle more passengers and provides optimal ride quality.

» Freedom of design

Create the look and feel of your elevator. Our different design lines give you the freedom of choice – from preconfigured cars to your own concept, from functional to sophisticated.

Space adaptability

Configure mobility the way you need it to make your building work. From the ideal space utilization and machine-room options to a perfectly fitting car and the smooth flow of people and goods.

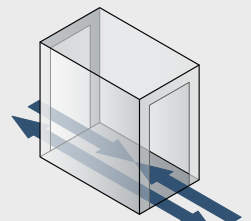
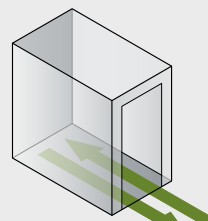
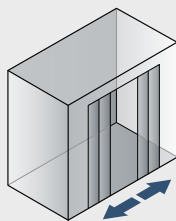
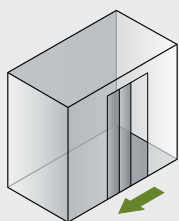
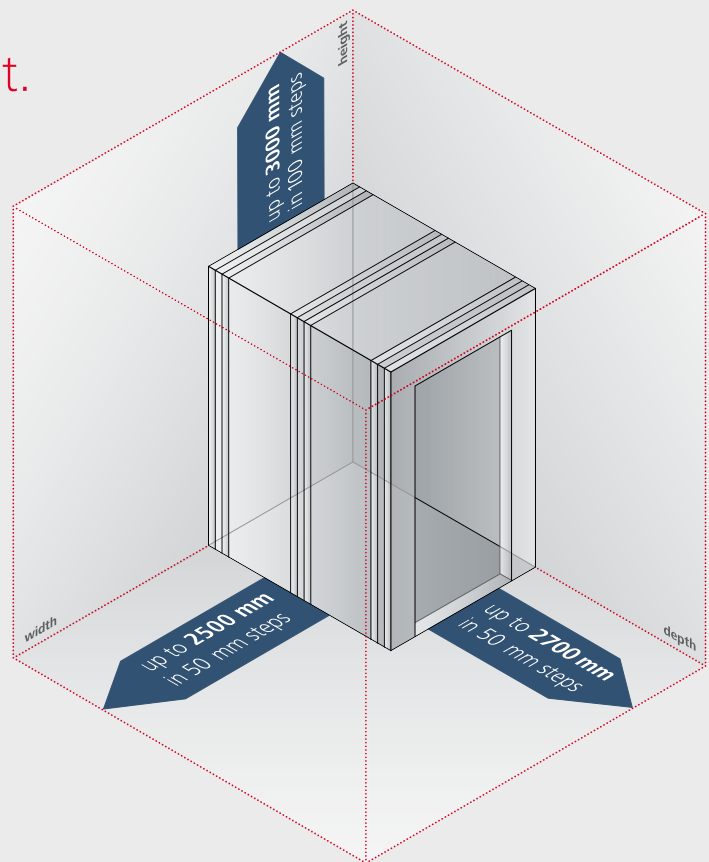
More options for a better fit.

The product that always fits

You name the dimensions that are in line with your ideas and the requirements of your building.

The Schindler 5500 fits:

- Standard car sizes are adaptable in width and depth with a maximum of 100 mm around ISO standards.
- Car height is variable in steps up to 3000 mm.
- A single modular system is able to cover different market applications such as residential, commercial and public transportation.



Standard and extended door range

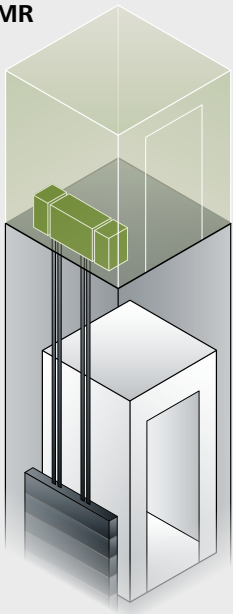
The large range of door widths and heights (width 800 mm up to 1400 mm, height up to 2400 mm) adapts to code and building requirements. Doors come in different finishes, including glass panels.

From unidirectional to bidirectional

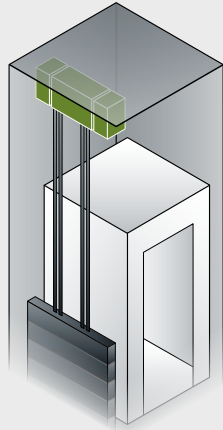
Cars with smoothly opening doors on both sides are just one example that helps you efficiently handle the traffic in your building.

Building integration made easy.

MMR



MRL

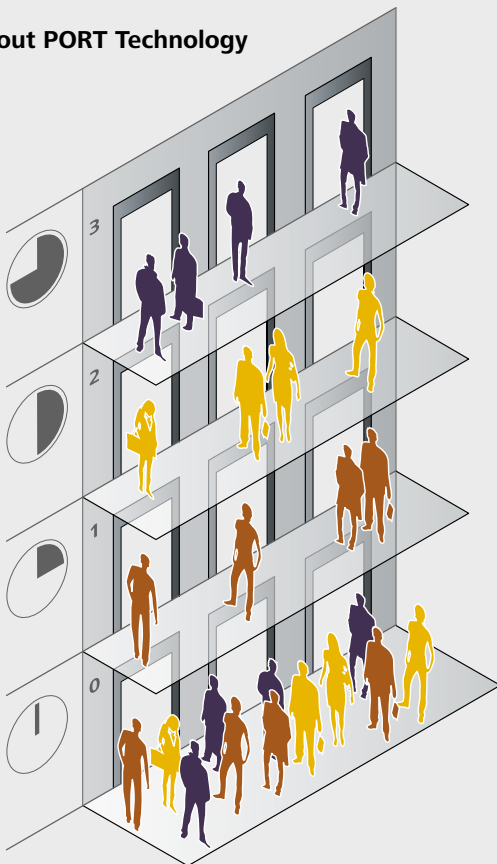


MMR and MRL layout

Depending on the dimensions of the shaft, there are mini-machine-room (MMR) and machine-room-less (MRL) solutions for the Schindler 5500. The flexible positioning of the counterweight also provides more options for perfect space utilization, maximized rentable space and lower building costs.

Powerful performance. Smooth travel.

Without PORT Technology



With PORT Technology



Brainpower for your building

Schindler PORT Technology uses a revolutionary traffic management system that brings people to their destinations faster than any other elevator control while reducing the number of intermediate stops. The passengers' only requirement is to

simply communicate their identity and destination. Schindler's PORT Technology takes care of the rest by planning and executing a seamless journey, using the optimal route that takes the shortest possible time to complete.

Green mobility

Keep energy consumption to a minimum by using power more efficiently. The new technological advances of the Schindler 5500, such as regenerative drives, new traction media, and carefully selected materials, ensure an ecologically sound solution.

From savings to sustainability.

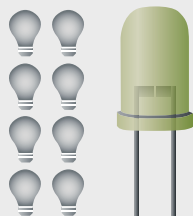
up to 30%



Clean Drive Technology

Thanks to high-efficiency regenerative drives the Schindler 5500 uses about 30% less energy than comparable elevators. With the clean Power Factor 1 technology, the drives are even able to produce energy that can be fed back into the electricity grid immediately.

up to 20x



LED lighting

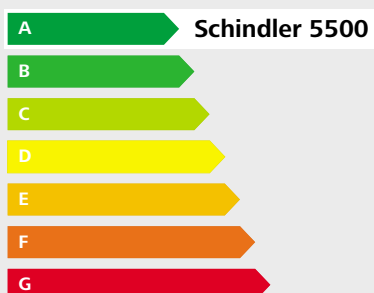
LED lights have an extremely long service life. They last up to 20 times longer than standard light bulbs while consuming less energy. A bright solution for passengers and the environment.

up to 50%



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 building.

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 5500 reaching A-classification with the energy saving developments above, we not only achieve high ratings for energy efficiency, e.g. for the VDI energy label, but also help you earn high scores and thus more credits for your green building certificates.

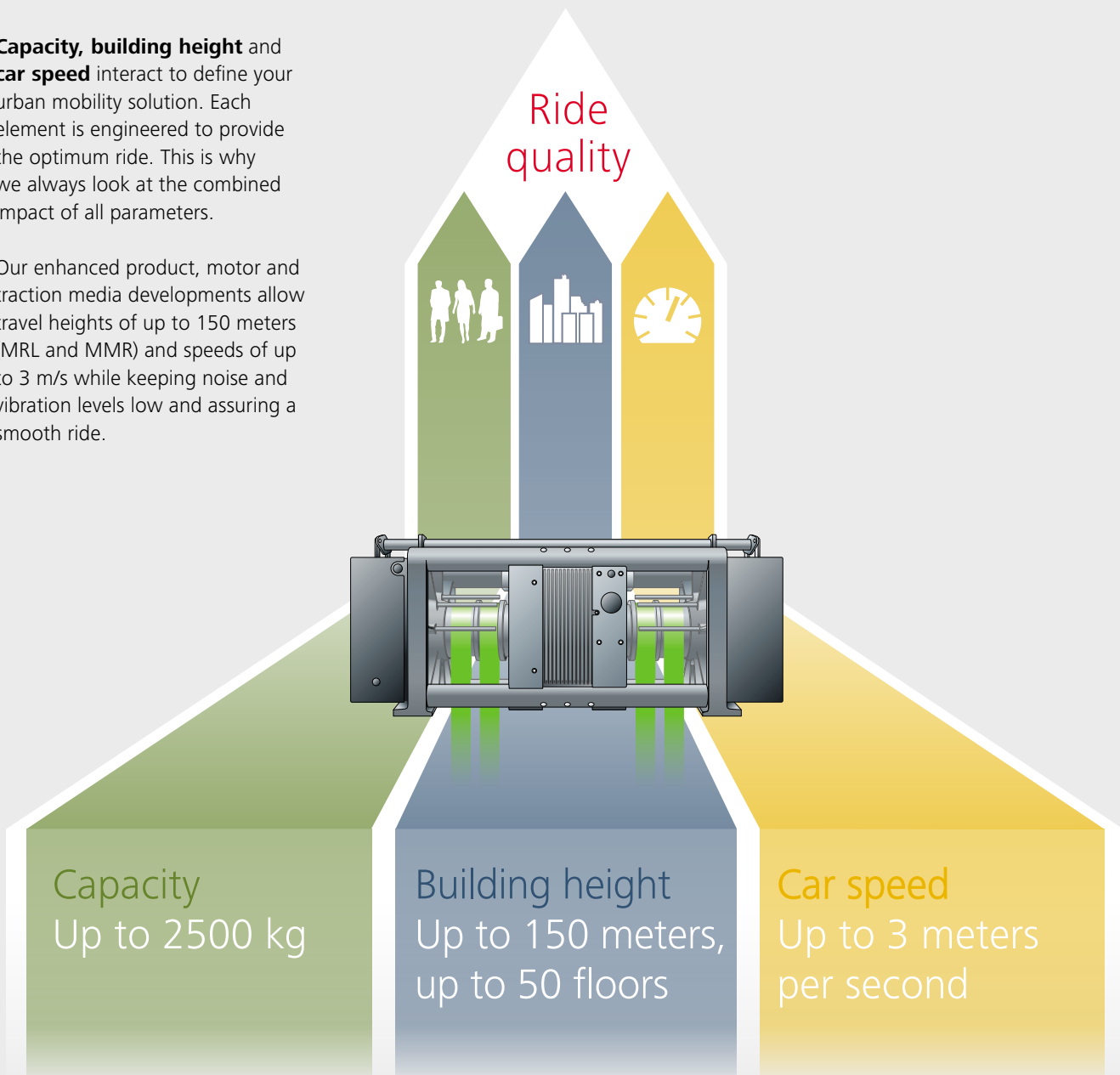
High-level performance

The Schindler 5500 offers an excellent ride experience for the passenger. The wider range of MRL residential and commercial applications as well as new drive and traction developments make it a hallmark in modern urban mobility. High travel height, fast speeds and improvements in range of load and noise reduction technology position the Schindler 5500 as a prime elevator.

More options for a better ride.

Capacity, building height and **car speed** interact to define your urban mobility solution. Each element is engineered to provide the optimum ride. This is why we always look at the combined impact of all parameters.

Our enhanced product, motor and traction media developments allow travel heights of up to 150 meters (MRL and MMR) and speeds of up to 3 m/s while keeping noise and vibration levels low and assuring a smooth ride.



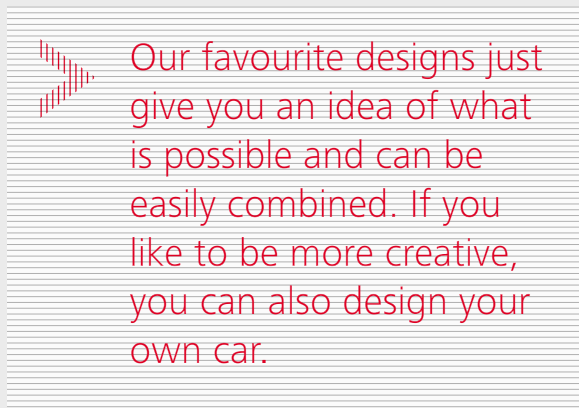
Freedom of design

Create the look and feel you like. 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 to your own 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 a 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 favourite designs just give you an idea of what is possible and can be easily combined. If you like to be more creative, you can also design your own car.

Navona – functional and durable

Provide clarity and solid comfort to your car with this robust design line. Fresh colours, a contrasting rear wall, the option of three different floors or a bare floor make Navona the right choice for residential applications. Stainless steel can be added to rear and side walls. Navona's interior stands for long lasting functionality right where it is needed.

Times Square – modern and versatile

Determine your modern look. Choose from warm or cool colours to create a fresh look or combine the options to enhance contrast for more depth. Use a bare car option to create your style and taste. Times Square adds distinctive features to any public, commercial or residential building.

Park Avenue – sophisticated and elegant

Discover pure elegance with back painted glass walls or choose wood laminate to create a more contemporary ambiance. The optional wave design, a rounded transition from ceiling to rear wall, gives your car a unique appearance. An additional highlight is a gold or silver shimmer from our metallic glass collection or a brushed bronze or satinated grey finish on stainless steel. Matched lighting perfects the stylish design of this elevator – an ideal fit for representative buildings like high-end residential, hotels and offices.

Sunset Boulevard – inspirational and full of character

Aim high for passenger excitement in upmarket locations like hotels, clubs and restaurants. The combination of premium quality materials, captivating patterns and splashy colour gradients make this car a unique experience. Lighting and ceiling concepts create a fascinating atmosphere. Make your elevator become your stage.

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.

Enhance your cars with a signature ambiance

Deliver uniqueness to your building by customizing the car in line with your overall design concept. Start with one of the pre-configured options of the Schindler 5500 and create exactly the ambiance you desire. Add matching colours and lighting options or improve the feeling of luxury 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 two 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 colours 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 grey shimmer. No matter the size of your car, digital decoration patterns always look stunning.

Digital print on satinated glass

Luxurious 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



**Park Avenue with
back painted glass**

Ceiling and rear wall: Stainless
steel Lucerne Brushed
Walls: Shanghai Red
Floor: Artificial granite Black
Lighting: LED spot lights
Car operating panel: Linea 300

A 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 skirting 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 custom solution.



Linea 300

2



6
5
4
3
2
1
0



Linea Vetro

8



18	19	20
15	16	17
12	13	14
9	10	11
6	7	8
3	4	5
0	1	2

Buttons with symbols: a stylized 'K', a yellow bell, and a double arrow

2

1

0



8



Create the ideal look for your project.

High-end residential buildings

With its various options for interior design, the Schindler 5500 adapts seamlessly to the architectural concept of your residential building. Further improvements in energy saving and noise reduction make the Schindler 5500 your elevator of choice.



Office and commercial buildings

The Schindler 5500 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 5500 becomes a highly efficient mobility system for your office and commercial buildings.



Schindler 5500 MRL

Planning Data

EN-81

Load capacity		Passengers max.	Speed	Travel height	Number of stops max.	Number of entrances			Car		Door		Hoistway			
GQ kg	VKN m/s	HQ m	ZE	ZKE	BK mm	TK mm	HK mm	Type	BT mm	HT mm	BS mm	TS mm	HSG mm	HSK* mm		
630	8	1.0	45	15	1	1100	1400	2200-3000	T2	900	2000-2400	1650	1700	1175	HK+1250	
		1.6	80	30	1								1300	HK+1400		
800	10	1.0	45	15	1	1350	1400	2200-3000	C2	900	2000-2400	2025	1700	1175	HK+1250	
		1.6	80	30	1								1300	HK+1400		
1000	13	1.0	45	15	1	1100	2100	2200-3000	T2	900	2000-2400	1650	2475	1175	HK+1250	
		1.6	80	30	1								1300	HK+1400		
		2.5	100	36	1							1700	2475	2050	HK+2050	
	13	3.0	150	50	1								2275	HK+2250		
		1.0	45	15	1	1600	1400	2200-3000	C2	900	2000-2400	2150	1700	1175	HK+1250	
1275	17	1.6	80	30	1								1300	HK+1400		
		2.5	100	36	1							2200	1725	2200	HK+2050	
		3.0	150	50	1								2425	HK+2250		
		1.0	45	15	1	1200	2300	2200-3000	T2	1100	2000-2400	1950	2700	1175	HK+1300	
		1.6	80	30	1								1300	HK+1500		
	17	2.5	100	36	1							2000	2700	2075	HK+2050	
		3.0	150	50	1								2300	HK+2250		
		1.0	45	15	1	1650	1700	2200-3000	C2	1100	2000-2400	2425	2025	1175	HK+1300	
		1.6	80	30	1								1300	HK+1475		
		2.5	100	36	1							2450	2050	2200	HK+2050	
1600	21	3.0	150	50	1								2425	HK+2250		
		1.0	45	15	1	1400	2400	2200-3000	C4	1300	2000-2400	2200	2800	1200	HK+1300	
		1.6	80	30	1								1325	HK+1475		
		2.5	100	36	1							2225	2800	2185	HK+2050	
	21	3.0	150	50	1								2525	HK+2400		
		1.0	45	15	1	1600	2200-3000	C2	1100	2000-2400	2675	1925	1200	HK+1325		
		1.6	80	30	1								1325	HK+1525		
		2.5	100	36	1							2700	1950	2250	HK+2050	
1800	24	3.0	150	50	1								2700	HK+2400		
		1.0	45	15	1	2100	1800	2200-3000	C2	1200	2000-2400	2775	2125	1225	HK+1425	
		1.6	80	30	1								1350	HK+1625		
		2.5	100	36	1							2800	2150	2275	HK+2250	
2000	26	3.0	150	50	1								2725	HK+2500		
		1.0	45	15	1	1500	2700	2200-3000	C4	1300	2000-2400	2300	3100	1250	HK+1450	
		1.6	80	30	1								1325	HK+1575		
		2.5	100	36	1								2225	HK+2150		
2500	33	1.0	45	15	1	1800	2700	2200-3000	C4	1400	2000-2400	2525	3100	1300	HK+1500	
		1.6	80	30	1								1375	HK+1600		
		2.5	100	36	1							2550	3100	2300	HK+2250	

GQ Load capacity
VKN Speed
HQ Travel height

BK Car width
TK Car depth
HK Car height

T2 Telescope door
C2/C4 Centre-opening
telescope door
BT Door width
HT Door height

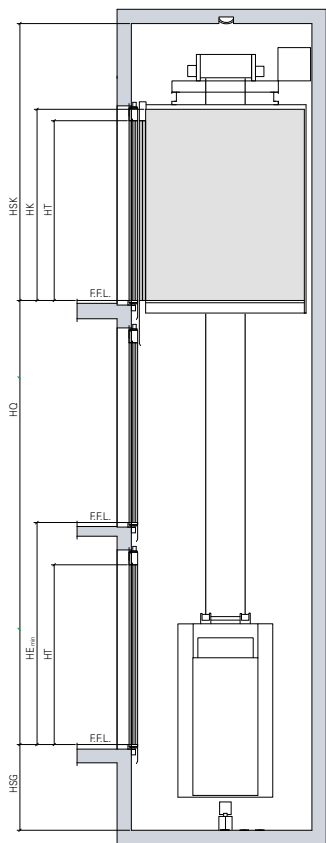
BS Shaft width
TS Shaft depth
HSG Shaft pit depth
HSK Clear overhead below lifting beam
* with balustrade of 700 mm on car top

HEmin = HT + 450 mm
HK = HT + min. 100 mm
Flooring (HKZ): above values based on a maximum floor thickness of 40 mm

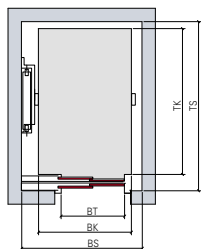
Remarks:

- Our equipment is designed to operate within a temperature range of 5 to 40°C
- To achieve a suitable temperature for service personnel, the shaft temperature should be kept within the range of 5 to 35°C
- The humidity in the shaft should not exceed 90% in monthly average and 95% in daily average without condensation
- Table of dimensions as per EN81, for other country codes and specific requirements (e.g. EN81-72 fire fighter elevator), please contact our local sales office
- Shaft dimensions width & depth are based on clear dimension +/-25mm horizontal tolerances over the total shaft height (for shaft height > 80 m, please consult your sales representative)
- All given information is for general reference and planning. For specific construction detail, please contact our local sales office

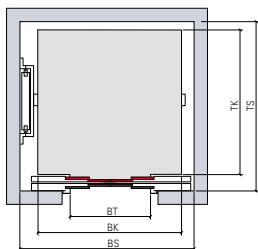
Height and plan view



One-sided entrance



One-sided entrance
telescope door



One-sided entrance
Centre-opening telescope door

For additional information, such as proposals, construction plans, and pricing, please contact our local sales office.

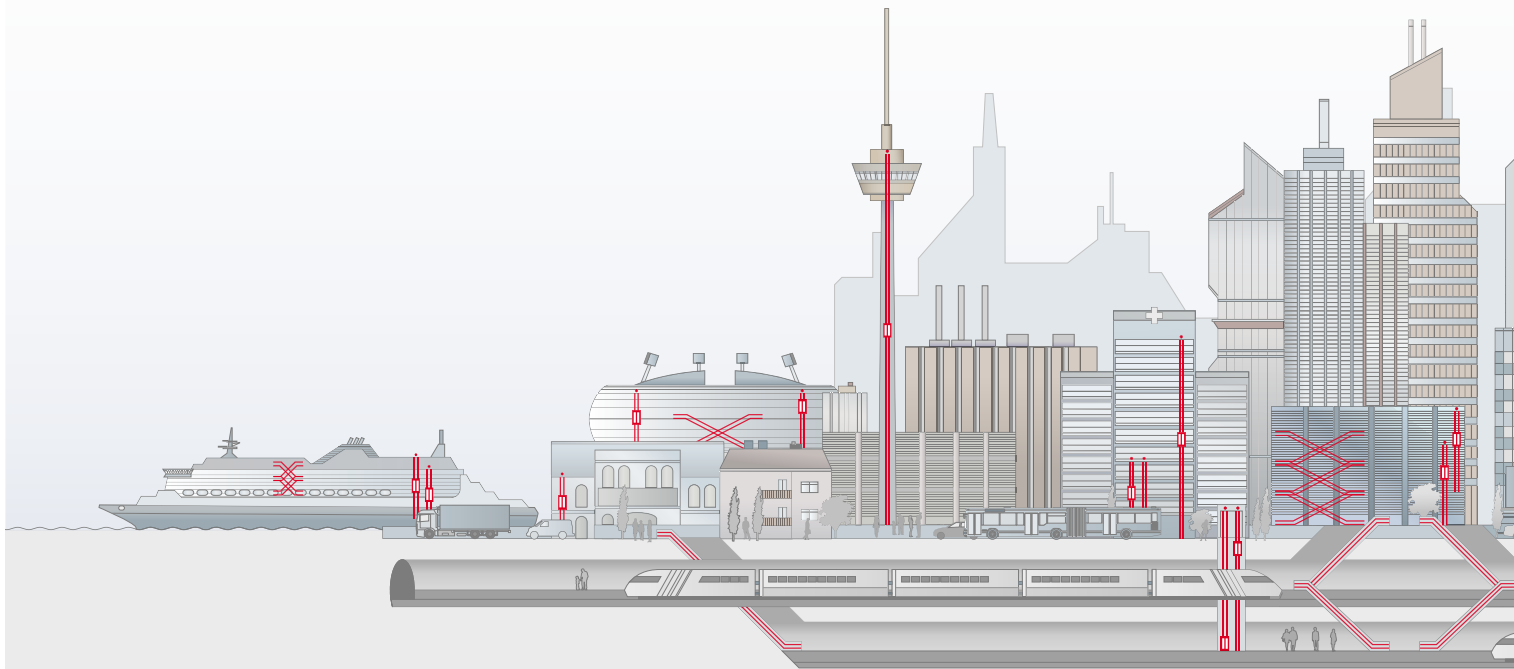
F.F.L. = Finished Floor Level

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, one billion people worldwide place their trust in Schindler products and services.

Schindler provides urban mobility with elevators, escalators and services that are engineered for efficiency and sustainability. Schindler accompanies the development of buildings from planning and construction to daily operation, thus safeguarding their lifetime value.



Ingenious planning

Selecting the right mobility solution means to analyse the building requirements and to calculate the potential traffic patterns. This is at the core of Schindler's planning support to ensure efficient mobility and a convenient journey for passengers. Bringing together global know-how for each individual project.

Schindler planning services:

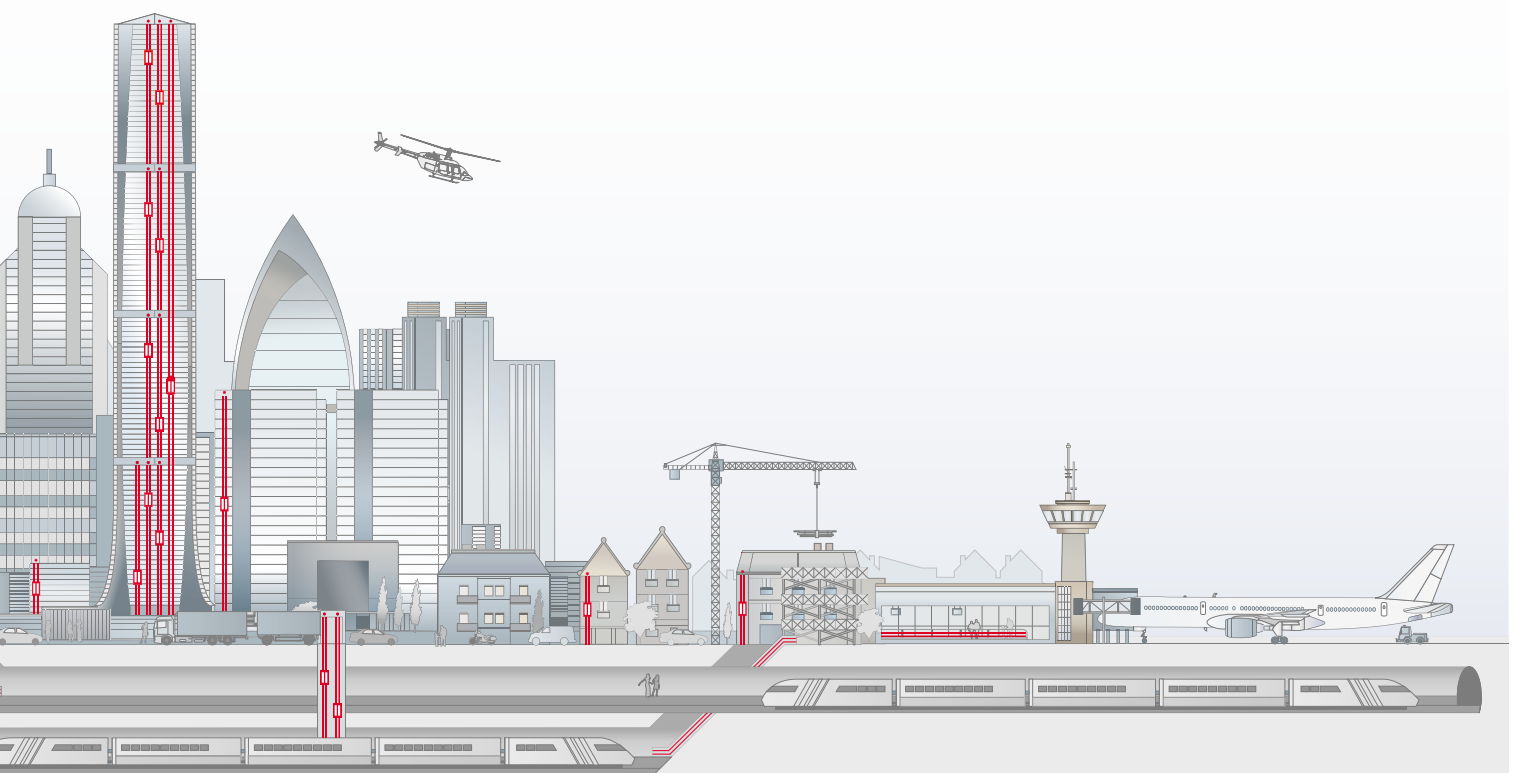
- Expert consultants for traffic and product planning
- Traffic analysis and calculation service
- Specialized engineering centres for customised configurations
- Planning guidelines and tools to expedite shaft planning, building layout and product selection/configuration

Seamless delivery

With a full-range portfolio of elevators and escalators, Schindler provides mobility solutions for any building application. Schindler customers can rely on sustainable technology, excellent project management and profound installation methodologies. It's always the perfect fit.

Technology for all building types and mobility needs:

- Residential and office buildings
- Commercial towers, retail environments
- Hospitals and public buildings
- Heavy-traffic environments
- High-rise buildings
- Cruise liners



Efficient operation

Smooth, hassle-free operation and very high availability are the result of professional maintenance and modernization. Environmental and operational efficiency add value to the investment. Reliability and sustainability – every day, all day.

The maintenance, repair and modernization portfolio:

- Global network of branches and service points
- Skilled and certified technicians and fitters
- Service solutions for all building types and requirements
- Availability and fast delivery of spare parts
- Quick responding call-centre services
- E-monitoring diagnostic tools
- Replacement and step-by-step modernization solutions

Continuous enhancement

Schindler constantly develops new products and features to set standards and increase efficiency. Technological milestones that provide mobility to the urban society – conveniently, safely and ecologically. Progress needs innovation.

The cutting-edge developments:

- PORT Technology – traffic, building communication and access-control management that calculates the swiftest route in the building
- Schindler regenerative PF1 clean drive technology
- Space-saving, weight-optimized designs
- Flexible modernization concepts from full replacements to partial retrofits
- Eco-mode options for escalators and elevators

When vision meets discipline. Schindler partners with Solar Impulse.



Schindler is a main partner of **Solar Impulse**, the zero fuel airplane aiming to fly around the world propelled only by solar energy.

www.schindlerlifts.co.uk

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