



Schindler 3400

An impressive elevator ride.
Our highly flexible passenger elevator
for residential and office buildings.



A blurred photograph of a modern office hallway. The hallway has a dark ceiling with recessed lighting and walls with vertical panels. In the foreground, a bouquet of red and white flowers is out of focus. The word "Variety" is written in white, sans-serif font across the middle of the image.

Variety



Schindler 3400 means variety.

Variety you can enjoy. We will build the elevator you want: a system of one or two units, standard design or custom-made, even glass models are available. A system with style.




Schindler 3400 means space.

Space which is working for you. We optimally use the available room, horizontally and vertically. Everything is custom-made so that you will have the largest possible cabin without giving up any space. A smart design.

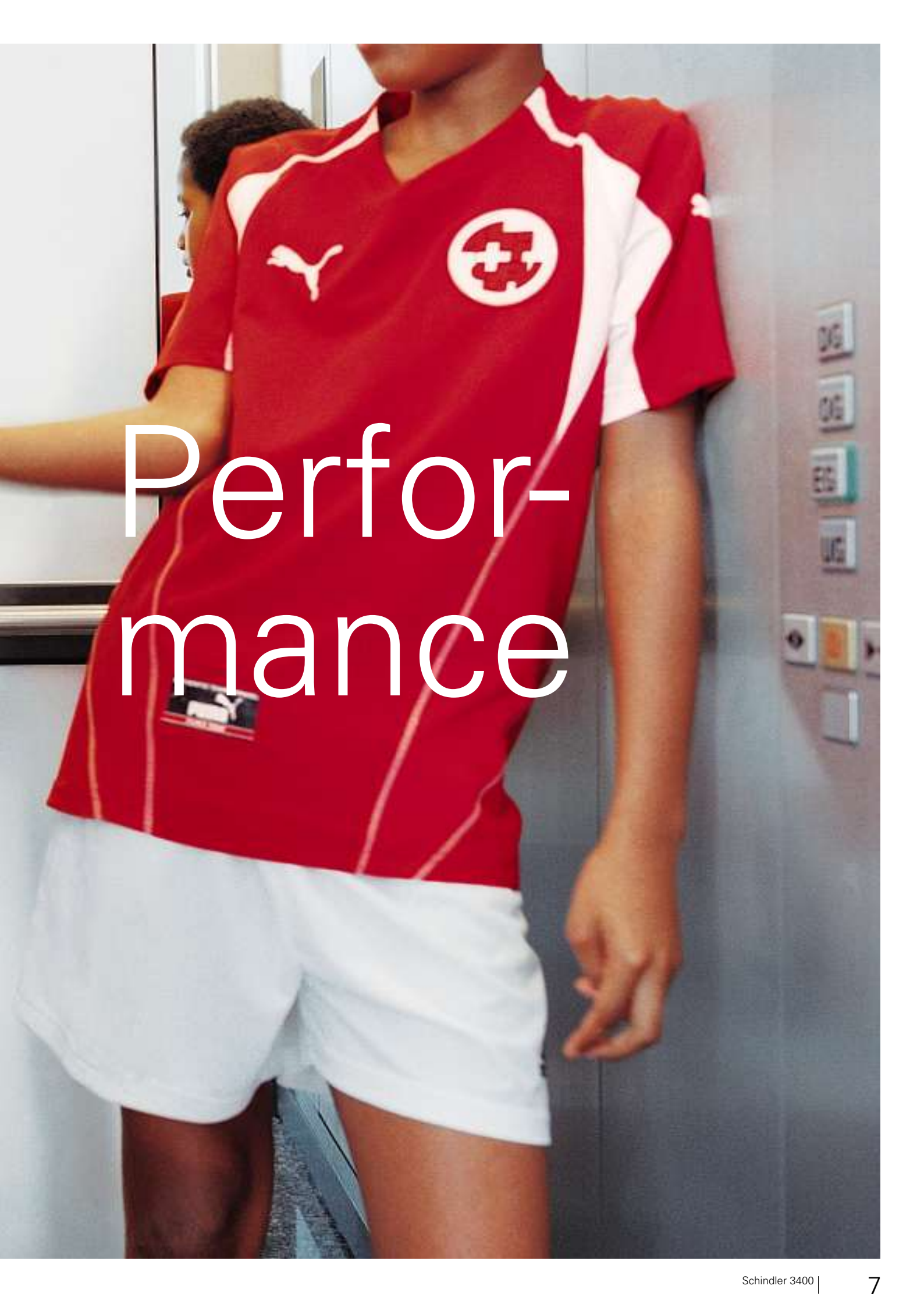


Space

A hand holding a soccer ball in front of an elevator door. The elevator door is closed, and the hand is positioned as if about to kick the ball. The background is a plain wall.

Schindler 3400 means high performance.

Performance you feel every time the elevator moves. It is our job to make sure that the elevator is amazingly fast, quiet and absolutely reliable, while offering superior comfort. A powerful performance.



Performance



Do you expect the best? Then read on.

Perfect for residential and office buildings

If you need an elevator for a building with up to 21 stops, which offers top performance and an attractive look, Schindler 3400 is the answer. The highly flexible elevator was designed especially for residential and office buildings.

Modular structure

The Schindler 3400 was developed with consistent system engineering and maximum standardization in mind. The result is a modular passenger elevator based on state-of-the-art prefabricated components. Naturally, this system does not require a machine room, unless you want one, of course.

Optimal size

The Schindler 3400 saves and optimally utilizes valuable space in the building. Due to variable specifications, we can provide the largest possible cabin.

Monitored around the clock

We monitor your system 24 hours a day, 365 days a year, which allows us to correct any malfunction before it can cause problems, around the clock, including nights.

Energy-saving

The elevator complies with all relevant statutory safety and fire protection requirements and standards. The Schindler 3400 is frugal in its energy consumption, which keeps operating expenses down. You will feel the difference.

Custom-made for you

You select the high-quality cabin interior you want, combine colors and materials to fit your needs. We also offer particularly attractive glass cabins to ensure that the elevator will meet your expectations, inside and outside.

Easy to plan

The Schindler 3400 saves time and money due to an efficient planning process, fast installation, and uncomplicated start-up, whether you require a system of one or two elevators.

Note

Specifications, options, and colors are subject to change.

All cabins and options illustrated in this brochure are representative only. The samples shown may vary from the original in color and material.

Key Figures

Capacity	450–1000 kg, 6–13 passengers
Travel height	max. 65 m, max. 21 stops
Entrances	one-sided or two-sided
Door width	800–900 mm
Door height	2000–2200 mm
Drive	traction, without machine room (configuration including machine room optionally available)
Speed	1,0–1,6 m/s
Control	collective control for a system of one or two elevators
Interior	two flexible design programs

You want fresh, innovative solutions? So do we.

A new home, new surroundings, new rooms, new perspectives generate new feelings. Good feelings. A new elevator contributes to these feelings. The owners of this modern multifamily building chose the Schindler 3400, because it is a high-performance elevator, and because the stainless steel walls and stylish granite floor of the Bloomsbury line match the elegant, sophisticated ambiance where everything is new and beautiful.





Today, we're allowed to stay up late, and I can stay up even later than my sister.



All of a sudden, we have much more space.



Transparence was an important factor for us. We wanted the house to be flooded with light.



We will meet your expectations – and much more.

Drive	Load capacity		Passengers max.		Speed		Travel height max.		Number of stops max.		Nominal rating		Nominal current		Car			Doors			Shaft	
	GQ kg		VKN m/s	HQ m	ZE	PMN kW	INN A	*2 BK mm	*2 TK mm	*3 HK mm	Typ	BT mm	*3 HT mm	HSG mm	*4 HSK mm							
Rope*1	450	6	1,0	35	21	4,2	15	850–1200	1000–1450	2100–2450	T2/C2	800–900	2000–2200	1400	HK+1300							
			1,6	65		7,6	20							1500	HK+1400							
	630	8	1,0	35	21	4,2	15	850–1550	1000–1850	2100–2450	T2/C2	800–900	2000–2200	1400	HK+1300							
			1,6	65		7,4	22							1500	HK+1400							
	800	10	1,0	35	21	6,8	23	850–1900	1000–2250	2100–2450	T2/C2	800–900	2000–2200	1400	HK+1300							
			1,6	65		11,9	34							1500	HK+1400							
			1,0	35	21	6,8	23	850–2100	1000–2700	2100–2450	T2/C2	800–900	2000–2200	1400	HK+1300							
			1,6	65		11,9	34							1500	HK+1400							

GQ Load capacity
 VKN Speed
 HQ Travel height
 ZE Number of stops
 PMN Nominal rating
 INN Nominal current

*1 With or without machine room.

BK Car width
 TK Car depth
 HK Car height

*2 Car dimensions in 50 mm increments. See page 14 for possible combinations.
 *3 Other dimensions available upon request.

T2 Telescope door (two-part)
 C2 Center-opening telescope door
 BT Door width
 HT Door height

HSG Shaft pit depth
 HSK Clear overhead below lifting beam

*4 With balustrade of 700 mm on car top.

Number of entrances one or two (opposing)
 Number of rides: 180 per hour
 Power supply: 400 V
 Optional: 230 V

Shaft width/depth: in the planning section on pages 26 and 27 the ranges shown reflect typical elevator situations.

Cabin

Efficient planning means optimally using the available space. The cabin of the Schindler 3400 is custom-made to ensure that it fits perfectly in width, depth, and height. Cabin dimensions are flexible and available in 50 mm increments.

Doors

Doors are made to order with two panels, which open centrally from the left or the right. Variable, continuously adjustable door opening and closing cycles reduce waiting times and transport more passengers within a shorter time. A very powerful system.

Standards

The Schindler 3400 is certified according to Lift Directive 96/16/EC and conforms to all relevant standards.

- EN 81-28 Remote emergency calling system for passenger and cargo elevators
- EN 81-70 Accessibility of passenger elevators including persons with disabilities (optional)
- EN 81-71 Protective measures against intentional destruction (vandal-proof operator panels and cabin interior) (optional)

Environment

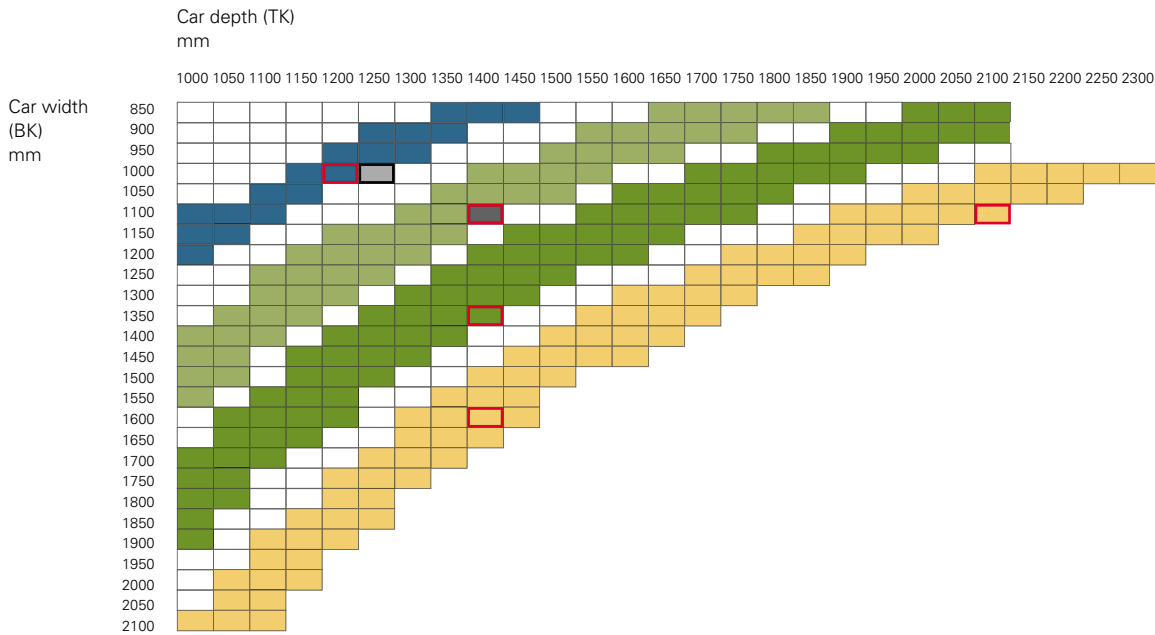
The Schindler 3400 meets the requirements of ISO 14001 and offers very favorable energy consumption rates. It is environmentally friendly in design and operation.

Monitoring

To prevent problems, we permanently monitor the Schindler 3400 in our headquarters, 24 hours a day, 365 days a year.

We're not exaggerating: How much cabin would you like?

Cabin area and load capacity



One-sided entrance, changes in dimensions of door-type width.



The minimum required cabin area is defined by statutory regulations based on the expected number of passengers and the load capacity.

With the flexible cabin dimensions of the Schindler 3400 you can get the most out of the available space under any circumstances.

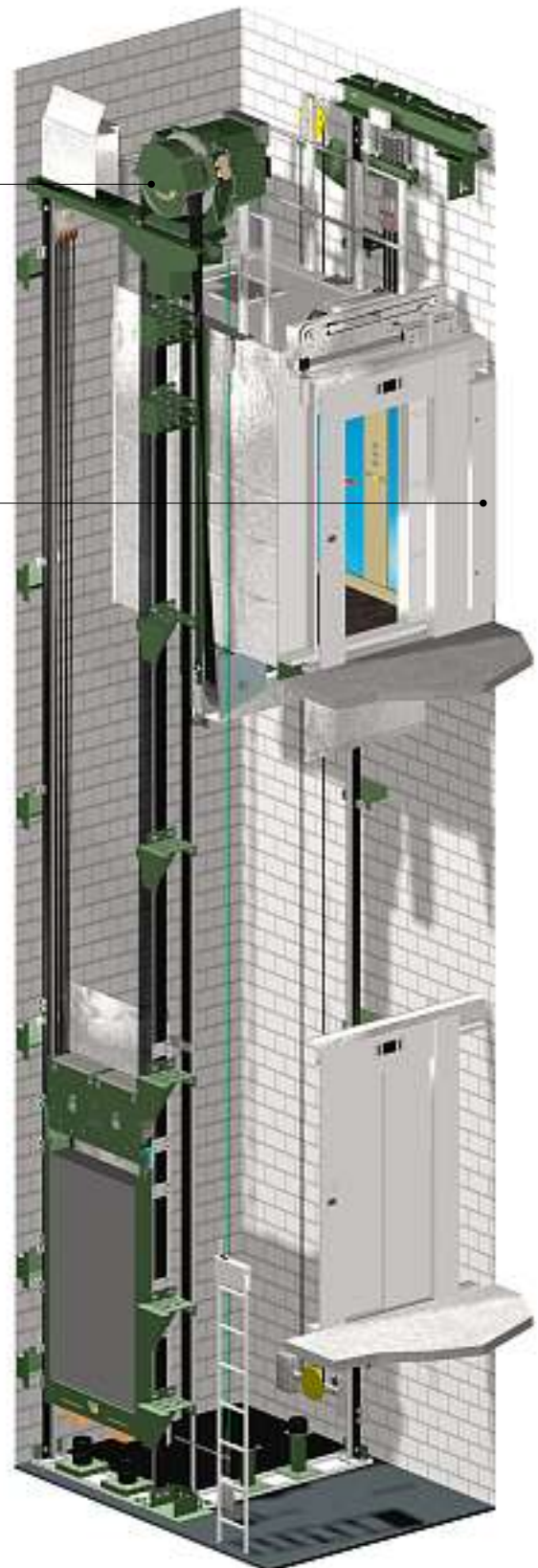
The Schindler 3400 is an electromechanically operated elevator which runs at high speed – up to 1.6 m/s. It saves a lot of space in the building because a machine room is not needed and due to the reduced headroom height. These advantages cannot be overlooked.

Drive

The high-performance permanent-magnet drive of the Schindler 3400 is gearless, which increases efficiency. The motor is relatively small and runs noiselessly. A comfortable, smooth ride without vibration is guaranteed, especially as a result of central suspension and variable frequency control. The elevator has excellent stopping accuracy, is economical in its energy consumption, and subject to minimum heat emission.

Control

The microprocessor control of the Schindler 3400 optimally meets a wide range of requirements, for a system of one or two elevators. Choose between the following standard controls: pick-up, up/down collective, or collective-selective. More than 100 standard control options are available for individual configuration. Rides can also be controlled by key switch or card reader.



Even the design is flexible: You order, we deliver.

A broad range of high-quality materials for a wide variety of combinations: with the Schindler 3400 you create precisely the cabin you want. We offer two interior design programs: Bloomsbury and Soho. Let your imagination take you away.

Design examples



Bloomsbury

Walls: Stainless steel brushed
Ceiling: Mirror polished
Floor: Wood laminate Beech
Lighting: Indirect
Mirror: Clear glass, full-height, rear wall
Handrail: Orthogonal, aluminum



Soho

Walls: Glass
Ceiling: Mirror polished
Floor: Stone Black
Lighting: Indirect
Mirror: None
Handrail: Round, stainless steel

Bloomsbury



Soho



Walls Car front Door	Walls Front Door Powder-coated Basel Gray	Walls Front Door Powder-coated Biarritz Blue	Walls Front Door Powder-coated Thessaloniki Blue	Walls Front Door Powder-coated Glasgow Green	Walls Laminate Aosta Brown	Walls Laminate Kos Blue
Walls Laminate Lucerne Green	Walls Laminate Locarno Blue	Walls Laminate Bremen Red	Walls Laminate structured Florence Yellow	Walls Laminate structured Ulm Brown	Walls Laminate structured Geneva Green	Walls Laminate structured Turku Gray
Walls Skinplate Messina White	Walls Skinplate Linz Gray	Walls Skinplate Como Blue	Walls Skinplate Salamanca Orange	Walls Front Door Stainless steel brushed	Walls Front Door Stainless steel Dama pattern	Walls Front Door Stainless steel linen
Ceiling	Powder-coated Bergen White	Powder-coated Basel Gray	Powder-coated Biarritz Blue	Powder-coated Thessaloniki Blue	Powder-coated Glasgow Green	Stainless steel brushed
Mirror polished	Stainless steel Dama pattern	Stainless steel linen				
Floor	Green structured rubber	Gray structured rubber	Black structured rubber	Resimix Gray	Resimix Black	Stone Black
Stone White	Wood laminate Beech	Wood laminate Cherry	Wood laminate Mahogany	Prepared for local floor		

Bloomsbury.

Do you like exclusivity? So do we.

The benefits of the Bloomsbury design program are twofold: A vast variety of interior design options combined with the advantages of factory standardization. You can mix and match what you like best of the carefully selected colours and materials: stainless steel, powder coating, laminate, skinplate, mirror polished, stone, wood or rubber in a wide variety of colours and textures. You can even select the operating panel to create an individual look for a sophisticated environment.

Walls Door Frames	Walls Door Glass	Frames Stainless steel brushed	Frames Stainless steel linen	Frames Stainless steel Dama pattern	Frames Powder-coated Basel Gray	
Ceiling	Powder-coated Bergen White	Powder-coated Basel Gray	Powder-coated Biarritz Blue	Powder-coated Thessaloniki Blue	Powder-coated Glasgow Green	Stainless steel brushed
Mirror polished	Stainless steel Dama pattern	Stainless steel linen				
Floor	Green structured rubber	Gray structured rubber	Black structured rubber	Resimix Gray	Resimix Black	Stone Black
Stone White	Wood laminate Beech	Wood laminate Cherry	Wood laminate Mahogany	Prepared for local floor		

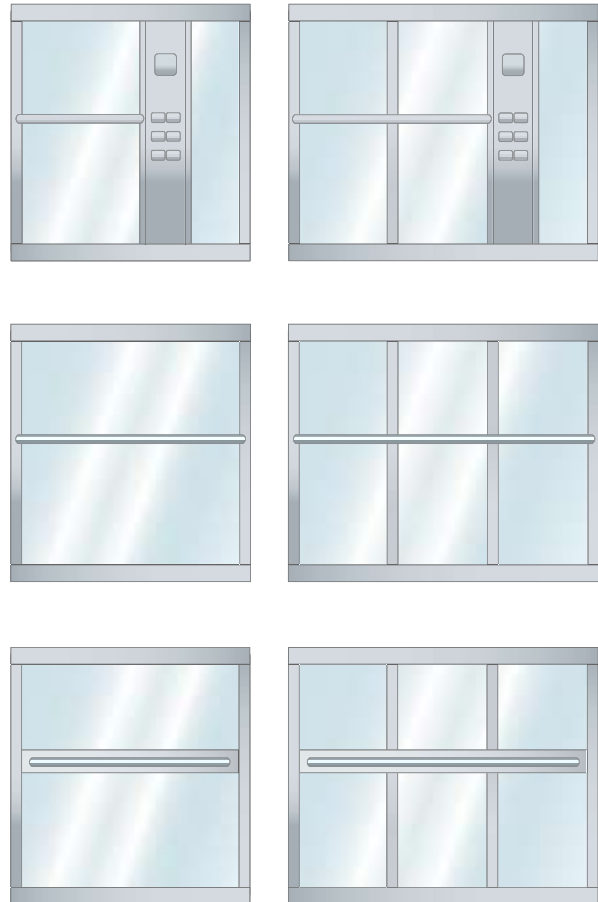
Soho.

Would you like to have an unobstructed view? We will not stand in your way.

The Soho design program proves the point. Cabins made entirely or partly of glass are extraordinarily attractive. The transparency is utterly fascinating and provides the building complex with technical and functional refinement. Glass cabins can be installed in a glass shaft, inside or outside the building. Inside, glass cabins may not need a shaft.

Schindler glass cabins comply with the same standards and requirements as all other cabins. Multilayer safety glass for the doors and a light curtain for passenger comfort ensure that the system is safe. A unique elevator with special appeal.

Examples of glass configuration



Glass across full width \leq 2100 mm

Perfection. Down to the last detail.

Car and landing operating panels

The elegant car operating panel of the Schindler 3400 extends over the entire car height. It is set into and aligned flush with the car wall and available in stainless steel.

Lighting

Our standard program offers a selection of two types of car lighting: halogen spots in the ceiling, or indirect lighting in the lowered ceiling, both generating an exceptionally pleasant light.

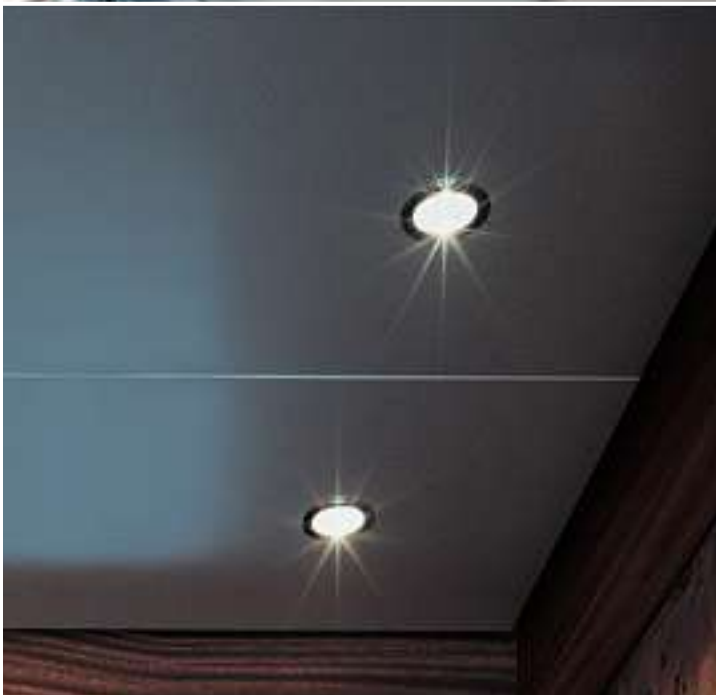
Mirrors

Full-height or half-height mirrors of clear or smoked glass can be installed on the side walls or on the rear wall.

Handrail

To provide support, the elevator can be equipped with a rounded or square handrail in aluminum, stainless steel, maple, or mahogany.

Glass car, Ceiling lights, Handrail, Landing operating panel, Ceiling lights, Car operating panel



Why wait if you don't have to?



Planning

The Schindler computation programs quickly find the most efficient solution for any traffic situation. Parametric outline, small-size grid, and the fewest possible connection points to the building ensure that planning is easy and efficient.

The Schindler 3400 requires no machine room, although it can, of course, accommodate one, if needed. Planning is simpler without a machine room. Only one room, the elevator shaft, has to be designed. Standardized plans facilitate the process.

One site visit is enough for us to record the data. An easy and efficient procedure.

Ordering

The Schindler 3400 is sophisticated, yet simple in design. The key factors are quickly established. Complex specifications are not necessary, and therefore, it is easy to place an order. The right product to cover your needs is quickly selected. Remarkably easy.



Delivery

The Schindler 3400 is delivered complete and ready assembled, and not before the building is ready for installation.



Installation

Standard interfaces and uncomplicated cabling are the prerequisites for a fast and effortless start-up. Simply a well-thought-out process.

Our goal is to save you as much time and money as possible. Therefore, we have developed an efficient system consisting of planning process, purchase order, delivery, and installation of the Schindler 3400. We avoid all unnecessary paperwork and needless telephone calls. Information is accessible at all times, even externally.

We communicate as directly as possible with our customers and business partners. When practical, we use the Internet.

We supply elevators that are easy to buy, easy to operate, and easy to service.

Defining the specifications to heighten your anticipation.

Planning information

Machine room-less traction elevator with frequency controlled drive, 450–1000 kg capacity, 6–13 passengers.

Drive	Load capacity		Passengers ^{max.}	Speed	Car			Doors			Shaft			
	GQ kg	VKN m/s			BK mm	TK mm	HK mm	Typ	BT mm	HT mm	*1 BS mm	*1 TS mm	*3 HSG mm	*2/3 HSK mm
Rope	450	6	1,6	1000	1200	2200	T2	800	2000	Z1: 1500 Z2: 1700	Z1: 1600 Z2: 1750	1500	3600	
	630	8	1,6	1100	1400	2200	T2	900	2000	1650	Z1: 1850 Z2: 1950	1500	3600	
	800	10	1,6	Z1: 1350 Z2: 1200	1400	2200	T2	1100 900	2000	Z1: 1950 Z2: 1700	Z1: 1850 Z2: 2150	1500	3600	
	1000	13	1,6	1100	2100	2200	T2	900	2000	1650	Z1: 2500 Z2: 2650	1500	3600	

GQ Load capacity
VKN Speed
HQ Travel height

BK Car width
TK Car depth
HK Car height

T2 Telescope door
BT Door width
HT Door height

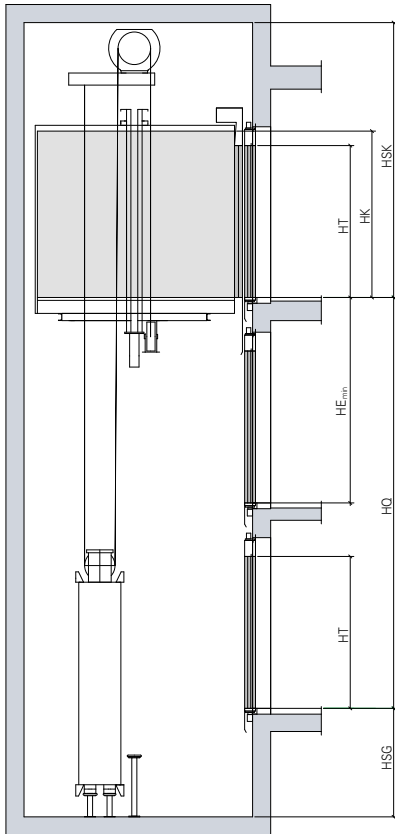
BS Shaft width
TS Shaft depth
HSG Shaft pit depth
HSK Clear overhead below lifting beam

*1 Z1 = 1 entrance
Z2 = 2 entrances
*2 With balustrade of 700 mm on car top.
*3 by VKN = 1,0 m/s HSG and HSK can be reduced by 100 mm each

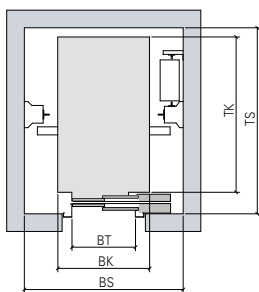
HE_{min} = HT + 600 mm for one-sided entrances
HE_{min} = 300 mm for staggered opposite entrances

For additional information, such as proposals, construction plans, and pricing, please contact our Sales Department directly.

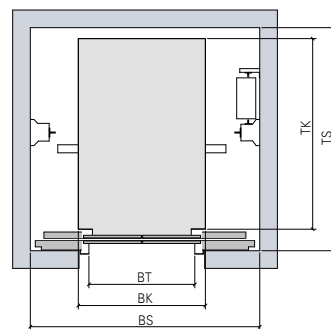
Height and plan view



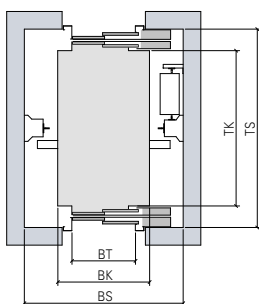
One-sided entrance



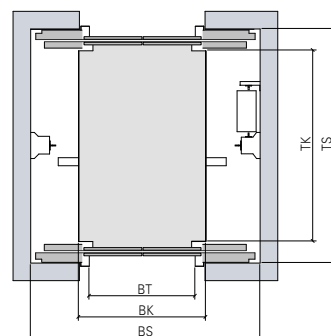
One-sided entrance
Telescopic door



One-sided entrance
Center-opening telescope door (two-part)



Two-sided entrance
Telescopic door



Two-sided entrance
Center-opening telescope door (two-part)

You know where to find us.
We look forward to seeing you.

For additional information and the location
of our subsidiary nearest you, please contact:

www.schindler.com