



Schindler 3100
Plenty of space. Great value.








We do what we promise. And we promise a lot.

A sensible choice

Are you looking for an elevator for a smaller residential building? Schindler 3100 is the right choice for you. The elevator is designed for a maximum of five stops. It is sophisticated, yet simple, highly standardized and quickly installed. No complicated specifications are required. A practical and cost-effective solution.

Offering more space

The car of the Schindler 3100 offers plenty of space. We specifically designed the elevator to minimize the space required for the technical equipment. With traction belts, our latest development, standardized shafts are able to hold cars that are up to 25 cm wider and accommodate one or two additional passengers in conventional shafts. Lets look at what this means in detail:

Shaft dimensions* width x depth	Previous		New	
	Capacity	Passengers	Passengers	Capacity
1500 x 1600 mm	450 kg	6	+  7	535 kg
1500 x 1650 mm	450 kg	6	+  7	535 kg
1600 x 1750 mm	630 kg	8	+  9	675 kg

* Applicable to cars with one-sided entrance

Conspicuously quiet

Due to the traction belts, the Schindler 3100 moves very quietly. An advantage that impacts the entire building.

Note

Specifications, options and colors are subject to change.

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

Car interior
Pisa Orange

Space-saving design

Another outstanding feature of the Schindler 3100 is the low headroom height, which adds space for you to use. In addition, this elevator requires no machine room. The control unit is installed directly in the door-frame. A separate control cabinet is not necessary, all of which saves space and effort.

This elevator outperforms hydraulic systems

The Schindler 3100 traction elevator is an ideal alternative to hydraulic systems, because it uses less energy and emits no odours.

The elevator pays off

The Schindler 3100 is environmentally friendly and economical in its use of resources, which contributes to lower operating expenses. The effects are truly noticeable.

A look that compliments your building's style

In addition to a stainless steel model, the car interior is available in four carefully selected colours to create a delightful ambience in your elevator.


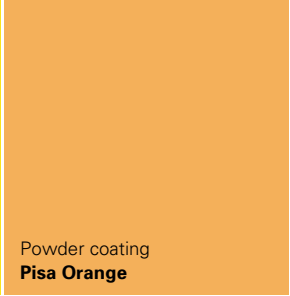

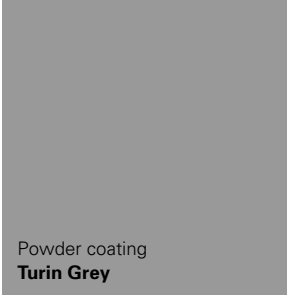
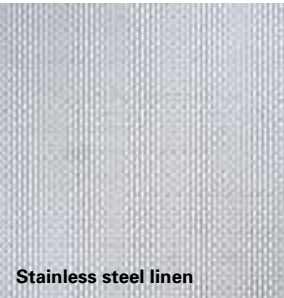
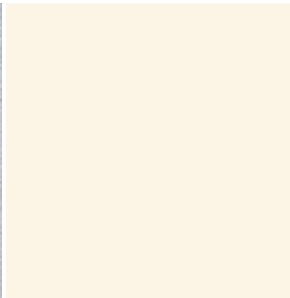

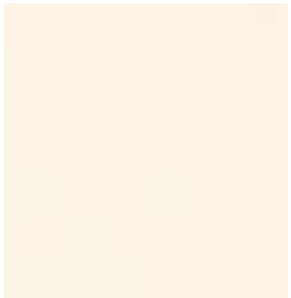

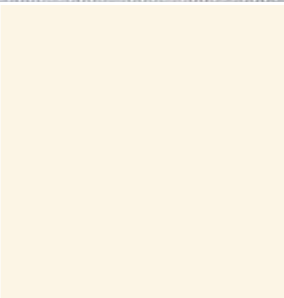



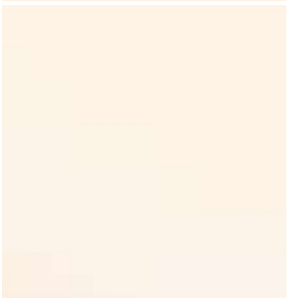

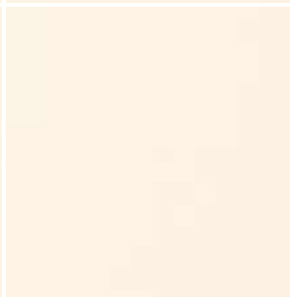
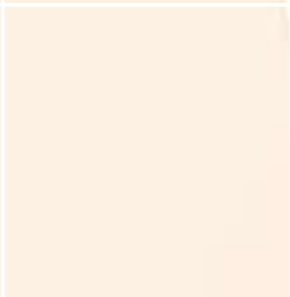


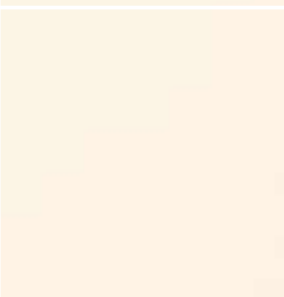
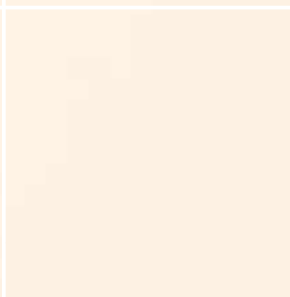
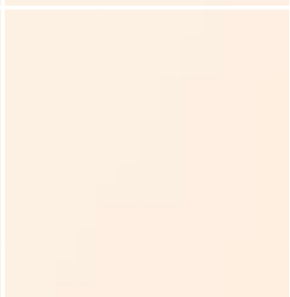


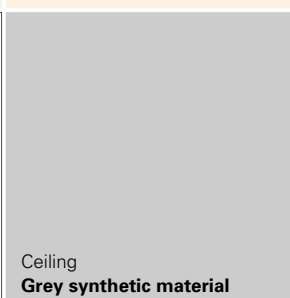
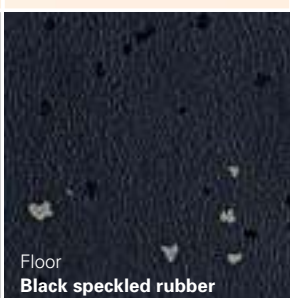
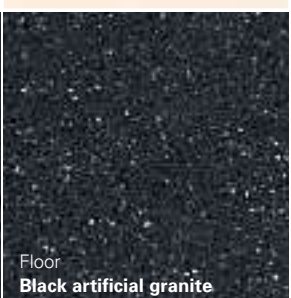
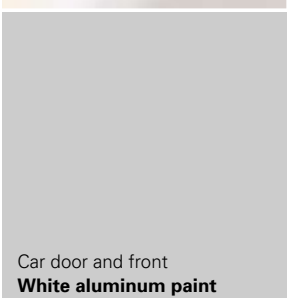

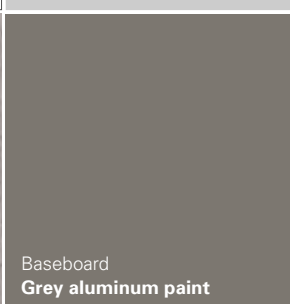


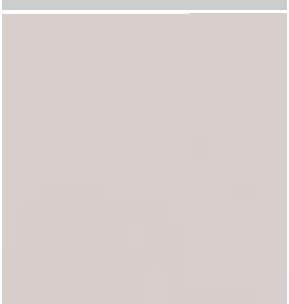
Superior standards

Schindler is setting new standards: Automatic evacuation is a standard feature of our elevator systems. Even in the event of a power failure, the Schindler 3100 will take you safely to the next floor.

Key figures

Capacity	535 and 675 kg, 7 and 9 passengers
Travel height	Max. 14 m, max. 5 stops
One-sided entrance*	535 kg, 675 kg
Two-sided entrance*	535 kg, 675 kg
Door width*	800 mm, 900 mm
Door height*	2000 mm, 2100 mm
Drive	Gearless/frequency-controlled
Speed	0.63 m/s
Control	Push-button control and down collective control
Interior	Four colors and stainless steel

* For possible combinations, see the planning data on page 10.

<p>Walls</p>	 <p>Powder coating Arles Yellow</p>	 <p>Powder coating Pisa Orange</p>	 <p>Powder coating Athens Blue</p>	 <p>Powder coating Turin Grey</p>
 <p>Stainless steel linen</p>				
				
				
				
<p>Ceiling Floor Door area Baseboard</p>	 <p>Ceiling Grey synthetic material</p>	 <p>Floor Black speckled rubber</p>	 <p>Floor Black artificial granite</p>	 <p>Car door and front White aluminum paint</p>
 <p>Car door and front Stainless steel hairline</p>	 <p>Baseboard Grey aluminum paint</p>			

Colours that brighten up the ride.



Arles Yellow



Pisa Orange



Athens Blue



Turin Grey



Stainless steel linen

The car is attractive. Arles Yellow, Pisa Orange, Athens Blue and Turin Grey are fresh shades that are unusually inviting due to their brilliance and brightness. Combine them with a dark rubber or granite floor and a ceiling of light grey synthetic material.

The same is true for the stainless steel model. Stainless steel with linen structure heightens the effect of technical functionality. The material looks elegant. The lighting is embedded in the ceiling and gives off a pleasant light. Upon request, the car can be enhanced with half-length mirror and handrail.

Quality is not necessarily expensive, and complex is not necessarily complicated.

Car operating panels

The car operating panel with white back-printed background is available with push buttons. The buttons emphasize functionality and are designed to standard. The panel ensures that communications with passengers are absolutely reliable, clear and identifiable.

Standard:

- Door open and alarm button
- Braille
- Visual and acoustic confirmation of call acceptance

Options:

- Position indicator
- Voice floor announcement (selected languages)
- Direction arrows for memory push button control
- Pre-announcing arrows for collective controls
- EN81-70 compliant

Landing operating panels

Standard:

- Stylish panel with push button

Options:

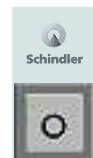
- Braille
- Key switch on landing



Car operating panel,
push buttons



Car position
indicator



Landing operating
panel, push button

Handrail



Ceiling lights



Mirror

Upon request, a half-length mirror of safety glass will be provided on one side wall or on the rear wall.

Handrail

The handrail matches the colours and shapes of the other interior elements. It may be mounted to a side wall or to the rear wall.

Doors

Doors are equipped with a frequency-controlled drive for fast and reliable operation. Telescope sliding doors are available opening to the left or to the right.

Car doors

Standard:

- White aluminium paint

Option:

- Stainless steel

Landing doors

Standard:

- Prime painted

Options:

- Stainless steel
- Fronts (Facade) in shaft width

Baseboard



Car operating panel



Control

The control system is based on low-energy multi-processor technology. The compact main control unit of the decentralized system is integrated in the doorframe and includes both push-button and down collective control.

Control functions

Standard:

- Self-diagnostic, self-testing
- Photocell protection on doors
- Overload detection
- Permanent two way communication for connection to an assistance centre
- Automatic evacuation to nearest floor

Options:

- Automatic return to the main floor from all floors
- Restricted access to floors (access via key contact)
- Double entrance with parallel operation
- Fireman's control
- Light curtain
- Independent service via in-car reservation key
- Handicapped options
- Alarm horn on car

Special options for parking floors

- Car call by key
- Automatic return to main floor from parking floors

Drive

The Schindler 3100 only requires a small drive. This saves significant space in comparison to previous drives. It can be installed directly in the headroom and does not require a machine room. The drive has low energy consumption and causes minimum noise due to the material of the traction belts. For both passengers in the car, and occupants of the building, it's a real increase in comfort.

Traction Belts

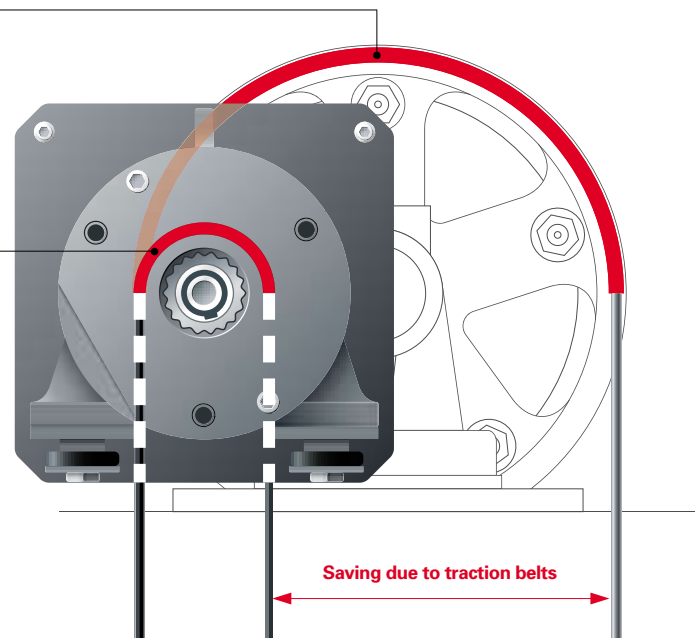
Traction belts consist of thin metal cables sheathed with rubber or polyurethane. They replace conventional steel cables, weigh less, require less space, and run quieter. Thanks to the traction belts, there is room for the drive to be positioned directly in the elevator shaft – providing room for a larger car.

Previously: Steel cables

Steel cables are relatively inelastic. They need a driving pulley diameter of at least 320 mm to handle the cable diameters required for elevators. The complete conventional motor including drive gears must be large enough to match. A system that requires space.

New: Traction Belts

Traction belts are flexible. They use a much smaller driving pulley diameter than steel cables, only 72 mm, requiring a much smaller motor. A design that saves space.



We design today what you need tomorrow. See for yourself.



Planning

The Schindler 3100 requires no machine room. For you, this means less planning. Only one space, the elevator shaft, has to be designed. Standardized plans simplify the process, making it fast and efficient.



Order

The design of the Schindler 3100 is sophisticated, yet simple. The key parameters are quickly determined. Since there are no complicated specifications it is easy to place an order. You will quickly and effortlessly find the product that fits your needs.



Delivery

We deliver the Schindler 3100 completely assembled in a consolidated package at the exactly moment when the building is ready for it.



Installation

The mountings are easily positioned directly in the floor and the elevator is quickly installed. No cranes or scaffolding are required. A well thought out process.

A straight line is the shortest route, and we are taking it.

Machine room-less cable elevator with frequency-controlled drive
535 and 675 capacity, 7 and 9 passengers

Capacity	Passengers max.		Travel height max.		Number of stops max.		Available entrances max.			Door			Shaft				
	Speed						Car			Door			Shaft				
GQ kg	VKN m/s	HQ m	ZE			BK mm	TK mm	HK mm	Type	BT mm	HT mm	BS mm	*1 TS mm	*2 TS mm	HSG mm	HSK mm	
535	7	0.63	14	5	2	1050	1250	2145	T2	800	2000/2100	1500	1600	1800	1100	3400	
							1300						1650	1850			
675	9	0.63	14	5	2	1200	1400	2145	T2	800	2000/2100	1600	1750	1950	1100	3400	
										900							

GQ Capacity
VKN Speed
HQ Travel height
ZE Stops
HE Interfloor distance

BK Car width
TK Car depth
HK Car height

T2 Telescope door,
2-part
BT Door width
HT Door height

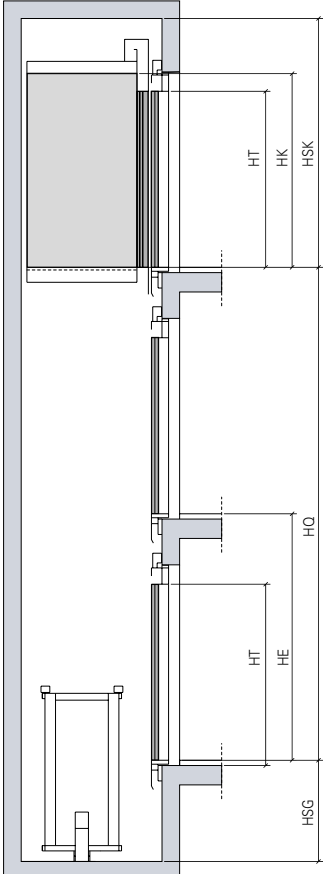
BS Shaft width
TS Shaft depth
*1 1 entrance
*2 2 entrances
HSG Pit depth
HSK Headroom height

Interfloor distance (HE) is:
min. 2400 mm for door height 2000 mm
min. 2500 mm for door height 2100 mm

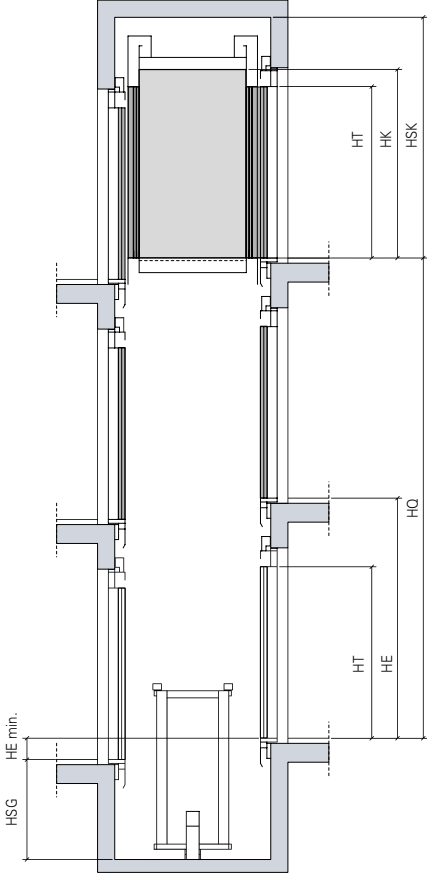
The short interfloor distance (HE min.) for
opposite entrances is 300 mm.

EC Master Builder Certificate in accordance
with Elevator Directive 95/16/EC

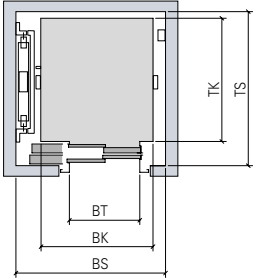
Height and Layout



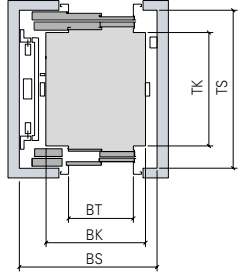
One-sided entrance



Two-sided entrance



One-sided entrance, telescope door



Two-sided entrance, telescope door

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

Our global organization is always behind you.

For additional information and the location
of our office:

www.schindlerlifts.co.uk

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