Schindler 3100
Practical and reliable. Our passenger elevator with all essentials on board.
‘Basic’ means combining essentials with comfort

**Practical**
The Schindler 3100 is easy to plan and install. Its pre-engineered components and interior designs make selecting what you need uncomplicated. A highly standardized solution for amazing practicality.

**Reliable**
Our Schindler 3100 is the essence of hassle-free mobility. It delivers reliable performance with smooth operation through proven technology and intelligent construction that makes travelling easy for users.

**Key figures**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>340 kg, 408 kg, 476 kg, 544 kg 5, 6, 7, 8 passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel height</td>
<td>Max. 45 m, max. 16 stops</td>
</tr>
<tr>
<td>Entrance</td>
<td>One sided</td>
</tr>
<tr>
<td>Door width</td>
<td>750 mm, 800 mm</td>
</tr>
<tr>
<td>Door height</td>
<td>2000 mm</td>
</tr>
<tr>
<td>Car Group</td>
<td>Duplex Car Group</td>
</tr>
<tr>
<td>Drive</td>
<td>Eco-friendly gearless machine; frequency controlled</td>
</tr>
<tr>
<td>Speed</td>
<td>0.63 m/s, 1 m/s</td>
</tr>
<tr>
<td>Control</td>
<td>Full collective and down collective</td>
</tr>
<tr>
<td>Interior</td>
<td>Four colors and stainless steel interior designs</td>
</tr>
</tbody>
</table>

For possible combinations, see the planning data on page 12.
Practical in planning

Schindler 3100 is a machine room less (MRL) elevator which offers more flexibility to design the building, and ensures an overall saving in cost and time. It is designed for 16 stops with travel up to 45 meters and offers capacity upto 8 passengers. It is sophisticated, yet simple, highly standardised and quickly installed.

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The standard fit

The car of the Schindler 3100 is designed to meet standard IS dimensions for up to eight passengers. Just plan the shaft and we’ll take care of the rest. It’s the standard fit and the ultimate in convenience.

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Intelligent use of space

Like all our elevators, the Schindler 3100 is intelligently designed with some outstanding features like the headroom height. It also requires no machine room and the control unit can be installed directly in the door frame. Talk about an intelligent use of space.

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Fresh and sophisticated

The car is available in four different, carefully selected colors and a stainless steel finish. They all give your new Schindler 3100 a fresh and sophisticated feel. Just pick the one right for you.
Reliable in operation

The Schindler 3100 promises mobility you can rely on and it delivers this every day. System engineered to always meet the requirements of its range of application, it ensures high availability for users and efficient operation. This elevator keeps its promise as a truly peace-of-mind mobility solution.

Safety, our main priority

Automatic sliding doors, equipped with light curtains ensure a comfortable and safe operation. They are equipped with a frequency-controlled drive for fast and reliable operation - and the advantage of a wider opening in a narrow shaft. The Automatic Evacuation Service takes you to the nearest floor in case of power failure. The landing doors are two hours fire rated and provide additional protection and safety to passengers. All these come as standard.

Proven technology

The Schindler 3100 has a small drive that is much more space saving than previous drives. In fact, it can be installed directly in the headroom. Smaller also means it’s economical in energy consumption. And due to an intelligently designed traction media, it’s also much quieter - in the car and throughout building. We’re talking about noticeable comfort improvement.

Environmentally sound

Because the Schindler 3100’s drive system replaces conventional steel cables with a new traction media, it weighs less and it’s gearless and requires no oil for lubrication. In fact the system emits no hazardous substances, meaning great indoor air quality. Gearless drive system improves the power efficiency and thus help to reduce the environmental footprint of the building.
Sometimes it’s easy to be colorful, isn’t it?
Five interior designs that provoke envy

Colors and textures
Choose from Kolkata Ivory, Marina blue, Jaipur Pink and Dehradun Grey for your Schindler 3100. These colors are brilliant and bright, fresh and inviting. There is also a stainless steel model in a hairline finish look of elegance. Combine them with a dark PVC floor and a light grey ceiling. The lighting is embedded in the ceiling and gives off a pleasant glow. Upon request, the car can be enhanced with a half length mirror and a hand rail.

Mirror
Upon request, a half length mirror of safety glass will be provided on the rear wall.

Handrail
The handrail matches the colors and shapes of the other interior elements. It comes in painted Grey for the powder coated panels and in stainless steel finish for the stainless steel interior. It will be mounted on the rear wall.

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 Deco Walls:
Vibrant colours and Stainless steel hairline finish

Note
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Compliment your elevator with appealing details
Operating panels, controls and options

**Car operating panels**
The car operating panel is available with push buttons. The buttons emphasize functionality. The panel ensures that communication with passengers is absolutely reliable, clear and unmistakable.

**Standard:**
- Door open and alarm button
- Visual conformation of call

**Options:**
- Voice floor announcements (English)

**Landing operating panels**
**Standard:**
- Stylish panel with push button in Stainless Steel finish

**Control**
The control system is based on low-energy multiprocessor technology. The compact, main control unit is integrated in the doorframe and available in full and down collective control.

**Control functions**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Self-diagnostic, self-testing</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Light curtain</td>
</tr>
<tr>
<td></td>
<td>Overload detection</td>
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<tr>
<td></td>
<td>Automatic evacuation to nearest floor</td>
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<tr>
<td></td>
<td>Stylish, resistant brushed stainless steel panel with glass display</td>
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<tr>
<td></td>
<td>Dot matrix display</td>
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<td></td>
<td>Call acceptance (visual)</td>
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<tr>
<td></td>
<td>Door open and alarm buttons</td>
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<tr>
<td></td>
<td>Position indicator</td>
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<tr>
<td></td>
<td>Auto fanlight cut-off</td>
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</tbody>
</table>

**Options**
- Duplex control
- Attendant control by key switch
- Automatic return to main floor from parking floors
- Intercom 3-way*
- Fireman control

*Intercom is mandatory for travel height greater than 30 meters

**Car and landing doors**
Telescopic sliding doors with frequency controlled drive and opening to the left or to the right.

**Car doors**

<table>
<thead>
<tr>
<th>Standard</th>
<th>MS powder coated in Grey Shade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option</td>
<td>Stainless Steel Hairline</td>
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</table>

**Landing doors**

<table>
<thead>
<tr>
<th>Standard</th>
<th>MS powder coated in Grey Shade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fire rated landing doors - 2 hours</td>
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</tbody>
</table>

**Options**
- Stainless Steel Hairline

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 operating panels, push buttons
197 mm x 1052 mm

Landing operating panels, push buttons
65 mm x 160 mm

Landing operating panels, with display
130 mm x 290 mm

Landing operating panels, with display
65 mm x 290 mm
### Schindler 3100

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Passengers</th>
<th>GQ kg</th>
<th>VKN m/s</th>
<th>HQ m</th>
<th>ZE</th>
<th>Entrance</th>
<th>BK mm</th>
<th>TK mm</th>
<th>HK mm</th>
<th>Type</th>
<th>BT mm</th>
<th>HT mm</th>
<th>BS mm</th>
<th>TS mm</th>
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</table>

### HEADROOM HEIGHT (HSK) & PIT DEPTH (HSG)

<table>
<thead>
<tr>
<th>VKN m/s</th>
<th>HSK with Hooks mm</th>
<th>HSK with Beams mm</th>
<th>HK mm</th>
<th>Balustrade Height mm</th>
<th>HSG for Rest of India mm</th>
<th>HSG for West Bengal mm</th>
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</thead>
<tbody>
<tr>
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<td></td>
<td>4000</td>
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<td>4100</td>
<td>4400</td>
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</tbody>
</table>

### Remark

for planning data with Centered doors in shaft, please contact our local Schindler representative
Interfloor distance (HQ) is Min. 2600 mm
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 analyze 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 centers for customized 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-center 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