Schindler 7000
Double-deck elevators.
Not only trees grow to the sky.

Big cities are growing vertically, more and more. The speed and time pressure of daily life leave no alternative. Modern mixed-use tall buildings are vertical cities with their own transportation requirements. And the most challenging tall buildings need innovative concepts to move passengers efficiently and comfortably. That’s what Schindler does by creating islands of calm for people who lead hectic daily lives.
Double-deck elevators for superlative projects.

Schindler 7000 double-deck elevators have everything it takes to cope with the increasing complexity of building planning. Advanced control technology is the key. Such sophisticated systems deliver major increases in efficiency, both in energy saving and handling capacity. More space is freed up, giving architects greater creative opportunities and making buildings more profitable.
Maximal performance. Minimal time to destination.

The combination of double-deck elevators and the Schindler Transit Management System provides total solutions. The results are spectacular possibilities for advanced passenger transportation in mixed-use tall buildings: first-class travel in first-class buildings. Upon entering at ground level, passengers are guided by signs to landings either for lower or upper boarding, depending on whether they are traveling to an odd or even numbered floor. There, they input their destination floor at a terminal and are immediately guided to the assigned elevator.
Maximal performance. Minimal time to destination.
Schindler 7000 double-deck solutions, in combination with the revolutionary Schindler Transit Management System, handle passenger traffic perfectly. Double-deck elevators serve two floors at the same time. So twice as many passengers can be carried on each trip. Passenger capacity is increased enormously. Double-deck elevators need fewer hoistways than single-deck cars. Significantly more rentable space is available.

When only one deck is answering a call, the other one does not open its doors. An audio-visual message states “Other deck being served”.

To ensure that passengers migrate smoothly into the building, the double-deck system provides both a direct shuttle service from the main lobby to the sky lobby and an all-floor service. Due to improved capacity, Schindler 7000 double-deck solutions manage massive flows of people, including peak traffic arriving from public underground transportation.
Double-deck traffic. How it works.

**Entering the building**
When people enter the building, signs guide them to the correct landing, either for the lower or upper deck, depending on if they want to travel to an odd or even floor.

On the boarding landing, passengers use a terminal to indicate their destination floor where they want to go. The display immediately shows the assigned car. The passengers board the car and travel to their destination.

**Incoming traffic from the main lobby**
The grey passengers board the grey (lower) deck at the lower landing and can select only a grey destination floor. The blue passengers enter the blue (upper) deck on the upper landing; their choice is limited to a blue floor.

For a shuttle service, only the two lobby and two top floors are served.

**Interfloor traffic above the main lobby**
For interfloor service (up or down), passengers can travel from any floor to any other floor. They have no indication that they are using the blue (upper) deck or the grey (lower) one.

When leaving the building, people are not aware that they are boarding the upper or lower deck. Those who take the upper deck exit at the upper main lobby while travelers on the lower deck leave the car at the lower main lobby.
Outstanding impressions.
Imaginative designs.

The Schindler 7000 double-deck elevator has evolved from proven Schindler 7000 single-deck technology. The ride is extra-smooth and very efficient.

The double-deck elevator is extra-ordinary because one car is mounted above the other in the same car frame, enabling two adjacent floors to be served simultaneously. Furthermore, Schindler destination control makes it possible to reserve one deck for goods transportation.

In addition, there is absolute freedom in car design. From the standard configuration to double-deck glass cars, everything is possible!

Key figures

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<tr>
<th>Feature</th>
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<tbody>
<tr>
<td>Building type</td>
<td>Commercial</td>
</tr>
<tr>
<td>Control type</td>
<td>Destination Control</td>
</tr>
<tr>
<td>Elevator type</td>
<td>Passenger, Double-deck</td>
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<tr>
<td>Travel height in m</td>
<td>up to 450</td>
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<tr>
<td>Speed in m/s</td>
<td>up to 10</td>
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<tr>
<td>Rated load in kg</td>
<td>up to 2 x 2250</td>
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</table>
International Commerce Center (ICC)
Hong Kong – China
Mixed-use building, height: 494 m

83 Schindler elevators
including 40 double-deck elevators
Schindler Transit Management System
Prestigious and impressive buildings.
For the future.

The urban environment is changing dramatically. Often there is nowhere to go but towards the sky. This architectural challenge has ignited a revolution in building and transportation technologies. The key is innovation: in mega towers like the ICC in Hong Kong, up to 30,000 people require transportation every day.

Already, Schindler double-deck systems are running worldwide. Teams of elevator specialists advise and work with customers to develop ideal solutions for smooth vertical and horizontal transit management in tall buildings.

Customer commitment, allied with Schindler’s top quality, ensures leading-edge solutions.

Heron Tower
London – United Kingdom
Office building, height: 242 m

- 15 Schindler 7000 elevators
  - including 6 scenic double-deck elevators
  - and 4 non-scenic double-deck elevators
  - Schindler Transit Management System

Forum 66
Shenyang – China
Office building, height: 350 m

- 27 Schindler 7000 elevators
  - including 24 double-deck elevators
  - Schindler Transit Management System

Costanera Center
Santiago de Chile – Chile
Office, hotel & shopping mall, height: 300 m (Torre 2)

- 77 Schindler 7000 elevators
  - including 19 double-deck elevators
  - Schindler Transit Management System

Qingdao Center
Qingdao – China
Office, hotel & residential buildings, height: 238 m

- 42 Schindler 7000 elevators
  - including 3 double-deck elevators
  - Schindler Transit Management System
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