Schindler 9300 Escalator
Your first choice for safe and reliable passenger transport
We set a new standard for mobility

Schindler 9300

Safe and Reliable
Schindler cares about every single passenger. With the highest safety standards in the industry, we ensure each passenger enjoys a safe and reliable ride.

Energy-efficient
Integrated with our latest energy-saving technology, our escalator has a best in class energy rating of A+++.

Compact Design
A new compact design for more business space in your building.

Enhanced Adaptability
Distinctive customized design options enable easy adaptation to smaller commercial areas and high-end shopping centers.
Safe and Reliable

Safety and reliability are our top priority. Schindler 9300 offers state-of-the-art safety solutions to protect and support your passengers.
Advanced safety solutions

Schindler escalators are designed to meet the most stringent safety requirements over their entire product life cycles – from production through installation to maintenance. The Schindler 9300 escalator provides enhanced safety features to protect your passengers.

**Code compliance**
The TÜV-certified Schindler 9300 escalator meets all international standards including EN 115, GB 16899, HK-COP, ANSI, and others.

**Passenger guidance**
Schindler 9300 is designed to guide young and elderly passengers safely on their way to the next floor. Full visual guidance is provided by moving LED direction indicators, fire-resistant step demarcations, yellow signal combs, and LED step gap lighting.

**Intelligent braking system**
With the brake torque adapted to the direction of travel, Schindler’s unique braking system minimizes the risk of passengers falling during emergency stops.

**Built-in system safety**
The MICONIC F escalator controller double-checks each safety device in real time. Speed and direction are monitored on the motor shaft, step band, and handrail. By monitoring three separate components, a failure-free anti-reversal check is ensured.
Strong and durable components

Schindler 9300 components are selected to ensure high reliability and long service life. It is the key components which make the difference.

Improved compact and reinforced truss
The new truss design with open profiles provides long-lasting corrosion resistance of up to 40 years. The vibration-isolated end supports eliminate sound transmission to the building.

Break-resistant aluminum compact steps
Steps are the most important safety component. The Schindler monoblock step provides significantly higher break resistance at substantially lower step weight compared to multipart compound steel steps.

Ergonomic handrail with increased breaking load
Even small hands can comfortably hold the new ergonomic handrail. The new design combines high flexibility with strength and ensures a long service life.

Durable drive and step chains
Schindler drive and step chains comply with national and international standards. The lubrication system is controlled by MICONIC F, which ensures a long service life and high operational efficiency.

![Comparison of Schindler and Compound Steel Steps](image)

- **High break resistance of Schindler aluminum step:** 18 kN
- **Low weight of Schindler step:** 10 kg

<table>
<thead>
<tr>
<th>Schindler</th>
<th>Compound Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Step</td>
<td>18 kN</td>
</tr>
<tr>
<td>Compound Steel Step</td>
<td></td>
</tr>
</tbody>
</table>

![Static center breaking load test](image)

- **Static center breaking load test:** 18 kN
- **Schindler yellow step demarcation (optional):**
  - Hydrolysis-resistant
  - Single piece aluminum, superior
  - Resistant against synthetic oil
  - Fire-resistant, Class V0
  - Mounted without screws

- **Step roller:**
  - Hydrolysis-resistant
  - Outstanding traveling comfort

- **Schindler compact step:**
  - Single piece aluminum, superior safety without screw connections
  - Anti-corrosion
Would you like more information on safety? Please consult the Schindler escalator safety brochure: State of the Art.

Safety indicators
- Step gap lighting
- Combplate lighting
- Direction indicators
- Emergency stop button *

Safety components
- Guards against climbing the balustrade
- Safety brake on drive shaft
- Service brake *
- Duplex chain *
- Drive chain monitor
- Step chain tension contacts *
- Guard plates *
- Counter track *

Safety indicators
- Handrail entry brushes *
- Skirt brushes *
- Step brushes *
- Upturth device *
- Upturth contact
- Step level contact *
- Combplate contacts *
- Skirt contacts
- Handrail entry contacts *

Anti-entrainment
- Handrail monitor *
- Electric anti-reversing device *
- Phase monitoring relay *

Additional safety features
- Motor protection *
- Brake lining monitor
- Fire contact
- Smoke detector
- Water level contact
- Floor cover contact *

Note:
The list not only includes all safety features required by national safety standards as basic configuration, but specifies even more optional extras.

* Schindler standard items.
Energy-efficient

Reduced energy usage with increased efficiency. Our efficient drive system in combination with three ECO operating modes, E³, offers a high performance mobility solution. For Schindler 9300, this ensures an extended lifespan, a reduced CO2 footprint, and an ISO energy rating of A+++ ¹).

¹) In accordance with the ISO 25745-1/3 standard; for more details, see the footnote on ISO 25745-1/3 on the next page.
Each individual drive component (gearbox, motor, brake, flywheel, and drive chains) is designed to save energy. Schindler 9300 is designed to meet your LEED or BREEAM building certification requirements.

Innovative drive system design
Our efficient drive system of Schindler 9300 enables high vertical rises and ensures a long service life, and is quiet in operation.

Choose our optional premium power package for optimized energy efficiency with IE3 motor and high-efficiency gear
For Schindler 9300, with the IE3 motor and the high-efficiency gear, the energy efficiency class (measured by the ISO 25745-1/3 standard) is A+++.

Low energy consumption

<table>
<thead>
<tr>
<th>Class</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+++</td>
<td>≤ 55%</td>
</tr>
<tr>
<td>A++</td>
<td>≤ 60%</td>
</tr>
<tr>
<td>A+</td>
<td>≤ 65%</td>
</tr>
<tr>
<td>A</td>
<td>≤ 70%</td>
</tr>
<tr>
<td>B</td>
<td>≤ 80%</td>
</tr>
<tr>
<td>C</td>
<td>≤ 90%</td>
</tr>
<tr>
<td>D</td>
<td>≤ 100%</td>
</tr>
<tr>
<td>E</td>
<td>&gt; 100%</td>
</tr>
</tbody>
</table>

High energy consumption

1) The efficiency factor of the IE3 motor corresponds to IEC 60034-30.
2) The ISO 25745-1/3 standard regarding energy calculation and classification of escalators and moving walks is established by the International Organization for Standardization (ISO). The ISO 25745-1/3 classes range from “A+++” to “E,” with class “A+++” being the most energy-efficient class. The given result is based on measurements and valid for a Schindler 9300 escalator with a step width of 1 m, a rise of 3.97 m, an angle of inclination of 30°, a speed of 0.5 m/s, and with optional energy-saving features. The ISO 25745-1/3 classification and energy consumption of individual installations may deviate from this result, e.g., due to different or additional customer options and/or different configurations.
E³ – Schindler’s unique energy-saving approach

The Schindler 9300 escalator features three design solutions that increase energy efficiency: more efficient drive systems, components requiring less power, and intelligent power management software. We call it the Schindler E³ energy-saving approach.

**E1 – Efficient Drive System**
With state-of-the-art drive technology, the Schindler premium package increases the total drive efficiency by up to 23% compared to conventional drives.

**E2 – ECOLINE Power Management Packages**
Schindler’s ECOLINE power management reduces power consumption by up to 40% compared to conventional continuous operation systems.

**E3 – Ecological Design**
- Schindler aluminum steps
  At 10.5 kg, Schindler steps are the lightest in the industry. Weight reduction of 40% compared to steel steps and 5% better efficiency.
- Schindler LED lighting
  Using LED lights reduces energy consumption by up to 80% and extends lifetime by 100%.
Choose your ECOLINE package*

<table>
<thead>
<tr>
<th>ECOLINE</th>
<th>ECO</th>
<th>ECO Plus</th>
<th>ECO Premium</th>
<th>ECO Premium Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy consumption</strong></td>
<td>−3,001 kWh</td>
<td>−4,273 kWh</td>
<td>−3,888 kWh</td>
<td>−4,196 kWh</td>
</tr>
<tr>
<td><strong>−25%</strong></td>
<td><strong>−36%</strong></td>
<td><strong>−32%</strong></td>
<td><strong>−35%</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating mode</th>
<th>Continuous operation with ECO power feature: Motor power adjusts based on passenger load</th>
<th>Stop-and-go operation with ECO power feature: Escalator stops when no passengers are on it</th>
<th>Slow-speed operation with ECO power feature: Escalator slows down when no passengers are on it</th>
<th>Stop-and-go and slow-speed operation with ECO power feature: Escalator stops after an adjustable time running in slow speed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>For continuous medium to heavy passenger traffic</td>
<td>Intermittent flow including periods of zero passenger flow</td>
<td>Intermittent flow including periods of zero passenger flow</td>
<td>Intermittent flow including periods of zero passenger flow</td>
</tr>
</tbody>
</table>
| **Benefits**                             | - Maintains passenger flow  
- Reduced power consumption reduced by up to 25%  
- Reduced power plant CO₂ emissions  
- Short amortization period | - Power consumption reduced by up to 36%  
- Reduced power plant CO₂ emissions  
- Increased escalator lifespan | - Passenger flow maintained, as escalator is in motion when passengers approach it  
- Power consumption reduced by up to 32%  
- Reduced power plant CO₂ emissions  
- Reduced wear & tear on components | - Passenger flow maintained, as escalator is in motion when passengers approach it  
- Power consumption reduced by up to 35%  
- Reduced power plant CO₂ emissions  
- Reduced wear & tear on components  
- Increased escalator lifespan |
| **CO₂ footprint**                        | Minus 4,500 kg per year | Minus 6,410 kg per year | Minus 5,830 kg per year | Minus 6,290 kg per year |
| **Amortization**                         | Less than 0.5 year | Less than 1.5 years | Less than 2 years | Less than 2 years |

* Values based on theoretical calculations for one Schindler 9300 AE-10 escalator. Average value for up and down operated escalator pair: 4.5 m. Step width: 1,000 mm. Speed: 0.5 m/s. Load profile: 11 hours per day, 365 days per year. 2.5 hrs – 0%. 7 hrs – 25%. 1 hr – 50%. 0.5 hrs – 75%. 0 hrs – 100%.

Would you like more information on efficiency? Please consult the Schindler escalator efficiency brochure: Performance is not a question of consumption.

\* Standard operating mode: 11,967 kWh, 100% continuous running.
\* Amortization depending on national energy cost.
Compact Design

A new compact design for more building space. More space at entry and exit areas, and reduced overall width. Providing more rental space in your building.
Enlarge rental space

**More space at entry and exit**
The balustrade has been shortened by 336 mm so that more space can be offered in front of the escalator at each landing.

**Designed for optimizing space**
**Reduction of overall escalator width**
While retaining the same nominal step width, the overall width of the escalator has been reduced by 75 mm, resulting in more rental space in your building.
Enhanced Adaptability

Contemporary aesthetics complement the architectural needs of your building. A timeless design combined with a range of unique decorative options will distinctively enhance your building environment.
Premium package

- Direction indicator
- RGB LED balustrade & skirt lighting with 16.7 million individual colors
- Triangular combplate lighting
- Stainless-steel newel end cap
Elegant adaptable design options

Schindler 9300 escalator offers not only quality equipment, but also distinctive and highly customizable design options which easily adapt to any commercial area. Whether large or small, the classic designs of this escalator will enhance any space.

<table>
<thead>
<tr>
<th><strong>Floor cover</strong></th>
<th><strong>Newel end cap</strong></th>
<th><strong>Step</strong></th>
<th><strong>Comb</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless steel, dotted-line pattern</td>
<td>Stainless steel</td>
<td>Aluminum, natural finish</td>
<td>Aluminum, natural finish</td>
</tr>
<tr>
<td>Aluminum, line pattern with white grooves</td>
<td>Polyamide</td>
<td>Silver</td>
<td>Aluminum, natural finish, yellow inserts</td>
</tr>
<tr>
<td>Aluminum, line pattern with black grooves</td>
<td>Colored cap and decking</td>
<td>Black with yellow synthetic demarcations</td>
<td>Aluminum, powder-coated, yellow</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Polycarbonate, full color</td>
</tr>
</tbody>
</table>
Would like to design an escalator yourself and review its appearance? Please scan the QR code on this page with an iPad and install the Schindler Escalator app. Then you can easily design your own escalator and view its 3D effect with the 3D Configurator in the Configurator model.

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**LED lighting**

- Skirt lighting, light strips
- Skirt lighting, spots
- Comb lighting
- Skirt lighting, green
- Step gap lighting
- Integrated direction indicator
- Balustrade lighting, blue
- Balustrade lighting, purple
- Outer decking direction indicator

**Handrail**

- Black
- Green
- Red
- Orange
- Stainless steel

**Skirt panel**

- Sheet steel, black anti-friction
- Stainless steel

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**Note:** Specifications, options, and colors are subject to change. All options illustrated in this brochure are representations only. The samples shown may vary from the original in color and material.
High-quality products and global services

Unified global production system boasts European design concepts
Across the globe, Schindler operates nine production units for escalators and key escalator components like steps, trusses, and controllers. The Shanghai Works factory is by far the biggest escalator plant in the industry. All our factories comply with global assembly and quality standards.

Integrated TQM system ensures excellence in quality

Customer-focused maintenance service
Schindler not only upholds strict maintenance processes and standards, but also guarantees global spare parts supply. By maintaining your escalator using Schindler manufactured spare parts, you can be confident it will stay in excellent condition and safe for your passengers.

1) In case of claims for damaged or missing components, the factory’s special claims handling team will help you analyze them.
Easy planning

Schindler provides up-to-date planning tools for architects, planners, and consultants. 2D drawings and 3D models are provided by the DigiPara Elevatorarchitect plug-in for Autodesk Revit available at the Autodesk App Store.
Schindler 9300
30° inclination, rise up to 6 m

Balustrade:
design E

Balustrade height:
900 / 1,000 / 1,100 mm

Step width:
600 / 800 / 1,000 mm

Step run:
2 horizontal steps

Transition radius:
top/bottom: 1.0 m / 1.0 m

Step width:
600 / 800 / 1,000 mm

Note:
All dimensions in mm.
Observe national regulations!
Subject to change.

Detail Z
Gaps at joints to be
filled with joint filler
(by customer)

Entire support surface
smooth and level

Inlet for lighting and power
circuits centered at upper
end, through front face

* Escalators equipped with double drive and/or step
width of 600mm require the truss to be extended by
at least 417mm for the top landing. Please consult a
Schindler representative for more details.

Schindler Escalators
Schindler 9300
35° inclination, rise up to 6 m

Balustrade:
design E

Balustrade height:
900 / 1,000 / 1,100 mm

Step width:
600 / 800 / 1,000 mm

Step run:
2 horizontal steps

Transition radius:
top/bottom: 1.0 m / 1.0 m

Transportation dimensions

Note:
All dimensions in mm.
Observe national regulations!
Subject to change.
Schindler 9300
30° inclination, rise up to 8.5 m

Balustrade:
design E

Balustrade height:
900 / 1,000 / 1,100 mm

Step width:
600 / 800 / 1,000 mm

Step run:
3 horizontal steps

Transition radius:
top/bottom: 1.0 m / 1.0 m

Note: All dimensions in mm.
Observe national regulations!
Subject to change.

* Escalators equipped with double drive and/or step width of 600mm require the truss to be extended by at least 417mm for the top landing. Please consult a Schindler representative for more details.

For H > 6 m, an intermediate support may be required. Please consult Schindler.
Delivery in 2 parts.
Schindler 9300
30° inclination, rise up to 13 m

Balustrade:
design E

Balustrade height:
900 / 1,000 / 1,100 mm

Step width:
800 / 1,000 mm

Step run:
3 horizontal steps

Transition radius:
top/bottom: 1.5 m / 1.0 m

Transportation dimensions

Note:
All dimensions in mm, observe national regulations.
Subject to change.

* Escalators equipped with double drive and/or step width of 600mm require the truss to be extended by at least 417mm for the top landing. Please consult a Schindler representative for more details.

For H > 8.5 m, a second intermediate support may be required. Please consult Schindler.
For H > 8.5 m, a top extension of 417 mm is needed.
Delivery in 2 parts.
Schindler Your First Choice.

The Jardine Schindler Group office.

<table>
<thead>
<tr>
<th>Country</th>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td>Brunei</td>
<td>Malaysia</td>
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<tr>
<td>Cambodia</td>
<td>Myanmar</td>
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<td>Hong Kong</td>
<td>Philippines</td>
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<td>Macau</td>
<td>Singapore</td>
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<td></td>
<td>Thaiwan</td>
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<tr>
<td></td>
<td>Thailand</td>
</tr>
</tbody>
</table>

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