Schindler 9300AE
The world's leading escalator for safe and reliable passenger transport.
With your needs in mind
Schindler 9300AE

Your safety, our responsibility
The Schindler 9300AE escalator is designed to meet the highest standards in the industry. We ensure that each passenger enjoys a safe ride.

Energy-efficient, eco-friendly
Integrated with our latest energy-saving technology: Premium drive efficiency, smart power management at times of low passenger density and selected low-power components, the Schindler 9300AE is one of the most efficient escalators in retail applications.

Superb performance, global service
The Schindler 9300AE escalator is a product with superb quality and performance, thanks to its high-grade, low-wear-and-tear components. Wherever you are, Schindler global services protect your long-term investment.

Elegant adaptable design options
The Schindler 9300AE escalator offers you not only timeless basic equipment but also highly distinctive customized design options, which make it easily adaptable to smaller commercial areas and high-end shopping centers.
Your safety, our responsibility

At Schindler, safety comes first. This has been our company’s motto over 100 years – and it always will be! Schindler cares about every single passenger: With the highest standards in the industry we ensure each passenger enjoys a safe ride.

From system-related safety solutions ...

- Anti-reversal check: Speed and direction are monitored on the motor shaft, step band and handrail.
- Electric anti-reversing device and phase monitoring: These unique features prevent inadvertent direction changes.

Did you know that Schindler is the only company in the industry that produces escalator steps in-house? All steps have to pass the regulatory static breaking load test and eccentric breaking load above the roller pin before they leave the factory, which exceeds EN 115-1 requirements.

... to the powerful components ...

- Schindler Escalators Schindler 9300AE
- Schindler: 13 kN
- Market: 8 kN
- Schindler yellow step demarcation (optional):
  • Resistant against synthetic oil
  • Fire-resistant, Class V0
  • Mounted without screws
- Schindler compact step:
  • Single piece aluminum, superior safety without screw connections
  • Anti-corrosion

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.

Would you like more information on safety? Please consult the Schindler escalator safety brochure: State of the Art.
Energy-efficient, eco-friendly

The Schindler 9300AE 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.

E³ – Schindler’s unique energy-saving approach

<table>
<thead>
<tr>
<th>E1</th>
<th>E2</th>
<th>E3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficient Drive System</td>
<td>ECOLINE Power Management Packages</td>
<td>Ecological Design</td>
</tr>
<tr>
<td>With state-of-the-art drive technology, the Schindler premium package increases the total drive efficiency by up to 23% compared to conventional drives.</td>
<td>Schindler’s ECOLINE power management reduces power consumption by up to 36% compared to conventional continuous operation systems.</td>
<td>Schindler aluminum steps are the lightest in the industry. Weight reduction of 40% compared to steel steps and 5% better efficiency.</td>
</tr>
</tbody>
</table>

**E1 – Efficient Drive System**

**DRIVE EFFICIENCY**

- Motor power adjusts based on passenger load.

**E2 – ECOLINE Power Management Packages**

**POWER CONSUMPTION**

- ECOLINE power management reduces power consumption by up to 36% compared to conventional operation systems.

**E3 – Ecological Design**

**WEIGHT REDUCTION**

- Using LED lights reduces energy consumption by up to 80% and extends lifetime by 100%.

**Benefits**

- Power consumption reduced by up to 36%.
- Reduced power plant CO₂ emissions.
- Increased escalator lifespan.
- Reduced wear & tear on components.
- 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 5,810 kg per year
- Minus 6,290 kg per year

**Amortization**

- Less than 0.5 years
- Less than 1.5 years
- Less than 2 years
- Less than 2 years

**Energy consumption**

<table>
<thead>
<tr>
<th>ECO</th>
<th>ECO Plus</th>
<th>ECO Premium</th>
<th>ECO Premium Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3,001 kWh</td>
<td>-3,737 kWh</td>
<td>-3,886 kWh</td>
<td>-4,196 kWh</td>
</tr>
<tr>
<td>-25%</td>
<td>-30%</td>
<td>-32%</td>
<td>-35%</td>
</tr>
</tbody>
</table>

**Operating mode**

- Continuous operation with ECO power feature:
  - Motor power adjusts based on passenger load.
- Stop-and-go operation with ECO power feature:
  - Escalator stops when no passengers are on it.
- Slow-speed operation with ECO power feature:
  - Escalator slows down when no passengers are on it.
- Stop-and-go and slow-speed operation with ECO power feature:
  - Escalator stops after an adjustable time running in slow-speed.

**Application**

- For continuous medium to heavy passenger traffic.
- Intermittent flow including periods of zero passenger flow.
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**Benefits**

- Maintains passenger flow.
- Power consumption reduced by up to 25%.
- Reduced power plant CO₂ emissions.
- Short amortization period.
- Passenger flow maintained, as escalator is in motion when passengers approach it.
- 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.
- Increased escalator lifespan.
- Passenger flow maintained, as escalator is in motion when passengers approach it.
- Power consumption reduced by up to 35%.
- Reduced power plant CO₂ emissions.
- Increased escalator lifespan.
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**Standard operating mode:** 11,967 kWh, 100% continuous running.

**Would you like more information on efficiency? Please consult the Schindler escalator efficiency brochure: Performance is not a question of consumption.**
Superb performance, global service

The Schindler 9300AE escalator is a product with superb quality and performance, thanks to its high-grade, low-wear-and-tear components. Wherever you are, Schindler global services protect your long-term investment.

Superb performance comes from stringent design

Smooth operation
Schindler uses hydrolysis-resistant polyurethane step rollers. These are the most reliable rollers on the market. They ensure smooth running even in tropical and subtropical regions.

Long service life
Schindler is committed to designing for a service life of over 20 years. For example, the microprocessor-controlled lubrication system, which feeds the precise amount of lubricant to every lubrication point. Such attention to detail ensures a long service life for all mechanical parts.

Quiet running – quiet drive units
The Schindler 9300AE is quieter in operation than other leading commercial escalator brands.

Long-term returns start with high-quality products and 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.

Customer-focused maintenance service
Schindler not only has a standard and strict maintenance process, but also global spare parts supply. Maintaining your escalator using Schindler-manufactured spare parts, you can be confident it will stay in excellent working order.

Integrated TQM system ensures excellence in quality

Integrated TQM system ensures excellence in quality

Quality control in Schindler escalator factories

INCOMING

• Check components from suppliers
  • Standard check
  • Random check

SUPPLIER QUALITY MANAGEMENT

• Choose qualified suppliers
  • Trial manufacture
  • Industrialization
  • Support suppliers’ ongoing development

ASONABLE

• Receive purchased parts
  • Standard check
  • Random check

TOTAL QUALITY MANAGEMENT

• Set targets
• Set targets

ASSEMBLY

• Assemble purchased parts
  • Standard check
  • Random check

CUSTOMER SATISFACTION

• Installation quality control
  • Site acceptance test
  • Claim handling*
  • Maintenance service

FINAL AND OUTGOING

• Packing check
  • Random check

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

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<table>
<thead>
<tr>
<th>Step</th>
<th>Inner/outer decking</th>
<th>Comb</th>
<th>Floor cover</th>
<th>Balustrade type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum, natural finish</td>
<td>Aluminum, powder-coated, RAL 9006</td>
<td>Aluminum, natural finish</td>
<td>Stainless steel, square pattern</td>
<td>E type - Side line design</td>
</tr>
<tr>
<td>Silver</td>
<td>Aluminum, powder-coated, RAL 1013</td>
<td>Aluminum, powder-coated, yellow</td>
<td>Aluminum, lined pattern</td>
<td></td>
</tr>
<tr>
<td>Black with yellow synthetic demarcations</td>
<td>Aluminum, powder-coated, RAL 7030</td>
<td>Stainless sheet steel</td>
<td>Full color polycarbonate comb</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Joints type</th>
<th>LED lighting</th>
<th>Handrail</th>
<th>Skirt panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>8-balustrade lighting</td>
<td>Black</td>
<td>Stainless steel, black with HS trim</td>
</tr>
<tr>
<td>Optimal</td>
<td>Single plate lighting</td>
<td>Green</td>
<td>Stainless steel, black anti-friction</td>
</tr>
<tr>
<td>Vertical</td>
<td>Step lighting with spots</td>
<td>Red</td>
<td>Vertical Skirt lighting with light strip</td>
</tr>
<tr>
<td></td>
<td>Wire pole lighting</td>
<td>Orange</td>
<td>Truss lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blue</td>
</tr>
</tbody>
</table>

Nothing is unchangeable in our design lines. Our favorite designs just give you an idea of what is possible and can be easily combined. If you like to be more creative, you can even completely design your own escalator.

Note: Specifications, options, and colors are subject to change. All options illustrated in this brochure are representative only. The samples shown may vary from the original in color and material.
PROJECT: Mix city
Location: Shenyang, China
Units: 79
Rise: from 3 m to 12.5 m

Schindler Escalators
Schindler 9300AE
Schindler 9300AE Planning data

Nominal step width [mm] 600 800 1,000
Angle of inclination [degrees] 30 30 30
Max. rise H [m] 0.5 0.5 0.5
Speed [m/s] 0.5 0.6 0.6
Installation Indoor Outdoor-covered Outdoor

Interactive configuration with SchindlerDraw
For project-specific configurations we recommend SchindlerDraw, the interactive online configuration tool available at www.schindler.com.

Schindler 9300 Advanced Edition
Type 10 • 30°-K

Rise: max. 6 m at a step width of 1,000 mm
Balustrade: design E
Inclination: 30°

NOTES

Continuous arrangement (one-way traffic)
Interrupted arrangement (one-way traffic)
Parallel interrupted arrangement (two-way traffic)
Crisscross continuous arrangement (two-way traffic)
### Schindler 9300 Advanced Edition

#### Type 10 • 30°-M

**Rise:** max. 6 m at a step width of 1,000 mm  
**Balustrade height:** 900 / 1,000 mm  
**Inclination:** 30°

**Balustrade:**
- max. 8 m at a step width of 1,000 mm  
- design E

**Step width:** 600 / 800 / 1,000 mm  
**Step run:** 3 horizontal steps

**Transportation dimensions**

<table>
<thead>
<tr>
<th>Width of pit</th>
<th>1,200</th>
<th>1,400</th>
<th>1,600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of pit</td>
<td>3,000</td>
<td>3,500</td>
<td>4,000</td>
</tr>
<tr>
<td>Minimum rise</td>
<td>3,000</td>
<td>3,500</td>
<td>4,000</td>
</tr>
</tbody>
</table>

**Detail Z**

- Inlet for lighting and power support  
- Entire (by customer) filled with joint filler  
- Gaps at joints to be centered above suspension point

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### Schindler 9300 Advanced Edition

#### Type 10 • 35°-K

**Rise:** max. 6 m at a step width of 1,000 mm  
**Balustrade height:** 900 / 1,000 mm  
**Inclination:** 35°

**Balustrade:**
- max. 6 m at a step width of 1,000 mm  
- design E

**Step width:** 600 / 800 / 1,000 mm  
**Step run:** 2 horizontal steps

**Transportation dimensions**

<table>
<thead>
<tr>
<th>Width of pit</th>
<th>1,200</th>
<th>1,400</th>
<th>1,600</th>
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</tr>
<tr>
<td>Minimum rise</td>
<td>3,000</td>
<td>3,500</td>
<td>4,000</td>
</tr>
</tbody>
</table>

**Detail Z**

- Inlet for lighting and power support  
- Entire (by customer) filled with joint filler  
- Gaps at joints to be centered above suspension point

---

### Notes

- All dimensions in mm.
- Inclination:
  - Step run:
    - 2 horizontal steps

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**Schindler Escalators**

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**Schindler**

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<table>
<thead>
<tr>
<th>Location</th>
<th>Building Name</th>
<th>Number of Units</th>
<th>Rise Range</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shanghai, China</td>
<td>Shanghai International Finance Center</td>
<td>70 units</td>
<td>Rise from 3.4 m to 11 m</td>
<td>Shanghai, China</td>
</tr>
<tr>
<td>Singapore</td>
<td>ION Orchard</td>
<td>57 units</td>
<td>Rise from 3.8 m to 14.8 m</td>
<td>Singapore</td>
</tr>
<tr>
<td>Kuala Lumpur, Malaysia</td>
<td>KLCC Lot C</td>
<td>8 units</td>
<td>Rise from 3.63 m to 5.5 m</td>
<td>Kuala Lumpur, Malaysia</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>Times Square</td>
<td>59 units</td>
<td>Rise from 4.5 m to 10.2 m</td>
<td>Hong Kong</td>
</tr>
<tr>
<td>Córdoba, Spain</td>
<td>El Corte Inglés</td>
<td>20 units</td>
<td>Rise from 3.3 m to 4.5 m</td>
<td>Córdoba, Spain</td>
</tr>
<tr>
<td>Rome, Italy</td>
<td>Euroma 2</td>
<td>22 units</td>
<td>Rise from 2.8 m to 5 m</td>
<td>Rome, Italy</td>
</tr>
</tbody>
</table>

We move 1 billion people per day

To learn more of our project references, check out [www.schindler.com](http://www.schindler.com).
Ingenious planning
Selecting the right mobility solution means analyzing the building requirements and calculating 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 – all day, every 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
– Quickly 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 new benchmarks 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 through 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

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. Every day, 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.
When vision meets discipline.
Schindler partners with Solar Impulse.

Schindler is a main partner of Solar Impulse, the zero fuel airplane aiming to fly around the world propelled only by solar energy.

www.schindler.com