Schindler 9300. The Escalator.
Enjoy moving.
We set a new standard for mobility
Schindler 9300

Protect and support
Safety and reliability—these are our top commitments.

Respect and optimize
Reduced energy with increased efficiency—this is our design approach.

Enlarge and compose
New compact design for more building space.

Enhanced beauty
Enhance and complement aesthetics to suit your architectural needs.
Protect and support

Safety and reliability are our prime commitments. 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 new 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 1, fire-resistant step demarcations 2, yellow signal combs 3, and LED step gap lighting 4.

**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 1, step band 2, and handrail 3. By monitoring three separate components, a failure-free anti-reversal check is ensured.
Strong, durable components

Schindler 9300 components are selected to secure 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.

Would you like more information on safety?
Please consult the Schindler escalator safety brochure *State of the Art.*

![Comparison chart of Schindler and compound steel steps](image)

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

**Schindler yellow step demarcation (optional):**
- 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

**Static center breaking load test:** 18 kN
Respect and optimize

Reduced energy with increased efficiency. Our new drive system, in combination with three ECO operating modes, 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.
Total drive efficiency in every detail

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**
The new drive system family of Schindler 9300 enables higher vertical rises and ensures a longer service life, at the same power level.

**Choose our optional premium power package for optimized energy efficiency with IE3 motor and high-efficiency gear**
For Schindler 9300, with the IE3\(^1\) motor and the high-efficiency gear, the energy efficiency class (measured by the ISO 25745-1/3 standard) is A+++\(^2\).

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\(^1\) 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.
Smart power management with clever eco-options

**Schindler’s ECO system for smart power savings**
Load determination is optimized by constantly checking the load of passengers on the escalator. As a result, the motor operates according to the load, i.e., the number of passengers, in an efficient power window.

**Schindler ECOLINE**\(^1\) power management packages: clever eco-options for low-cost operation
In addition to the standard ECO saving system, optional energy-saving features are available: stop-&-go operation, stand-by speed operation, or a combination of both features allow substantial additional energy savings.

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\(^1\) ECO = Energy savings in Continuous Operation
Enlarge and compose

New compact design for more building space. More space at entry and exit areas, reduced overall width, and 3D automatic planning tools enable efficient escalator positioning and provide 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.

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.
Compose your building

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.
Enhanced beauty

Contemporary aesthetics complement your architectural needs. Timeless design combined with a range of unique decorative options can distinctively enhance your building environment.
Premium beauty package

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

Polyamide newel end cap

Aluminum floor cover with line pattern (white anodized grooves)

Stainless-steel floor cover with dotted-line pattern
### Elegant adaptable design options

Schindler 9300 escalator offers not only timeless basic equipment, but also distinctive and highly customizable design options which easily adapt to smaller commercial areas and high-end shopping centers.

<table>
<thead>
<tr>
<th>Floor cover</th>
<th>Newel end cap</th>
<th>Step</th>
<th>Comb</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>

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.
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
- Antimicrobial handrail
- Safety signage handrail

Skirt panel

- Sheet steel, black anti-friction
- Stainless steel

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.

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.
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.

Customer-focused maintenance service
Schindler not only has a standard and strict maintenance process in place, but also guarantees 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

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal step width [mm]</td>
<td>600 / 800 / 1,000</td>
</tr>
<tr>
<td>Angle of inclination [degrees]</td>
<td>30 / 35</td>
</tr>
<tr>
<td>Max. rise H [m]</td>
<td>13</td>
</tr>
<tr>
<td>Balustrade height [mm]</td>
<td>900 / 1,000 / 1,100</td>
</tr>
<tr>
<td>Horizontal steps</td>
<td>2 / 3</td>
</tr>
<tr>
<td>Speed [m/s]</td>
<td>0.5 / 0.6 / 0.65</td>
</tr>
</tbody>
</table>

### Diagram Symbols

- Controller (1)
- Band brake (2)
- Newel (3)
- Steps (4)
- Balustrade (5)
- Inner/outer decking (6)
- Skirting (7)
- Handrail (8)
- Combplate (9)
- Complate (9)
- Newel end cap (10)
- End support (11)
- Tension station (12)
- Floor covers (13)
- Step chain (14)
- Step chain (15)
- Tracks (16)
- Truss (17)
- Handrail drive (18)
- Duplex chain (19)
- Drive unit (20)
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 [mm] 600 800 1,000
A: Step width 600 800 1,000
B: Width between handrails 750 950 1,150
C: Handrail outer distance 894 1,094 1,294
D: Width of escalator 1,065 1,265 1,465
E: Width of pit 1,125 1,325 1,525
Hmax.: Maximum rise 6,000 6,000 6,000

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

Step width 
Rise
Weight
Support loads
Transp. dimensions
Balustrade height

<table>
<thead>
<tr>
<th>A</th>
<th>H [mm]</th>
<th>R1 [kN]</th>
<th>R2 [kN]</th>
<th>h [mm]</th>
<th>l [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3,000</td>
<td>49</td>
<td>41</td>
<td>35</td>
<td>2,870</td>
<td>10,070</td>
</tr>
<tr>
<td>3,500</td>
<td>52</td>
<td>44</td>
<td>38</td>
<td>2,910</td>
<td>10,920</td>
</tr>
<tr>
<td>4,000</td>
<td>55</td>
<td>46</td>
<td>40</td>
<td>2,930</td>
<td>11,780</td>
</tr>
<tr>
<td>4,500</td>
<td>58</td>
<td>49</td>
<td>43</td>
<td>2,950</td>
<td>12,640</td>
</tr>
<tr>
<td>5,000</td>
<td>60</td>
<td>51</td>
<td>45</td>
<td>2,970</td>
<td>13,500</td>
</tr>
<tr>
<td>5,500</td>
<td>63</td>
<td>53</td>
<td>48</td>
<td>2,980</td>
<td>14,360</td>
</tr>
<tr>
<td>6,000</td>
<td>66</td>
<td>56</td>
<td>50</td>
<td>3,000</td>
<td>15,270</td>
</tr>
</tbody>
</table>

| 800 | | | | | |
| 3,000 | 52 | 47 | 41 | 2,870 | 10,070 |
| 3,500 | 55 | 50 | 44 | 2,910 | 10,920 |
| 4,000 | 58 | 53 | 47 | 2,930 | 11,780 |
| 4,500 | 61 | 56 | 50 | 2,950 | 12,640 |
| 5,000 | 64 | 59 | 53 | 2,970 | 13,500 |
| 5,500 | 67 | 62 | 56 | 2,980 | 14,360 |
| 6,000 | 70 | 65 | 59 | 3,000 | 15,270 |

| 1,000 | | | | | |
| 3,000 | 55 | 53 | 47 | 2,870 | 10,070 |
| 3,500 | 58 | 57 | 51 | 2,910 | 10,920 |
| 4,000 | 62 | 60 | 54 | 2,930 | 11,780 |
| 4,500 | 65 | 63 | 58 | 2,950 | 12,640 |
| 5,000 | 68 | 67 | 61 | 2,970 | 13,500 |
| 5,500 | 71 | 70 | 64 | 2,980 | 14,360 |
| 6,000 | 74 | 74 | 68 | 3,000 | 15,270 |
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

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

Balustrade:
design E

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

Step width:
600 / 800 / 1,000 mm

Step run:
3 horizontal steps

Transportation dimensions

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

<table>
<thead>
<tr>
<th>Step width [mm]</th>
<th>600</th>
<th>800</th>
<th>1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Step width</td>
<td>175</td>
<td>±10</td>
<td>-</td>
</tr>
<tr>
<td>B: Width between handrails</td>
<td>30</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>C: Handrail outer distance</td>
<td>80</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>D: Width of escalator</td>
<td>1,085</td>
<td>1,285</td>
<td>1,485</td>
</tr>
<tr>
<td>E: Width of pit</td>
<td>1,125</td>
<td>1,325</td>
<td>1,525</td>
</tr>
<tr>
<td>Hmax.: Maximum rise</td>
<td>8,500</td>
<td>8,500</td>
<td>8,500</td>
</tr>
</tbody>
</table>

1) For H > 6 m, an intermediate support may be required. Please consult Schindler.
2) Delivery in 2 parts.
Schindler 9300
Type 15, 30° inclination, rise up to 13 m

Balustrade:
design E

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

Inclination:
30°

Step width:
800 / 1,000 mm

Step run:
3 horizontal steps

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

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

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You know where to find us.
We look forward to seeing you.

For additional information and the location of your nearest Schindler branch, please visit:

www.schindler.com