



Schindler 9300

Always moving in the right direction







Schindler 9300

A new standard for mobility



Protect and support

Safety and reliability — these are our top commitments.



Respect and optimize

Increased energy efficiency — this is our design approach.



Enlarge and compose

New compact design for more usable commercial 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 help 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 help protect your passengers.

Code compliance

Schindler 9300 escalators comply with all applicable local and international safety standards, including ASME A17.1/CSA B44.

Passenger guidance

Schindler 9300 is designed to guide 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**.

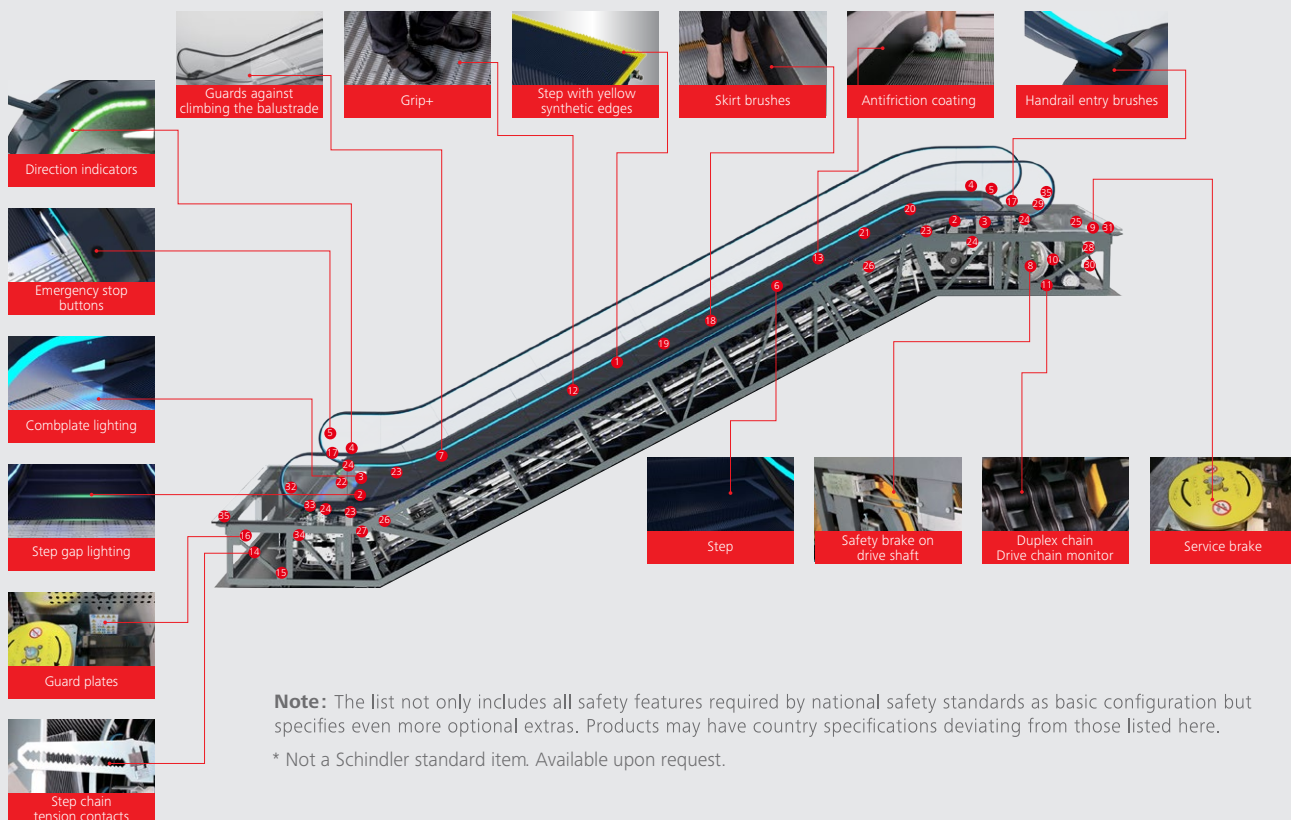
Intelligent braking system

With the brake torque adapted to the direction of travel, Schindler's unique braking system helps reduce 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, an anti-reversal check is ensured.

Over 35 safety features are available, both mechanical & electrical



Note: The list not only includes all safety features required by national safety standards as basic configuration but specifies even more optional extras. Products may have country specifications deviating from those listed here.

* Not a Schindler standard item. Available upon request.

- Safety indicators**
 - 1 Step with yellow/blue synthetic edges
 - 2 Step gap lighting
 - 3 Combplate lighting*
 - 4 Direction indicators*
 - 5 Emergency stop buttons
- Safety components**
 - 6 Step
 - 7 Guards against climbing the balustrade
 - 8 Safety brake on drive shaft
 - 9 Service brake
 - 10 Duplex chain
 - 11 Drive chain monitor
 - 12 Grip+*
 - 13 Antifriction coating
 - 14 Step chain tension contacts
 - 15 Countertrack
 - 16 Guard plates
- Anti-entrapment**
 - 17 Handrail entry brushes
 - 18 Skirt brushes
 - 19 Step upthrust device
 - 20 Upthrust contact
 - 21 Step level contact
 - 22 Combplate contacts
 - 23 Skirt contacts
 - 24 Handrail entry contacts
- Prevention of inadvertent reversing**
 - 25 Speed monitor
 - 26 Step monitor
 - 27 Handrail monitor
 - 28 Electric anti-reversing device
 - 29 Phase monitoring relay
- Additional safety features**
 - 30 Motor protection
 - 31 Brake lining monitor*
 - 32 Fire contact*
 - 33 Smoke detector*
 - 34 Water level contact*
 - 35 Floor cover contact

Strong, durable components

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

Improved compact and reinforced truss

The new truss design with open profiles provides long-lasting corrosion resistance. The vibration-isolated end supports helps eliminate sound transmission to the building.

Break-resistant aluminum compact steps

Steps are a very important safety component. The Schindler monoblock step provides significantly higher break resistance at substantially lower step weight compared to multipart compound steel steps.

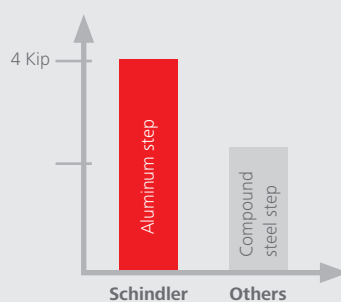
Ergonomic handrail with increased breaking load

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

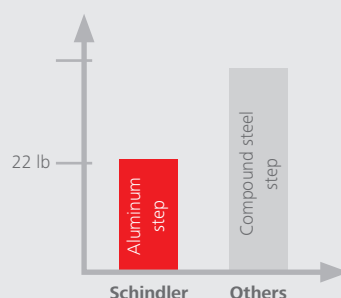
Durable drive and step chains

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.

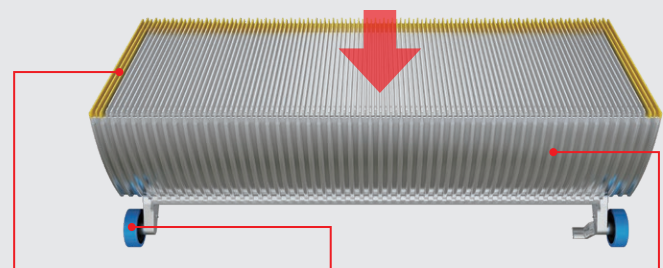
High break resistance of Schindler aluminum step



Low weight of Schindler step



Static center breaking load test: 4 Kip



Schindler yellow step demarcation:

- 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 your local Schindler
escalator specialist.



Respect and optimize

Reduced energy with increased efficiency. Our new drive system, in combination with ECO operating modes, offers a high-performance mobility solution. For Schindler 9300, this helps foster an extended lifespan and a reduced CO₂ footprint.



Total drive efficiency in every detail

Each individual drive component (gearbox, motor, brake, flywheel, and drive chain) is designed to save energy.

Choose our optional premium power package for optimized energy efficiency with IE3 motor and high-efficiency gear

The Schindler 9300, with its IE3¹ motor and high-efficiency gear, has an energy efficiency class (measured by the ISO 25745-1/3 standard) of A+++².

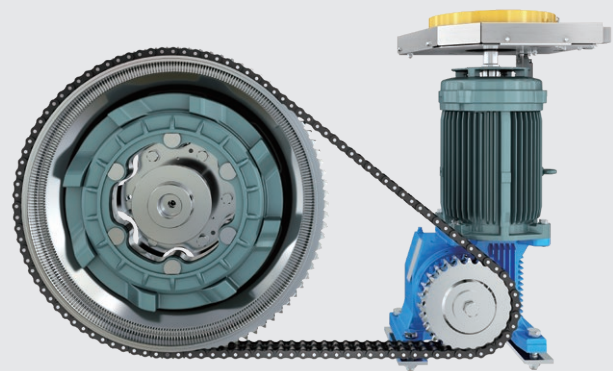
Low energy consumption



High energy consumption

Innovative drive system design

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



Notes:

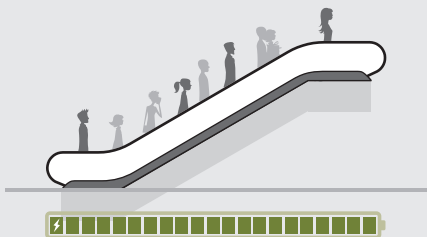
- 1) The efficiency factor of the IE3 motor corresponds to IEC 60034-30.
- 2) The ISO 25745-1/3 standard regarding energy calculation and classification of escalators and moving walks is established by the International Organization for Standardization (ISO). The ISO 25745-1/3 classes range from "A+++" 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 40 in, a rise of 13 ft, an angle of inclination of 30°, a speed of 100 ft/min, 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 innovative, energy-saving options

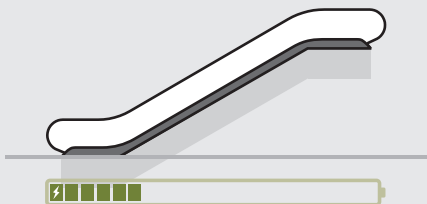
Schindler's ECO system for smart power savings

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.

Motor running in delta mode during times of high traffic



Motor running in star mode during times with no traffic



Schindler ECOLINE¹ power management packages: innovative eco-options for low-cost operation

In addition to the standard ECO savings system, stand-by speed operation is also available to gain extra energy savings by usage of variable frequency drives.

ECO Premium - GFU C:

- Energy savings up to 32% at an effective cost
- Regenerative capabilities for units running loaded in the down direction
- Less product complexity
- Minimal Top Truss Extensions needed

ECO Premium - Regenerative:

- IECC - 2015 Compliant
- Regenerative capabilities via Variable Frequency Drive
- Electric braking available



Enlarge and compose

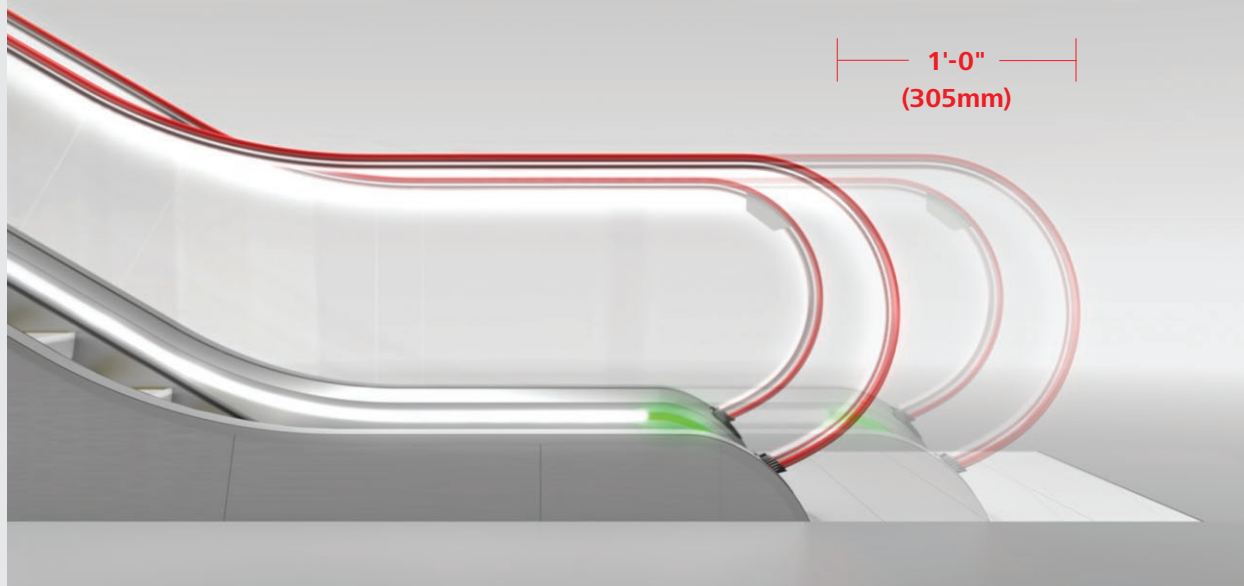
New compact design for more building space. More space at entry and exit areas, reduced overall width, and 3D automatic planning tools enable efficient escalator positioning and provide more space in your building.



Designed to optimize space

More space at entry and exit

The balustrade has been shortened by 1'-0" (305mm) so that more space can be offered in front of the escalator at each landing.



Reduction of overall escalator width

The overall width of the escalator has been reduced by 1" (25mm) while retaining the same nominal step width, resulting in more space in your building.



Bring your escalator plans to life

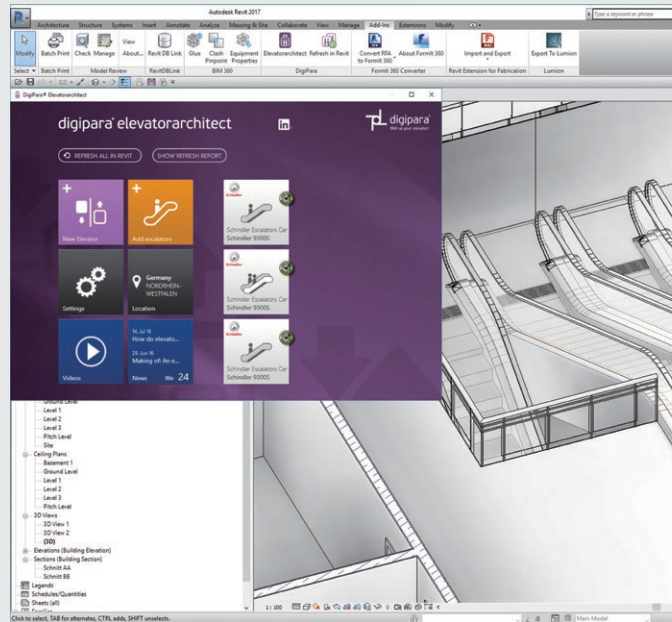
Easy to use planning tools enable efficient escalator design.

DigiPara Elevatorarchitect plug-in for Autodesk Revit

DigiPara Elevatorarchitect is a free plug-in to create 3D BIM models of elevators and escalators within Autodesk Revit. By downloading and installing it from Autodesk App store, you can import Schindler escalators and moving walks into your Revit building.

Schindler Plan & Design

Schindler Plan & Design is our online planning and design tool. You can download your specific escalator or elevator planning data in the form of CAD drawings (dwg, dxf), BIM models (ifc) or written specifications (docx). With just a few clicks, we are able to provide you with a product specification and a detailed layout drawing.





Enhanced beauty

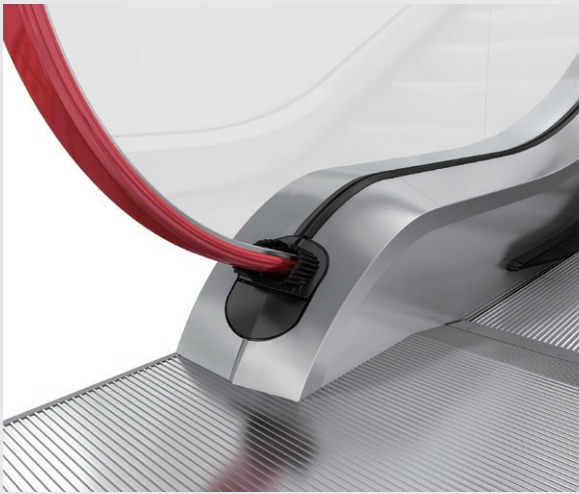
Contemporary aesthetics complement your architectural needs. Timeless design combined with a range of unique decorative options can distinctively enhance your building environment.



Premium Aesthetic

- 1 Direction indicator
- 2 RGB LED balustrade and skirt lighting with 16.7 million individual colors
- 3 Triangular combplate lighting
- 4 Stainless-steel newel end cap





Stainless steel newel end cap



Polyamide newel end cap



Aluminum floor cover with black line pattern



Stainless steel floor cover with black line pattern

Elegant adaptable design options

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

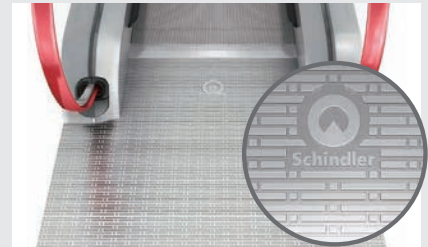
Floor cover



Aluminum, line pattern with grooves



Aluminum, line pattern with black grooves



Stainless steel, dotted-line pattern

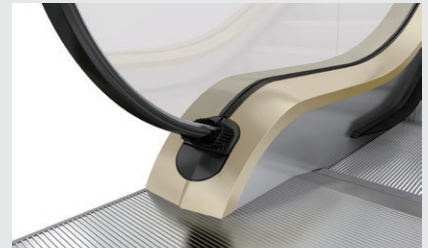
Newel end cap



Stainless steel



Polyamide

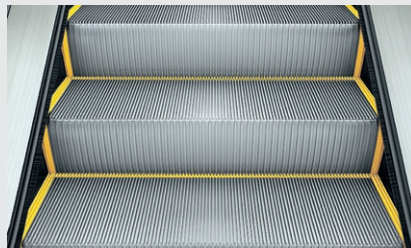


Colored cap and decking

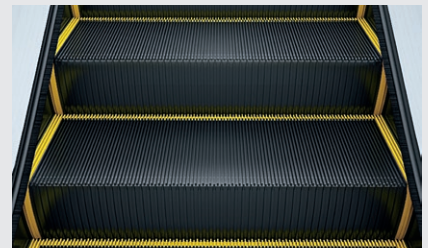
Step with yellow inserts



Aluminum, natural finish



Silver

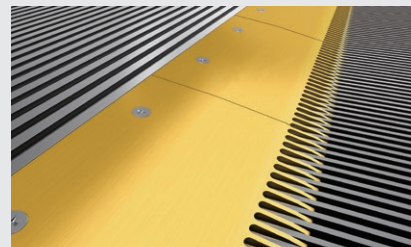


Black

Comb



Aluminum, natural finish



Aluminum, powder-coated, yellow

LED Lighting



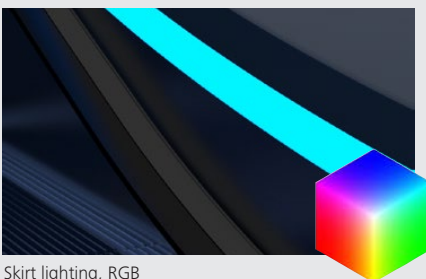
Continuous skirt lighting strips, white



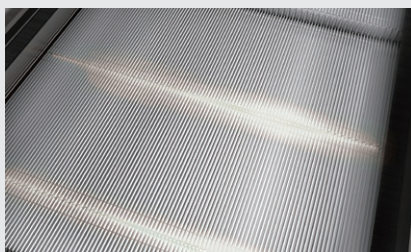
Skirt lighting, spots



Comb lighting



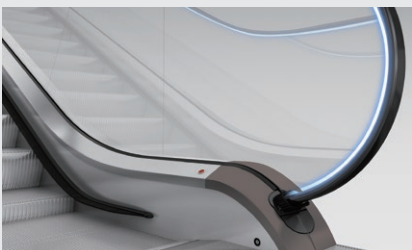
Skirt lighting, RGB



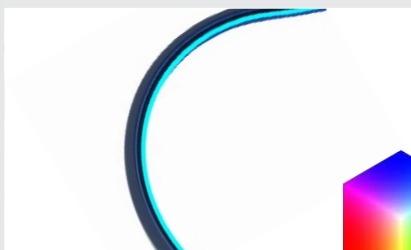
Step gap lighting



Integrated direction indicator



Balustrade lighting, white



Balustrade lighting, RGB

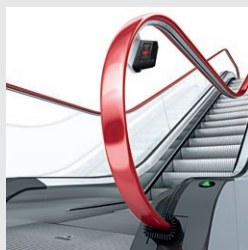
Handrail



Black



Green



Red



Orange

Skirt Panel



Sheet steel, black anti-friction



Stainless steel, with clear anti-friction

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 production system boasts global design concepts

Across the globe, Schindler operates nine production units for escalators and key escalator components like steps, trusses, and controllers. Our Clinton, North Carolina escalator plant complies with global assembly and ISO quality standards, allowing Schindler to bring a premium escalator product to our North American customers.

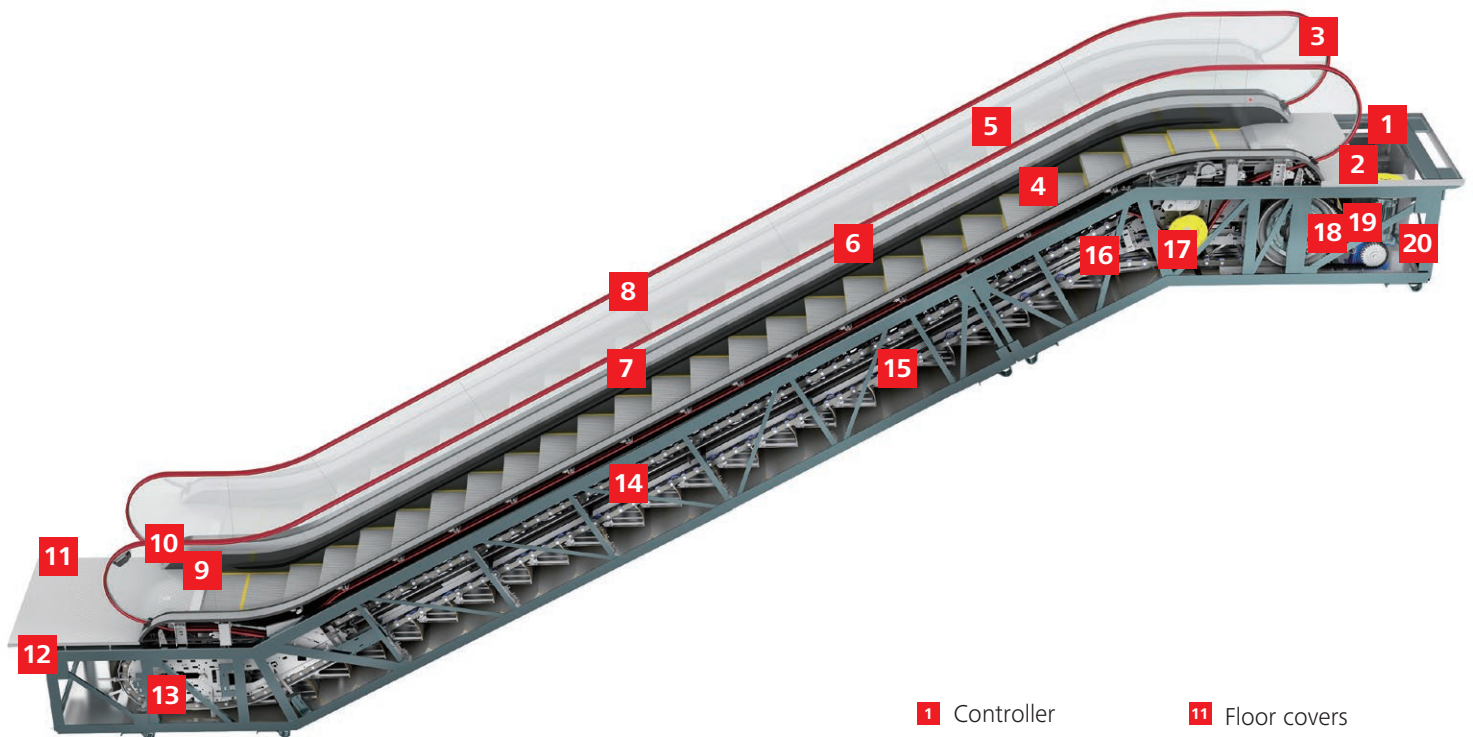


Customer-focused maintenance service

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



Supporting details for easy planning



- | | |
|-----------------------|--------------------|
| 1 Controller | 11 Floor covers |
| 2 Band brake | 12 End support |
| 3 Newel | 13 Tension station |
| 4 Steps | 14 Step chain |
| 5 Balustrade | 15 Tracks |
| 6 Inner/outer decking | 16 Truss |
| 7 Skirting | 17 Handrail drive |
| 8 Handrail | 18 Main shaft |
| 9 Combplate | 19 Duplex chain |
| 10 Newel end cap | 20 Drive unit |

Nominal step width	24" (600mm) / 32" (800mm) / 40" (1,000mm)
Angle of inclination	30 degrees
Max. rise H	42'-7 ¾"
Balustrade height	2' 11 ½" (900mm) / 3' 1 ½" (1000mm)
Horizontal steps	2 flat steps / 3 flat steps
Speed	90fpm (0.45m/s) / 100fpm (0.5m/s)

Schindler 9300 (Imperial)

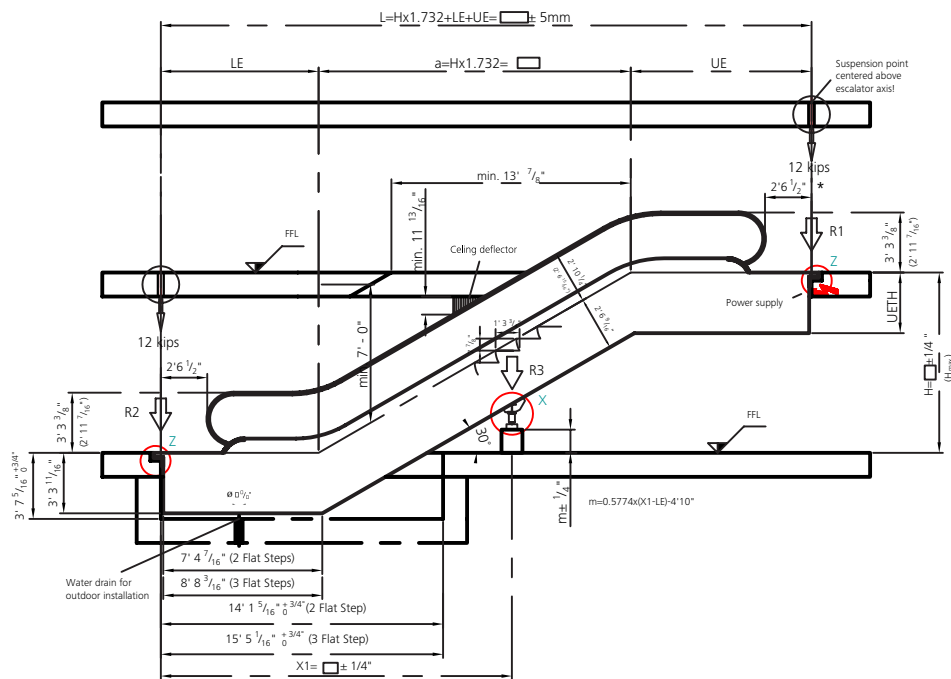
30° inclination, rise up to 42' 7 3/4"

Balustrade: Design E

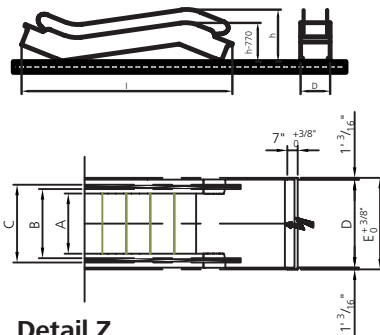
Step run: 2 or 3 flat steps

Balustrade height: 2' 11 1/2", 3' 1 1/2"

Step width: 24" / 32" / 40"

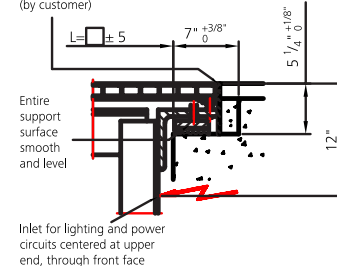


Transport dimensions



Detail Z

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



A: Step width	24"	32"	40"
B: Width between handrails	2' 5 1/2"	3' 1 1/2"	3' 9 1/4"
C: Handrail outer distance	2' 11 1/4"	3' 7"	4' 3"
D: Width of escalator	3' 7 1/2"	4' 3 1/2"	4' 11 1/4"
E: Width of welway - single unit	3' 9 3/4"	4' 5 3/4"	5' 1 1/2"
F: Width of welway - two adjacent units	7' 5 3/8"	8' 9 1/8"	10' 0 7/8"

Transportation Dimensions		
H (ft-in)	Esc Height (ft-in)	Esc Length (ft-in)
9'-10"	9'-10 1/2"	37'-11 1/2"
13'-1 1/2"	10'-1 1/4"	44'-5 7/16"
16'-4 3/4"	10'-2 13/16"	50'-11"
>18'-1/2"	Delivery in 2 or more pieces. Check with your Schindler representative for details.	

* For $H > 27'-10 \frac{3}{4}"$ increase dimension by $1'-10 \frac{1}{2}"$

Note: All dimensions in ft-in. according to standard A17.1/CSA B44 regulations. Provisions for local/regional codes, may affect the dimensions shown above. Always consult your local Schindler representative for specific and tailored information. Subject to change.

Schindler 9300 (Imperial)

30° inclination, rise up to 42' 7 3/4"

Balustrade: Design E

Step run: 2 or 3 flat steps

Balustrade height: 2' 11 1/2", 3' 1 1/2"

Step width: 24" / 32" / 40"

A (in)	H (in)	K (2 Flat Steps)		M (3 Flat Steps)		UETH (ft-in)	Weight (lbs)	Reactions (kips)			
		Upper End (UE) ft-in	Lower End (UE) ft-in	Upper End (UE) ft-in	Lower End (UE) ft-in			R1	R2	R3	R4
24	9'-10"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	13,039	10	9	--	--
	13'-1 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	14,613	11	10	--	--
	16'-4 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	15,961	12	11	--	--
	19'-8 1/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	17,535	13	12	--	--
	22'-11 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	19,109	9	6	14	--
	26'-3"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	20,682	10	5	16	--
	27'-10 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	22,481	11	5	18	--
	29'-6 1/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	23,380	11	4	19	--
	32'-9 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	25,403	13	5	21	--
	36'-1"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	25,853	8	11	16	--
	39'-4 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	27,202	9	5	9	18
	42'-7 3/4"	--	--	--	--	--	--	--	--	--	--
32	9'-10"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	13,713	11	9	--	--
	13'-1 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	15,287	12	11	--	--
	16'-4 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	16,861	13	12	--	--
	19'-8 1/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	19,334	15	14	--	--
	22'-11 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	20,233	10	6	16	--
	26'-3"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	22,481	11	6	18	--
	27'-10 3/4"	8'-1 1/16"	7'-3 1/16"	10'-9 7/8"	8'-7 7/16"	3'-6 1/16"	23,830	12	5	21	--
	29'-6 1/4"	8'-1 1/16"	7'-3 1/16"	10'-9 7/8"	8'-7 7/16"	3'-6 1/16"	25,628	13	6	22	--
	32'-9 3/4"	8'-1 1/16"	7'-3 1/16"	10'-9 7/8"	8'-7 7/16"	3'-6 1/16"	26,752	14	5	24	--
	36'-1"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	30,574	10	5	12	19
	39'-4 1/2"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	30,799	11	6	11	22
	42'-7 3/4"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	32,597	12	6	11	24
40	9'-10"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	14,613	12	11	--	--
	13'-1 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	16,411	13	12	--	--
	16'-4 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	19,334	16	14	--	--
	19'-8 1/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-3/4"	20,458	17	16	--	--
	22'-11 1/2"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	22,031	11	7	18	--
	26'-3"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	23,830	12	6	21	--
	27'-10 3/4"	8'-1 1/16"	7'-3 1/16"	9'-5 7/16"	8'-7 7/16"	3'-6 1/16"	27,652	15	7	23	--
	29'-6 1/4"	9'-6 1/8"	7'-3 1/16"	10'-9 7/8"	8'-7 7/16"	3'-6 1/16"	28,551	15	7	25	--
	32'-9 3/4"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	30,574	9	6	14	19
	36'-1"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	31,024	11	6	13	21
	39'-4 1/2"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	32,822	12	6	13	24
	42'-7 3/4"	9'-11 1/8"	7'-3 1/16"	11'-2 7/8"	8'-7 7/16"	3'-6 1/16"	35,970	14	7	13	27

Schindler 9300 (Metric)

Type 15, 30° inclination, rise up to 13 m

Balustrade: Design E

Step run: 2 or 3 flat steps

Balustrade height: 900 / 1,000 mm

Step width: 600mm / 800mm / 1,000 mm

A (mm)	H (mm)	K (2 Flat Steps)		M (3 Flat Steps)		UETH (mm)	Weight (kg)	Reactions (KN)			
		Upper End (UE) mm	Lower End (UE) mm	Upper End (UE) mm	Lower End (UE) mm			R1	R2	R3	R4
600	3,000	2,482	2,227	2,882	2,627	935	5,914	43	38	--	--
	4,000	2,482	2,227	2,882	2,627	935	6,628	49	43	--	--
	5,000	2,482	2,227	2,882	2,627	935	7,240	54	48	--	--
	6,000	2,482	2,227	2,882	2,627	935	7,954	59	54	--	--
	7,000	2,482	2,227	2,882	2,627	935	8,668	39	25	62	--
	8,000	2,482	2,227	2,882	2,627	935	9,381	43	23	72	--
	8,500	2,482	2,227	2,882	2,627	1,085	10,197	48	21	81	--
	9,000	2,482	2,227	2,882	2,627	1,085	10,605	50	19	86	--
	10,000	2,482	2,227	2,882	2,627	1,085	11,523	56	21	92	--
	11,000	2,482	2,227	2,882	2,627	1,085	11,727	35	47	71	--
	12,000	2,482	2,227	2,882	2,627	1,085	12,339	40	22	40	80
	13,000	--	--	--	--	--	--	--	--	--	--
800	3,000	2,482	2,227	2,882	2,627	935	6,220	48	42	--	--
	4,000	2,482	2,227	2,882	2,627	935	6,934	54	48	--	--
	5,000	2,482	2,227	2,882	2,627	935	7,648	60	54	--	--
	6,000	2,482	2,227	2,882	2,627	935	8,770	67	62	--	--
	7,000	2,482	2,227	2,882	2,627	1,085	9,177	43	28	71	--
	8,000	2,482	2,227	2,882	2,627	1,085	10,197	50	25	82	--
	8,500	2,482	2,227	3,299	2,627	1,085	10,809	53	23	92	--
	9,000	2,482	2,227	3,299	2,627	1,085	11,625	58	25	96	--
	10,000	2,482	2,227	3,299	2,627	1,085	12,135	61	23	105	--
	11,000	3,026	2,227	3,426	2,627	1,085	13,868	45	24	52	85
	12,000	3,026	2,227	3,426	2,627	1,085	13,970	50	25	50	96
	13,000	3,026	2,227	3,426	2,627	1,085	14,786	55	25	47	107
1000	3,000	2,482	2,227	2,882	2,627	935	6,628	53	47	--	--
	4,000	2,482	2,227	2,882	2,627	935	7,444	59	54	--	--
	5,000	2,482	2,227	2,882	2,627	935	8,770	70	62	--	--
	6,000	2,482	2,227	2,882	2,627	935	9,279	74	69	--	--
	7,000	2,482	2,227	2,882	2,627	1,085	9,993	49	30	81	--
	8,000	2,482	2,227	2,882	2,627	1,085	10,809	54	28	93	--
	8,500	2,482	2,227	2,882	2,627	1,085	12,543	65	29	103	--
	9,000	2,899	2,227	3,299	2,627	1,085	12,950	68	29	109	--
	10,000	3,026	2,227	3,426	2,627	1,085	13,868	42	27	61	84
	11,000	3,026	2,227	3,426	2,627	1,085	14,072	48	27	59	95
	12,000	3,026	2,227	3,426	2,627	1,085	14,888	54	28	57	107
	13,000	3,026	2,227	3,426	2,627	1,085	16,316	61	29	56	122

Seamless connectivity

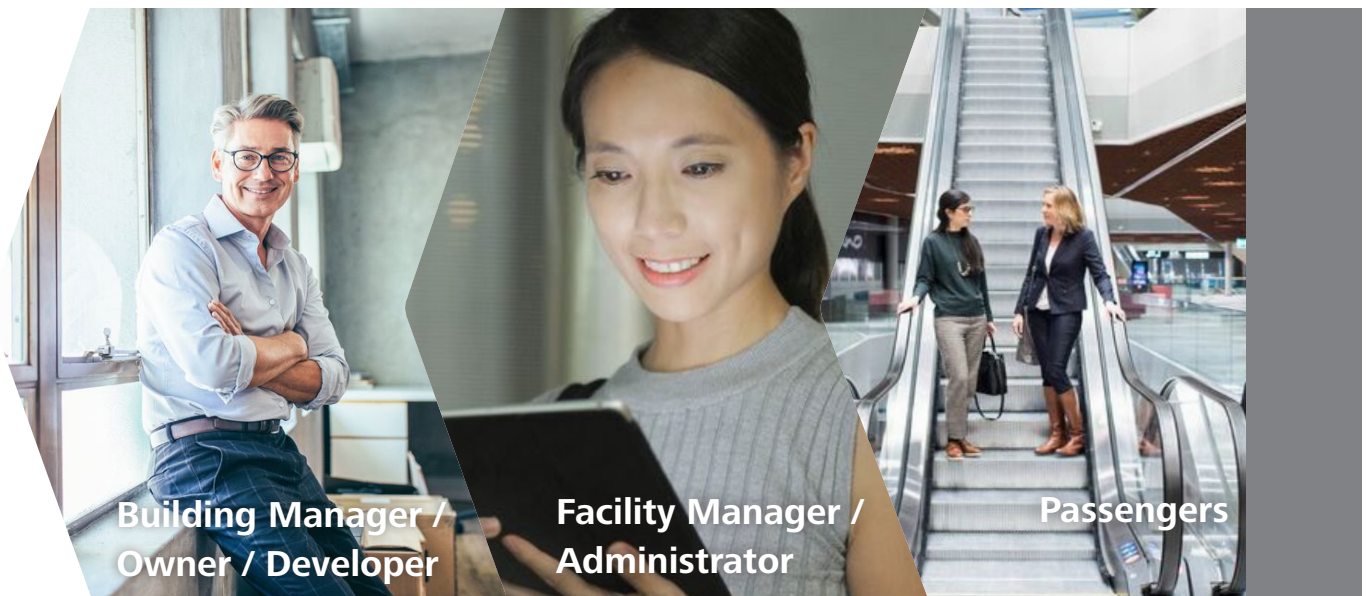
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With Schindler Ahead, we turn data into results for customers and passengers.

Schindler Ahead is a cloud platform. Using 4G connectivity, this closed-loop digital platform allows your connected equipment to become part of the Building Internet of Things (IoT). Secure, automated data collection and real-time analytics provide insights that allow for predictive maintenance, equipment visibility, maximized uptime and more accurate capital planning. Building owners, facilities managers and passengers can have the relevant information they need, when they need it.

To learn more about Schindler Ahead, visit schindler.com/ahead-us.

Key benefits of Schindler Ahead



- High reliability and uptime improves overall building performance
 - Insights about component lifetime allow for better mid-term planning of repairs and modernizations
 - Complete digital documentation of equipment portfolio
 - 24/7 digital emergency service
 - Increased building value by connecting to Internet of Things
 - Cost-saving solutions with service guarantees and removal of phone line
- High reliability and uptime with fast reaction times, thanks to predictive maintenance
 - Real-time information on equipment status and performance
 - Full transparency on status of maintenance activities, due to push notifications via app, text, or email
- Reduced wait times and increased reliability lead to potential improvements in the passenger experience
 - Regular status updates about equipment and maintenance work via the app, text, or email
 - Increased convenience thanks to interactive and personalized information





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Schindler has received renewal to ISO 9001 and ISO 14001 certificates.

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