

Schindler 3300 XL

Space-saving traction technology.
Expanded capabilities.





The Schindler 3300 XL elevator for passenger and service applications in low- to mid-rise buildings

» Space optimization

Machine room-less design provides more usable building space and roomier cars for greater passenger comfort.

» Class A characteristics

Elevate your building with tall cars, entrances and center opening doors on a 4,000 lb. general purpose configuration; accommodating IBC 2009 and greater stretchers.

» Understated elegance

Stylish yet refined, the Schindler 3300 XL seamlessly integrates the beauty of Italian design with the precision of Swiss engineering, all while being able to accommodate as much as 1,350 lbs. in additional weight.*

» Superior performance

Quieter, smoother traction technology combined with expanded service capacity and range. Passengers will notice the smoother ride. Building owners will appreciate the increased capabilities.

*Applies to front-opening 4,500 lbs service configuration with tall cars and entrances.

The Schindler 3300 XL — when specifications require more. More room. More speed. More lift.

The Schindler 3300 XL was developed to serve the low- and mid-rise building market with larger cars and more entrance and deco options. Capacities include 3,500 lbs. general purpose, 4,000 lbs. general purpose/hospital service, 4,500 lbs. hospital service, and 5,000 lbs. hospital service.

The world's most enlightened elevator

The Schindler 3300 traction elevator is recognized globally as the smartest choice for low- to mid-rise commercial and residential buildings.

To meet the broader needs of commercial, hospital and service applications, the Schindler 3300 line has been expanded to include a XL line with additional capabilities:

- Larger cars
- Faster travel speeds
- Greater load capacity
- Smoother rides
- Less noise
- MRL configuration
- More design and aesthetic options

More room. More usable space.

As architects around the world can attest, the Schindler 3300 XL is designed to maximize the square footage of the car interior. And, while delivering larger cars and greater load capacities, the Schindler 3300 XL is still a machine room-less system*.

This MRL design reduces building interfaces, saves valuable usable space and increases efficiency.

Feels, sounds and looks better

In addition to being roomier, our cars are constructed using high-quality, high-strength materials with sound dampening and isolating materials making them more stable, comfortable and quieter.

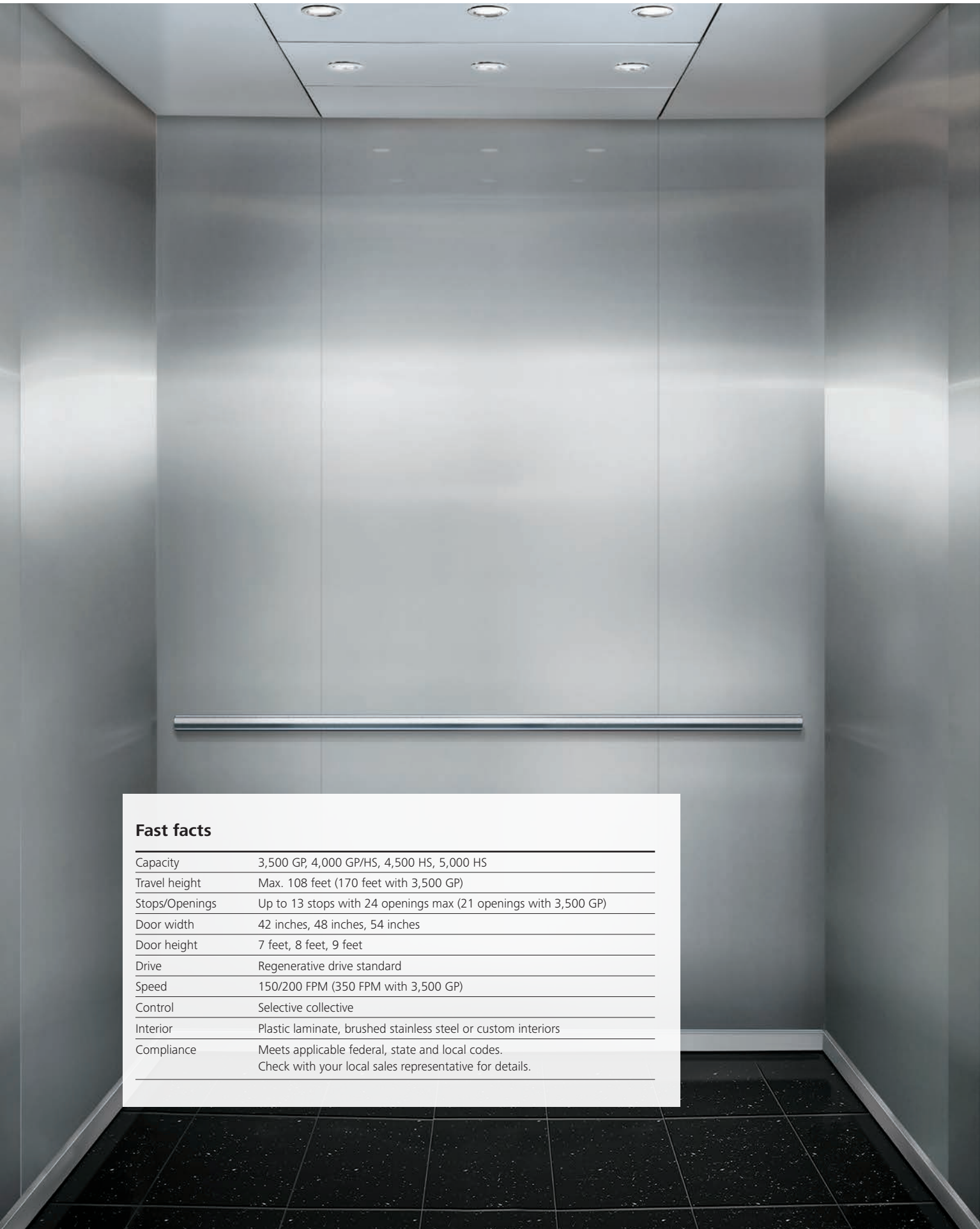
Thanks to our suspension traction media (STM), the Schindler 3300 XL glides smoothly and quietly through your building. Elevator movements go virtually unnoticed — which will certainly be appreciated by occupants of your building.

Our standard design palettes are anything but “standard”. We can provide exceptional looks, while keeping lead times and costs down. From stainless steel to a distinctive collection of attractive laminates, your design choices are easier than ever before.

Designed for our passengers

With automatic evacuation available, we've elevated our focus on safety. In the event of a power failure, you will be taken safely to the next floor.

*Please consult your local sales representative for local code MRL details.



Fast facts

Capacity	3,500 GP, 4,000 GP/HS, 4,500 HS, 5,000 HS
Travel height	Max. 108 feet (170 feet with 3,500 GP)
Stops/Openings	Up to 13 stops with 24 openings max (21 openings with 3,500 GP)
Door width	42 inches, 48 inches, 54 inches
Door height	7 feet, 8 feet, 9 feet
Drive	Regenerative drive standard
Speed	150/200 FPM (350 FPM with 3,500 GP)
Control	Selective collective
Interior	Plastic laminate, brushed stainless steel or custom interiors
Compliance	Meets applicable federal, state and local codes. Check with your local sales representative for details.

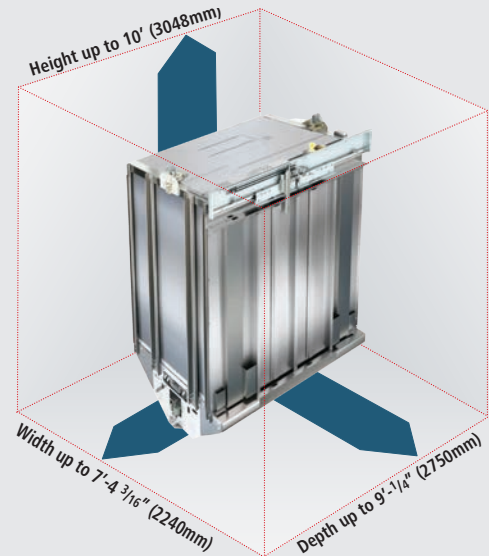
Space optimization

The Schindler 3300 XL delivers more space where you need it, when you need it, with capacities ranging from 3,500 lbs. to 5,000 lbs.

Car sizing options for passenger, hospital, and service applications

With cars up to 10 feet tall, 7'-4³/₁₆" wide and 9'-1¹/₄" deep, the Schindler 3300 XL is adaptable to meet an expanded range of applications including commercial, residential, hospitality, healthcare, and service.

In general passenger service, roomier cars significantly enhance rider comfort. In hospital, hospitality and service applications, larger cars easily accommodate stretchers, luggage carts and other material handling equipment.



MRL design saves valuable building space

The reduced space requirements for technical equipment and components deliver significant advantages:

- Fits into a standard hoistway
- Requires no machine room or control closet
- Needs minimal hoistway overhead
- Eliminates unsightly roof structures

Space-saving measures include:

- Small, powerful drive located in the hoistway overhead
- High-strength, flexible suspension traction media (STM)
- Compact inspection and test panels in the top landing hoistway door jamb or a jamb up to 74' away from the top landing
- Control distributed throughout the system



Class A characteristics

Affordable Class A characteristics include center opening doors, stretcher compliance, and 4,000 GP cars along with multi-car bank symmetry.



You'll find our processes are streamlined, simple, and quick – from planning to installation.

Planning

The Schindler 3300 XL requires no machine room, which means only the elevator hoistway has to be designed. Standardized plans mean less planning, making the process simple and efficient.

Ordering

Every Schindler 3300 XL easily accommodates an IBC 2009 or later stretcher, including the 4,000 lb. GP with center opening doors. Since there are no complicated specifications, you can quickly and effortlessly find the product that fits your needs.

Delivery

We help minimize workspace clutter by delivering the Schindler 3300 XL complete, in a single shipment, just in time for its installation.

Installation

Whether it's a single unit or a symmetrical multi car bank with up to four units, the elevator installs quickly. No cranes or scaffoldings are required. Depending on the configuration, the system can be ready in as little as a few weeks.

Superior performance

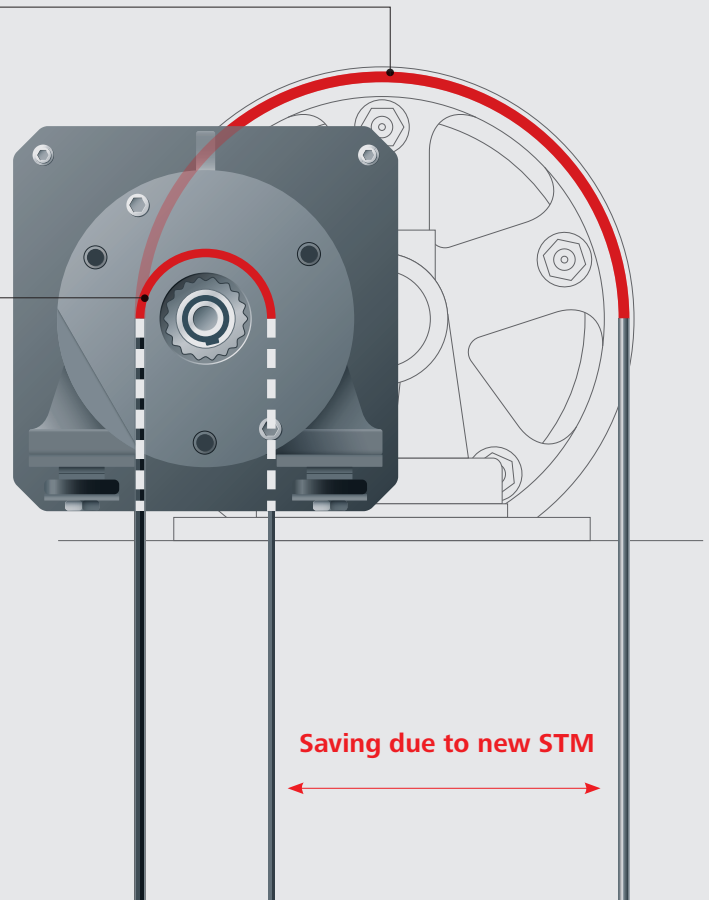
Traction technology delivers noticeably quieter and smoother service. Passengers will notice the better ride. Building owners will appreciate the increased reliability and efficiency.

Current: steel cables

Steel cables used in elevators are relatively inelastic, requiring a traction sheave diameter of at least 12 inches plus a motor with drive gears large enough to match. A system that requires more space and is intrinsically inefficient.

Future: Suspension Traction Media (STM)

Suspension traction media are more flexible, can use a traction pulley diameter as small as 4.25 inches and require a much smaller motor. A space saving design.



Drive system

The Schindler 3300 XL requires a small hoist machine and inverter. This saves more space compared to previous drive systems; it is installed directly in the overhead and does not require a separate machine room. The system stops the car with precision. Car and landing floor line up very accurately to ensure that passengers get in and out safely. There is minimal noise due to the material of the suspension traction media (STM). The regenerative drive further increases efficiency and can deliver energy back to the building.

Suspension Traction Media (STM)

The STM consists of strong surface-coated steel wire ropes sheathed in a non-circular polyurethane jacket. They replace conventional steel cables, weigh less, require less space and run quieter. Thanks to the STM, there is room for the machine and drive directly in an even smaller elevator hoistway.

Inspection and test panel

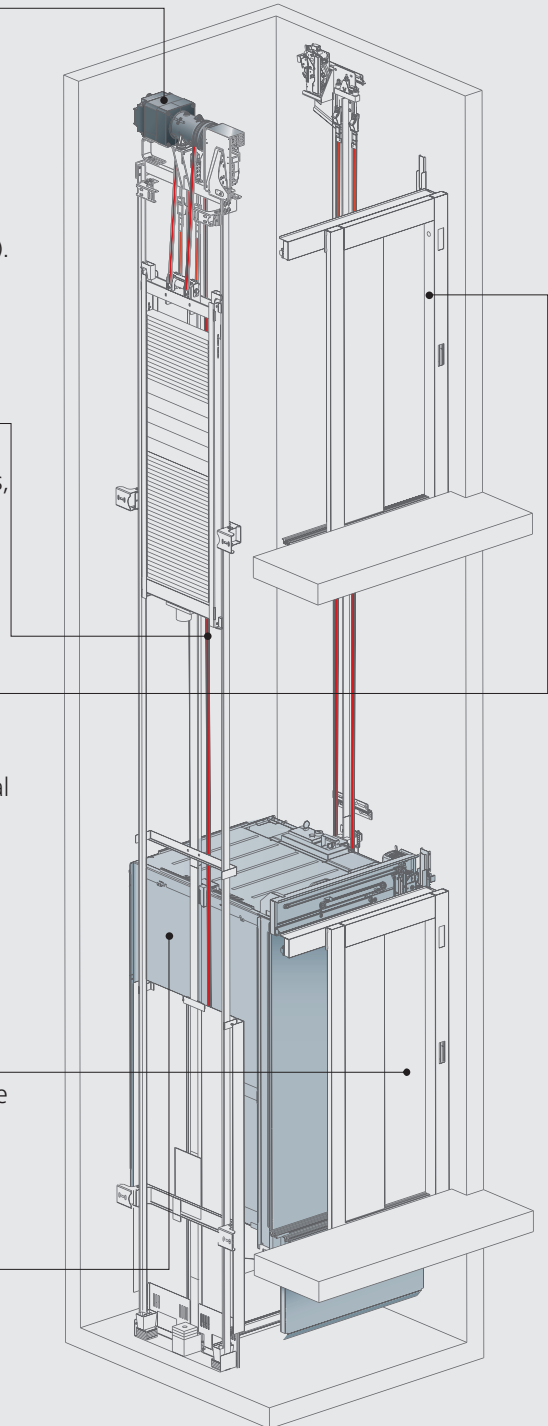
The inspection and test panel is built directly into a standard doorframe at the top landing, or in a jamb up to 74' from the top landing. This highly functional solution simplifies elevator installation, provides practical handling, and saves space. The Schindler 3300 XL does not require a space-consuming machine room or control closet. However, some jurisdictions still require such space. In those areas, contact your local Schindler sales representative for a room or closet solution.

Doors

Doors are equipped with a frequency-controlled drive for fast and reliable operations. Two-speed side-opening doors opening to the left or right, as well as single-speed center-opening doors, are available.

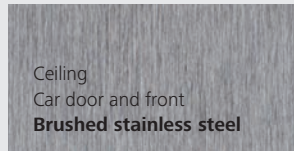
Car

Technology does not take much space in the Schindler 3300 XL. This benefit allows relatively small hoistways to be utilized while providing a larger car interior.



Understated elegance

Make a grand entrance. Begin your design with a choice of stainless steel or durable powder coat finishes. Entrances and landing doors are available in center-opening or side-opening configurations, with left-hand or right-hand openings.



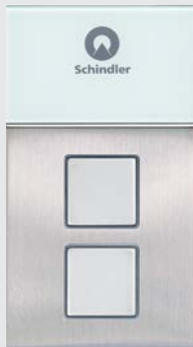
Distinctive brushed stainless steel cab is an optional upgrade



Our hall fixtures are composed of stainless steel and tempered safety glass panels, back-printed in white for a modern look. Please refer to our fixtures brochure for additional options, including vandal-resistant.



Combination hall lantern and position indicator



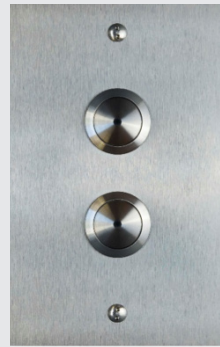
Hall pushbuttons



Car lantern



Vandal-resistant combination hall lantern and position indicator



Vandal-resistant hall pushbuttons



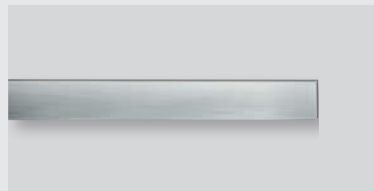
Car operating panel*



Vandal-resistant Car operating panel



Round handrail - (shown with optional returned ends)



Flat handrail

The unique ceiling design comes standard in brushed stainless steel with classic LED round spot downlights.



Ceiling lighting - standard LED round spot downlights**

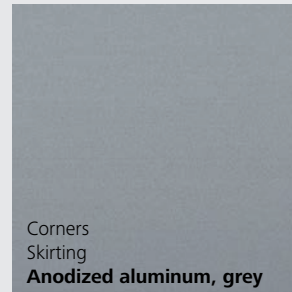
Note: The car specifications, options and colors in this brochure are representative only and are subject to change. Sample shown may vary from the original in color and material.

*Car operating panel available as half height non flush mounted, or full height flush mounted. Vandal-resistant option available on full height car operating panels.

**Quantity of LED round spot downlights depends on the elevator size/configuration.

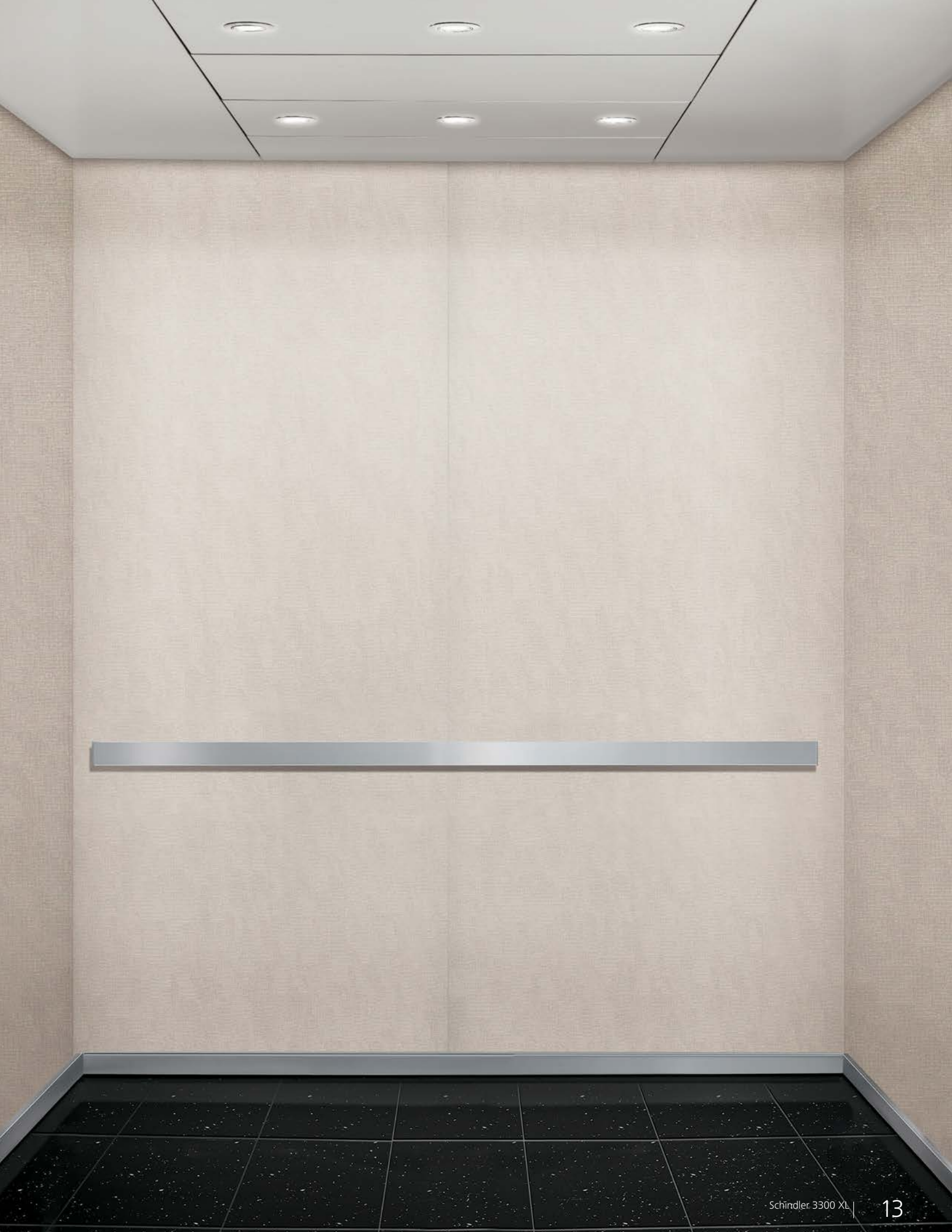
Add personality to your elevator

Car walls are available in stainless steel, a choice of plastic laminates, or other options including hung panels. More options are available in addition to the standards shown. If your vision requires something unique, custom car options are also available. Consult your sales representative for details.



Distinctive stainless steel cab is an optional upgrade





The perfect combination of people-centered design and technology

The features and components of the Schindler 3300 XL are designed to enhance the rider experience, improve safety, and minimize downtime. From the drives to the stylish stainless steel fixtures, you'll find the latest technological advances.

Drive

- Regenerative drive comes standard
- Compact, lightweight and durable design
- Gearless machine saves energy and avoids power loss
- Stable start reduces electric costs
- Frequency converter with standby power mode safely returns elevator to nearest floor during power outage

Control

- When not in use, car lights automatically switch to standby mode
- Car panel and floor indicators use low power LEDs
- Multi-bus control architecture reduces cabling and material waste
- Smart controls provide more efficient passenger transportation

Cab

- Car lighting uses energy-efficient LED lamps
- Central guiding system reduces friction and energy consumption
- Door drive with standby mode
- Larger cabs are also stronger and lighter weight





Seamless connectivity

Made for today. Ready for the future.

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

Schindler Ahead is a cloud platform. Using wireless 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 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 www.schindler.com/ahead-us.

Key benefits of Schindler Ahead



- High reliability and uptime improves overall building performance
 - 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
 - Real-time information on equipment status and performance
 - Full transparency on status of maintenance activities, due to push notifications via app 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 or email
 - Increased convenience thanks to interactive and personalized information

SchindlerPlan.com

Elevator and escalator design in minutes



Schindler Plan is an easy-to-use online planning tool that makes it simple to configure your elevator or escalator in minutes. Good elevator or escalator design plays a critical role in the quality of life and work in multi-story buildings. Schindler Plan was developed to enable accurate escalator or elevator preparation early in a project's life cycle.

Schindler 3300XL Machine Room-Less (MRL) Traction Elevator with Regenerative Drive

Capacity 3,500 – 5,000 lbs.

Passengers 21 – 31

Speed 150 – 200 FPM (350 FPM with 3,500 GP)

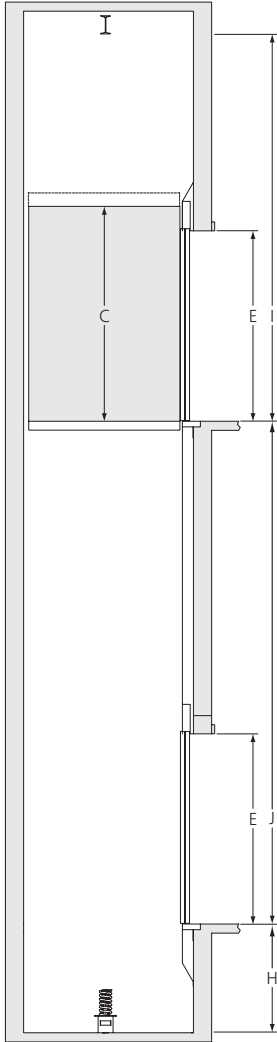
Travel height Up to 108' and 13 stops, 24 openings
(170 feet and 21 openings with 3,500 lbs. GP)

Cab height 7'-9", 9', 10' (7'-9" shown)

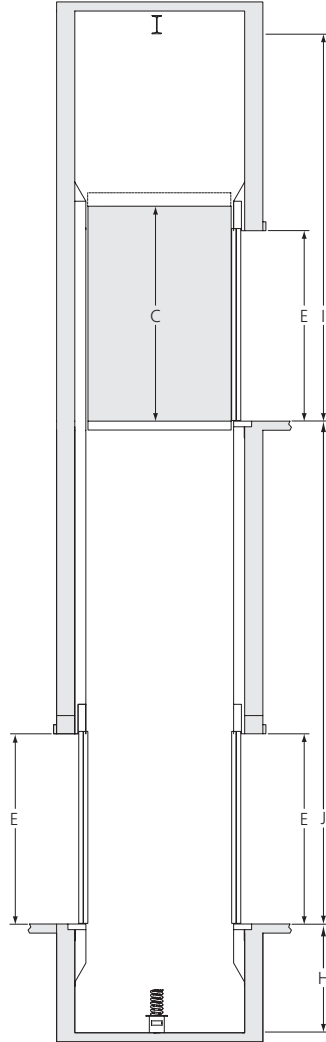
Door height 7', 8', 9' (7' shown)⁸

Hoistways

Front opening



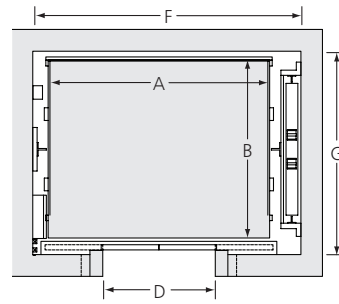
Front/rear opening



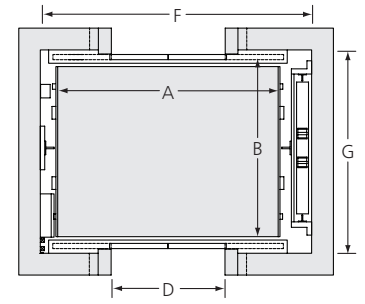
Hatch plans:

General Purpose

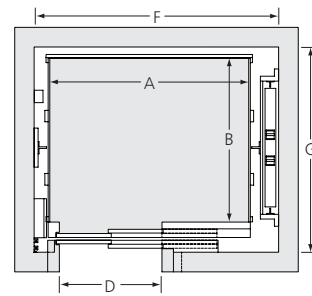
Front opening single-speed center opening (SSCO)



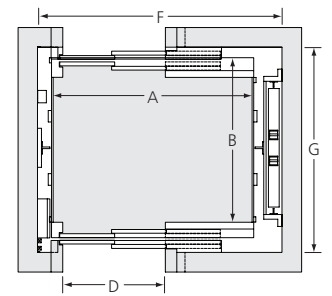
Front/rear opening single-speed center opening (SSCO)



Front opening two-speed¹ left opening (2SSO)

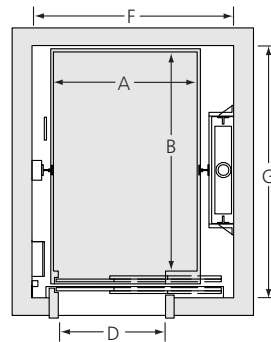


Front/rear opening two-speed¹ left opening (2SSO)

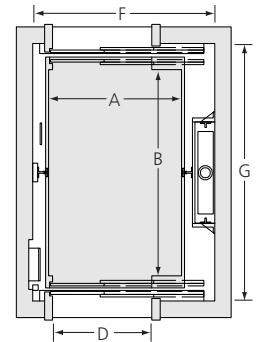


Hospital/Service

Front opening two-speed¹ left opening (2SSO)



Front/rear opening two-speed¹ left opening (2SSO)



Abbreviations:

A Cab width

B Cab depth

C Car height

D Door width

E Door height⁸

F Hoistway width

G Hoistway depth

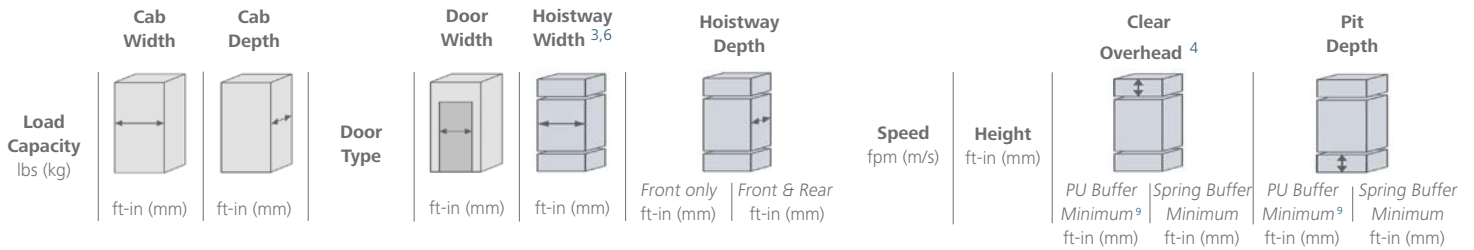
H Pit depth

I Clear overhead

SSCO Single speed center opening door

2SSO Two speed side opening door¹

General Purpose, Hospital/Service Specifications and Layout Data



General Purpose

3,500 (1,590)	6'-4 9/16" (1945)	5'-6 15/16" (1700)	SSCO	3'-6" (1067)	8'-6" (2591)	6'-11 1/16" (2110)	7'-4 1/2" (2248)
	6'-4 9/16" (1945)	5'-6 15/16" (1700)	2SSO	3'-6" (1067)	8'-6" (2591)	6'-11 1/16" (2110)	7'-7 1/16" (2328)
4,000 (1,815)	7'-4 3/16" (2240)	5'-7" (1700)	SSCO	4' (1219)	9'-6" (2894)	6'-8 1/8" (2035)	7'-4 3/16" (2240)

Hospital Service

4,000 (1,815)	5'-4 1/4" (1632)	7'-8 1/2" (2350)	2SSO	4' (1219)	7'-6" (2286)	8'-11 5/16" (2725)	9'-9" (2970)
4,500 (2,040)	5'-4 1/4" (1632)	8'-2 1/2" (2500)	2SSO	4' (1219)	7'-6" (2286)	9'-5 3/16" (2875)	10'-2 7/8" (3120)
5,000 (2,270)	5'-4 1/4" (1632)	8'-8 5/16" (2650)	2SSO	4' (1219)	7'-6" (2286)	9'-11 1/8" (3025)	10'-8 3/4" (3270)
	5'-10 7/8" (1800)	8'-8 5/16" (2650)	2SSO	4 1/2' (1372)	8'-2 5/16" (2497)	9'-11 1/8" (3025)	10'-8 3/4" (3270)

Door height: 7', 8', 9'⁸

Schindler recommends 5'-0" (1524) nominal pit depth.

150 (0.76)	7'-9" (2362)	12'-7" ⁹ (3835)	12'-11 1/4" (3942)	4'-0" ⁹ (1219)	4'-0" (1219)
	9'-0" (2743)	13'-10" ⁹ (4216)	14'-2 1/4" (4323)	4'-0" ⁹ (1219)	4'-0" (1219)
	10'-0" (3048)	14'-10" ⁹ (4521)	15'-2 1/4" (4628)	4'-0" ⁹ (1219)	4'-0" (1219)
200 (1.02)	7'-9" (2362)	12'-8" ⁹ (3858)	13'-4 3/16" (4068)	4'-0" ⁹ (1219)	4'-1 5/16" (1219)
	9'-0" (2743)	13'-11" ⁹ (4239)	14'-7 3/16" (4449)	4'-0" ⁹ (1219)	4'-1 5/16" (1219)
	10'-0" (3048)	14'-11" ⁹ (4544)	15'-7 3/16" (4754)	4'-0" ⁹ (1219)	4'-1 5/16" (1219)

Notes:

- 2SSO doors are available with right or left openings. Optional hand (diagonal) door layout complies with stretcher access if needed. Please contact your local Schindler Sales Representative for more information.
- Up to four car group operation is available. Please consult with your local Schindler Sales Representative for more information.
- Seismic areas require 2" more hoistway width. Please contact your Schindler Sales Representative for details and options.
- Clear overhead is defined as from the lowest point below any obstruction such as: hoist beam(s), building beams, or roof structure.
- Where permitted by code, no control closet is required. A 3-phase and 110v disconnect must be located in both the hoistway overhead and a location in the building outside of the hoistway. The latter is not required to be an elevator-dedicated space.
- Schindler 3300 XL also fits into a smaller hoistway footprint with 2" less hoistway width. Please contact your Schindler Sales Representative for additional information.
- Cab heights available are 7' 9", 8', or 9'. Subtract 4" from these dimensions to underside of canopy.
- Door heights available are 7', 8', or 9', except for 3,500 lb. configuration, where door height is 7' only.
- PU buffer requires a local code review. Please contact your local Schindler Sales Representative for additional PU buffer information.
- These dimensions are for information only and cannot be used for construction purposes without Schindler confirmation. Confirm with your local Schindler Sales Representative.



Schindler – We Elevate

For more information, including the location of the Schindler office nearest you, please visit:

U.S. Headquarters. Morristown, New Jersey
Tel. 973.397.6500
www.schindler.com

Canada Headquarters. Toronto, Ontario
Tel. 416.332.8280

We Elevate



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



Schindler prints with vegetable-based ink on paper containing post-consumer waste fiber.
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