Schindler 9500™

Rubber Belt Passenger Conveyor

Type 55

Schindler

Schindler 9500™ Conveying passengers in comfort and safety

The Concept

Schindler 9500 brings together leading-edge rubber belt transport technology and the proven dependability of Schindler products and services. Designed to combine maximum passenger appeal with simplified structural integration, Schindler 9500 establishes new levels of benefit for operators, users and planners alike.

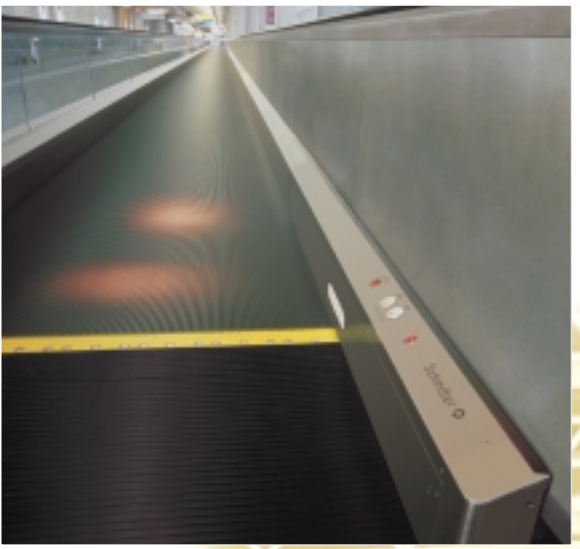
Johannesburg International Airport, South Africa

Delivery and Installation - On Schedule

"The installation contract for 18 passenger conveyors was placed with Schindler in June 1994. All the conveyors had to be in operation by the end of May 1995, which meant a very tight schedule for a contract of this magnitude. Schindler exceeded all expectations, completing the entire 18 units well ahead of schedule. We decided in favor of rubber belt technology because it both reduces noise levels to a minimum and assures passengers a soft and comfortable ride."

P. De Jager, General Manager
Johannesburg International Airport

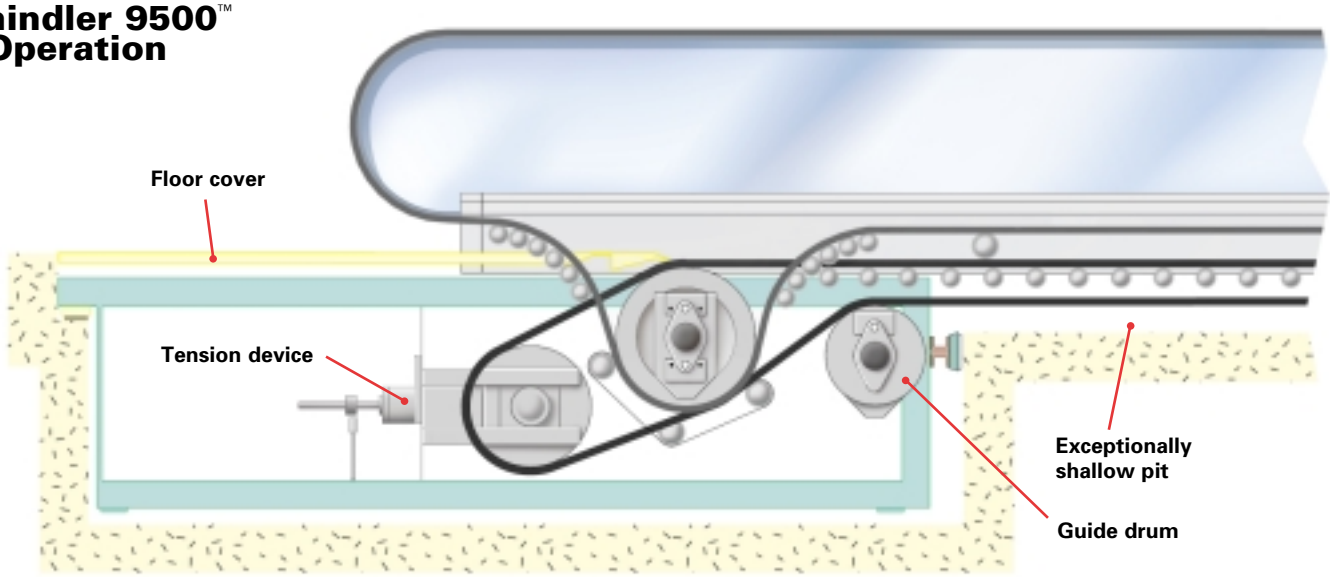
Schiphol Airport, Amsterdam, Netherlands



Key Features of Schindler 9500™

- Exceptionally shallow running pit depth of only 315 mm allows easy integration into both new and existing buildings.
- Rubber belt technology is far quieter in operation than a conventional pallet-type unit.
- Risk of fire is minimized by the lubrication-free, fire-resistant belt; there are no tread gaps, which prevents dust accumulation.
- Ecological design focus results in very low levels of oil-soiled waste.
- Design excellence in aesthetics and ergonomics gives Schindler 9500 great passenger appeal.
- Three tread widths - 1000 mm, 1200 mm and 1400 mm - are available to accommodate a wide range of passenger flow rates.

Schindler 9500™ in Operation



Operator Benefits

Schindler 9500 was developed for genuine owner-friendliness by combining the inherent qualities of Schindler engineering technology to the durable, long-life Dunlop Starglide rubber belt.

The absence of pallets and handrail drive chains means far fewer moving parts and a reduction in lubrication. This provides greater assurance of high long-term availability rates and produces significant reductions in noise levels.

Dust accumulation along the pit is also eliminated by the absence of gaps through which dust can fall.

Stylish Appearance, Sturdy Construction

The continuous, unbroken matt-black tread surface is impressively bordered by slim, yet robust balustrades. Schindler 9500 is designed to combine aesthetics with robustness to transport the heaviest passenger loads.

Balustrade panels are available in glass with optional illumination, or in brushed stainless steel. Handrails may be conventional black, or in a color to coordinate with the building's design scheme.

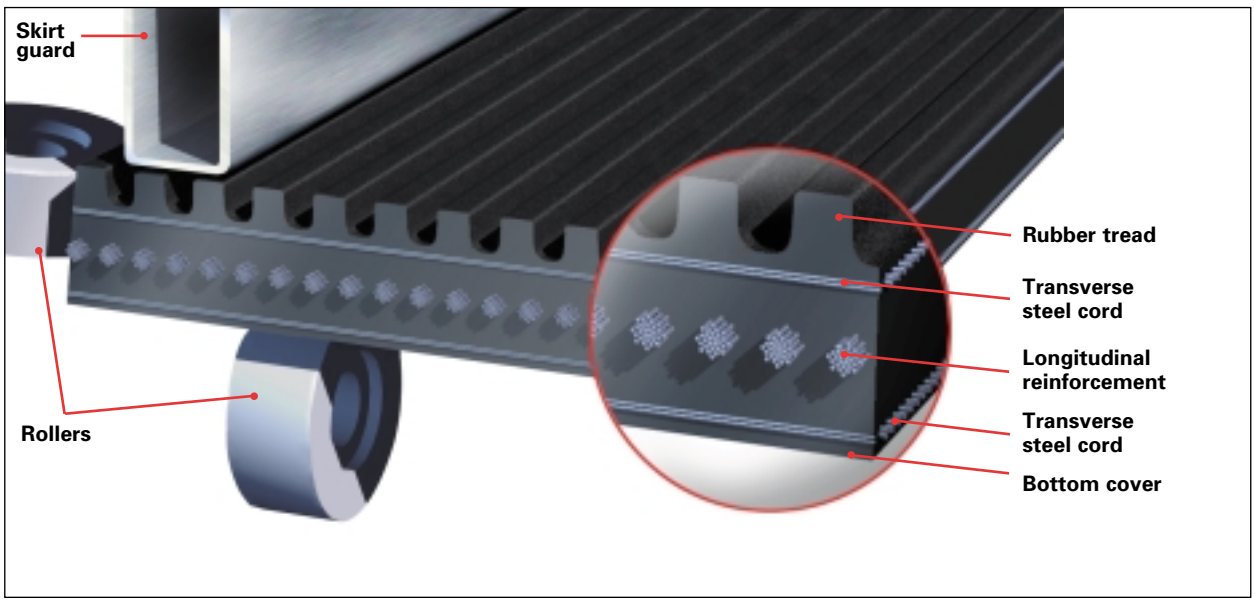
All other surfaces on the balustrades are finished in brushed stainless steel, completing the efficient, durable and stylish appearance.

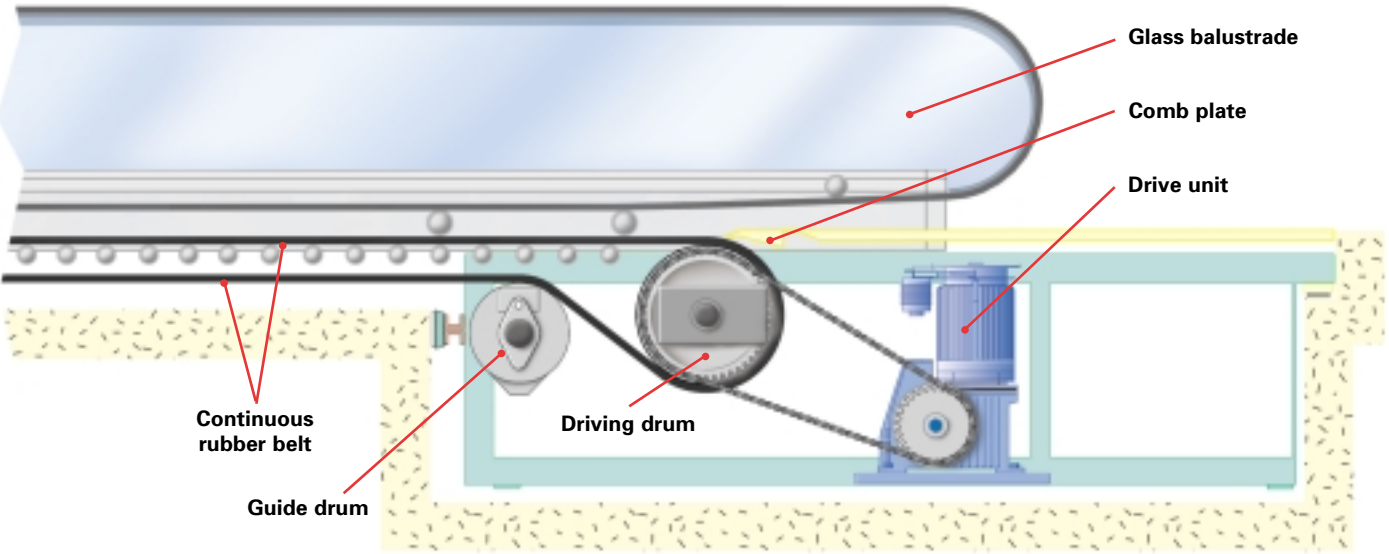
Quiet, Comfortable Ride

Schindler 9500 has only a fraction of the components of a conventional passenger conveyor, and consequently operates far more quietly.

The tough, ribbed rubber surface of the belt offers excellent grip to passengers while remaining comfortable underfoot. Its transverse stiffness is much higher than that of earlier textile belts, giving reassurance of its strength.

Dunlop Starglide rubber belt





Intelligent Controller

The brain of Schindler 9500 is Miconic F, the latest generation of Schindler's outstanding microprocessor controllers.

Miconic F continuously monitors and stores all aspects of the Schindler 9500 status and performance. If any deviation from preset default parameters occurs, diagnosis and reaction is immediate, so maximizing availability.

Of increasing importance in intensive traffic environments, Miconic F is equipped with intelligent communication capability. Schindler 9500 installations can therefore transmit or receive information and commands over a local network, and can be supervised and controlled through central building monitoring systems, such as Schindler LobbyVision or Servitel telemonitoring.

Soft Start

At start-up Miconic F gently controls the acceleration of the drive up to working speed. This "soft start" enhancement extends the life of the mechanical components beyond systems operating under conventional automatic operation.

Miconic F controller

Safety for the User

Passenger safety begins with the non-slip rubber surface of the belt tread.

Along its sides the belt travels beneath the skirting, eliminating the conventional vertical side gaps and so minimizing the risk of pinching.

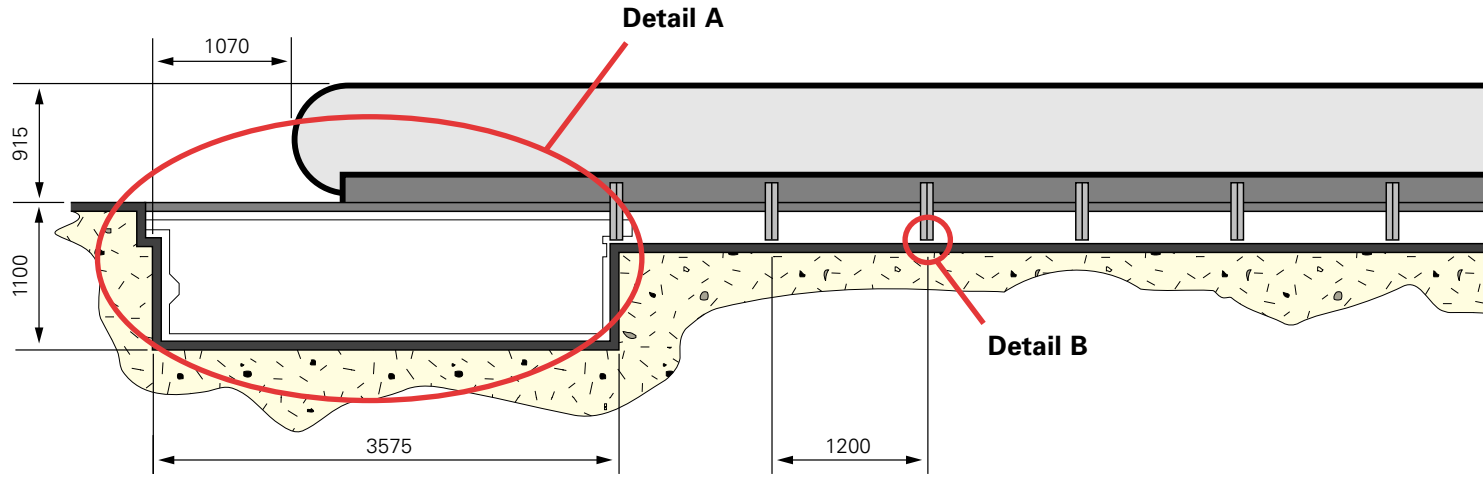
At each end the combs mesh deeply into the belt tread to prevent objects from jamming.

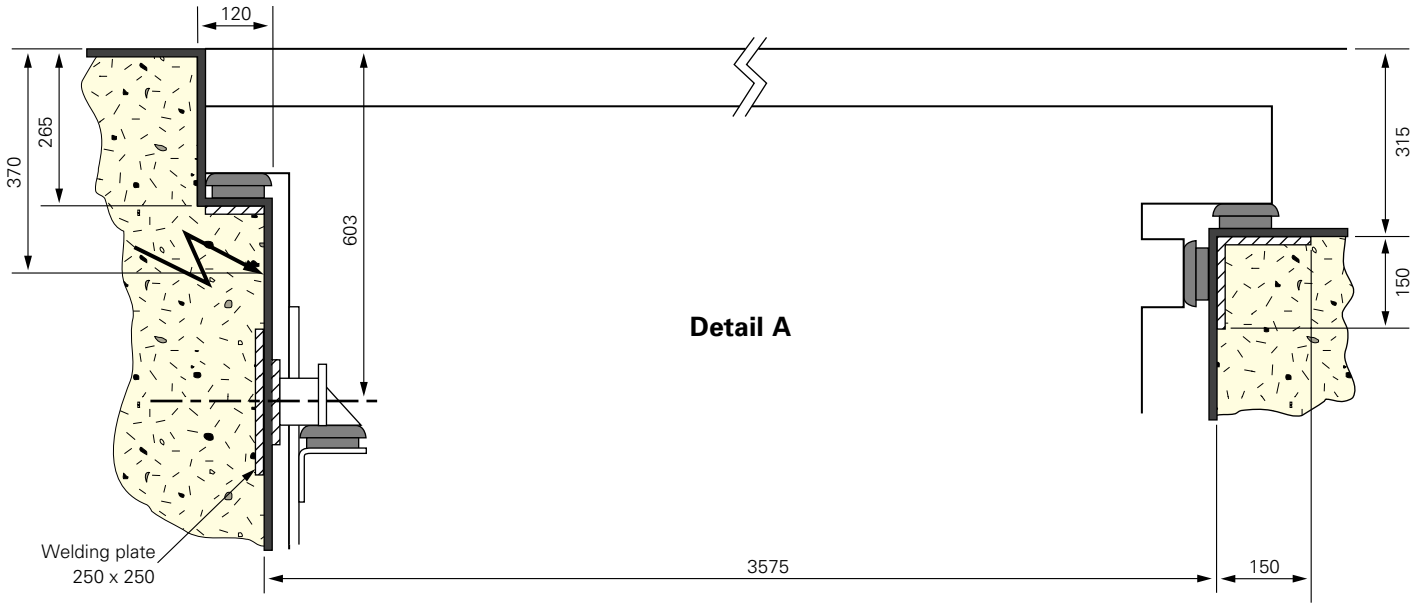
All safety features, including fire resistance, meet or exceed all necessary international safety codes, including EN 115 and ANSI.

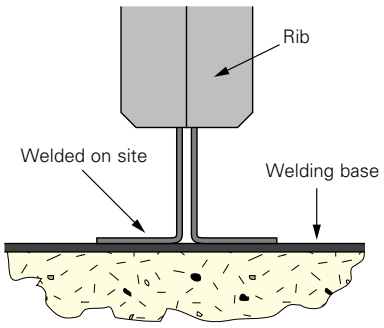
Horizontal gaps diminish the risk of pinching

Planning and Installation

All measurements in mm.







Detail B

Versatile Specification

The choice of three tread widths and four different speeds provides multiple options for meeting individual traffic-flow needs. Schindler 9500 is available in any length up to a maximum of 100 m. For longer runs and special applications please contact our sales office, who will be pleased to advise you.

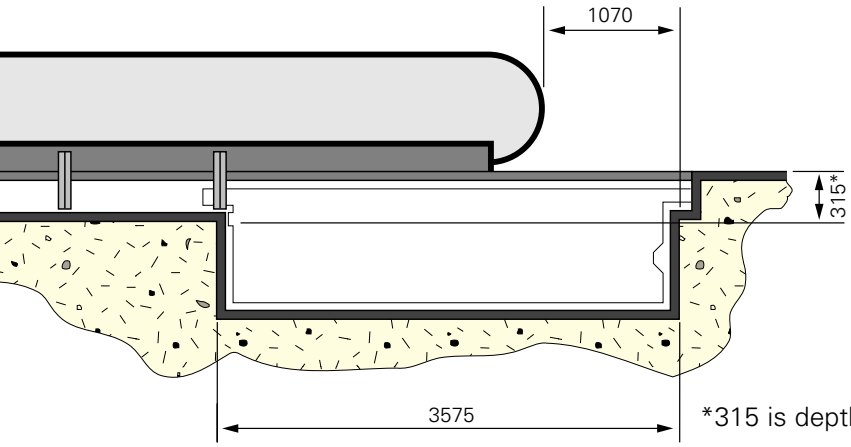
Compact Installation

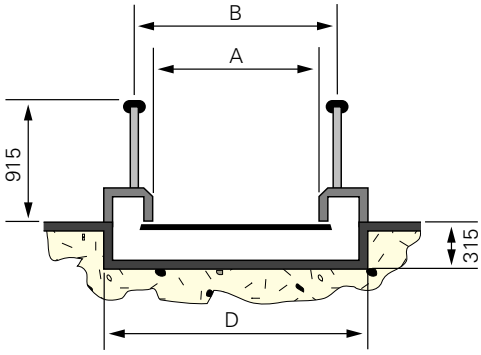
The exceptionally shallow pit depth of only 315 mm in the center section offers economies in floor cavity design for new installations and greatly simplifies the integration of Schindler 9500 into existing locations. This compact design is achieved by mounting the center section supports directly onto welding plates, which lie flat in the pit base.

Customer Requirements

For us to assess your individual requirements please supply the following information:

- Project name and location
- Required delivery date
- Number of units
- Passenger conveyor width for each unit
- Passenger conveyor length for each unit
- Balustrade type
- Speed
- Special features required
- Indoor or covered outdoor
- Power supply available

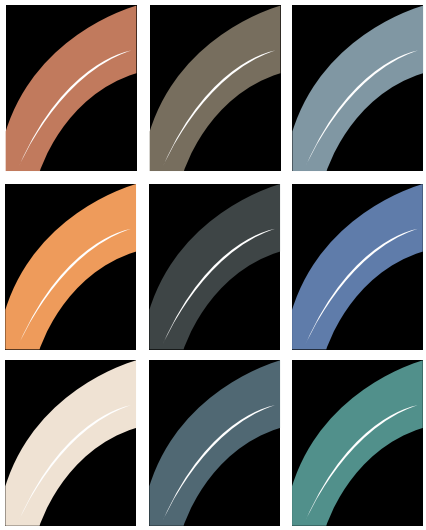




*315 is depth of central section

Color options

Balustrade glass



Handrails

Finish

Balustrade	i) clear or colored tempered safety glass 10 mm, with/without lighting ii) stainless steel, without lighting
Balustrade profile	stainless steel, finish 240
Skirtings	stainless steel, finish 240
Comb	plastic, yellow
Floor plate	rigid aluminum sections, black anodized
Handrail	black or colored

Specification

Model Type	**100**	**120**	**140**
Belt width A	1000 mm	1200 mm	1400 mm
Balustrade width B	1305 mm	1505 mm	1705 mm
Pit width D	1680 mm	1880 mm	2080 mm
Speed	standard: 0.65 m/s optional: 0.5, 0.6, 0.75 m/s		
Inclination	0°–6°		
Power supply	according to local requirements		
Controller	Miconic F microprocessor control		
Key switches	at both ends		
Stop button	at both ends		
Location	indoor, or outdoor covered		

Specifications and colors may be subject to alteration

Schindler

The Elevator and Escalator Company

www.schindler.com

WIF 90017E-10/01