



# Application Guide for Public Transportation When Moving Masses Means Individual Comfort.





# Resilience

**When a Multitude Means Each One Counts.**

We move people reliably, efficiently and quickly – with great care.





# A Proven Track Record

Public transportation infrastructure is a long-term investment. To deliver lasting value in a high-traffic environment, escalators and moving walks are expected to offer the utmost in reliable performance. Schindler has been moving passengers safely and efficiently for over half a century. Our rigorously tested, top-quality products and comprehensive services cover the wide-ranging needs of transportation facilities around the world. At the same time, Schindler's experience-based technological advances are one step ahead of the future demands of the sector.

## **Flexibility**

Together with a variety of options and special features, modular components enable customization to specific requirements.

## **Knowledge**

From project planning to installation, operation and maintenance, Schindler experts come up with the optimal solution at every stage.

## **Coordination**

Schindler project managers oversee all aspects of your project through to the final handover and startup.

## **Up to the Minute**

Schindler design and upgrade technologies are continually improved to maximize unit availability and provide a safe and comfortable ride.



# Schindler 9300AE-10 Transport

## The All-Rounder

The Schindler 9300AE-10 Transport escalator is geared to the high-capacity transportation needs of airports, railway stations, trade fairs and convention centers. Boosting retail revenue can be an integral part of running a public transportation facility. The Schindler 9300AE-10 Transport's distinctive looks, ease of use and dependable operation make shopping even more attractive. Schindler customers benefit from our many decades of experience in both public transportation and the commercial sector.

## Elegant on the Outside

Designed for rises of up to 8 m and speeds of up to 0.5 m/s, the Schindler 9300AE-10 Transport can be successfully integrated into any architectural setting. From the structural elements to materials, finishes and colors, an extensive range of standard design variants and options allows optimal harmonization.

## Reliability Within

Drive, chain and step system components, built to European engineering and quality standards, assure smooth performance and high availability.

## Selected Installations

France	Charles de Gaulle International Airport (Roissy), Paris
Malaysia	Kuala Lumpur Sentral Station
Greece	Athens International Airport
Spain	Metro Valencia
China	Beijing Capital International Airport
Turkey	Atatürk Airport, Istanbul



# Schindler 9300AE-20/30

## The Cost-Effective Solution

The Schindler 9300AE-20 escalator for mid-rise, mid-speed applications is well equipped to handle peak transportation loads. Engineered for rises of up to 13 m and speeds of up to 0.65m/s, the Schindler 9300AE-20 is a top performer at an affordable price. Its modular system of mechanical and electrical components makes it fully adaptable to individual specifications.

## Smooth Operation

The reduced chordal action of the 19-tooth step chain sprockets minimizes vibration and therefore wear and tear, even at rises of up to 13 m. The track and chain system with diverter sprockets was specially developed for extreme conditions in the public transportation sector.

## Safety at Higher Speeds

Larger transition curve radii and longer horizontal step runs safeguard passenger comfort at traveling speeds of 0.6 or 0.65 m/s. The Schindler 9300AE-20 can be ordered with transition curves of 1500/1000 mm, and with horizontal step runs of up to 1600 mm. With the Schindler 9300AE-30 variant, speeds of up to 0.75 m/s and transition curves of 2700/2000 mm are possible.

## Strong and Durable

Over 20 features are available to strengthen resistance to the effects of climatic conditions and vandalism.

## Selected Installations

Spain	AVE high-speed rail network stations in Madrid, Calatayud and Zaragoza
Greece	Suburban Railway (Proastiakos), Athens
The Netherlands	Amsterdam Arena stadium
France	Lyon Metro
China	Shanghai Metro, Line 3
China	Beijing Light Railway
USA	Chicago Blue Line rail station



# Schindler 9700AE-S

## Ready for Anything

The new Schindler 9700AE-S offers the best price/performance ratio for standard public transportation applications where step rollers outside the chain links are required.

Major public transportation facilities with their high volumes of round-the-clock passenger traffic can take an exacting toll on escalators. But for the Schindler 9700AE-S, extreme workloads are routine. High-quality component options meet most mass transit authority specifications for speed and extended lifetime.

## Attractive Design

Transparent, stainless steel or sandwich panel balustrades give the Schindler 9700AE-S standout appeal.

## Bring in the New

The reduction of the overall width to 1600 mm makes for an easy fit into existing pit dimensions. As a result, the Schindler 9700AE-S is the ideal replacement for older escalators that can no longer keep up the pace in a heavy-duty environment.

## Selected Installations

Deutsche Bahn railway system, Germany

Düsseldorf central railway station

Chorweiler Nord railway station, Cologne

Parkgürtel railway station, Cologne

Langendreer railway station, Bochum





# Schindler 9700AE

## Configured to Individual Requirements

The modular structure of a Schindler 9700AE escalator means that the required components can be adapted to any public transportation specification. Drives, chains, tracks and trusses are all tailored to customer needs.

The Schindler 9700AE escalators are suitable for ultra high-rise applications. They meet even the most demanding requirements for speed and product life, and conform to the most stringent regulatory standards (for example, the American Public Transportation Association [APTA], Italy's Ministerial Decree No. 295/1975, and the Hong Kong Code of Practice).

## Selected Installations

India	Delhi Metro, Line 1
USA	World Trade Center Restoration, New York
Hong Kong	MTR, Tseung Kwan O Line
Hong Kong	KCR, Ma On Shan Rail
Austria	Vienna Underground
China	Guangzhou Metro, Line 3



# Going the Distance: Schindler 9500 Moving Walks for Public Transportation

## **Optimal Price/Performance**

The Schindler 9500-35 moving walk is the most cost-optimized solution for transportation lengths of up to 100 m. Its short pallets are directly attached to the pallet chain, requiring fewer movable parts. This results in quieter operation and longer service life. Truss depths are extremely shallow, a major advantage in airport installations.

## **Ample Space to Manoeuvre**

The Schindler 9500-45 moving walk is designed for transportation lengths of up to 150 m. Pallet widths of up to 1400 mm allow users to safely overtake passengers with baggage carts.

## **A Clear Winner**

The Schindler 9500-55 moving walk for transportation lengths of up to 100 m runs virtually noise-free due to its unique rubber belt design and the absence of pallet chains and chain rollers. It represents the ultimate in reliability and ease of maintenance, while adding streamlined elegance to any environment.



## Schindler 9500: Selected Installations

### Schindler 9500-35

Germany	New Munich Trade Fair Centre
France	Charles de Gaulle International Airport (Roissy), Paris
Italy	Leonardo da Vinci (Fiumicino) Airport, Rome
Italy	Termini Railway Station, Rome
Czech Republic	Ruzyně Airport, Prague
Greece	Athens International Airport
USA	Logan International Airport, Delta Airlines Terminal, Boston
USA	Baltimore/Washington International Airport

### Schindler 9500-45

Hong Kong	KCR, East Rail, East Tsim Sha Tsui station
USA	Hartsfield-Jackson Atlanta International Airport
Germany	Munich Airport International
Belgium	Brussels Airport
Turkey	Atatürk Airport, Istanbul

### Schindler 9500-55

France	Paris Expo conference and exhibition center
South Africa	Johannesburg International Airport
The Netherlands	Amsterdam Airport Schiphol
Germany	Volkswagen Autostadt Wolfsburg
Switzerland	Zurich Airport

#### Disclaimer

The specifications, options and colors expressed within this brochure are indicative only and are subject to change without notice. They are not intended to, and do not, constitute an offer on the part of the Schindler Group.



# Schindler

## Reliable, moving, trailblazing

For generations, Schindler has been providing the finest elevator and escalator technology to architects and builders around the world.

The company was founded in Switzerland in 1874, and has grown to become the world's second largest elevator and escalator manufacturer, operating in more than 100 countries worldwide.

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

**[www.schindler.com](http://www.schindler.com)**