

KONE at the heart of your building

KONE is a global leader in providing complete and innovative solutions for the design, installation, modernization and maintenance of elevators and escalators and the maintenance of automatic building doors. Our 28,000 dedicated employees serve you in 49 countries.

KONE solutions and services are designed to provide a performance edge to our customers. By cooperating closely with you from the earliest planning stages of a project, we can determine the best means of ensuring the smooth flow of people and goods throughout your facilities during their entire lifetime.

KONE's space- and energy-saving machine-room-less, counterweight-less and double-decker elevator solutions are among the most innovative in the industry. Our modern escalator solutions offer absolute reliability and cost effectiveness. Our remote monitoring and modular modernization services allow for a proactive approach to maintenance and upgrades of your equipment. Life-cycle thinking underlies our commitment to reliable service and modernization solutions that meet today's higher design, safety, comfort, and performance standards.

KONE solutions can be found around the corner as well as in many prominent buildings around the world such as the Trump Tower in Chicago, Swiss Re and Broadgate Tower in London, National Grand Theatre in Beijing and the National Bank of Abu Dhabi. KONE is also the shipping world's preferred partner for on-board vertical flow management of people and goods.



KONE Public Transportation Solutions

WHEN RELIABILITY AND SAFETY ARE ESSENTIAL

More than the sum of its parts

Public transportation is changing fast. The volume of passengers keeps growing and new developments in technology are making traveling easier and more accessible for everyone. In a transit center combining a metro, train station, hotel and shopping center, for example, all the parts have to work together seamlessly. For KONE, this means providing help in operating an entire facility, not just an elevator or escalator. We provide a complete solution that is greater than the sum of its components.

One stop for non-stop service

Transit centers require an all-round partner, someone who can deliver a comprehensive solution. A good overall partner can offer many benefits:

- reliable cutting edge technology
- uncompromising safety
- low total lifetime costs
- dependable service
- environmentally friendly solutions
- a wide range of good products
- the know-how of a true expert.

Close to customers

This list has helped KONE to become known worldwide for manufacturing, installing, servicing and modernizing elevators, escalators and automatic doors. We've worked on hundreds of thousands of public buildings from the New York metro to Beijing Capital Airport establishing over 800 service centers in 49 countries. Read on and find out why.



Choose a partner who offers complete solutions.

Demand a partner who can service and modernize as well as manufacture and install.



Wonder what we'll think of next?

At KONE we are on a never-ending quest to lower energy consumption, maximize the efficient use of space, make our elevators and escalators more environmentally friendly and cut total lifetime costs. This is why we launch so many new products every year.

Farewell to the counterweight

First the KONE MonoSpace® eliminated the need for an elevator machine room. Then the KONE MaxiSpace™ eliminated the need for a counterweight. These innovations make it possible to install an elevator for up to 8 persons where previously you could only fit 4.

Goodbye machine pit

The revolutionary autowalk KONE InnoTrack™ eliminates the need for a machine pit. You can install it on finished floors, and even on above-ground floors. You can shorten it, lengthen it, change the color or even reinstall it somewhere else. All with little construction and minimal disruption to passengers. The first installation of this innovation is now in progress at Schiphol Airport in Amsterdam.

Great inventions are often ingeniously simple. Like the KONE InnoTrack™.



We take care so you won't worry.

We install tens of thousands of elevators each year and manage more than half a million elevators worldwide. This gives us experience and know-how that you can rely on for the construction and maintenance of your installation. But we deliver more than elevators and escalators – we supply and maintain comprehensive people-flow systems. For us, this is a long-term commitment.

Voices of experience

"We chose KONE as our business partner because they deliver top quality at an optimum price. It was important for us to have a partnership based on trust and open communication, as this is the only way to be successful together."

Norbert Knop,
CEO of the Purchasing Association,
Douglas Group

"The units installed have exceeded our expectations, and we appreciate the professionalism that KONE has demonstrated."

Art Andros,
Director of Development,
O'Hare International Airport

"As the world's largest airport operator, we demand outstanding value from our suppliers. KONE has proven to be a highly valued and committed partner on whom we rely exclusively to supply, maintain and modernize all BAA elevators, escalators and autowalks. KONE clearly shares our objective of helping people reach their destinations on schedule."

Tony Douglas,
Managing Director, Terminal 5,
Heathrow Airport

*You build a monument to last.
We feel the same way about our
elevators.*

High quality equals low costs

KONE provides low total cost of ownership throughout the lifetime of the installation. The initial investment is only part of the total cost. Over the lifetime of the product, other factors, such as energy consumption, become much more significant.

Space, time, money

The smooth ride of the space-saving KONE MiniSpace™ and MonoSpace® KONE elevators is due to the KONE EcoDisc® motor, which consumes very little power and needs no oil. This not only saves money, it also makes the elevator safer to use. The KONE EcoDisc also significantly reduces costs because it can reduce electricity consumption up to 60% compared with hydraulic elevators.

Quite often an airport transit center is combined with a hotel and office block. In high-rise buildings like this, the KONE Polaris™ destination control system can reduce overall times to the destination. It increases the handling capacity of an elevator group by 20 to 100% during peak periods. This is not at the expense of passenger comfort. Car loads are low – and passenger comfort is high – compared to elevator groups using a conventional control system.

KONE delivers 171 elevators, 13 escalators and 8 autowalks to the world's largest airport building, Beijing Capital Airport, China.





Peace of mind

A successful project is the result of careful preparation long before the ground-breaking ceremony and long-term service after the construction crews have gone. Based on our long experience, we can ensure a successful project, delivered on time and on budget.

From start to finish

Our work begins before the first elevator shafts go up on the building site. We start with a thorough assessment, with simulation and analysis to determine the optimum flow of people in, out and through the building. KONE's comprehensive handling capacity studies help match building size and traffic patterns with the type and number of elevators and escalators you need.

For your peace of mind after the completion of the project, a KONE eOptimum™ maintenance contract provides continuous monitoring of your elevators and escalator. In the KONE eOptimum™ extranet, you can view the contracts, performance and availability statistics, cost follow-up and repair requirements of your installation in real time.

Our mission is to get things done without getting in your way.



If you need it, we've got it

When you need a complete public transportation solution involving elevators, escalators or autowalks, KONE's wide range of products covers your requirements.

- Reliability
- Safety
- Stylish design
- Long design life
- Low energy consumption
- Environmentally friendly
- High quality
- Low lifetime costs

In the following pages you will find more information about our solutions. Do not hesitate to ask your KONE representative about how we can best answer your needs.

All of our elevators use both space and energy efficiently.



Elevators

Our elevators for both passengers and goods are highly reliable, energy efficient, environmentally friendly and space efficient. KONE's long experience and know-how makes it possible to fit them seamlessly together with your existing solutions.

Passenger elevators

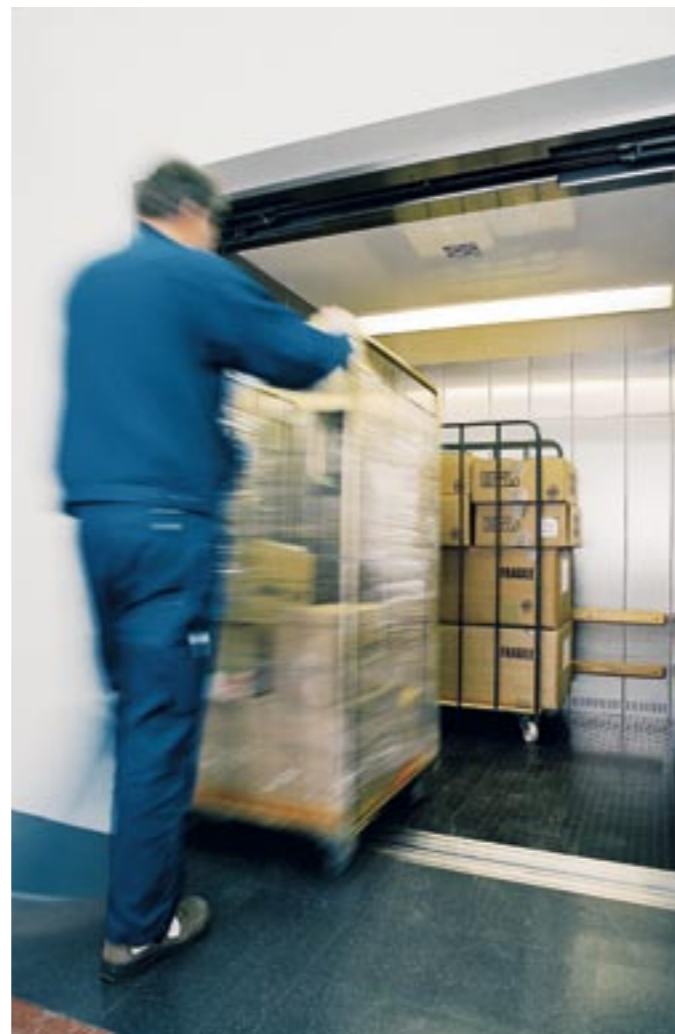
KONE elevators offer unsurpassed ride comfort and efficient traffic handling. Their stylish looks and variety of designs allow them to enhance the ambience of any building.

Basic characteristics	
Nominal load	8 - 17/21 persons, 630 - 1275/1600 kg
Travel	40/70 m
Speed	0.6 - 2.0 m/s

Goods elevators

Powered by EcoDisc® and needing no machine rooms, the KONE MonoSpace® and TranSys™ elevators have several advantages: low total lifetime cost, space saving machine-room-less solutions, easy integration into an existing building, low energy consumption, oil free operation, high safety and reliability and ease of loading and unloading.

Basic characteristics	
Nominal load	8 - 17/21 persons, 1000 - 5000 kg
Travel	up to 23 m
Speed	0.6 - 1.0 m/s



Escalators

Escalators are the ideal solution for transporting large numbers of people. KONE offers elegant and reliable escalators that perfectly match customers' needs. From retail to transit applications, our commercial and heavy-duty solutions combine cost-effectiveness and a high level of performance.

Commercial escalators

KONE's commercial escalators are an extremely durable and effective way to move large groups of people. They offer inviting and elegant design in addition to trusted KONE safety and reliability. They are typically found in the shopping, hotel or congress area of an integrated transit center.

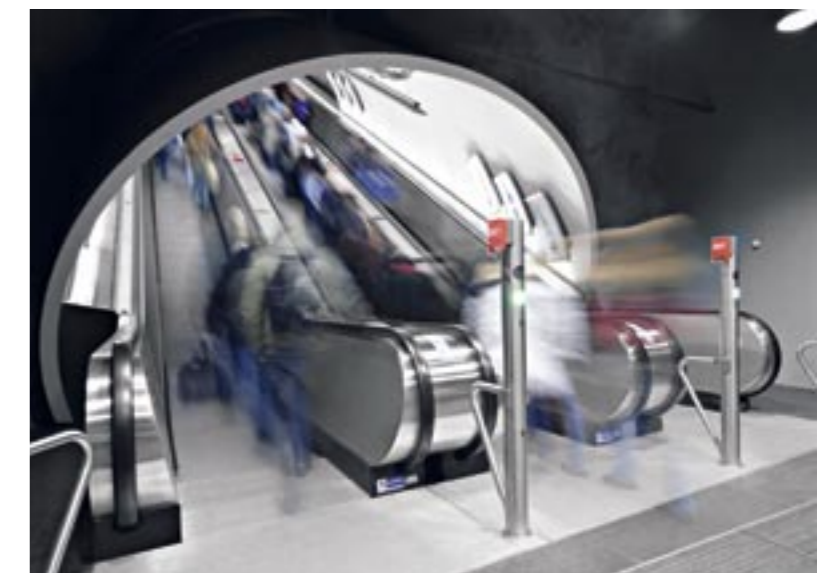
Basic characteristics	
Max vertical rise	2-9,5 meters
Step width	800/1000mm
Speed	0.5 m/s
Inclination	30° and 35°

Heavy-duty escalators

Our heavy-duty escalators are designed to enable the seamless flow of large numbers of passengers. Designed to last, their key benefits are reliability, safety and a low total cost of ownership. Heavy-duty escalators are ideal for metro and railway stations, hub airports and large exhibition centers and stadiums.

KONE TransitMaster™ escalators are examples of our very long and extensive experience in heavy-duty applications. They offer maximum performance and reliability in addition to being environmentally friendly.

Basic characteristics	
Max vertical rise	2 - 15 meters
Step width	600/800/1000mm
Speed	0.5, 0.65 and 0.75 m/s
Inclination	27,3° 30°



Autowalks

Autowalks are a simple and convenient way for people to move around in a large transit center, especially when they have luggage. They cut transit times and remove bottlenecks. KONE autowalks are designed to make them inviting to use.

Inclined autowalks

Inclined autowalks are the best way to direct the flow of large amounts of passengers with lots of luggage along different structural levels. They are found typically in train and bus stations connected to airports or other multi-level arrangements, where people are often carrying their luggage in trolleys.

Our inclined autowalks are available in different designs and options that accurately match the needs of each individual public transportation center.

Basic characteristics	
Max vertical rise	9 meters
Step width	800/1000mm
Speed	0.5 m/s
Inclination	10° and 12°

Horizontal autowalks

Horizontal autowalks are optimal for transporting large amounts of people in airports. They are convenient for people with luggage, are aesthetic and pleasant to use, prevent bottlenecks and cut transit times. Our autowalks are available in both commercial and heavy-duty designs to match the needs of the customer in terms of length, transport capacity, dimensions etc.

Basic characteristics	
Max length	250 meters
Step width	1000/1200/1400mm
Speed	0.5, 0.65 and 0.75 m/s
Inclination	Horizontal or up to ±6°



KONE InnoTrack™ autowalk

This revolutionary new autowalk can be installed on finished floors and even on above-ground floors. Because no pit is required, it is easy to transport, install, use, service, modify and re-install somewhere else. It can be

Basic characteristics	
Max length	60 meters
Step width	1000/1400mm
Speed	0.5 and 0.65 m/s
Inclination	Horizontal



KONE Worldwide

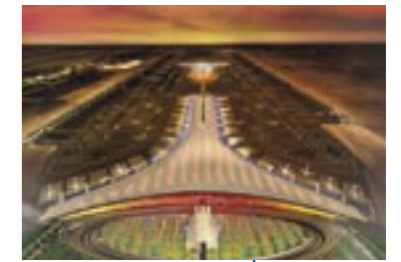
We have thousands of references. Here are just some of them.



New York Subway



London Underground



Beijing Capital Airport



Denver Airport



Schiphol Airport



Bangkok Airport

More KONE public transportation references

KONE Airport References

- Vienna Airport, Austria
- Montreal Airport (Trudeau), Canada
- Beijing Capital Airport, China
- Guangzhou Baiyun Airport, China
- Copenhagen Airport, Denmark
- Nice Airport, France
- Paris Charles de Gaulle Airport, France
- Cologne Airport, Germany
- Frankfurt Airport, Germany
- Munich Airport, Germany
- Malpensa Airport (Milano), Italy
- Schiphol Airport (Amsterdam), Netherlands
- Moscow (Sheremetyevo), Russia
- Dammam Airport, Kingdom of Saudi Arabia
- Riyadh Airport, Saudi Arabia
- Madrid Barajas Airport, Spain
- Zürich Airport, Switzerland
- Bangkok Suvarnabhumi Airport, Thailand
- London Heathrow, (BAA), UK
- Boston Airport, USA
- Chicago O'Hare, USA
- Denver Airport, USA

KONE railway and metro references

- Montreal Metro, Canada
- Shanghai Metro, China
- Helsinki Metro, Finland
- German Railways and Metro systems: Berlin, Frankfurt, Dortmund Essen, Bochum
- French Railways and Metro systems, Paris
- Budapest Metro, Hungary
- Delhi Metro, India
- Rome Metro, Italy
- Milan Railways, Italy
- Rotterdam Metro, Netherlands
- London Underground, UK
- Netherlands Railways: Amsterdam, Rotterdam, Netherlands
- Singapore LRT, Singapore
- Madrid Metro, Spain
- Stockholm Metro, Sweden
- SBB Basel, Switzerland
- Bangkok Light Rail System, Thailand
- Ankara Metro, Turkey
- CTA Chicago, USA
- SEPTA, Philadelphia, USA
- Washington Metro, USA