



Otis, the largest escalator and elevator company in the world, operates in more than 160 countries. Pioneering in escalator technology for 100 years. Pioneering in elevator technology for 150 years.

#### Otis...

...has a number of escalator plants, the largest in the world being in Stadthagen, Germany.

...is dedicated to the use of ecologically sound technologies.

...assembles and tests each escalator before shipment.

...assists the customer from the planning stage right through to the final installation.

...employs and trains only its own most highly qualified engineers.

...operates the world's largest network of branch offices and service centres, providing Otis Service 24 hours a day, 365 days a year.

...is committed to customer satisfaction in the long term by providing the best product and services in the market, for every requirement.

...has launched its latest escalator design to fulfill this commitment.



# OTIS

Otis reserves the right to make changes without prior notice.

**Otis 513 NPE** sets the new standard of escalators for heavy traffic. Its safety, robustness, reliability, availability and life time comply with the high requirements of the public transport sector in accordance with all international codes.

**Application** – Public transport with heavy traffic such as railway and bus stations, metros, fairs, airports, pedestrian under- and overpasses and other public transport, both indoor and outdoor.



▲ Sloped opaque stainless steel balustrade



**Design** – Different balustrade designs allow optimal adaptations to the application and architecture.

**Safety – Comfort** – The safety is optimized in the handrail entry and with the 1000 mm high balustrades. The vandal resistant sound isolated sandwich design used for the interior panels and the step chain manufactured by Otis guarantee low noise, reduced vibration and permits a comfortable and smooth ride.

◀ Vertical glass balustrade

**Environment** – The escalator Otis 513 NPE – known as "The Clean Escalator" is a product developed especially to comply with today's environmental requirements. The combination of high-class insulation for electrical components with protection of the material parts, the specific design of the balustrade and the tight welded bottom plate of the truss, allows the NPE to be regularly cleaned with a water hose. The oil separator collects and separates lubricants from the cleaning water.



**Options** – A large number of variations and a wide range of options such as maintenance free piezoelectric contact mat, halogen free wiring, non lubricated chain, automatic hand-rail tensioning and permanent monitoring allow the fulfillment of customer requirements.

◀ Intelligent graphic display

**Reliability and availability** – Otis 513 NPE's advanced technology – such as the programmable logic controller or microprocessor controller with variable speed converter, control panel to check the actual working conditions, interfaces for remote monitoring and control – corresponds to customer's requirements for safer operation, extended life time of components, even when facing heavy duty traffic, optimum availability and low operation cost requirements.



▲ Control panel



◀ Multifunction post

**Quality** – All components have been tested and proven. Systems and sub-systems have been designed within ISO 9001 certified procedures. Each escalator is assembled and tested before shipment.

**Otis 513 NPE – The new standard of escalators for heavy traffic – robust, reliable, environment and service friendly.**