**513 NPE Escalator**

**KEY BENEFITS**

**EXCEPTIONAL SAFETY**
Safety is built into every product through a steadfast dedication to innovation.

**SOLID RELIABILITY**
Otis designs and rigorously tests all components to ensure an average life expectancy of more than 20 years before major overhauls.

**EASE OF MAINTENANCE**
Service-friendly design, control-box diagnostics, and rapid parts availability cut maintenance downtime.

**SPACE-SAVING DESIGN**
Otis 513 NPE’s compact profile is specifically engineered to make the most efficient use of critical space.

**ENVIRONMENTALLY RESPONSIBLE**
Otis meets today’s environmental requirements with ecologically sound materials and reduced energy consumption.

**SUPERIOR SERVICE**
A worldwide network of dedicated part centers ensures quick response and maximum operational time.

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**KEY FEATURES**

**Listening to our customers**
Otis recognizes that public transportation demands the utmost in safety, robustness and reliability. In addition, if a breakdown does occur, spare parts and exceptional service must be readily available to minimize downtime. Otis 513 NPE represents a rigorously designed solution that meets these key requirements.

**Engineered for safety**
Otis is serious about safety. The tapered handrail entry box enhances safety by ensuring that nothing but the handrail itself can approach the critical zone, reducing the risk of entrapments and nuisance shut downs. The minimal gap between the skirt and the moving tread increases safety. The one-piece, die-cast aluminum steps have cleated treads and risers that mesh with each adjacent step eliminating multiple parts to further enhance safety. Our innovative deflector devices — standard on all our escalators — feature nylon bristles that gently guide passengers away from the gap between the skirt panel and the moving tread, adding a measurable degree of safety.

**Solid reliability**
Otis follows a unique ‘Passport’ program that establishes rigorous checkpoints, from planning and development to manufacture and installation. To ensure maximum reliability, each unit is completely assembled and thoroughly tested before it leaves the factory. The main components are tested in full accordance with ISO 9001 and ISO 14001 certified procedures to ensure an average life expectancy in excess of 20 years between major overhauls.

**Exceptional performance**
Otis 513 NPE’s advanced technology is designed to extend the lifetime of components’ heavy traffic environments. The control panel allows monitoring of actual working conditions. Interfaces for remote monitoring and control provide for safer operation. The V-shaped handrail provides better handrail drive traction and more reliable performance.

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Caption Text Caption Text
Meticulous implementation
A dedicated team of Otis specialists guides each project from planning to final installation. Delivery and installation are rigorously managed, assuring quick, safe, trouble-free integration with the overall project plan. Otis follows up each implementation with a detailed maintenance program that sets the standard for the industry.

A wide array of options
Special options for the public transport environment include code-compliant wiring and corrosion-resistant galvanized trusses. A variety of balustrade designs allow optimal adaptations to architectural and application requirements. Other options include a maintenance-free piezoelectric contact mat, halogen-free wiring, non-lubricated chain, automatic handrail tensioning, and permanent monitoring. Otis 513 NPE also provides options to customize the escalator-control system for central monitoring and operation and networking functionality.

Environmentally responsible
Otis is committed to environmental responsibility. We offer variable frequency drives and intermittent operation packages that not only reduce energy consumption during off-peak times, but also prolong the lifetime of the product. All exposed, applied finishes use a non-toxic powder coating technique that is environmentally friendly and extremely durable. Moreover, with its reduced power consumption and 90 percent recyclable materials, Otis 513 NPE has a reduced impact on the environment.

Unrivaled service and support
Otis is the largest escalator and elevator company in the world, operating in more than 200 countries and territories. With more than 1.2 million elevators, escalators and moving walkways installed worldwide, Otis has always been at the forefront of the industry.

We view our relationship with our customers as a long-term partnership. From planning through installation, the entire Otis team is committed to customer satisfaction. With the world’s largest network of branch offices and service centers, our highly trained staff — supported by state-of-the-art technology — provides service 24 hours a day, 365 days a year.

For more than 150 years, Otis has earned the trust and confidence of its customers through an unswerving dedication to safety, innovation and service.

Specifications

| Step widths: | 800 and 1000 mm |
| Inclines: | 27.3, 30 degrees |
| Maximum rise: | 13.0 m (max. 16.0 m available on contract basis) |
| Speeds: | 0.5, 0.65, 0.75 m/s |
| Arrangements: | single, side-by-side, scissor, criss-cross |