

The heart of your building™



MODULAR MODERNIZATION SOLUTIONS

KONE Hoisting Solutions



Value for your building

The purpose of KONE modernization solutions is quite simple: to increase the value of your building by keeping the elevators and escalators running safely and reliably for the lifetime of your building.

KONE, a world leader in people-flow management, has created an impressive portfolio of modernization tools and processes. With the KONE Care for Life™ service, KONE conducts a full analysis of your current installation and prepares a modernization plan to raise the elevator to modern standards of performance, safety, aesthetics and accessibility.

To suit the modernization needs identified by the KONE Care for Life™ service, KONE can offer

modernization solutions ranging from individual elevator parts, to modernization packages, to full replacement solutions.

KONE can offer two approaches for hoisting unit modernization. It can either replace the existing hoisting unit with one having similar characteristics, or it can apply the latest KONE EcoDisc® or KONE PowerDisc™ hoisting technology while modernizing the electrification system. The gearless KONE EcoDisc® and KONE PowerDisc™ solutions provide lower energy consumption, improved ride quality, reduced demands on building space, and greater reliability.

The value of performance

The hoisting unit includes the most hardworking components of your elevator, and the most important ones. Replacing a worn, outdated hoisting unit is vital for safety.

KONE modular modernization solutions for hoisting units cover the whole range of elevators, traction elevators as well as hydraulic elevators. KONE hoisting unit solutions are designed in product families; all members of the family have the same design concept, but they vary in their dimensions, loads and duty ranges, in order to suit every application when replacing old equipment.

All KONE hoisting unit solutions meet the latest technical norms and safety standards. The brakes in the traction elevator gears are made of two independent arms with asbestos-free linings. In case one arm malfunctions, the other one can still brake the car safely. Significantly better leveling accuracy is ensured by the new brakes, traction sheaves and gear.

KONE hoisting unit solutions are specifically designed to reduce running noise. The traction elevator gears are equipped with special insulating polyurethane shock absorbers. In a hydraulic elevator, the riding noise is reduced by utilizing special viscosity oil.

KONE hoisting unit solutions are designed for a lifetime of at least 25 years, operating 8 hours a day, 365 days a year. The gears are fitted with highly-efficient asynchronous motors, specially designed for elevators, with built-in thermal protection sensors. They also use long-lasting traction sheaves, made of high-quality spheroidal graphite iron.

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 29,000 dedicated employees serve you in 49 countries.

KONE cooperates closely with you from the earliest stages of a project in order to ensure the smooth flow of people and goods throughout your facilities for their entire lifetime. Life-cycle thinking underlies our commitment to proactive, reliable service and modernization solutions. KONE serves you locally as well as globally, for example in the Trump Tower in Chicago, Swiss Re in London and Beijing International Airport.

KONE Corporation
www.kone.com