

Dedicated to People Flow™

A man and a woman are walking together in a modern hallway with wood-paneled walls. The man is on the left, wearing a light-colored striped shirt and dark trousers, holding a white suitcase. The woman is on the right, wearing a light blue blazer and wide-leg trousers, carrying a brown shoulder bag and a large brown duffel bag. They are both smiling and looking at each other.

Modular Modernization Solutions

The purpose of KONE modular modernization solutions is quite simple:

to increase the value of your building by keeping your elevators running safely and reliably for the lifetime of your building.

- Have you been told that parts are no longer available or hard to find because your equipment is obsolete?
- Are you experiencing increased downtime that requires repair of your existing valve or other hydraulic components?
- Do you experience inaccurate leveling in either the up or down direction?
- Is your elevator prone to uncomfortable starting or stopping?
- Do passengers experience long waiting times?
- Does your equipment make noise or vibrate when traveling amongst floors?
- Are the elevator fixtures unreliable, unattractive or result in passenger dissatisfaction?
- Does your elevator require upgrading to meet current safety regulations?
- Has accessibility been considered for those with disabilities?



If you find yourself experiencing these types of issues, an upgrade from KONE can eliminate your concerns – improving performance, aesthetics, safety and accessibility.

Performance

Reliable, efficient and continuous operation is important to ensure smooth people flow in the building. It also saves energy and makes maintenance costs more predictable.

Aesthetics

First impressions matter – and the elevator is often the first thing tenants or customers see when they enter the building. Contemporary design and quality materials improve the image of the building.

Safety

Safety means more than conforming with local laws and norms – though that is important. Minimizing potential risks is the goal, and the end result is peace of mind for staff, tenants and visitors.

Accessibility

Good accessibility makes the equipment safer and more convenient for all users, including people in wheelchairs, families with children or people with large items. Improved leveling accuracy, modern door protection devices and state-of-the-art control technology combine to improve passenger comfort.

KONE offers modular modernization solutions for all your hydraulic and traction elevator needs...

1 Fixtures

KONE offers a variety of fixture designs and cover plate material options to complement your building's design scheme or existing decor.

2 Infrared Door Obstruction Device

Modernization of the door operating system can also include an infrared door obstruction device. Elevator doors reopen the instant a beam is broken, virtually eliminating the chance of door contact with passengers or property.

3 Control System

Installing a new controller, based on the latest in control technology, offers dramatic improvements in the levels of safety, reliability, performance and economy. Our technological leadership allows us to offer the most reliable microprocessor-based control systems available.

Energy Efficiency

The new controller will include an inverter-type drive system. This operates in conjunction with an efficient AC motor to provide superior levels of energy efficiency.

4 Power Unit

The power unit integrates the pump, motor and an upgraded valve design in a single unit. By installing a new power unit with the valve upgrade, you can eliminate rough starts and stops, enjoy a smoother ride with more accurate leveling and dramatically reduce noise levels.

5 ADA and Local Code Compliance

Projects that include new fixture systems will be configured to meet applicable regulations of the Americans with Disabilities Act (ADA) and the ADA Accessibility Guidelines (ADAAG).

When your system is modernized, you can be sure it will comply with the most current interpretation of ADA and ADAAG requirements, as well as local, municipal, and/or state building and elevator codes.

6 Door Operation Upgrade

Many elevator trouble calls are door-related. A new door operator provides safe and silent door operation, and a variety of car and hoistway door upgrade packages are also available.

7 Cylinder

A replacement cylinder incorporates a safety bulkhead design and a sealed PVC casing to provide additional protection and reduce the risk of electrolysis.

8 Hoisting Machine

The hoisting machine integrates a high-speed motor, coupled with a reduction gearbox, to drive the elevator traction ropes.

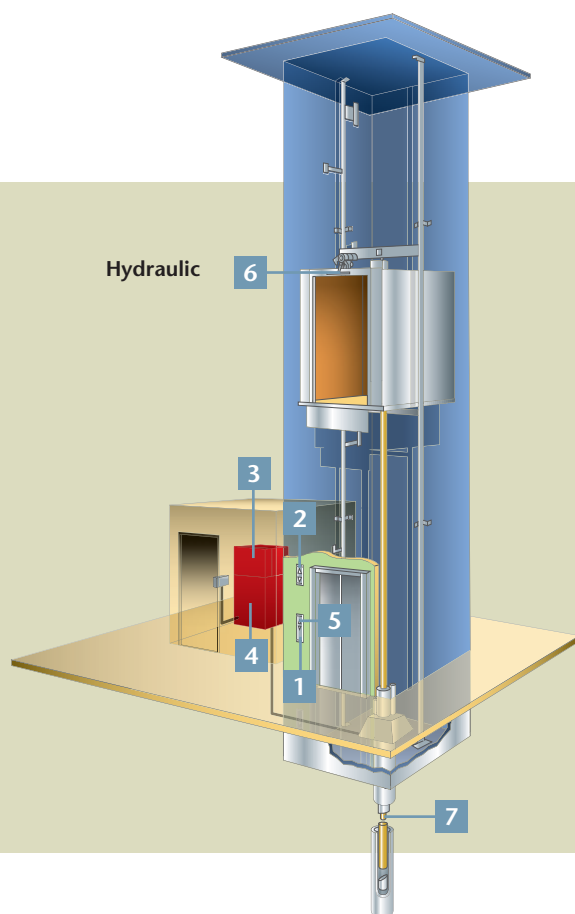
A modular modernization can replace the entire hoisting machine if necessary, or the existing motor can be changed to an energy-efficient AC motor if the basic machine is still in good condition.

Rope Gripper

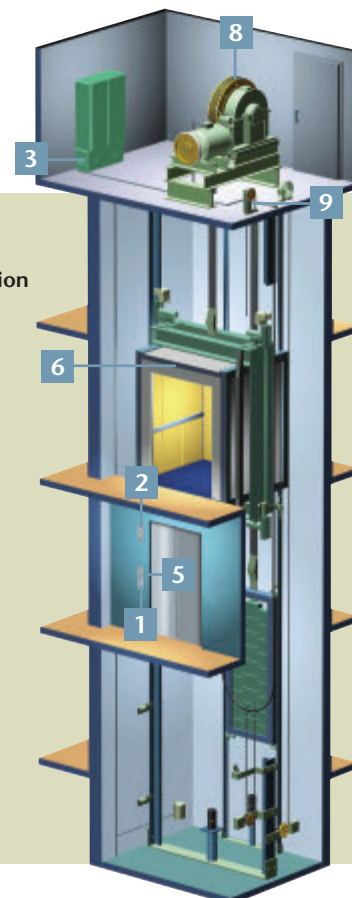
A rope-gripping device will provide the necessary protection against unintended elevator movement, to satisfy additional safety measures required when modernizing geared traction elevators to the latest safety codes.

9 Overspeed Governor

KONE can provide a new overspeed governor, which will independently monitor the speed of the elevator operation. This will both electrically and mechanically force an elevator to stop in the unlikely event of an overspeed situation developing.



Hydraulic



Overhead Traction



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