








MODERNIZATION UPGRADE PACKAGES

KONE MiniSpace™ elevators

IT'S TIME TO TAKE A FRESH LOOK AT YOUR KONE MINISPACE™ ELEVATOR

Time takes its toll – even on elevators. After years of reliable service and countless rides, your KONE MiniSpace elevator requires a little rejuvenation. In the years since your KONE elevator was installed, we have made important technical advances to enhance its safety, performance, energy efficiency, comfort and general appearance. We have a wide range of quick-to-install modular upgrade solutions to suit all needs and budgets, covering the following key areas.

BENEFITS	▼ UPGRADE PACKAGES
 <h3>Increased performance and reliability</h3> <p>You can also make significant improvements to your elevator's performance and reliability. We can for example change your elevator's car door operator while increasing the performance and reducing call outs.</p>	<ul style="list-style-type: none">▶ Electrification upgrade▶ KONE ReNova™ car door upgrade▶ Brake noise reduction kits
 <h3>Uncompromised safety and peace of mind</h3> <p>Safety is of course always a priority, and it's the details that matter. Voice announcer alerts users to opening and closing doors, and a voice link provides a direct two-way communication link between a passenger in the elevator car and the KONE Customer Care Center.</p>	<ul style="list-style-type: none">▶ Electrification upgrade▶ Voice Announcer▶ Two Way Voice link▶ Uncontrolled Car Movement detection
 <h3>Optimized energy efficiency</h3> <p>Our upgrades deliver energy-efficient improvements that enable significant savings. Installing a regenerative drive module and new LED lighting with standby solutions can reduce your energy costs up to 50%.</p>	<ul style="list-style-type: none">▶ Electrification upgrade▶ Regenerative drive is a standard feature▶ LED car lighting
 <h3>Unique design</h3> <p>Our highly reliable signalization system provide a stylish, updated look.</p>	<ul style="list-style-type: none">▶ Signalization upgrade
 <h3>Enhanced accessibility</h3> <p>Making sure all passengers can use your elevator smoothly and safely is important. Installing a new drive improves leveling, and upgrading the elevator doors enhances accessibility.</p>	<ul style="list-style-type: none">▶ KONE ReNova car door upgrade▶ Electrification upgrade



Challenge:

- Your elevator's ride comfort and leveling accuracy may have deteriorated over time, or there may be new requirements that your existing equipment simply cannot meet.

Solution:

- Complete modernization package for the elevator's electrification systems. Custom designed for KONE MiniSpace installations the new electrification can be easily expanded to cover any new elevator requirements.

Benefits:

- Maximum reliability and performance, improved ride comfort, and accurate leveling enabled by modern drives.
- Eco-efficient performance associated with today's elevator installations. Idle and standby modes combined with improved drive efficiency reduce energy consumption, every upgrade comes with an energy saving regenerative drive as a standard feature.



Challenge:

- Older signalization systems can suffer from technical problems, present accessibility challenges, and may also look outdated and worn. Clear guidance is critical for all passengers, but particularly those with visual impairments.

Solution:

- KONE's wide choice of signalization families combines clear and simple features, good visibility and easy accessibility with a sophisticated design.

Benefits:

- Modern signalization that complies with latest accessibility & safety code.
- Reliable operation that minimizes elevator downtime.



KONE MINISPACE™ CAR UPGRADE



Challenge:

- Poor or broken car lighting, a lack of clear guidance, and the absence of a voice communication system are common complaints from elevator users and can create a negative impression of the building to your tenants or visitors.

Solution:

- The replacement of the car lighting with modern LED lighting providing improved the lighting levels within the car. Voice communication based on GSM technology removes the need to separately manage phone line connections to the elevator.

Benefits:

- Long-life, energy efficient LED lighting that reduces repair-related elevator downtime and costs.
- Voice link system that provides a direct two-way communication link between elevator passengers and the KONE Customer Care Center in the event of emergency.

KONE MINISPACE™ CAR DOOR OPERATOR UPGRADE



Challenge:

- Car and landing doors account for more than 50% of the reliability issues found in existing elevators. The average door operator will perform millions of openings and closings during its lifetime, and will eventually need replacing.
- Erratic and inconsistent door operation, high levels of noise, and lack of door reversal devices are all signs of an aging door system.

Solution:

- KONE's replacement door operator ensures quiet opening and closing and feature fully adjustable operation speed to suit the needs of your building.

Benefits:

- Reliable door operation that improves performance and traffic handling.
- Modernization solutions ranging from the replacement of key components to replacing the complete door system.
- Modern light curtain object-detection system that improves door safety.

KONE MINISPACE™ MACHINERY UPGRADE



Challenge:

- Changes in your building's configuration may mean that tenants are located closer to the source of elevator machine brake noise than originally intended. In addition, older-generation elevators may not be fitted with the latest brake safety devices.

Solution:

- Our latest generation brake technology includes improved brake modules and noise dampening materials
- The car is also monitored for uncontrolled movement and ascending car overspeed, in the event of detection the elevator is brought to a controlled stop.

Benefits:

- Improved brake modules reduces brake noise for tenants.
- Uncontrolled movement and ascending car overspeed protection improves the end user safety and is compliant with the latest safety codes.

UPGRADING YOUR KONE MINISPACE™ ELEVATOR

A SEAMLESS PROCESS

Whatever options you select, our experts ensure that the entire upgrade process proceeds smoothly from start to finish – most upgrades are completed within a few days. Our goal is that your elevator runs in the most efficient, safe and comfortable manner for years to come.

THREE EASY STEPS TO YOUR UPGRADED ELEVATOR

1 RECOMMENDATION OF UPGRADE



2 INSTALLATION OF NEW COMPONENTS



3 COMPLETION AND QUALITY INSPECTION

Installing a regenerative drive module and new LED lighting with standby solutions can reduce your energy costs up to 30%.



KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 52,000 dedicated experts to serve you globally and locally.

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