

Dedicated to People Flow™



A NEW LEASE ON LIFE FOR YOUR OLD HYDRAULIC ELEVATOR

KONE HydroMod™ 200

Is it time to take a closer look at your elevator?

A hydraulic elevator installed in the 1970s or 80s may be in need of a major modernization.

A modern solution improves safety and reliability. It can reduce energy consumption and provide a smoother, safer ride. And it can add value to your building.

New life for your old hydraulic elevator

Mechanical wear or a worn-out pump or valve block can mean that your hydraulic elevator is frequently out of order. This is not only inconvenient for building residents, it also increases maintenance costs. An old power unit may move jerkily, creating an unsafe feeling for passengers. A shabby interior or a smell of oil can detract from the value of your building. There may be problems of leveling accuracy, where the elevator does not stop level with the landing floor. Just a few centimeters can cause accidents.

If your elevator has some of these issues, the KONE HydroMod™ 200 can provide significant improvements. Its reliable operation reduces repair and maintenance costs. Its new hydraulic machinery can considerably improve safety. A new electrification system reduces energy consumption and improves safety. A modern elevator provides a smooth, quiet ride, and it meets the latest safety and accessibility codes.

A smoother, more comfortable ride

KONE HydroMod 200™ provides a much smoother ride for passengers. The modernized elevator will accelerate smoothly and decelerate smoothly and stop accurately.

Some things to look at in your old elevator:

- **Is the elevator often out of order?**
A modernized elevator reduces repair costs.
- **Does it move bumpily?**
A new power unit improves comfort and safety.
- **Is it based on outdated technology?**
A new solution saves electricity and meets the latest safety codes.
- **Is there a smell of oil in the stairwell?**
Does the elevator look shabby?
A modern elevator adds value to your building.



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A smoother ride is a safer ride

KONE HydroMod™ 200 features the latest generation of elevator control technology together the latest generation of hydraulic power units. This combination ensures the highest possible levels of ride comfort regardless of car loads or operational temperatures. Operational noise is also reduced thanks to modern drive technology, this in turn adds benefits to those who are located adjacent to the elevator machine room.

Increasing safety

KONE HydroMod™ 200 delivers further benefits in the area of passenger safety; increase accuracy of elevator floor levelling can prevent accidents that can often occur when the elevator does not stop level with the landing floor. The modernized components comply with EN81-20 code and additional safety protection is incorporated into the offering as standard to prevent uncontrolled car movement in the unlikely event of sudden pressure loss.

Saving energy

A new elevator control system and power unit can reduce electricity consumption significantly. You can gain further energy saving with eco-efficient LED lighting and standby systems that switch off the car lighting and ventilation fans when the elevator is not in use. Furthermore traditional hydraulic elevator systems require large amounts of heating and cooling to maintain oil temperatures within optimal ranges, with KONE HydroMod™ 200 a greater number of elevator starts can be achieved without the need for additional machine room heating and cooling resulting in further energy saving for the building.

Faster installation

KONE HydroMod™ 200 uses technology that is capable of “self-learning” the existing elevator characteristics this can reduce the final commissioning of the elevator by up to 70%. The installation is completed by KONE professionals, who ensure that the project is done efficiently, on time, on budget and with the minimal disturbance to occupants of the building. Typically KONE HydroMod™ 200 installations can be completed within a few working days.

A whole new look

In addition to the KONE HydroMod™ 200 KONE can offer a wide range of options to brighten up the look and feel of the elevator. A modern looking elevator creates a lasting first impression on visitors and can add perceived value of your building. Contact your KONE representative to find out more.

KONE HydroMod 200 technical data

Max. speed	Up to 1.0 m/s
Capacity	Up to 1000 kg
Max. travel	22 m
Max. floors	8 (16, when TTC)
Group size	3 elevators
Max. starts/h	200 (with cooler)
Drive system	Electrically controlled valve
Pump capacity	Up to 500 l/min
Code compliancy	EN81-20*

*Applies to the modernized components

Examples of components of KONE HydroMod 200:



KCE hydraulic controller



Power unit



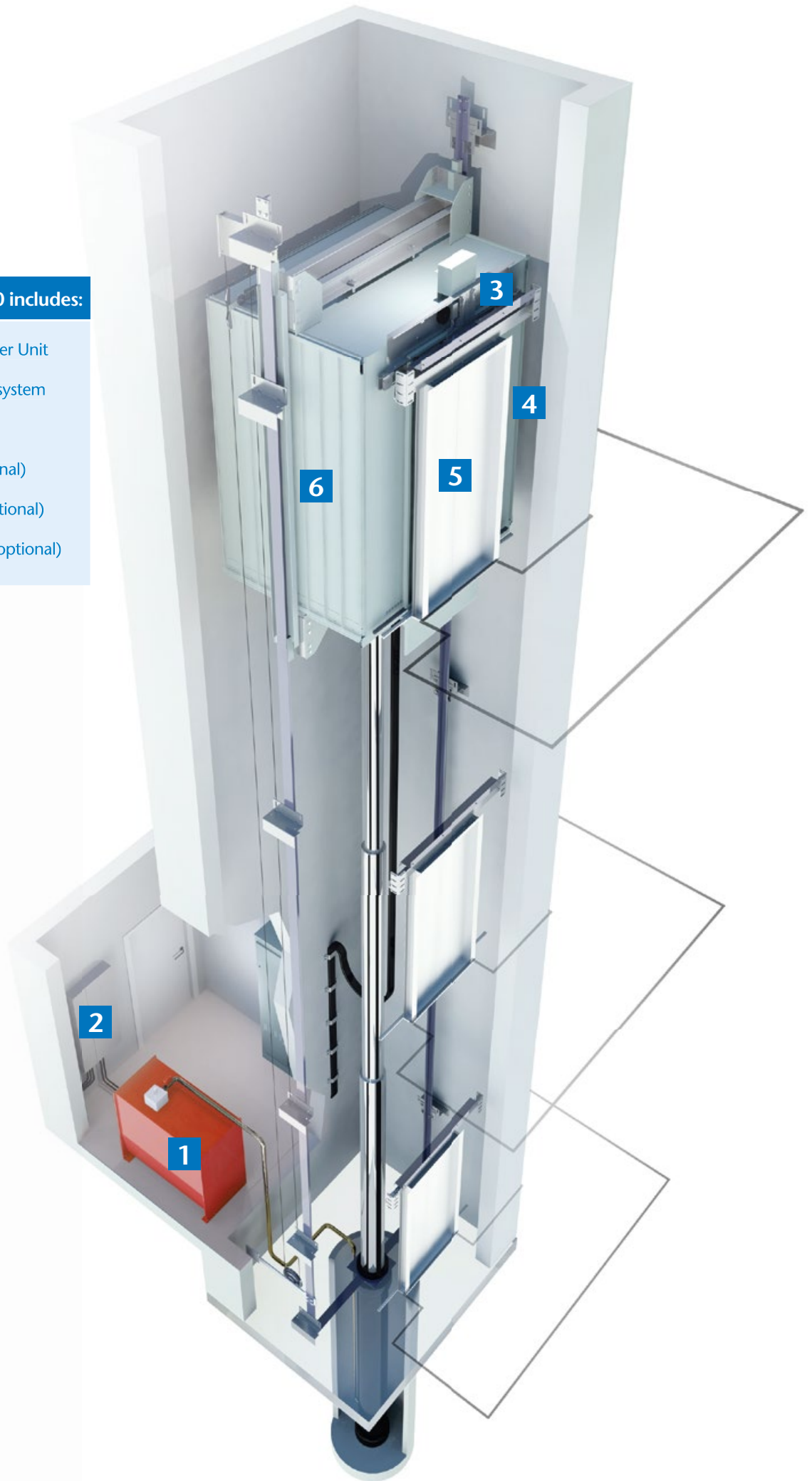
iValve 250



iValve 500

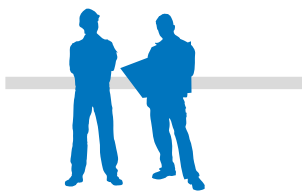
KONE HydroMod 200 includes:

1. KONE Hydraulic Power Unit
2. KONE electrification system
3. Signalization
4. Landing doors (optional)
5. Elevator car door (optional)
6. Elevator car interior (optional)



We support you every step of the way

We make the entire modernization process as efficient and convenient as possible.



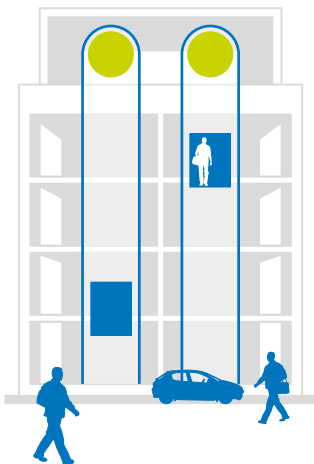
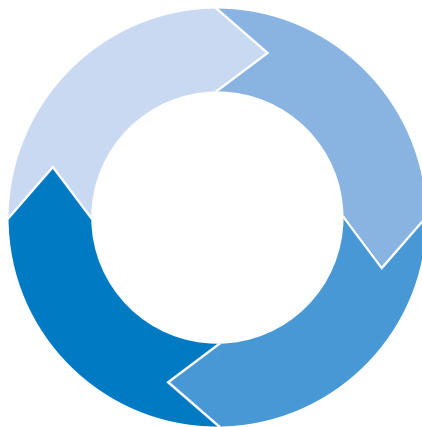
STEP 1: Planning

Every KONE installation project has an experienced Project Manager in charge. With the KONE Care for Life™ analysis, they assess the condition of your existing hydraulic elevator and determine the best solution.



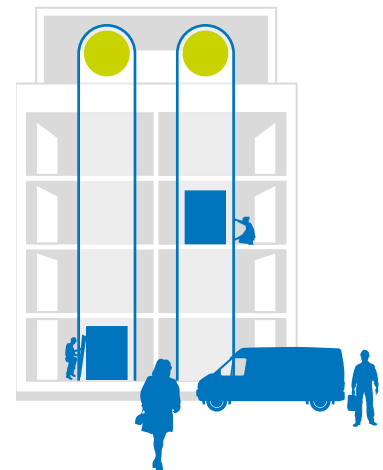
STEP 2: Site Survey

Before the project begins, the KONE Project Manager carries out a detailed site survey in order to ensure the project is completed safely and on time.



STEP 4: Completion

When installation has been completed, KONE performs the final safety and performance inspections before handover to the client. To ensure long-lasting reliability, KONE service technicians provide preventive maintenance services.



STEP 3: Installation

KONE technicians protect the floors and walls of the building to ensure that no damage is caused during the project. They provide safe access routes and keep residents informed, using the InfoMod service, about how the work is progressing. KONE also ensures safe, environmentally-friendly removal, disposal or recycling of the old equipment and hydraulic oil.



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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 50,000 dedicated experts to serve you globally and locally.

KONE Corporation
www.kone.com