

KONE provides innovative and ecoefficient solutions for elevators, escalators 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 lifecycle 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 innovations such as KONE MonoSpace® and KONE UltraRope®.

KONE employs close to 60,000 dedicated experts to serve you globally and locally.

KONE India, with a nation-wide network and over 5,000 employees, is committed to its customers for the entire life cycle of its each and every product.

KONE Elevator India Private Limited

Factory & Registered Office:

Plot No : A 28, SIPCOT Industrial Park,
Pillaiakkam, Sriperumbudur Taluk,
Kancheepuram District – 602105.

Corporate Office:

Prestige Centre Court, 9th Floor,
The Forum Vijaya Mall, No.183, NSK Salai,
Arcot Road, Vadapalani,
Chennai - 600 026. India
Tel.No +91 44 6625 4000

Toll Free Service Number:

1800 108 1234 / 1800 425 4254

Details to be filled in

Contact person:

Tel. No:

Visit us at www.KONE.in



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to visit the official
webpage

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GEARLESS ELEVATORS FOR LOW-RISE RESIDENTIAL BUILDINGS

KONE A MonoSpace®

KONE A MiniSpace™

COMFORT WITHIN REACH

KONE A MonoSpace®
Machine-room-less elevators

KONE A MiniSpace™
Elevators with compact machine-room



KONE A MonoSpace®

Save on space Splurge on comfort

Presenting KONE A MonoSpace®, designed exclusively to meet the elevator needs of low-rise residential buildings. KONE A MonoSpace® effectively combines advanced technology with latest features that brings comfort within everyone's reach. While users experience remarkable ride comfort, building owners get an economical solution with multiple savings.

It is an ideal choice of real estate developers because of its machine-room-less gearless design and savings on space, construction cost and time.

Advantages of KONE A MonoSpace®

- Gearless technology delivers better ride comfort
- Aesthetic design that is pleasing to the senses
- Utilizes less energy than geared machines
- Saves construction time, cost & space
- Improved safety



| KONE A MonoSpace® | |
|-------------------|------------------------|
| Application | Machine-room-less |
| Speed | 0.63 m/s |
| Max Travel | 20 m |
| Max no. of stops | 8 |
| Max Load | 544 kgs |
| Persons | 5, 6 & 8 Passengers |
| Max Group Size | 2 |
| Control System | Full / Down Collective |

KONE A MiniSpace™

Say Good-bye to Geared Elevators

Presenting KONE A MiniSpace™, designed to meet the elevator requirements of low-rise residential buildings. A MiniSpace™ brings the comfort of the gearless technology to your buildings when compared to conventional geared machines, the gearless KONE EcoDisc® improves the elevator performance.

With KONE A MiniSpace™ Comfort is within reach now

- Better ride comfort as compared to geared technology
- Economical solution for low-rise residential buildings
- Utilizes less energy than geared machines



| KONE A MiniSpace™ | |
|-------------------|------------------------|
| Application | Compact machine-room |
| Speed | 0.63 m/s |
| Max Travel | 30 m |
| Max no. of stops | 12 |
| Max Load | 544 kgs |
| Persons | 5, 6 & 8 Passengers |
| Max Group Size | 2 |
| Control System | Full / Down Collective |



NEOPD001

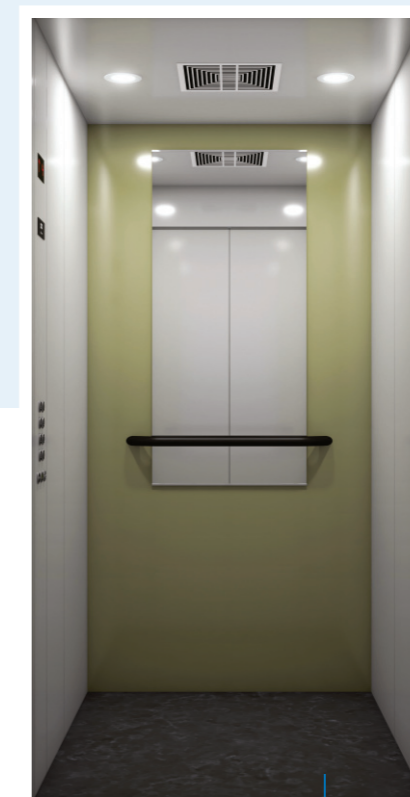
Car Designs that elevate your senses

KONE A Series is available in refreshing new designs, making them attractive to the users of all low-rise residential buildings.

- Color options with dual finish
- Aesthetically designed LED spot light
- Durable materials and accessories
- Full stainless steel car option available



NEOPD002



NEOPD003



NEOSS004

Improved Safety

- Equipped with center opening power door with car door lock as a standard feature, the emphasis is on a stress-free experience for the user.
- Precise levelling and other options like Automatic Rescue Device ensure a high level of user safety and Fire rated landing door protection against fire.



Accessories that add to the comfort

▼ Signalizations

KDS 50 (For CH2100 mm)

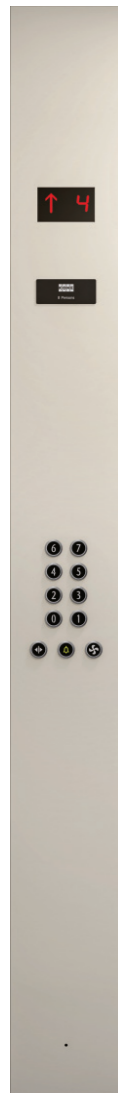
COP

Landing Devices

Surface mounted design



Simplex LCI Duplex LCI



Full Height COP
7 Segment - Red 38mm

KDS 90 (For CH2200mm)

COP

Landing Devices

Surface mounted design



Simplex LCI Duplex LCI



Full Height COP
7 Segment - White 38mm

Flush mounted design



Simplex LCI Duplex LCI

▼ Floor (PVC) Local flooring available as option (Customer scope)



Dark grey marble pattern floor design

▼ Hand rail

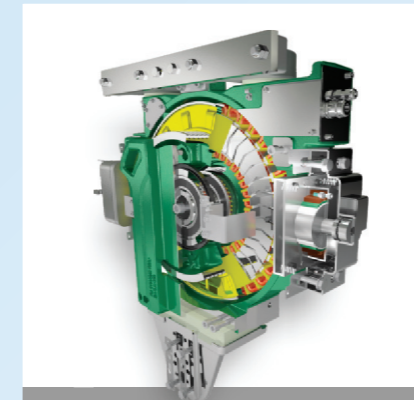


Round hand rail
Powder coated traffic black
(HR 64S)

Round hand rail
Hairline stainless steel
(HR 64S)

The machine-room-less technology that benefits all

KONE A MonoSpace®

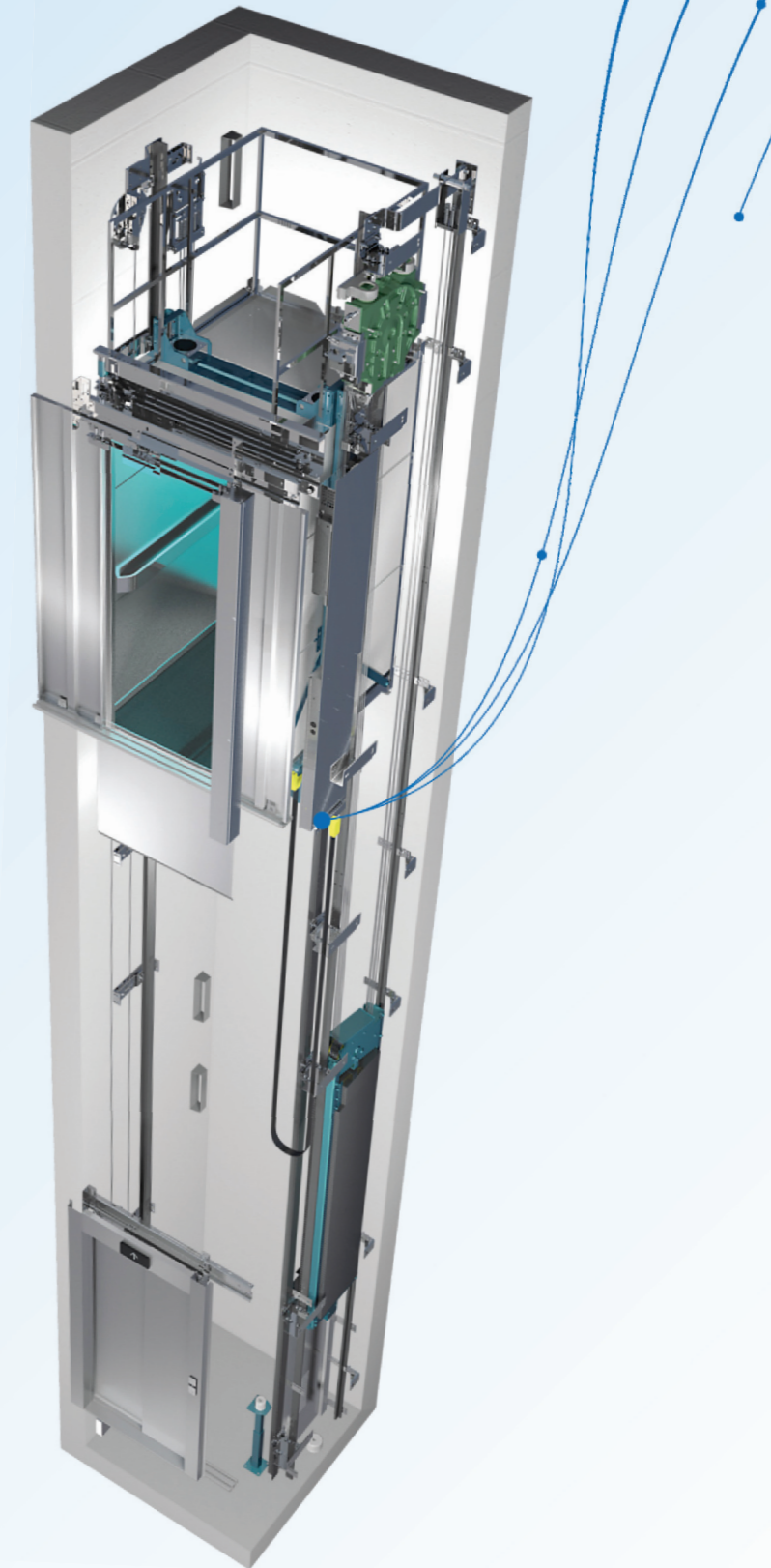


KONE EcoDisc® the pioneer in gearless Machine-room-less technology

KONE A MonoSpace® is powered by KONE EcoDisc®, a proprietary machine-room-less, gearless technology that revolutionised the elevator industry. This gearless solution consumes less power which means smaller back-up generators for residential projects. It also results in zero losses due to inefficient gears, resulting in saving running energy costs while ensuring smooth, safe and comfortable rides every time.

Smaller carbon footprints.
Better urban living.

Awarded the CDP's prestigious A List, ecovadis platinum medal and FTSE4Good Index Series



Compact machine room with gearless machine

KONE A MiniSpace™

The KONE A MiniSpace™ is powered by KONE EcoDisc® that revolutionized the elevator industry way back in 1996, confirming KONE as a technology leader.

Continuous R&D and innovations have resulted in a hoisting technology that has redefined the standards in ride comfort & energy savings, to the utmost satisfaction of end users and customers.

More efficient than traditional machines

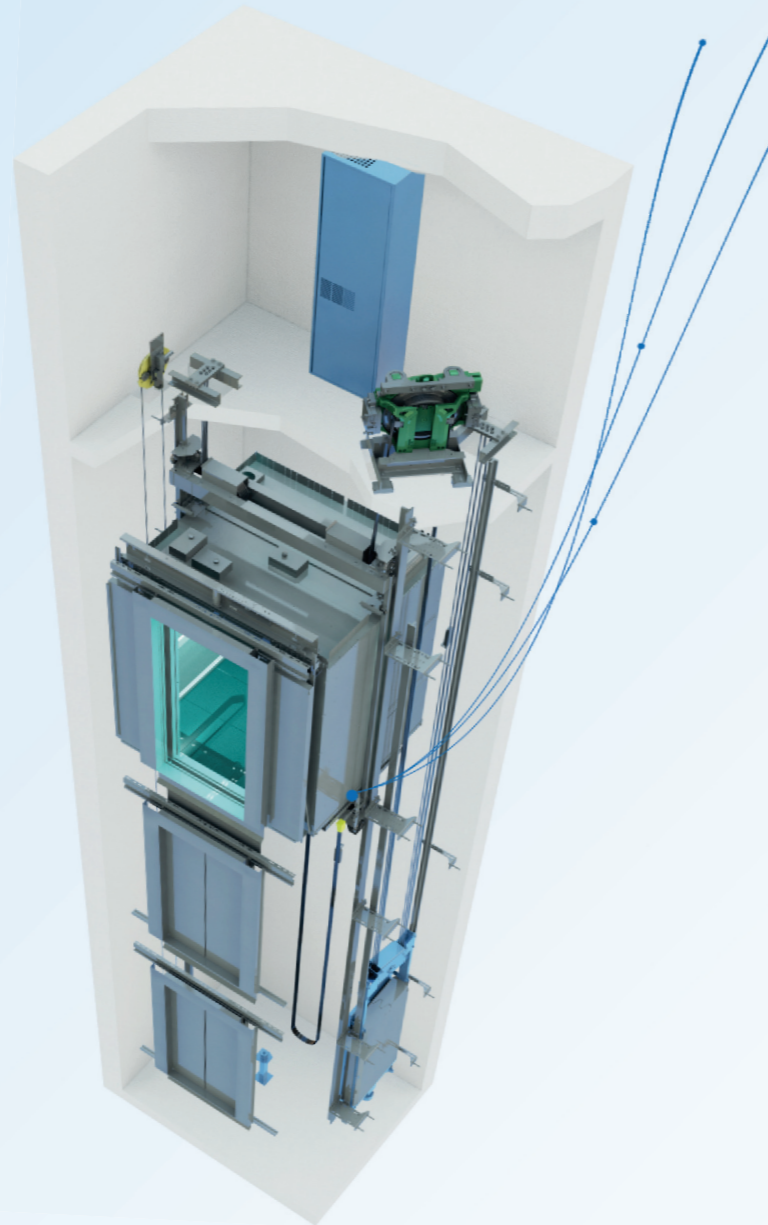
The KONE EcoDisc® needs less starting current, consumes less power and needs no oil. Less starting current means smaller back-up generators, that saves costs.

The gearless solution means zero losses due to inefficient gears, resulting in saving running energy costs while ensuring smooth, safe and comfortable rides every time.

Improved machinery and brakes

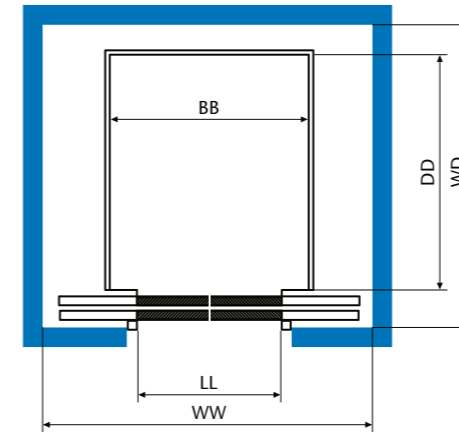
The new, highly reliable motor control system further improves ride comfort, with smooth acceleration & deceleration, and highly accurate car levelling.

The new brake test functionality automatically checks brake condition every day. This helps to further improve safety and reliability.

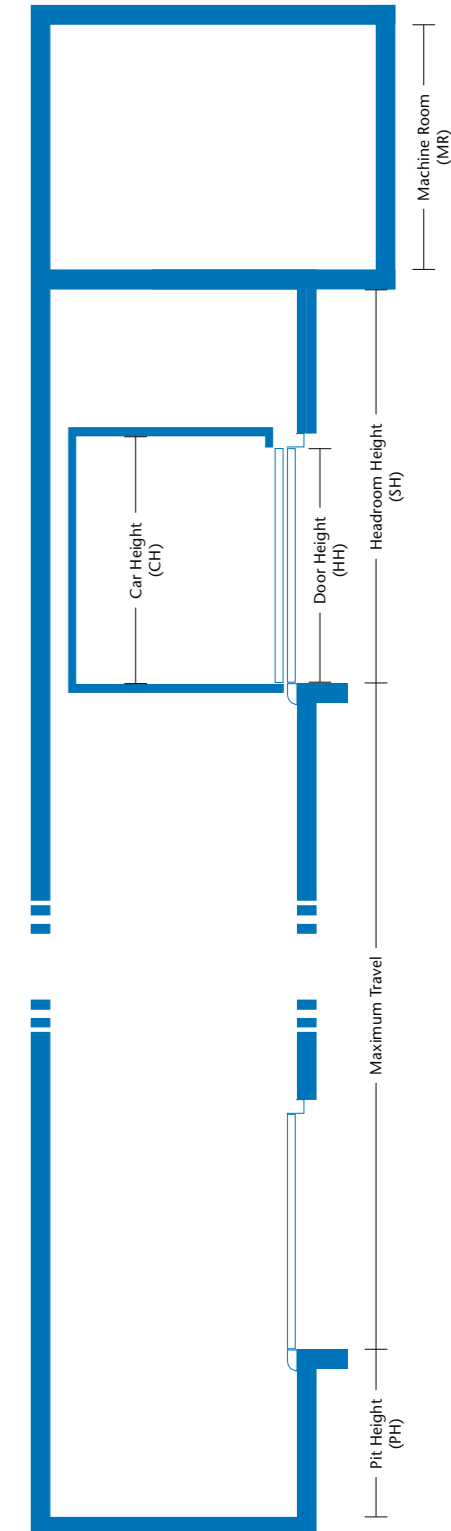


Layout and Dimensions

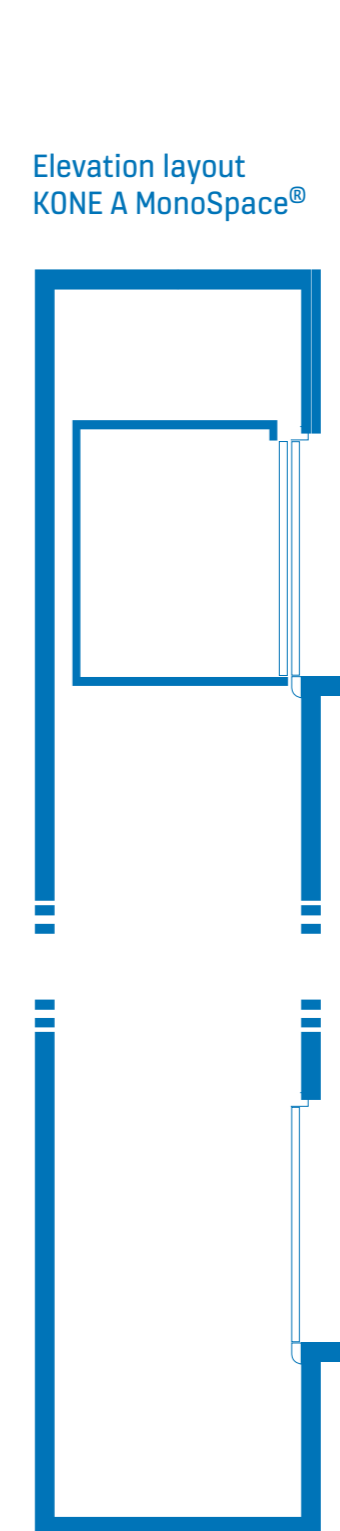
Single entrance car
Center opening



Elevation layout
KONE A MiniSpace™



Elevation layout
KONE A MonoSpace®



| KONE A MonoSpace® | |
|--------------------------------------|-------------|
| Speed | 0.63 m/s |
| Standard Inside Car Height [CH] (mm) | 2100 / 2200 |
| Standard Door Height [HH] (mm) | 2000 |
| Maximum Travel (m) | 20 |
| Standard Pit Height [PH] (mm) | 1300 |
| Standard Headroom Height [SH] (mm) | 3600 |

| KONE A MiniSpace™ | |
|--|-------------|
| Speed | 0.63 m/s |
| Standard Inside Car Height [CH] (mm) | 2100 / 2200 |
| Standard Door Height [HH] (mm) | 2000 |
| Maximum Travel (m) | 30 |
| Standard Pit Height [PH] (mm) | 1300 |
| Standard Headroom Height [SH] (mm) | 3600 |
| Standard Machine Room Height [MR] (mm) | 2100 |

Advantages of Gearless Elevator over Geared Elevator

| KONE EcoDisc® Gearless Elevator | Traditional geared Elevator |
|---|---|
| Consumes less start-up-power. Small back-up generator sufficient. | Consumes more start-up-power. Large back-up generator needed. |
| Oil not required. | Oil required. |
| No gears, energy saved. | Gears consume more running energy. |
| Comfortable ride experience due to minimal vibration. | Uncomfortable ride experience due to more vibrations produced by gears. |
| Automatically checks brake condition everyday. Improved safety & reliability. | Manual checking of brakes, checking everyday not feasible. |
| No machine room required. Saves building space, construction cost & time. | Machine room required. Consumes extra space, construction cost & time. |
| Highly accurate car levelling. | Car levelling may not be precise. |

WW - Well Width WD - Depth BB - Car Width DD - Car Depth LL - Door Opening

Shaft Information

| No. of Persons | Load [kgs] | Car Width BB [mm] | Car Depth DD [mm] | Door Opening LL [mm] | Shaft Width WW [mm] | Shaft Depth WD [mm] |
|----------------|------------|-------------------|-------------------|----------------------|---------------------|---------------------|
| 5 | 340 | 950 | 1000 | 700 | 1550 | 1475 |
| 6 | 408 | 950 | 1150 | 700 | 1550 | 1525 |
| 6 | 408 | 950 | 1150 | 800 | 1750 | 1525 |
| 6 | 408 | 1100 | 1000 | 700 | 1650 | 1475 |
| 6 | 408 | 1100 | 1000 | 800 | 1750 | 1475 |
| 8 | 544 | 1100 | 1300 | 700 | 1675 | 1600 |
| 8 | 544 | 1100 | 1300 | 800 | 1775 | 1600 |
| 8 | 544 | 950 | 1400 | 700 | 1575 | 1700 |
| 8 | 544 | 1300 | 1100 | 800 | 1875 | 1500 |

Note

- All shaft measurements specified are taken over plaster
- Shaft dimensions are to be maintained to a tolerance of 0, +25mm
- For more details on minimum shaft sizes contact our sales team

Features

| | | | | | |
|--------|---|---|---------|--|---|
| EBD A | Emergency Battery Drive Automatic (ARD) | O | ATS IN* | Attendant service, India | O |
| CEL | Car Emergency Lighting | S | FET | Floor extension Top | O |
| FRD | Fireman's Drive | S | FEB | Floor extension Bottom | O |
| COD | Correction drive to next level | S | ACL C | Accurate releveling, automatic, closed door | S |
| ABE M | Alarm Bell | S | CCB | Car call backwards | S |
| ISE C | Emergency Intercom car-MAP-control room | O | OCL | Operation of car light - automatic | S |
| DOB | Door open button | S | OCV | Operation of car ventilation - impulse and automatic | S |
| NUD NB | Nudging | O | PAD C | Parking at pre-defined floor, door closed | O |
| SRC | Curtain of light in the car | S | BLF | Bypass load function | S |
| CTV I | CCTV Camera in the car, Interface only | O | OLF C | Overload function, constant indication/buzzer | S |
| GOC | Acoustic Device for Arrival, on Car | O | ACU | Lift Announcer (LAS) | O |
| DCB* | Door close button | O | EIA | Emergency instruction announcer | S |
| EMC BQ | Emergency Stop Button in car | O | | | |

S Standard O Optional Energy saving feature



Have a stress-free Maintenance experience



KONE 24/7 Connected Services

KONE Care maintenance with KONE 24/7 Connected Services brings uninterrupted people flow to a whole new level. It is a service that enhances user experience, keeps you in the know and it's an investment in your building's future.

We connect your elevators, escalators and automated building doors to our cloud-based service, and use AI-based assessment of the data to provide valuable information on upcoming maintenance needs and any potential issues before they even occur.

* KONE 24/7 Connected Services is an optional feature and not part of the standard product.