

The KONE logo is positioned in the top left corner, consisting of the letters 'K', 'O', 'N', and 'E' each inside a separate blue square.

Unleash new possibilities

KONE High-Rise MiniSpace™ DX

www.kone.com.au

Dedicated to
People Flow™

KONE High-Rise MiniSpace™ DX

Next-generation elevators with the latest innovative technologies achieve measurable energy savings and lower carbon emissions over the entire lifecycle.



Significantly reduced energy consumption with KONE UltraRope® and advanced call allocation.



Less required maintenance for better availability with durable hoisting and intelligent predictive maintenance.



Lower carbon emissions during the life cycle.



Flexible and adaptable elevator design for the best building today, and easier upgrades in the future.

Key specifications



Connected



Speed
10.0 m/s



Load
1,000–2,000 kg



Energy efficient
ISO 25745 A class
VDI 4707 A class



Max. floors
126*



Max. travel
640 m*



Max. passengers
26



Max. group size
12*

* Engage with the local frontline team regarding any requests that fall outside standard specifications*

KONE HIGH-RISE MINISPACE™ DX



KONE UltraRope® and Advanced DCS with the energy management function can reduce total energy consumption on a typical office day by up to

31%

Case example:
26 persons, 6 m/s 90m travel, based on an elevator group simulation

KONE High Rise MiniSpace™ DX

Flexible Control system

- SIL3 rated Programmable Electronic Safety system
- Future proof inbuild connectivity
- Absolute positioning system

Ultrarope® hoisting

- Reduced Energy consumption
- Minimised carbon footprint
- Less downtime

Vertical shaft optimisation

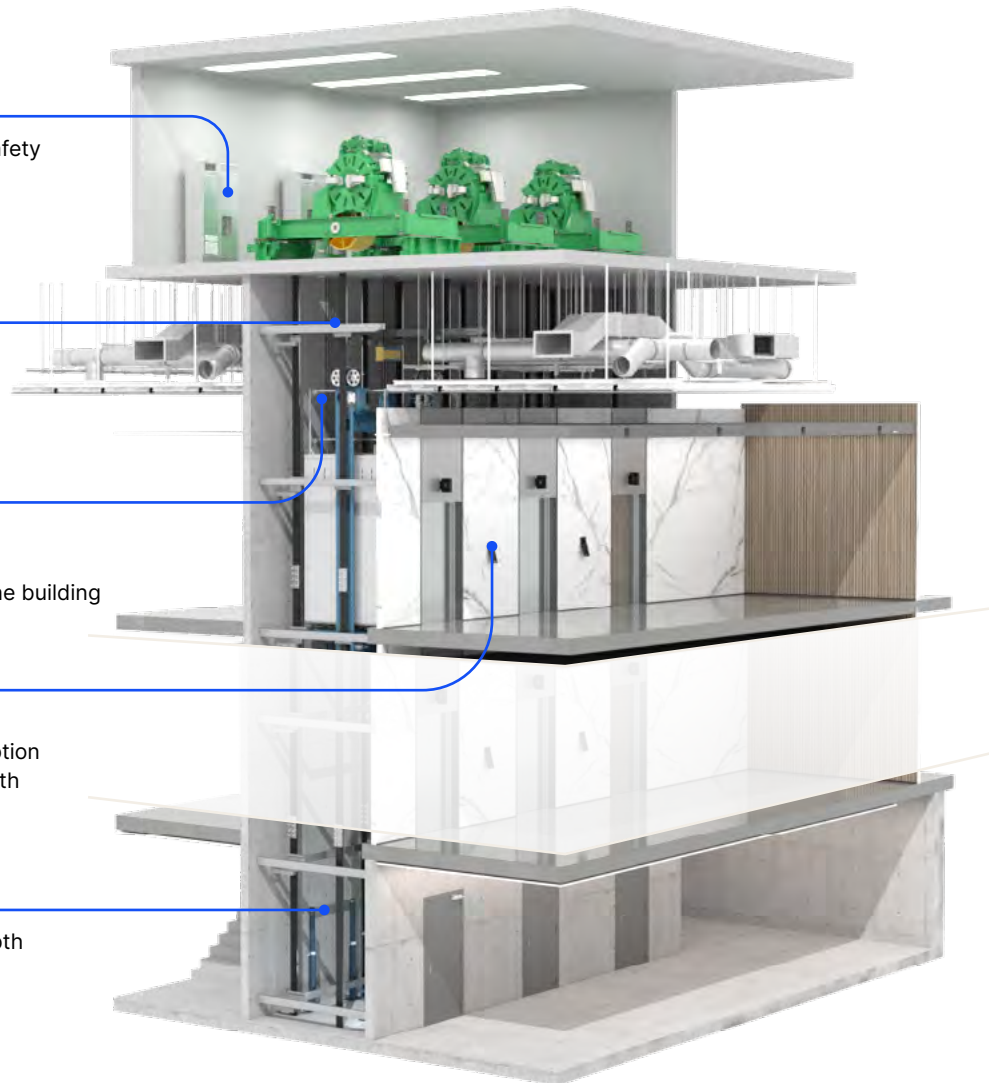
- Reduction in elevator vertical footprint
- Faster elevators to existing shafts
- Enabling additional served landing in the building

KONE Destination & Access

- 15% increase of handling capacity
- Up to 1/3 reduction of energy consumption with Energy Management combined with KONE UltraRope®

Simplified pit constructions

- Significant reduction in elevator pit depth
- Simplified interface to pit construction
- KONE UltraRope® does not require compensation at speeds of up to 6m/s



A better way to build

KONE High-Rise MiniSpace™ DX increases design freedom and simplifies the construction process.

01 Additional served landing
Reduced machine room and headroom height enable more effective use of space on the top of the building.

02 Easier pit construction
Smaller pit height simplifies the basement structure and reduces excavation work.

03 More rentable space
Vertical shaft optimisation unlocks new possibilities for increasing long-term building revenue.

04 Smaller structural loads
Lightweight hoisting minimises the amount of shaft reinforcement needed.



Make room for savings, extra revenues, value, space

Reduce the footprint of your elevator for measurable space efficiency and speed gains throughout the building.

Reduced machine room and headroom height enable an **additional served floor**

A lower pit height simplifies the basement structure for **less excavation work**

Vertical shaft optimisation offers a **speed upgrade** over the performance of traditional steel ropes in the same space

Up to

1.3m

reduction in machine room height

Up to

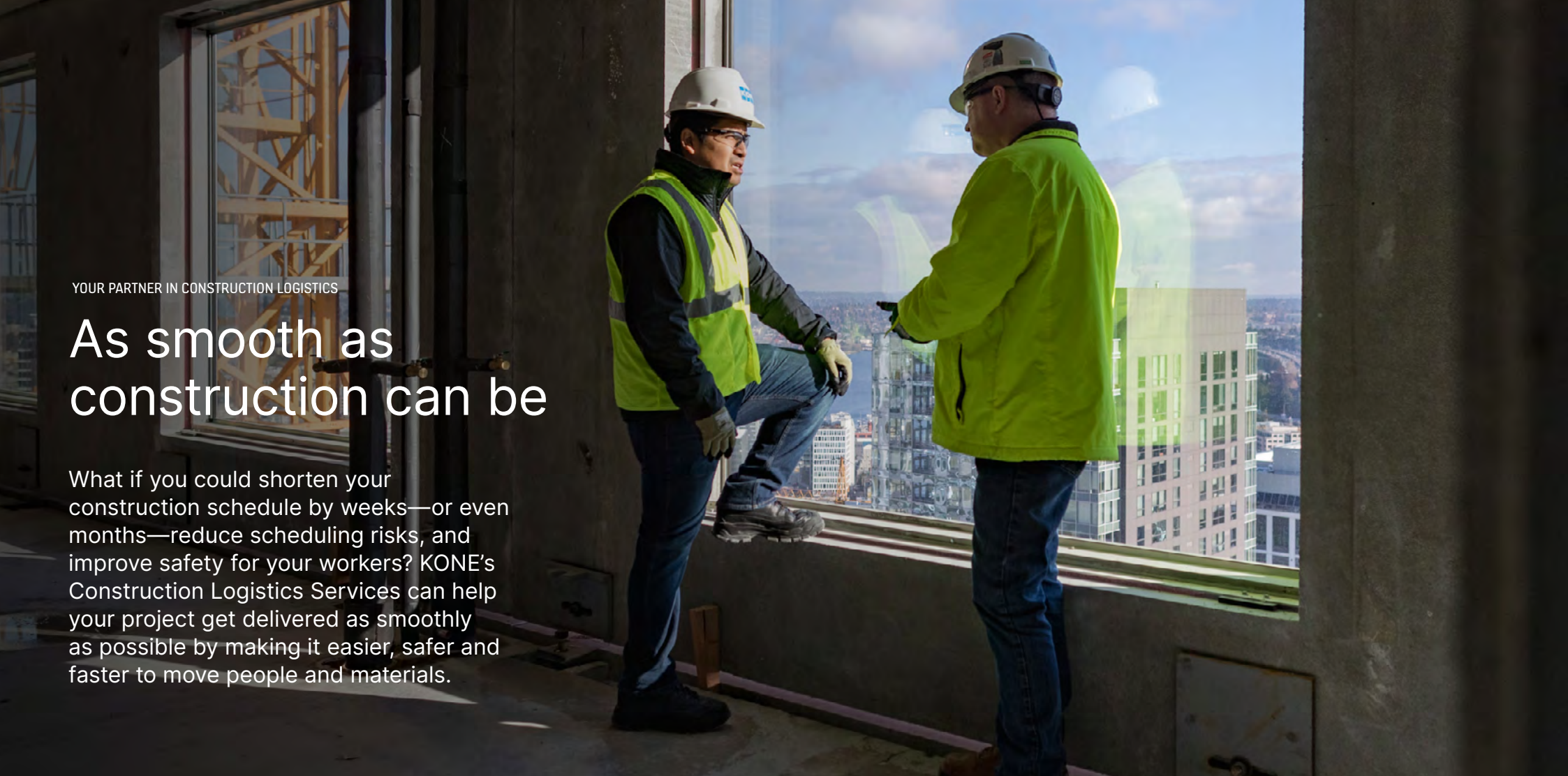
5.2m

reduction in headroom

Up to

2.3m

reduction in pitdepth



YOUR PARTNER IN CONSTRUCTION LOGISTICS

As smooth as construction can be

What if you could shorten your construction schedule by weeks—or even months—reduce scheduling risks, and improve safety for your workers? KONE's Construction Logistics Services can help your project get delivered as smoothly as possible by making it easier, safer and faster to move people and materials.

Get more time back with elevators for construction

Accelerate your schedule and improve logistics by moving site workers and materials around the building more efficiently with Construction Time Use elevators

Start moving earlier with KONE JumpLift

Gain early access to the building's elevator shaft so workers, tools, and materials reach their destination faster—saving hours each day and getting your building done sooner

Keep on going with 24/7 Predictive Maintenance

Increase elevator availability by fixing potential problems before they happen with 24/7 Predictive Maintenance—maximising uptime so you can achieve more each day

Increase the value of your building

KONE High-Rise MiniSpace™ DX increases tenant satisfaction while lowering operational costs.



Improved availability

KONE UltraRope® and fully optimised maintenance minimises service interruptions for more satisfied tenants.

3X

Up to 3x longer rope lifetime for less time spent performing required maintenance

6

At least 6 extra days of elevator availability when using KONE UltraRope®

55%

55% fewer customer-reported issues over a 3-year period with KONE Care Predictive DX

Lower lifecycle costs

Maximum energy efficiency and longer rope lifetime make the KONE High-Rise MiniSpace™ DX more economical to own.

31%

Up to 31% lower energy consumption on a typical office day

∞

Always up to date and adaptable to future needs

80%

80% of faults identified proactively by KONE Care Predictive DX

Future-proof systems to maximise efficient operations

Adapt to the future needs of your tenants with an advanced control system that offers maximum flexibility with best-in-class services



Advanced connectivity offers a flexible architecture that leverages open APIs to power limitless user experience and design-related upgrades



Accurate car positioning and operational speeds guaranteed for maximum safety and reliability



Optimise the lifetime of your assets with KONE 24/7 Planner

KONE offers sustainable solutions across the building lifecycle

01

Smart and future-proof building design

Expertise to find optimised solutions for the sustainable vertical transportation and building design.

02

Sustainable delivery and project management

Carbon-neutral KONE manufacturing units and sustainable construction practices.

03

Energy efficient solutions in operation

Lower costs and emissions with energy efficient solutions.

04

Maintenance with smaller carbon footprint

Keeping solutions in valuable use with optimised service processes.

05

Keep residual value through modernisation

Add the latest energy-saving technology while also increasing safety, accessibility and building value.

06

Circularity for less waste

Retaining components in partial modernisation. Up to 90% of materials in KONE solutions can be recycled.



Upgrade to KONE UltraRope®

A carbon fibre core offers:

3X

exceptional durability for a lifetime up to three times as long as steel

77%

a significant reduction in rope mass (77% less than steel)



substantial energy savings over the entire travel range



enables long travel heights (up to 1000 metres)



excellent strength properties with no permanent elongation



reduced noise levels for increased in-car ride comfort



significantly higher natural frequency that doesn't overlap with the building's natural frequency. You can safely use high rise elevators on very windy days.



KONE Destination and Access

Smooth people flow and personalised user experiences that help to create appealing and efficient buildings.

KONE DESTINATION

A destination control solution that combines distinctive design, dynamic access, and intuitive guidance. People with similar destinations are grouped together in the same elevator to reduce overcrowding. This significantly increases convenience, reduces travel times, and allows for physical distancing.

- Advanced destination guidance
- Optimised and enhanced people flow
- Adaptive and user-friendly design
- Built-in connectivity for integrations and digital solutions
- Optimised energy consumption

KONE ACCESS

A built-in access control system for elevators and turnstiles that enables a seamless user experience without compromising security. KONE Access is easy to integrate with the building's access control system, which reduces costs compared to managing parallel systems.

- Built-in access control system for elevators and turnstiles
- Efficient, personalised user experience
- Simple integration and access management



Turning vision into vertical innovation

AN AUSTRALIAN PROJECT

Australia is leading the way in bringing KONE's Next Gen High-Rise solutions to life, with a landmark project in Melbourne.

As the first in the world to adopt this cutting-edge technology, this project sets a new benchmark in high-rise innovation, delivering smarter, more efficient, and future-ready buildings.

MELBOURNE SQUARE – STAGE 2

Location: Melbourne, Australia

Elevators:

- 5 KONE MiniSpace™
- 1 KONE N MonoSpace™

Elevator travel (max): 231 m

Elevator speed (max): 6 m/s

KONE equipment in the building:

- KONE UltraRope® without compensation;
- KONE Monitoring;
- 3 x KONE JumpLifts 1000





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 modernisation. KONE is a global leader in managing the smooth flow of people and goods throughout buildings. This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 63,000 dedicated experts to serve you globally and locally.

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