Enabling SMR revolution with reliable lifting



Small modular reactors change what nuclear is. Factory-built modules and repeatable units instead of one-off megaprojects. And a promise to customers that costs and schedules are predictable.

Why partner with us?

Lifting affects the project schedule more often than expected. Cranes need to be planned early, because adding or changing them later can be expensive. They must be available before fuel arrives and continue to perform safely for decades afterwards. Getting it right from the start removes the risk to the project.

That's the work we do.



PROVEN IN NUCLEAR

Nuclear lifting for 60+ years, in a majority of the world's nuclear plants.

ONE SUPPLIER, ALL LIFTING

Safety related, hybrid and standard industrial cranes from the same partner.

DELIVERY CERTAINTY

Global manufacturing capacity to support predictable schedules.

A LIFETIME OF SUPPORT

Service, parts and lifecycle support in over 50 countries.

DECARBONIZATION SUPPORT

Our factories run on 100% renewable electricity, and our equipment is built to last.

EARLY-STAGE ENGINEERING

We help plan lifting around plant layout, qualification and service needs.

Lifting equipment across the SMR plant



Built for nuclear standards

We are backed by recognized international and nuclear industry standards:
ASME NOG-1 and KTA3902 single-failure-proof | 10CFR50 Appendix B and NQA-1
KTA 1401 | ISO 9001 | ISO 14001 | ISO 45001 | CMAA, EN and national standards.

Certification scope varies by product and manufacturing location. We'll confirm the applicable set for your project.

A qualified supplier for risk reduction

Successful SMR deployment depends on suppliers that can combine nuclear quality, reliable delivery and long-term support.

Certified quality
We build to the standards your licensing case depends on. We've supported the nuclear industry for over 60 years, and our lifting equipment is certified and independently audited against the most common nuclear industry standards.

Delivery certainty
We're a global manufacturer with the capacity to build at volume. That means your crane package doesn't compete for scarce specialist capacity and your delivery plan is backed by real manufacturing capacity, not good intentions.

Lower project risk
Choosing a qualified, referenced supplier removes questions from your project. Quality is documented. Delivery is planned and tracked. And the same partner is still there when the plant is operating. Our history goes back to 1910, so you're partnering with a substantial, established company built to last.

Support for the whole life of the plant
Construction is a few years. Operation is sixty or more. We're structured for both.



Bring us in early and repeat what works

Design-in beats retrofit
Crane interfaces shape buildings. Hook heights, wheel loads, rail embedment, maintenance access. Decide them late, and the building changes around them. Decide them early with lifting experts, and the lifting package is designed for manufacture alongside everything else.

So, involve us at concept stage. It's the cheapest engineering hour you'll spend.

Design once. Deploy many times.
Your economics depend on repeatability and so do ours. Once a lifting package is engineered and qualified for your reference plant, every following unit gets the same package: the same drawings, the same documentation, the same qualified components. Engineering cost is spread across the fleet. First-of-a-kind effort becomes repeatable delivery, exactly as your model assumes.

One supplier for every lift on site
Not every lift is a nuclear lift. Some are, and they need single-failure-proof design, seismic restraints and radiation resistant components. Many aren't, and a standard industrial crane will serve for decades at a fraction of the cost.

Knowing which is which is worth real money. We've been making that judgment in nuclear plants for over 60 years and our range covers both ends of it. So, you can specify the whole site through one qualified supplier, with one set of documentation and one point of contact.

Keep critical lifting ready for every outage

Most of a plant's life happens after commissioning. Reliable lifting helps keep outages planned, predictable and on schedule.

Predictable maintenance, not surprises
Condition data from your cranes tells us what's wearing and what isn't. Maintenance gets planned around your outage windows instead of interrupting them. This results in fewer unplanned stops, longer component life and better use of the equipment you've already paid for.

Remote monitoring that earns its keep
Usage, load history, brake and hoist conditions are continuously monitored and reviewed with you. It turns crane maintenance from a calendar exercise into evidence-based service planning.

Modernization instead of replacement
Sixty to eighty years is a long time for any control system. We modernize cranes, ours and other manufacturers', so the structure keeps working while the technology stays current, saving the raw materials and emissions associated with building new equipment.

Support as broad as you need
The partnership scales with you. Scheduled visits, a dedicated service plan or full 24/7 coverage for critical operations. We build the service contract around how your plant runs.

Wherever the fleet goes, we're already there
We have people in over 50 countries. For a vendor deploying units across several markets, that means local service, local spare parts and local language support, without building a lifting capability in-house for each one.



If you operate the plant on your customer's behalf, lifting is your responsibility for its whole life. We can carry that with you.



Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2025, Group sales totaled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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