

# Crane Reliability Study





# Are your cranes fit for the future?

Cranes are designed for a finite lifetime of duty which is correlated to usage, not calendar time. And as your equipment gets older, you may begin to question its reliability and safety, whether it's capable of meeting your growing production demands, and if it's time to modernize or replace it.

## Smart planning through informed decisions

The Konecranes Crane Reliability Study (CRS) can help you plan for the future by providing accurate information detailing the current condition and remaining design life of a crane and its components.

A CRS can help you identify opportunities to improve safety and performance, increase the reliability of your crane and better align your equipment with current and future production needs. You can use this knowledge to develop a roadmap for equipment repairs, modernization or replacement.

## ➔ Benefits of a Crane Reliability Study

- Provides information for planning the future of lifting operations based on an extensive crane study.
- Provides an accurate picture of the current condition of the lifting equipment.
- Delivers an estimate of the remaining design life, based on equipment classification and utilization history.
- Provides an easily interpreted review of the condition of the crane.
- Can enhance safety by detecting issues before they become critical problems.
- Provides information that can be used to choose between an equipment modernization or replacement.

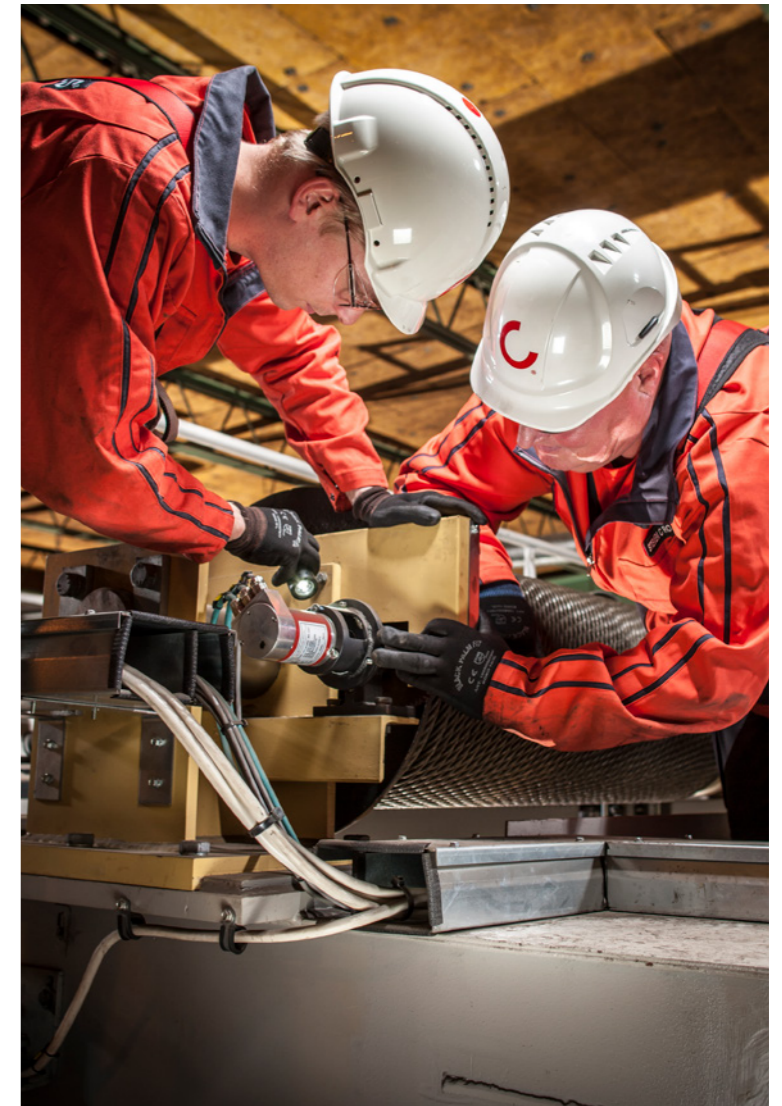
# Crane Reliability Study delivers the answers

The Crane Reliability Study is an engineering assessment that studies the current condition of your crane and provides a theoretical estimate of its remaining design life.

The study looks at structures, mechanical components and control systems, and highlights possible maintenance, replacement and modernization needs.

The CRS is performed by a team of trained and experienced Konecranes specialists who provide a comprehensive report and expert consultation with a plan for the current and future use of the lifting equipment.

The Crane Reliability Study is a valuable tool when dealing with an aging crane fleet, changes in production, safety issues, and other possible concerns.



## A thorough process with tangible benefits



### Info gathering and observation

A team of trained Konecranes specialists observes the production and operating environment of the crane.



### Detailed inspection

The overall condition of crane structures and components is evaluated with a focus on safety, productivity, reliability, usability and remaining design life.



### Interviews and documentation

Operators and maintenance personnel are interviewed and all pertinent documentation is reviewed.



### Expert report and consultation

The team provides a detailed report and further consultation with advice on maintenance, modernizations and future investments.



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 16,600 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2023, Group sales totaled EUR 4.0 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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