

INDUSTRIAL CRANES
NUCLEAR CRANES
PORT CRANES
HEAVY-DUTY LIFT TRUCKS
SERVICE
MACHINE TOOL SERVICE

CONSULTATION SERVICES

KONECRANES[®]
Lifting Businesses[™]

RopeQ[™] MAGNETIC ROPE INSPECTION

INSPECTING WHAT YOU CANNOT SEE





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SAFETY FROM THE INSIDE OUT

Wire ropes are one of the most critical parts of your wire rope hoists, and they can contain hundreds of individual strands. Broken strands on the rope exterior can be found by visual inspections, but the condition of the core and inner wire strands cannot be seen. To evaluate the safety of a wire rope, you need to know what's happening both on the outside and on the inside. That's why Konecranes offers RopeQ™ Magnetic Rope Inspection.

Many wire rope structures start to wear from the inside out. A worn wire rope can be a major safety hazard and cause production losses. Why wait for a scheduled change when you can make decisions based on the actual condition of the rope?

RopeQ determines the condition of a wire rope based on a visual and magnetic inspection. The inspection utilizes magnetic-inductive leakage technology to provide accurate data of the rope's interior and exterior condition. The thorough visual inspection can cover all rope reeving components and other elements that may affect rope life.

ROPEQ IS RECOMMENDED FOR ANY WIRE ROPE APPLICATION AND IS PARTICULARLY USEFUL IN THE FOLLOWING SITUATIONS:

- process cranes in constant use
- cranes that are used only occasionally
- ropes that are particularly hard to inspect visually
- post-accident inspections

BENEFITS OF ROPEQ


- Improved safety from detecting non-visible defects
- Optimized wire rope change interval
- Repeatable and reliable results
- A report that is easy to read and interpret, completed with recommendations for action



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Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on NASDAQ OMX Helsinki Ltd (symbol: KCR1V). With over 12,000 employees at more than 600 locations in almost 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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