

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

KONECRANES[®]
Lifting Businesses[™]

Road to maximum performance **MODERNIZATION**



MAXIMIZE SPEED AND PERFORMANCE WITH MODERNIZATION

MODERNIZATION TIME

- > Konecranes standard products to minimize downtime
- > Testing and planning programs for modernizations
- > Complete machinery and electric systems
- > Crane modernization can update obsolete cranes at a fraction of the cost of a new crane

PROFIT

- > Maximum performance by complete and reliable modernization solution
- > Worn-out components are replaced with next generation components
- > Decreased maintenance costs and loss of valuable production time
- > Parts availability through an efficient worldwide distribution and service network

CAPACITY

- > Maximize the speed and lifting performance of the cranes
- > Available for advanced crane control methods
- > Improved automation of both new and existing cranes
- > Crane performance is improved by the latest load positioning and handling systems



SAFETY

- > Long-term modernization solutions to improve the reliability and safety of crane operation
- > Latest regulations are always taken into account to ensure the safety of a crane
- > Improved safety – better control and visibility of the load of a crane
- > Highest possible positioning accuracy achieved by sophisticated control systems and drives

SERVICE

- > Professionalism to schedule and carry out the modernization projects properly and cost effectively
- > Commitment to increase customers' business by minimizing downtime and increasing productivity
- > Inspections and analyses for all types of cranes regardless of the original manufacturer
- > Fast and flexible spare parts supply

ENVIRONMENT

- > Material savings by using the existing steel structures and components
- > Well-organized material and manufacturing system
- > The highest lifecycle value of a crane by modernization

QUALITY

- > Konecranes uses the latest technology created and tested in a crane environment
- > The algorithms Konecranes has developed guarantee the optimal strength and safety for load carrying components
- > The most important crane components are manufactured in the Konecranes group's own plants. Our component plants have been granted the ISO 9001 quality certificate.



MAINTENANCE

- > Maintenance and its costs are reduced by modernization
- > New equipment makes spare parts availability easier, requires less maintenance and a smaller spare parts supply
- > Diminishing maintenance and breakdown time increases production time



INTELLIGENT SOLUTIONS

Our crane customers are continuously complying with changing needs, requirements and regulations, meanwhile striving to increase their production capacity by removing any perceived bottlenecks. Konecranes extends the lifetime of the cranes and improves the productivity and safety of our customers' operation through intelligent modernization solutions by combining technology know-how with state of the art crane components.

We are specialized in crane technology and, as the world-leading lifting equipment manufacturer and service provider, we have gained an extensive network enabling local service with global support.

Our modernization service companies modernize all cranes regardless of original manufacturer.



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Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity-enhancing lifting solutions as well as services for lifting equipment and machine tools of all makes. In 2011, Group sales totaled EUR 1,896 million. The Group has 11,700 employees at 609 locations in 47 countries. Konecranes is listed in NASDAQ OMX Helsinki (symbol: KCR1V).

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