

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

MODERNIZATION

KONECRANES[®]
Lifting Businesses[™]

STS Crane Modernization **MEET THE FUTURE NEEDS OF YOUR STS**



SHIP-TO-SHORE MODERNIZATIONS

Konecranes modernizations are designed on the basis of the Total Cost of Ownership approach. This means that we will strive to fulfill your future needs for lifting height or lifting capacity by using the same steel structure and by adding electrical or mechanical lifetime, or both. It also means less maintenance and better and faster parts availability for you.

We have long experience with the Crane Reliability Survey, which includes safety checks, structural surveys, inspections, and crane lifetime calculations. The Crane Reliability Survey helps you in planning a crane modernization to bring your equipment up to date.

Changing from DC drives to Konecranes AC drives gives you many benefits.

- > Drive software that has been developed and optimized especially for crane use by Konecranes.
- > An upgrade of existing equipment with Konecranes drives and motors.
- > Regenerative power feedback designed to result in lower energy consumption and emissions.
- > Easy maintenance – motors and inverters need no regular maintenance.
- > Crane Monitoring System/PLC minimizes downtime by making maintenance and troubleshooting control easier.

Konecranes has a worldwide parts network. Spare parts are available for at least 10 years. All key components come from industry-leading suppliers.

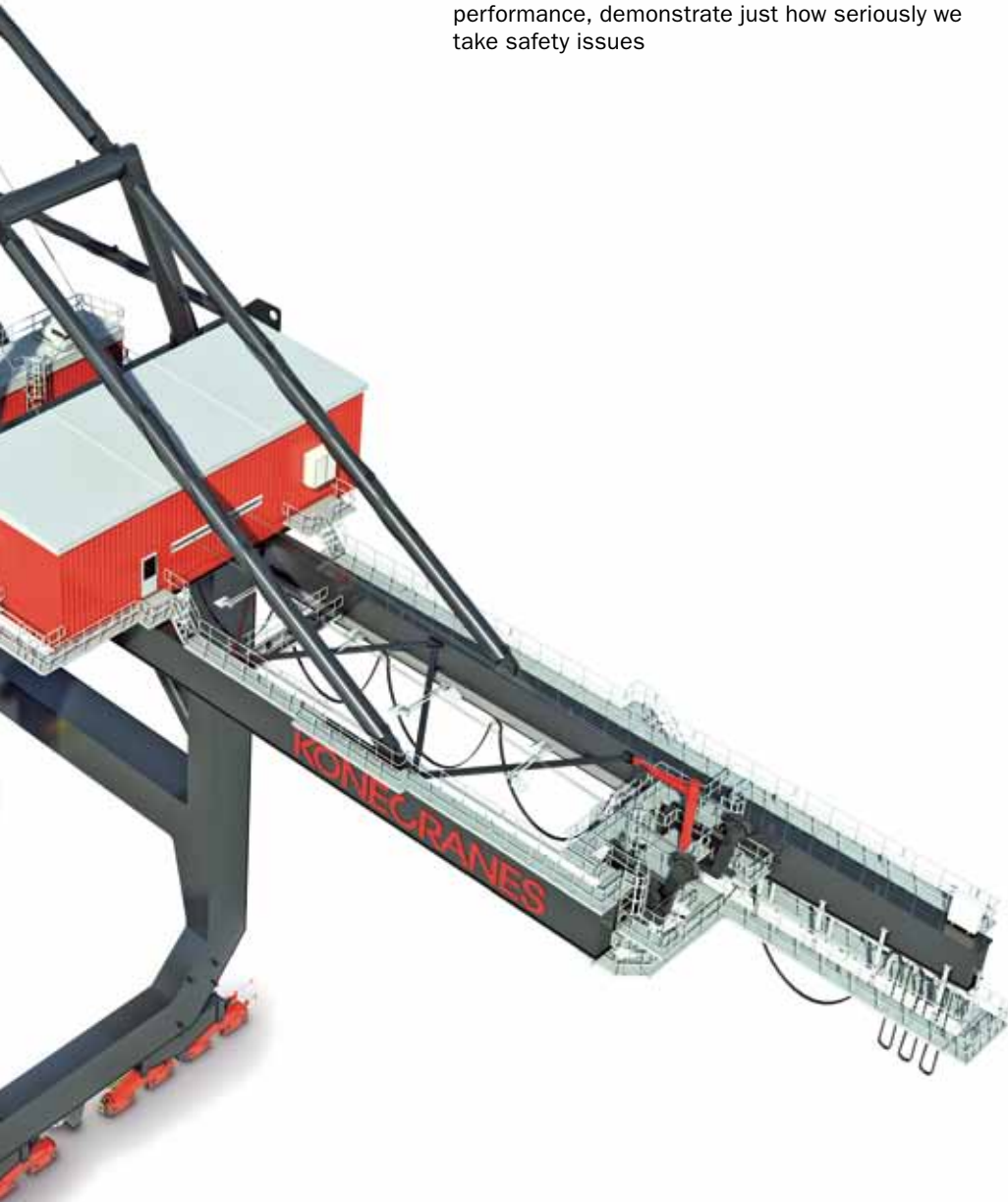


Service modularity for quick and less frequent maintenance (direct gantry and trolley drives, flange-mounted motors).



SAFETY A PRIORITY

All our products are manufactured in accordance with rigorous standards, both current and anticipated. Konecranes has become a recognized leader in workplace safety; in 2002 and 2004, Konecranes was awarded the "Green Cross for Safety Excellence Achievement" by The National Safety Council (USA). These, along with numerous other workplace safety awards that have been presented to us in recognition of our performance, demonstrate just how seriously we take safety issues



More capacity, lifting height or crane lifetime through structural modernizations.



Electrical rooms are factory-tested, which makes on-site installation quick and easy.



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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 11,500 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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