

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

LIFECYCLE CARE

KONECRANES[®]
Lifting Businesses[™]

MAINMAN[®] **Inspection and Preventive Maintenance Program**



LIFTING BUSINESSES GLOBAL CRANE LEADERSHIP

When it comes to crane products and services, companies around the globe trust Konecranes to lift their businesses. Whether manufacturing, process or extractive industries, shipyards or ports and terminals, we bring together productivity-enhancing lifting solutions and services to drive both operational performance and reliability. Konecranes is the industry leader in overhead crane maintenance services and lifting technology with over 100 facilities including manufacturing, fabrication, assembly, parts warehousing and service branches throughout North and South America.

Konecranes provides an extensive range of services and unique capabilities dedicated to improving safety and helping your business decrease the cost of downtime and increase the productivity of uptime.

FLUENT IN ALL CRANE BRANDS

We can service any brand of crane and hoist. As a leading global manufacturer with a 120-year history and the leading maintenance provider in the Americas and around the globe, Konecranes technicians understand what it takes to keep your equipment working at top performance. We train our entire service team to understand the unique requirements of each installed brand and provide the appropriate services in accordance with OEM specifications.

OUR FAMILY OF RESPECTED BRANDS

Through strategic acquisitions, we have become the OEM of some of the most familiar and well respected brands in the industry including (but not limited to) the following:

KONECRANES®

MORRIS
MATERIAL HANDLING®

OEM of P&H® Crane & Hoist Parts

PROVINCIAL
CRANES

CMS
CRANE MANUFACTURING
& SERVICE

NORTHERN®



Kranco



KAVERIT
CRANES & SERVICE



*P&H® is a registered trademark of Harnischfeger Technologies Inc. and is used by Morris Material Handling, Inc. (a wholly owned subsidiary of Konecranes, Inc.) under license. Morris Material Handling, Inc. is not affiliated with Harnischfeger Technologies Inc. or P&H Mining Equipment Inc.

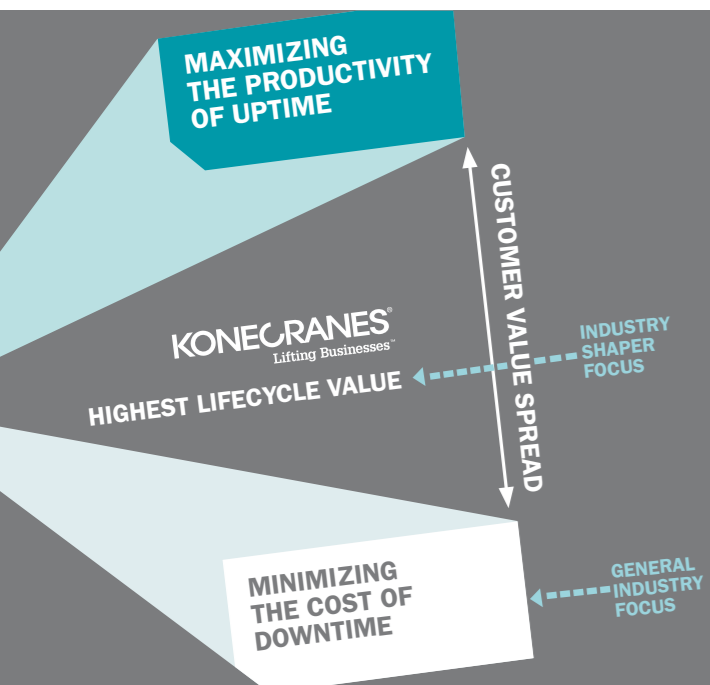


KONECRANES BY THE NUMBERS WORLDWIDE

10,000 EMPLOYEES	545 LOCATIONS WORLDWIDE	ACTIVE IN ALMOST 50 COUNTRIES	ESTIMATED ANNUAL PRODUCTION OF 6,000 CRANES
1.5 MILLION ANNUAL SERVICE CALLS	ESTIMATED ANNUAL PRODUCTION OF 30,000 ROPE HOISTS 29,000 CHAIN HOISTS	MAINTENANCE CONTRACTS COVERING MORE THAN 362,000 CRANES OF DIFFERENT MAKES	LISTED ON THE NASDAQ OMX HELSINKI

MAINMAN® INSPECTION AND PREVENTIVE MAINTENANCE PROGRAM

COMPREHENSIVE LIFE CYCLE CARE



TOTAL SERVICE COMMITMENT...

We serve our customers by helping them enhance the safety and productivity of their operations through innovative technologies, customized maintenance programs and dedicated people. We seek to first understand our customer's business before applying our industry-wide experience and expertise. We then prove value through periodic performance reviews of mutually agreed upon goals. In essence, we are not just lifting things, we are Lifting Businesses™.

BEYOND COMPLIANCE ... PROACTIVE, PREVENTIVE MAINTENANCE

An active Preventive Maintenance Program is crucial to reducing crane downtime and increasing reliability. We create a proactive customized maintenance plan based on the type of equipment, application and duty cycle. Needed repairs are planned around your production schedule thus avoiding downtime and costly emergency repairs. Improvement recommendations are provided and discussed at every step; periodic reviews ensure that we are working together to achieve mutually agreed upon goals. We are committed to complete life cycle care and to reducing your total cost of ownership.

While our goal is to reduce and eliminate unexpected downtime, our technicians are available 24/7 ready to deal with the unexpected. Technicians have 24/7 access to live high-level expert support and online tools to ensure expedient and accurate troubleshooting and effective corrective actions. We

have the most extensive service network in the Americas and the globe.

The cornerstone of our MAINMAN® Maintenance Program is our Circle of Compliance. This unique quality control process ensures that you are receiving maximum value at every step and that you are fully informed regarding the condition of your equipment and your maintenance options.

CERTIFIED INSPECTORS AND EXPERTLY TRAINED TECHNICIANS

Konecranes inspectors receive training in the field and the classroom, and are certified by the Konecranes Training Center in Springfield, Ohio. In order to qualify for the program, prospective inspectors must first exceed the crane maintenance experience requirements of CMAA. Our Inspectors must not only help ensure safety and compliance but also provide an accurate assessment of the condition, safety and reliability of your equipment, as well as be able to consult and communicate results and recommendations.

Lifelong learning and dedication is what sets Konecranes technicians apart. Each technician receives an average of 40-60 hours of classroom training per year and is automatically enrolled in a progressive Tech Masters training program. We support a global community of technicians, engineers and other experts that share data, best practices and help develop support material to the ultimate benefit of our customers and industry.



CIRCLE OF COMPLIANCE
Is our internal quality control process

Konecranes' proprietary MAINMAN® Preventive Maintenance Program delivers complete lifecycle care through a detailed three-step process of crane inspection, maintenance and repair.

MAINMAN® MAINTENANCE SOFTWARE

Our proprietary MAINMAN® Maintenance Program and software incorporates our in-depth understanding of applicable codes, standards and regulations and is built upon our knowledge and experience as the leading provider of maintenance services and as a global manufacturer of cranes and hoists.

MAINMAN® guides our certified inspectors in delivering consistent, repeatable inspections combined with the appropriate level of preventive maintenance that is customized based on application and equipment type; each piece of equipment is uniquely configured and tracked. Inspectors enter field data through their MobilTec handheld devices that upload data directly to the MAINMAN® database reducing turn-around time and eliminating the chance of data entry errors.

We capture, analyze, compile and report critical performance data:

- > Safety deficiencies are communicated and confirmed by the customer before the inspector leaves the site. The safety summary can be e-mailed directly from the handheld device.
- > Deficiencies are organized from highest priority (e.g. safety) to least urgent (e.g. general maintenance).
- > Condition Reports are both OSHA and MSHA compliant.
- > The Crane Report Card ranks the overall condition and criticality of each crane thus aiding in decision making and in tracking progress.
- > Records of inspections, maintenance, and corrective actions are secured in our MAINMAN® database.
- > All reports can be available online at www.Mycrane.com for safekeeping and convenient retrieval by your maintenance, operations and safety professionals.

SPARE PARTS FOR ALL MAKES

Konecranes is the OEM for many of the best known brands of hoists and cranes as well as the largest single source supplier for parts of all makes. We recommend proactive management of critical spares and can assist you 24/7 in the assessment and implementation of such a program. We have the most extensive inventory in the industry, as well as dedicated in-house parts manufacturing and extensive reverse engineering services to assist you with obsolete and/or not readily available parts. Our expert technicians are always available to help with field installation and support.

OPERATOR TRAINING

One of the easiest and most cost effective ways to improve safety and productivity while reducing maintenance costs is crane operator training. We can provide on-site training that is tailored to your needs, budget and schedule. In addition you will improve employee morale, generate good will and may reduce liability.

BEYOND MAINTENANCE

Because every crane and operation is unique, we have created a range of advanced diagnostic, analytical and planning services designed specifically for critical and high duty applications. These services include in-depth inspections and non-destructive testing of critical load bearing components such as gears, hooks and wire rope; service life analysis; and runway and crane geometric surveys.

We can also provide performance services such as equipment overhauls, rebuilds and engineered modernizations to enhance the safety and performance of your equipment and extend its life.

As a leading OEM, we can also provide you with a full range of lifting equipment solutions from chain hoists and work station cranes to wire rope hoists and monorails to overhead and gantry cranes for virtually any application and environment.





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CRANES



NUCLEAR
CRANES



PORT
CRANES



HEAVY-DUTY
LIFT TRUCKS




SERVICE



MACHINE
TOOL
SERVICE



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.

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