

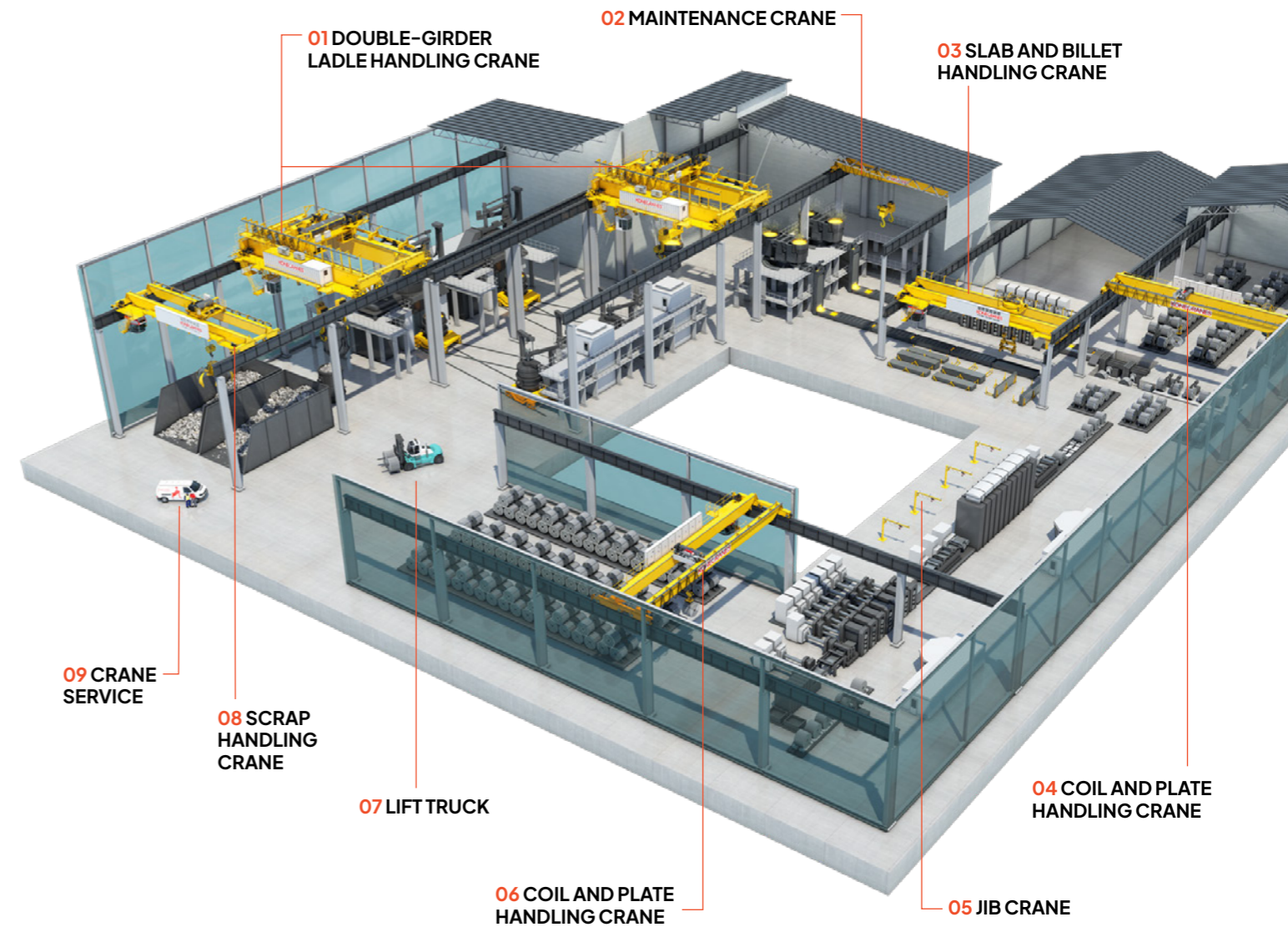
Smart, intuitive and connected





We know the steel-making process

Deep industry knowledge and process understanding help us deliver equipment and service to optimize our customers' operations.



Moves what matters

Our advanced lifting equipment, technologies and service is designed to improve the safety, productivity and sustainability of your operations.

We are 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.

Intelligent material handling

Technology has revolutionized industrial equipment into intelligent, connected systems. Our cranes are not solely composed of mechanical and electrical

parts, they have transformed into intelligent lifting solutions, reshaping industry boundaries and taking businesses to the next level.

We've used our decades of experience to develop advanced applications and systems utilizing a combination of sensors, software and connectivity to help increase uptime, reduce costs and improve efficiency. Konecranes intelligent equipment and service help provide a safer, smarter and more intuitive user experience across the metals industry.

Core of Lifting: Experience in action

Our cranes are built around key components that we design and manufacture in-house. Konecranes gears, motors and controls are made specifically for crane use and lifting motions and are fully integrated into the core of our crane technology. We don't just design the components, but also the interactions between them making them work seamlessly together as the Core of Lifting.



Our skills and expertise at your service

Deep industry knowledge and process understanding help us deliver equipment and service to optimize our customers' operations.

Lifting through every process in the mill

We work with you to lift heavy and dangerous items throughout your operation, from moving iron ore and recycled steel to pouring hot metal and shaping products in the rolling mill.

In-house analysis and engineering

Our own expertise and experience are available to you—we do not outsource our skill. Many of our engineers have worked in steel production so they know how steel is made—from raw material to the finished product and beyond.

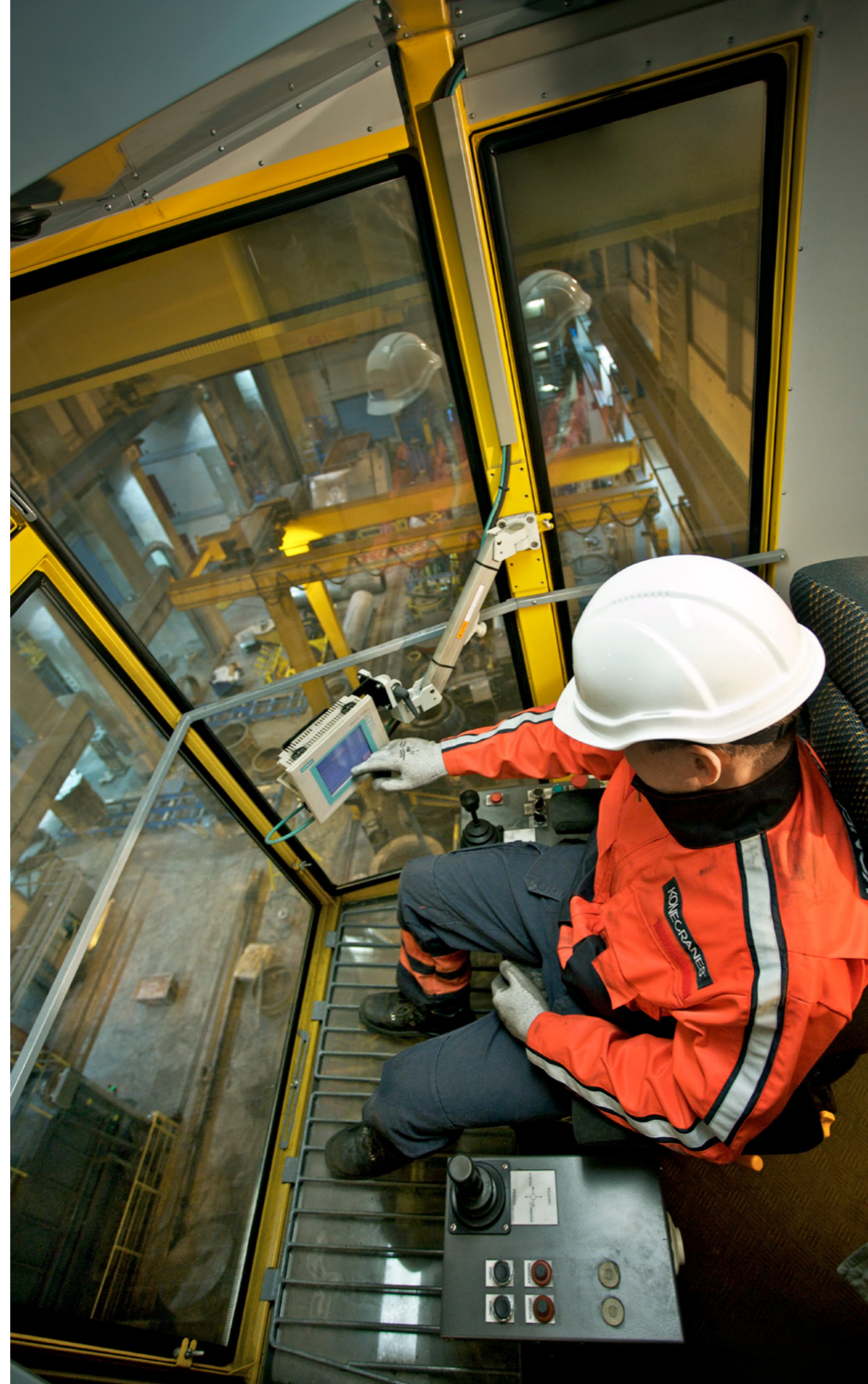
Using the latest technology

We are a leader in material handling—developing smart, connected products and autonomous solutions. Technologies like our Smart Features help reduce operator error and increase efficiency and our unique energy-saving solution uses regenerative network braking to reduce electricity costs and environmental impact.

Keeping your crane running

We train your people to operate and take care of your crane. We can also provide specialized maintenance services throughout the lifetime of your cranes. Maintenance done properly is an investment, not a cost.

Working together, our goal is to keep your lifting equipment working safely and efficiently for a long time to come.



Smarter, any way you look at it

Konecranes is known worldwide for creating and advancing lifting technology. We understand the harsh environment of the metals production process so we engineer our equipment to withstand tough operating conditions and use smart technology to make lifting operations safer and more efficient.

Improved efficiency and productivity in warehouse operations

The Konecranes Warehouse Management System (WMS) is designed for managing an automatic coil warehouse operated by cranes with mechanical grippers or magnets. The WMS manages transport orders, optimizes operating times, and provides real-time information on operating and system statuses for streamlined warehouse operations. The WMS consists of a basic module plus extension modules for yard management, production management and mobile robot management.



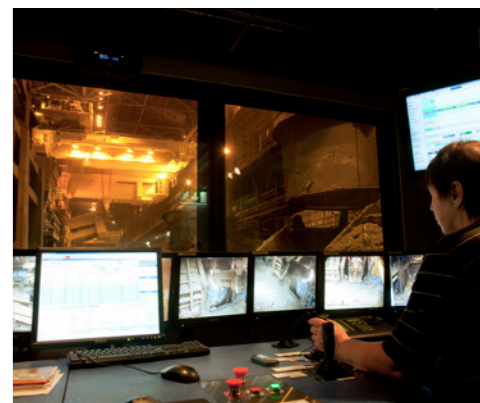
Intelligent lifting with Smart Features for load and area control

Smart Features are designed to improve the safety and productivity of your operations by giving you total control over your process tasks. With Smart Features operators become more efficient due to shorter load cycle times, helping increase productivity. And because the control system optimizes crane movement, your crane and its components wear more slowly, extending the life of the crane. Most importantly, though, safety improves because there is much less chance of human error.



Remote Operating Station: The ultimate user experience

The Remote Operating Station (ROS) provides a safe, ergonomic and comfortable working environment for crane operators. The ROS has the same controls as a cabin on the crane structure, but allows the crane to be controlled away from its operating area, without a direct line of sight to the crane structure. Fitted with the latest Konecranes technology, our ROS provides a safe and ergonomic work area to improve process flow and productivity. More efficient crane use means a longer crane life, and a better return on investment.



At your service

Regular inspections and maintenance are essential in keeping a crane running efficiently and extending its operating lifetime.

Preventive maintenance conducted at regularly scheduled intervals can often be the most effective way to maintain and potentially extend the lifespan of your cranes. Konecranes experts can help you build a service program—from basic inspections to a comprehensive maintenance program—tailored to your operations.

If you have your own in-house maintenance team, we can support them with a range of services that complement your maintenance actions. We can provide on-site support, parts analysis and inventory management, crane operator training, digital services and advanced services using proprietary software and techniques to deliver accurate information and expert recommendations for corrective actions.

Why choose Konecranes Service?

We have the largest and most extensive service network in the industry, servicing hundreds of thousands of assets each year in all kinds of industrial applications. You get the advantage of local inspectors and technicians with access to a wealth of knowledge from around the globe.

We take a comprehensive, systematic and collaborative approach to managing your assets throughout their lifecycle. We take time to share our findings with you, provide recommendations based on our industry-leading expertise and discuss how each action impacts your operations and the entire health of your business.

The power of data

TRUCONNECT Remote Service provides the visibility you need to fully understand the day-to-day use of your cranes. Your TRUCONNECT data combined with inspection and maintenance information can help you make informed decisions on maintenance, safety concerns, productivity, training, and service and equipment investments.

TRUCONNECT data is summarized in easy-to-read graphs and charts on the **Konecranes Portal**. If you have a Konecranes service agreement you can also see reports from your service visits, open safety and production risks and even an overview of spend by service type.

TRUCONNECT data can alert you to problems with your cranes before they give way to critical issues that can impair safety and performance, helping you plan and leaving less room for surprises. Analyzing TRUCONNECT data can also help you develop an operational baseline and identify opportunities for maintenance and process improvements.

TRUCONNECT Remote Monitoring

Remote Monitoring collects condition, usage and operating data from control systems and sensors on a crane and provides alerts of certain anomalies.

TRUCONNECT Brake Monitoring

Brake Monitoring data provides visibility into current brake air gap condition, estimates remaining service life and provides safety alerts via email.

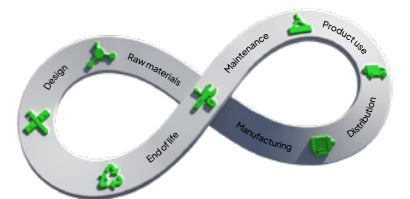
TRUCONNECT Wire Rope Monitoring

Wire Rope Monitoring provides a continuous view of rope condition through the use of sensors installed on the wire rope. It reveals both visible exterior defects as well as internal defects that are not detectable with a visual inspection.




Committed to sustainable lifting solutions

We are committed to providing sustainable solutions and services while preventing and minimizing emissions and waste. Lifecycle thinking combined with usability, eco-efficiency and safety guide us in our product design. Our aim is to maximize the lifecycle value of our products.





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).

© 2024 Konecranes. All rights reserved. 'Konecranes,' 'Moves what matters,' 'TRUCONNECT' and  are either registered trademarks or trademarks of Konecranes.

This publication is for general informational purposes only. Konecranes reserves the right at any time, without notice, to alter or discontinue the products and/or specifications referenced herein. This publication creates no warranty on the part of Konecranes, express or implied, including but not limited to any implied warranty or merchantability or fitness for a particular purpose.