

Laden container handlers for your world



What's your world like?

The circumstances of each lift truck driver can be very different: local environment, climate challenges, load capacities, height specifications and individual needs are just a few examples of how they can vary. By listening to you and observing your world, we can design and deliver a lift truck that is ideal for your requirements.

Built for your world

We understand that the world that matters most to you is your world, not ours. Here at Konecranes Lift Trucks, we listen to, learn from, design for, deliver to and support you to help you succeed in the unique conditions at your operations. Our lift trucks are your lift trucks. They are built for your world.

Taking on the world

Lift trucks carry the coffee we drink, the paper we write on, and the bricks that build our homes. Almost everything around us, from cocoa to car parts, has been transported by lift trucks at some time. They play an essential role in the logistics of international trade.

Since our humble beginnings in Sweden over 60 years ago, Konecranes Lift Trucks has risen to become a highly valued part of that global trade network, renowned for our quality design, advanced technology and innovative solutions that have transformed the heavy lifting business. And our lift trucks only exist because of our people, who personify our company with their expertise and tireless dedication.



"The machines from Konecranes are very reliable and good quality, which is very important for us living in the middle of nowhere here in the Faroe Islands. Only the best of the best is useful for us. And if necessary, we can always call for help, day and night and get the support we need."

-Johann Behrens, Fleet Manager, Faroe Ship, Faroe Islands

Branding your trucks

The Konecranes name is world famous for reliable, lasting and technologically advanced equipment for materials handling. Whether you need one or one hundred, a standardized fleet or machines specially tailored for your unique challenges, the Konecranes laden container handlers portfolio is as varied as our customers' requirements.

Your laden container handlers are special, and not just because they come from Konecranes. They play a key role in your operations on your shop floor, in your storage yard, or on your quay. So some customers like to personalize their trucks with company colors, logos or other identifying marks, to show how important their Konecranes laden container handlers are, while also making them truly unique.



Safety never ends

Material handling is dangerous work, so safety is the number one priority every single day. Because no two sites are exactly the same, we offer a wide variety of safety options to help you to maximize the safety of the people working in your world.



Top tips for improving safety

Every Konecranes laden container handler includes plenty of built-in safety features. Here are just a few of the ways you can improve the safety of your laden container handlers.

Work Zone

Use geofencing to remotely control the driving speed, height restrictions and working area of your laden container handlers. This is particularly useful in busy, high-traffic environments.

Cameras, sensors, lights and warnings

LED light bars, warning lights, reverse cameras and laser sensors all improve visibility and audible warnings (such as reverse alarms) help in low visibility conditions.

CheckApp

This mobile truck inspection tool guides drivers through truck inspections. Quicker and easier inspections mean safer trucks, and immediate results help you to plan ahead.

Start with prevention. Your technicians and drivers must be properly trained on Konecranes laden container handler. Then built-in safety features combined with preventive maintenance, CheckApp mobile inspections and taking advantage of Lifetime Advantage upgrades provide the safest laden container handlers you can imagine.

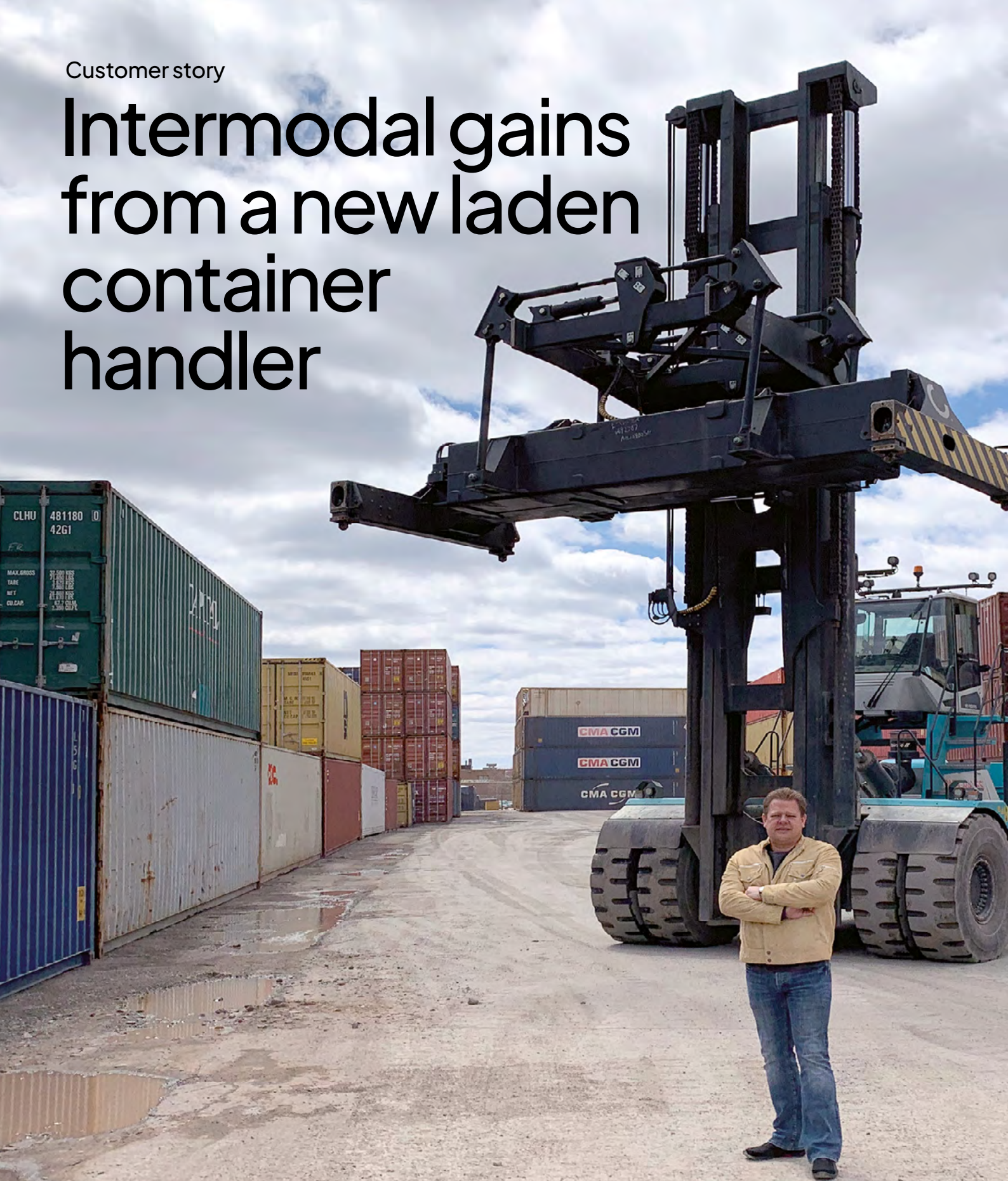
Konecranes uses secure Internet to ensure the safety of your usage data as it travels from the trucks to your KONECRANES.com, the customer portal where you can analyze and plan your operations in detail.

Standards matter Konecranes keeps up with regulatory changes to ensure that your laden container handlers comply with your local safety requirements, international safety standards and general good practice for the safe use of lifting equipment.



Innovations like Work Zone geofencing and Konecranes CheckApp are not important because they are cutting-edge, but because they make your work environment safer. They protect your drivers and ground staff.

Intermodal gains from a new laden container handler



P & W Intermodal is an intermodal division of TFI International, also known as Transforce. Located right in the heart of the Greater Toronto Area, next to Lake Ontario, it provides intermodal and container terminal services to steamship lines and freight forwarders in Canada and the United States.

Expanding to new capacity

In October 2017, P & W moved to a new, larger terminal due to an expected increase in business. They needed a new lift truck to help load and unload chassis and stack containers for storage in the bigger yard. So just after they moved, Konecranes delivered a Smart Connected SMV 45 GC5S laden container handler to round off their fleet. The truck helps optimize their operation by improving the flow of cargo through the new facility.

Active in ports and terminals, rail and intermodal, and in the industrial sector, local distributor Strongco has represented Konecranes across most of Canada since 2014. Since then, it has had great success and sold many Konecranes Forklift Trucks and Container Handlers all across Canada.

P & W has been a customer of theirs for more than 25 years. This time, when Strongco presented the options that matched their requirements, P & W selected a Konecranes vehicle.

Mark Joczys, Director of P & W Intermodal, says there were several reasons for this choice. "Its compact dimensions and maneuverability were absolutely necessary, due to some of the restricted spaces in the new terminal," he says. "I was very impressed with its smart connected features, such as load-sensing hydraulics, and fuel savings of over 30% compared with similar machines in my experience."

In addition, their new laden container handler runs on a powerful 11-liter Cummins engine with full torque, even at low engine speed. This Smart Connected Lift Truck was equipped with TRUCONNECT Premium, which adds tire



Company: P & W Intermodal

Industry: Intermodal

Country: Canada

pressure and shock sensors to standard use data such as fuel usage and eco-driving performance. It also includes the geofencing feature Work Zone, for improved safety and efficiency. Both the superior engine performance and the optimized operational efficiency that comes from TRUCONNECT helped Konecranes stand out from the competition.

Since they started using the lift truck, operators have commented on how fast and strong it is, despite its smaller size and weight. They are also very happy with the comfort of the new C series cabin, the ergonomic design of its instrumentation, and its wide visibility. Mr. Joczys says he's seen a significant increase in productivity.

Future purchase plans

Now that their fleet has one Konecranes Gen-C model laden container handler, Mr Joczys is very pleased with the equipment, and notes that his overall experience with the company – sales, product and service – has been excellent.

"P & W will need more replacement lift trucks in the future," he says, "and they will definitely be Konecranes Smart Connected Lift Trucks. They make our business stronger, as we can better utilize our assets and find cost reductions along the way."

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–Mark Joczys, Director, P & W Intermodal

Smart Connected Lift Trucks

We connect data, machines and people to provide you with the insights that allow you to optimize your laden container handler fleet.



yourKONECRANES

All the data from your Konecranes laden container handlers travels securely to our customer portal yourKONECRANES, a userfriendly single point of access for comprehensive information on your fleet and its performance. Customized settings simplify maintenance and asset management.

“Through yourKONECRANES.com, we can follow the performance of each truck, including productivity, operational efficiency and fuel consumption. We can also predict parts needed for future preventive maintenance and repair. This feature will optimize both time and resources.” says Mr. Yu Debin, General Manager of Tianjin Sinotrans Container Development.

To assist you in important operational decisions, we’ve made our laden container handlers smart and connected. Keep up to date with your equipment using analytics about the current condition by sending analytical data to the online customer portal yourKONECRANES. There you can adjust equipment settings, plan maintenance, and optimize your operations for your world.

Konecranes TRUCONNECT telematics and the yourKONECRANES customer portal offer near real-time monitoring and diagnostics. Online trucks allow you to follow truck movements, check oil, monitor tire pressure, improve energy consumption and much more that will boost the safety and efficiency of your operation.

In 2012, we sold our first Smart Connected Lift Truck. Since 2022, TRUCONNECT® has been standard on all new Konecranes lift trucks.



Explore more
www.kclifttrucks.com/digital-solutions

Get your Lifetime Advantage

After you purchase a Konecranes laden container handler, we offer you far more than just after-sales service. You can get resources for truck maintenance, fleet management, investment growth and safety enhancements, all backed up by a dependable support network.

Because this is available to you for the entire life cycle of your Konecranes laden container handler, we call it the Konecranes Lifetime Advantage. It’s a better experience.



A smarter maintenance experience

Our Smart Connected Lift Truck resources give you a clear view of your Konecranes machine. See its current status along with its overall performance. Then access simple-to-use tools such as CheckApp and Maintenance Planner to put your insights into action. A clear view leads to smart maintenance and a lifetime of reliable performance.



A wiser management experience

Konecranes digital tools help you to better assess the efficiency, cost effectiveness and productivity of your laden container handler fleet. Understand how your machines are being used, the driving patterns of your team, and the overall sustainability of your operation. Accurate, up-to-date knowledge means smarter decisions and a lifetime of fleet efficiency.



A cleverer investment experience

Your laden container handler fleet is a significant investment. We help you to preserve its value through our upgrade packages, retrofits and sustainability improvements. You get a feeling of “money well spent” with a reliable fleet that gives you a solid return on your investment. The longer you stay with us, the better your investment will look.



A safer driving experience

Safety is embedded in everything we do. It’s the first thing on our minds when designing our laden container handlers, when thinking about their maintenance, and when considering your drivers’ day-to-day machine handling experience. A safer laden container handler is a better laden container handler. Lifetime Advantage prioritizes safety in and around Konecranes laden container handlers.



A dependable team with experience

With the deep knowledge that comes from many decades of designing, manufacturing and selling laden container handlers, we offer you outstanding technology and expertise through carefully chosen distributors who are fully committed to the success of our customers. For the entire life cycle of your equipment, we will always be at your side.

Genuine Konecranes parts and promotions

Genuine Konecranes parts are the best protection for your investment increasing the reliability and performance of your Konecranes laden container handlers.

Explore more
kclifttrucks.com/lifetime-advantage



Konecranes Ecolifting

Every Konecranes laden container handlers is designed with environmental sustainability in mind. Our knowledge and innovative technologies help to make lifting and material flows more productive while minimizing waste, energy and time throughout the value chain.

HVO100

The latest generation of Konecranes laden container handlers can use HVO100, a 100% renewable and fossil-free chemical copy of diesel fuel made mostly of vegetable oil. With almost the same characteristics as regular diesel, it reduces carbon emissions by up to 90%. This is a fast and economical transition that doesn't require changes to your local infrastructure.

KONECRANES ecolifting



Less CO₂ per move

The Path to Ecolifting offers solutions that decrease your carbon footprint without reducing performance.

1. Change from conventional diesel to biofuel.
2. Make your diesel drives as eco-efficient as possible.
3. Step forward to fully electric equipment.

Eco-efficiency by default

Proper maintenance using genuine Konecranes parts and services extends the service life of your lift trucks with lower fuel consumption, less wear and tear and more efficient use of resources

Uncompromised performance

Konecranes Ecolifting future-proofs your lift truck fleet by significantly decreasing your fuel consumption, on-site emissions and overall carbon footprint without reducing performance. Not only do our factories use renewable energy, but our trucks are available with a range of technical innovations and energy options so that you can choose the solution that best suits your world.



Every industry has its own special requirements. The equipment must be customizable to your particular business, so you don't have to tailor your operations to the limitations of the equipment.

Driver-friendliness

For the driver spending countless hours in a lift truck, the most important thing is probably not the return on investment or the overall performance of the fleet. Drivers want to feel secure and comfortable, and have the opportunity to do their jobs with precision and effectiveness.

Meeting the needs of drivers



The OPTIMA cabin is designed to enhance comfort, safety, and productivity for Konecranes lift truck operators. It is the market leader in terms of visibility, featuring large, unobstructed windows that provide remarkable sightlines in all directions. The cabin also includes an integrated touch screen for full monitoring of vital components and ergonomic instrumentation for easy access to controls. The driving experience is further improved with adjustable seating, climate control, and low noise levels. Its robust steel structure ensures durability, while customizable options like lift controls and cabin positioning cater to various operational needs.

02 OUTSTANDING ERGONOMICS

With driver-focused design, the OPTIMA cabin is one of the most spacious on the market. Everything is within easy reach.

03 CURVED GLASS GIVES REMARKABLE VISIBILITY

Drivers have an exceptional range of vision through very large, lowered windows with no corner posts, a thin but very strong roof crossmember, and curved panels.

04 HEAVY-DUTY BOX-TYPE CHASSIS

The strongest on the market. The foundation of long-lasting high performance.

05 RELIABLE LIFTING

Lift masts adapted for laden container handling. Hoses and cables kept to a minimum for low maintenance costs and maximum uptime.

01 SINGLE STACKING SPREADER

Toplift handling of 20–40 ft containers, 45–53 ft containers are lifted in 40 ft position with the 4 twistlocks. There are 4 lift eyes for sling cargo, large sideshift, reach in & out, slew left & right, and mechanical pile slope. Large sideshift, mechanical pile slope, and optional hydraulic pile slope.

06 EXCELLENT STABILITY

Wide drive axle and long wheelbase: the two keys to excellent stability.

07 POWERFUL ENGINE

A certified low-emission engine provides extra-high torque at low revs for reduced fuel consumption, driveline adjustments improve efficiency still further and HVO100 biofuel minimizes emissions.

08 MAINTENANCE-FREE BRAKES

Brakes with continuous oil cooling provide full braking power in every situation.



People are your most valuable asset. Driver-friendly trucks facilitate the well-being and work of the drivers. Cabins that are well-designed for long shifts and demanding conditions lead to relaxed and more effective drivers. Konecranes cabins put your drivers in a position to succeed – to be their best at what they do.

We have the attachment

Lift your containers with the right attachment.



Spreader for laden containers

Telescopic toplift spreader for laden ISO containers with capacity up to 45 tons. Strong and well-proven parallel double beam spreader design, pendular twistlock system (± 10 mm) with hydraulic operation and mechanical safety locking. Hydraulic cylinder extension (20–40 ft), large sideshift (± 200 mm), reach in/out (0–240 mm), and slew left/right (± 6 degr.). Spreader side tilt with stroke of ± 5 deg (MPS mechanical pile slope) and 4 lift eyes included for slings (45 tonnes). Hydraulic pile slope HPS is optional (± 6 degr.). The spreader frame and the end beams are of strong heavy-duty design. Weight 818-MPS/HPS is appr 7000 kg.





Taking container handling to a higher level

When you buy a Konecranes laden container handler, you are investing in time-tested technology with innovative, eco-efficient features to enhance productivity and cut lifecycle costs. We offer a range of solutions and technologies to reduce engine, drive train and tire wear,

extend the functional life of your laden container handler and decrease your running expenses. When your lifting needs change, a well-maintained laden container handler also has high resale value.



26–35 Tons
3–4 high
Low Cabin

MODEL NAME	CAPACITY	WHEELBASE
SMV 33 GC3–GC4	30/26 tons at 1490/1730mm	4750mm
SMV 37 GC3–GC4	35/33 tons at 1490/1730mm	5000mm



33–35 Tons
4 high
High/Mid Cabin

MODEL NAME	CAPACITY	WHEELBASE
SMV 37 GC4S	35/33 tons at 1490/1730mm	5000mm



41–45 Tons
3–4 high
Low Cabin

MODEL NAME	CAPACITY	WHEELBASE
SMV 45 GC3–GC4	43/41 tons at 1490/1730mm	5500mm
SMV 52 GC3–GC4	45/43 tons at 1490/1730mm	6000mm



36–45 Tons
4–5–6 high
High/Mid/Rear Cabin

MODEL NAME	CAPACITY	WHEELBASE
SMV45 GC3S–GC4S	43/41 tons at 1490/1730mm	5500mm
SMV 45 GC5S	42/41 tons at 1490/1730mm	5500mm
SMV 52 GC3S–4S–5S	45/43 tons at 1490/1730mm	6000mm
SMV 52 GC6R	38.5/36.3 tons at 1490/1730mm	6000mm



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 16,800 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2024, Group sales totalled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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Customer stories:
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