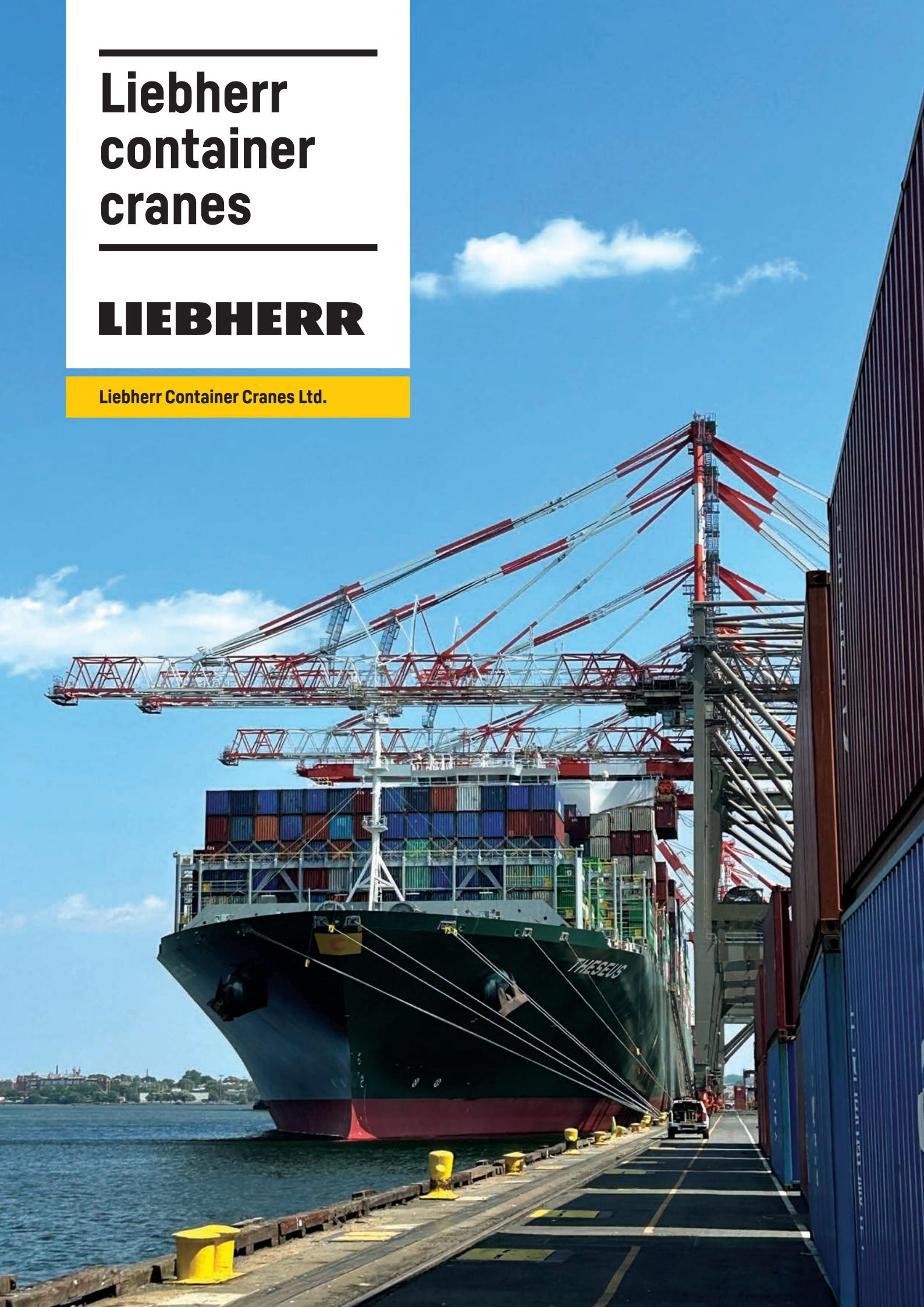

Liebherr container cranes

LIEBHERR

Liebherr Container Cranes Ltd.





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Liebherr Container Cranes Ltd. designs, manufactures and installs a complete range of rail mounted ship to shore cranes, container stacking cranes, rubber tyre gantry cranes and straddle carriers.

Liebherr has an exceptional reputation worldwide for the supply of high performance, ultrareliable equipment and has supplied container cranes of all sizes to over 150 ports and terminals in over 60 countries of the world. The cranes are designed, manufactured and assembled at our specialist crane engineering factory in Killarney, Republic of Ireland, and erected and tested by experienced Liebherr personnel.

Key components are pre-assembled and tested in the factory before shipment to site, thus ensuring that the time required for erection and commissioning is kept to the absolute minimum.

Ship to shore container cranes



Port of Southampton, UK

Liebherr ship to shore container cranes are custom designed in a range of sizes and outreaches to work all ship sizes from panamax through to the latest generation of megamax vessels. Our STS cranes feature a single boom/ beam design with a patented monobox lattice structure, allowing for a lightweight, superior crane with a low centre of gravity.

Panamax



Panamax ship to shore container cranes (curve going), Racine Terminal, Port of Montreal, Canada

Post panamax



Post panamax ship to shore container cranes, Koper, Slovenia

Super post panamax



Super post panamax ship to shore container cranes, Puerto Central, San Antonio, Chile

Megamax



Megamax ship to shore container cranes, Port of Southampton, U.K.

Innovative design



Dual Trolley STS

With over 50 years of experience in container crane design and manufacturing, Liebherr's team of experienced engineers and designers provide custom solutions for today's challenges.



Double boom STS



Articulated boom STS



Narrow span STS



Wide span STS

Rubber tyre gantry cranes



Electric rubber tyre gantry cranes, DBGT, Tuticorin, India.

Liebherr RTGs feature an eight rope reeving anti-sway system and simultaneous drive motion of all drives. With increased productivity levels when compared with alternative designs, overall capital investment and costs per box handled are substantially reduced.

Rail mounted gantry cranes



Wide span ship to shore stacking cranes, Gavle Container Terminal, Sweden

Rail mounted gantry cranes are manufactured to individual customer needs in a variety of different configurations. Stacking heights of up to eight containers high can be supplied, with custom spans and outreaches. Each RMG features Liebherr's crane management and reporting software and is designed for manual or automatic operation. The application of Liebherr's eight rope reeving anti-sway system and simultaneous motion of all drives leads to increased productivity when compared with alternative designs.

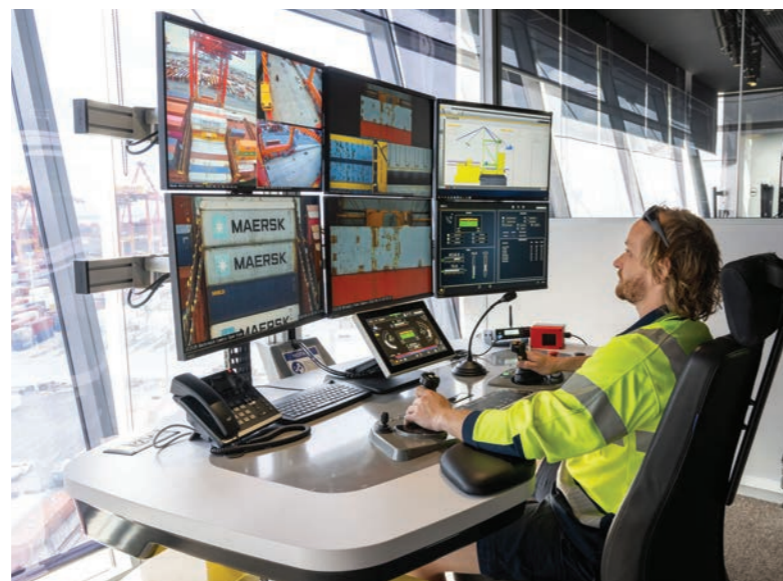
Automation



CSX Intermodal Terminals, North Carolina, USA

Automation systems from Liebherr allow you to increase safety, productivity, predictability and reliability whilst reducing maintenance and environmental impact. Allowing algorithms to take care of the most monotonous tasks with human intervention only when needed ensures a better all-round performance.

The Liebherr Remote Operator Station (ROS) allows the crane operator to work in the comfort of an office environment whilst providing the same control as an on-board operator.



Benefits of Liebherr Automation Systems

Sustainability

Liebherr Automation Systems ensure that your equipment is performing optimally. Each movement is measured and precise, eliminating waste, resulting in reduced power requirements, reduced emissions, and reduced noise.

Safety

The introduction of smart technology reduces the opportunity for human error. Extensive safety protocols are embedded throughout our automation systems.

Efficiency

Automation brings many benefits including increased predictability, allowing improved operational planning with greater visibility. Operating 24 hours a day, the machines don't get tired and can carry out housekeeping of the stack in quieter periods, growing capacity and throughput.



Advanced manufacturing technology

We leverage cutting-edge manufacturing technologies to ensure our products are built to the highest standards of quality. From precision engineering to advanced automation, our state-of-the-art processes guarantee reliability and excellence in every crane we produce. Our commitment to continuous investment in our people, processes, and machinery ensures we remain at the forefront of innovation.





Assembly and testing

Before a crane is dispatched, all electrical and machinery houses are assembled and electrically connected prior to testing. Container crane and RTG gantry bogies are assembled. Main beams and booms are equipped with cabling, lights etc. Trolleys and cabins and drives are assembled, wired, and tested, under no load conditions ready for shipping. Extensive testing in final assembly ensures a fast and efficient installation.





Quality control



Our in-house quality control team, composed of experienced inspectors and engineers, ensures that all incoming goods meet standards, and oversees the entire manufacturing process. They conduct tests in the workshop and manage the dispatch of cranes and spare parts.

Upon receipt, structural steel is inspected for dimensions and defects, with ultrasonic checks performed throughout production. Welds are visually inspected and tested using non-destructive methods (NDT). Selected welds undergo rigorous NDT, including ultrasonic, phased array ultrasonic, or magnetic particle inspection. Our welding and welding procedures are fully certified by DVS Zert in line with ISO 3834-2 and ISO 9001.



Transport and installation

Liebherr boasts extensive experience in shipping cranes worldwide, offering a range of shipping options to suit every need. Traditionally, cranes are shipped from Ireland in large, preassembled components and assembled on-site. Depending on the destination port's operational parameters, we also offer fully or partly assembled delivery from Ireland or a nearby assembly site. To expedite on-site installation, crane sections are preassembled and rigorously tested before being loaded onto the delivery vessel.



Our engineers meticulously plan each installation in close collaboration with the client. Every crane installation is managed and supervised by our skilled Liebherr personnel, whose broad international experience under diverse working and climatic conditions is a key factor in our global success.





Customer service - your partner throughout

Liebherr firmly believes in the concept of partnership throughout the entire lifecycle of your crane. Our experienced and proficient customer service team are available to ensure your crane runs smoothly. With our technical support, original parts, and training we ensure you have everything needed to maintain peak performance in a cost-efficient manner.

As your operation evolves, you might need to enhance your crane with the latest technologies to meet new challenges or seize new opportunities. Our upgrade service, Liebherr Transform supports you to modernise your crane to meet those changing demands.



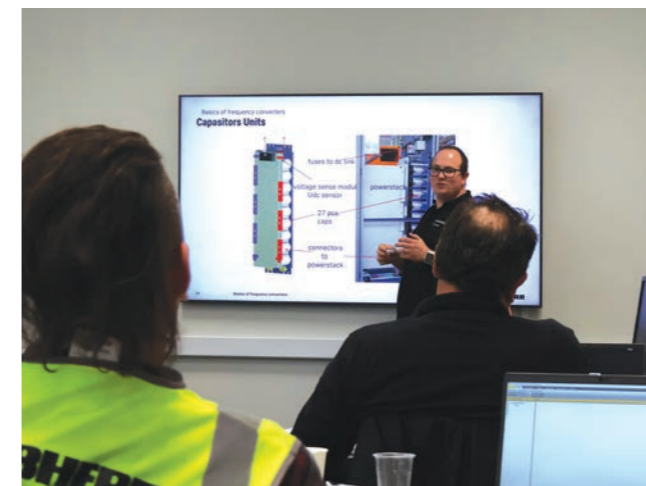
Parts

Extensive factory testing and careful selection of high-quality components results in low demand for spare parts, keeping lifecycle cost to a minimum. Our expert team of specialists and global distribution hubs are on hand to fulfil your order in a prompt manner.



Service and support

Our customer focus, commitment to quality, innovation, and dedication guarantee exceptional service. Our expanding network of skilled service engineers and technical advisors ensures quick response times and maximum productivity. Maintain peak performance through the life of your crane with inspections and services by Liebherr.



Training

Our mission is to empower your team through our factory experts and global network of training hubs, ensuring the highest quality and standards. Committed to a customer-centric approach, we deliver training packages tailored to meet your specific demands. Comprehensive training courses for both operators and maintenance are available, which are delivered through a blend of theoretical and practical for knowledge sharing.



CarePacks

The reliability of your cranes is very important to us. You can only plan efficiently and attain your objectives with a fleet that is ready for use. With Liebherr CarePacks we offer you customised solutions to guarantee the long service life of your container cranes. With a variety of care packs on offer, there is one to meet your maintenance and care requirements.

Liebherr Transform

Unleash the full potential

Liebherr Transform is the upgrade and modification service from Liebherr Container Cranes. Ports and terminals are under relentless pressure to reduce costs and boost performance through increased productivity, faster turnarounds, and reduction in equipment downtime. Unleash the full potential of your container cranes with a manageable financial investment. Liebherr Transform uses the best available technologies to make your crane stronger, faster, smarter, greener and ultimately... better!



Stronger

Liebherr Transform offers affordable and clever retrofits, and modernisations that restore and enhance productivity through, for example, increased safe working loads, increased lift height, or increased power.

Faster

Enhance your machine's performance with a comprehensive range of electrical, mechanical, and ergonomic upgrades and retrofits.

Smarter

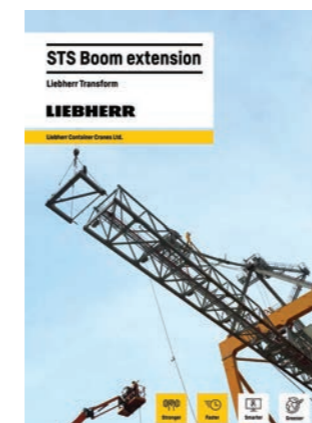
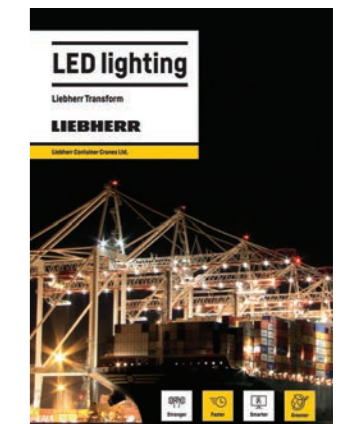
A range of technologies and retrofits to modernise your crane and prepare it for the future. Automation, planning, simulation, data analysis and diagnostics: all making your crane more intelligent

Greener

Liebherr Transform's selection of sustainable upgrades allows you to meet increasing environmental requirements, extend the service life of your crane, and be a part of tomorrow's sustainable supply chains.

Upgrades

Starting with on-site consulting and demand planning through to actual installations, we are at your side as a strong solution partner. We offer a wide range of upgrades to ensure your machine continues to meet and exceed all the requirements of new legislation and standards, and maintains the high level of versatility required for the jobsite of the future.



Liebherr ethos



Future-proof technology

Liebherr utilises the latest technology, ensuring that all Liebherr cranes are built to be future proof. With Liebherr's architecture and software, expensive upgrades are avoided. Technology such as automation and semi automation, positioning systems, profiling, OCR and collision avoidance systems, ensure that Liebherr cranes achieve industry leading productivity levels.



That Liebherr quality

Built through decades of hard work, our reputation for quality is well earned. When it comes to performance, Liebherr cranes set the bar high. Engineered for durability and precision, our cranes deliver consistent results, even in the most demanding of conditions. We pride ourselves on reliability and productivity, ensuring that your containers move smoothly and efficiently, every time.



Sustainability

Nestled next to Killarney National Park, sustainability is a cornerstone of our business. Our production processes and cranes are designed with the environment in mind, incorporating the latest technologies to reduce our carbon footprint. We aim to create greener ports, become a key component of sustainable supply chains, and ensure that tomorrow's commerce doesn't compromise the world we live in today.



Local support

With a global network of sales and service companies, Liebherr expertise is always close at hand. From initial contact with our sales team to the skilled engineers who support your cranes and business, you can count on local support throughout your crane's lifecycle. Our local teams speak your language and offer reliable support in sales, parts, preventative maintenance, consultation, and training.



Total cost of ownership

Investing in a premium product ensures long-term savings. Our commitment to quality, reliability and innovation results in lower maintenance costs and unrivalled availability. We focus on delivering value, ensuring that your investment yields measurable results through out.



Cybersecurity

In today's world, cybersecurity and safety are paramount. At Liebherr, we are committed to ensuring our cranes provide a secure operating environment, protecting your data and operations from malicious actors. We source our subcomponents from reputable European suppliers and manufacture our cranes in Ireland. Each crane is built to customer specifications using the latest manufacturing technology and adheres to the highest international standards.



Product Range

Liebherr Container Cranes supply ship to shore container cranes, rail mounted gantry cranes and rubber tyre gantry cranes, designed to custom specifications, to discerning customers worldwide. Liebherr cranes have been designed and built in Killarney, Ireland since 1958, with the first container crane being manufactured in 1967. Each crane manufactured today, is built on the strength of this vast experience and innovation.

Exceptional Customer Support

Liebherr is a one-stop shop for customer and product support for the lifetime of the crane. From our base in Ireland, we offer spares and service worldwide. Service is available round the clock, 24/7 and is just a call away at any time of the day or night.

State-of-the-art Technology

Developed in house and utilising the latest technology and considerable experience of the Liebherr group, our cranes offer an extensive suite of productivity and safety technologies from automation to 3D profiling to boost throughput and efficiency.

Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 140 companies with over 50,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

