

**KRØLL CRANES**

OUR CRANES  
BUILD THE WORLD



### Our cranes build the world

In 1978, Krøll designed and built the world's largest tower crane. It was called the K10,000, and it was used to construct power plants. It's still the largest tower crane in the world.

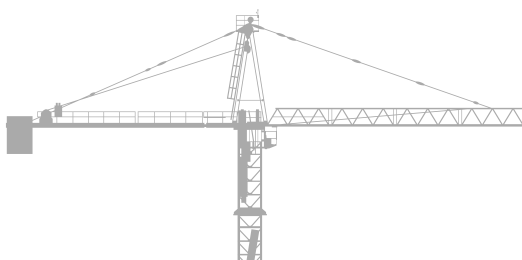
Since building the K10,000, Krøll has specialised in heavy duty tower cranes, and is today the world leader in the field. We deliver cranes across the globe for heavy construction, power plants, shipyards, and other specialist fields. Our products range from 70 to 25,000 tonnes metres. No matter how big or small the crane, Krøll always offers the highest manufacturing standards and superior technology.

### The best of both worlds

Krøll is an independent brand. We have 50 employees, which lets us offer custom-made products with a personal touch. We are adaptable and flexible, and take enormous pride in designing cranes to serve our customers' specific needs.

But we are also part of the Favelle Favco network, which has more than 1,000 employees around the world, and has supplied the cranes that built nine out of the world's 10 tallest buildings.

This gives us and our clients an all-important back-up, experience and the resources that come with being part of a major corporation.





**KRØLL HAS BEEN DESIGNING AND MANUFACTURING  
QUALITY TOWER CRANES FOR MORE THAN 50 YEARS.**

#### **IKEA on steroids**

Located on the outskirts of Copenhagen, we are in easy reach of all major transport routes, easily minimizing shipping costs.

Every Krøll crane is made in Denmark, drawing on a long history of superior Danish quality and design, and at every stage, we make the utmost effort to reduce our carbon footprint.

Our ISO 9001 certification ensures quality products on top of our determination to guarantee a safe working environment and a healthy natural environment.

From our premises, we deliver the world's largest assembly kits, like flat-packs for giants. But your projects are thoroughly supervised from start to finish – and even beyond, thanks to our 24/7 hotline and experienced service engineers who are ready, at the drop of a hat, to travel anywhere in the world to offer on-site technical assistance.



## FROM 70 TO 25,000 TM



### **Crafting construction**

Nothing tops a heavy-duty Krøll crane in terms of quality, flexibility and reliability. For construction jobs ranging from 70 to 25,000 tm, whatever the conditions, you can count on Krøll for a specialised solution.

When the load is extreme and you need a long reach where crawlers just aren't a realistic solution, you can turn to the world leaders in heavy-duty tower cranes. No matter what size crane, you know you'll be receiving the highest manufacturing standards and top of the range technology.

### **At the heart of construction**

A crane is the heart and soul of every construction site. As the most expensive single piece of equipment, every second counts. Because when the crane stops, construction stops.

We at Krøll build the industry's most reliable cranes, of the highest quality and demanding minimum maintenance.

Our carefully devised complete solutions can be tailored to your specific needs.

With a focus on quality and care, your construction is safe in our hands.



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[WWW.KROLLCRANES.COM](http://WWW.KROLLCRANES.COM)



K-550 + K-420 + K-320 - Aarhus, Denmark





# WORLD'S LARGEST HAMMERHEAD TOWER CRANE K10000



## Powering up

We were making power plants before it was cool - and even when it wasn't. And as the technology advances and the demand for power solutions grows, it is once more the field in which we truly shine.

Take the K10,000. Originally designed for building nuclear power plants, after 30 years it is still the world's largest hammerhead tower crane. Today, it is active in shipyards around the world. We've got blueprints for a crane more than twice as large - in preparation for building the future.

## Timely and profitable

Any one of our range of heavy cranes, from 1,000 tm to 25,000 tm, can significantly reduce your construction time.

With sturdy construction that withstands the windiest of weather, a Krøll tower crane sets the standard for a smooth project and a positive return of investment.



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K-10000 - Syncrude, Canada



K-10000 - Samjim, China

### **Quick and cost-effective**

For decades, our cranes have helped build power plants all over the world in record time. Kröll K10,000 cranes cut construction for nuclear plants by six months - that's hundreds of millions of dollars in savings.

China, USA, Russia (and the former USSR), New Zealand and India are just some of the countries where using a Kröll crane to construct hydro fuel, fossil fuel and nuclear plants has helped guarantee a profitable project.



### **Global asset**

Cranes operating in shipyards and bulk-handling terminals are permanent installations, requiring consistent durability in a tough environment.

Since the 80s, we have been working closely with South Korea's gargantuan Daewoo and Samsung shipyards. Daewoo was and is our largest client.

We are proud to have more than 30 cranes catering to the heavy duty requirements of building some of the world's largest container ships, amongst them the Maersk fleet.

### **A perfect fit**

The hardiness and durability of our cranes makes them an ideal match for shipyards. Quality gear-boxes and motors and our unique surface treatment ensure a long, rust-free life for our products. It's a quality solution with minimal maintenance.

Our innovative designs come in all shapes and sizes, including bulk-handling cranes. From start to finish, we ensure your terminal's productivity remains sky high.



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IDEAL MATCH  
FOR PORTS AND SHIPYARDS**





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K3000 - DSME, South Korea

### **Streamlined for success**

High capacity, precision operator control and good mobility mean our bespoke cranes eliminate the problems presented by a forest of 30-40 smaller cranes.

The long reach, free standing height under hook and room under the portal for traffic, not to mention storage between the rail tracks, means our cranes are just the job.



K1203V - Jurong Port, Singapore



K400D - Vietnam



K320 - Bangkok

### **Bridging the gap**

Bridge-building is a stormy affair. Demanding conditions and tough tasks demand creative solutions. Bridge pylons come in all shapes and sizes, and we can take care of them all. Krøll provides the most flexible designs, the best specialised equipment, and the fastest crane-climbing rate in the business.

### **Strong and secure**

A mighty Krøll crane can endure up to the strongest winds, making it cost-effective and efficient when building bridges. We use only quality steel (mill-certified EN standard) that stands unsupported for greater heights - we only need ties every 50 metres or so, where others typically need them every 15-20 metres.



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**REMAINS SKY HIGH**



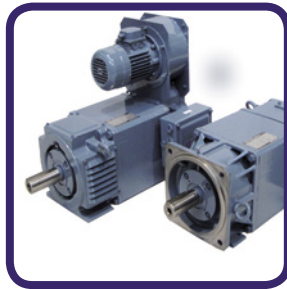


# OUR CRANES BUILD THE WORLD

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**SIEMENS**

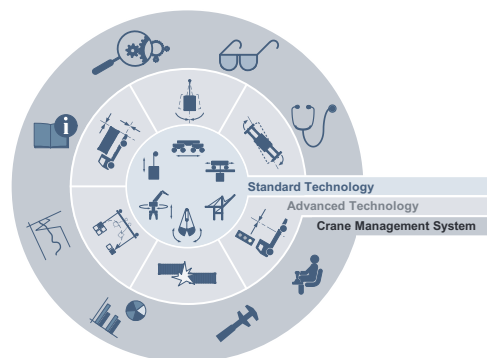
# The first choice for optimum crane performance: Siemens Engineered Solutions

[www.siemens.com/cranes](http://www.siemens.com/cranes)

With more than 100 years of working experience in cranes, Siemens is an excellent partner for meeting your demands and fulfilling your expectations.

Our specific crane knowledge enables us to support you from the initial planning, consultation, design and implementation to the commissioning, training, parts supply and after sales service.

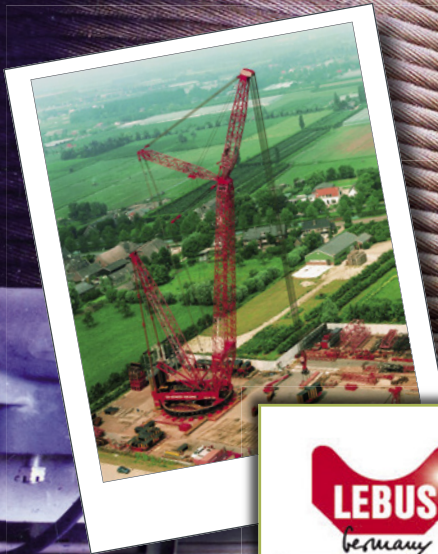
Siemens integration on your crane ensures delivery of a crane that meets the highest performance and safety requirements by using properly selected and dimensioned hardware and software components.



**Answers for industry.**



- Leading international manufacturer of wire-rope spooling systems
- There is only one original – the Lebus groove
- Advanced spooling technology – Lebus knows how
- The original Lebus spooling system
- Original Lebus wire rope spooling technology



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**future**

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FOR FURTHER INFORMATION VISIT [WWW.JVPSTEEL.COM](http://WWW.JVPSTEEL.COM)



# dufour

Vi udfordrer en hver overflade

Vi tilbyder alle former for afrensning og overfladebehandling – også de mere usædvanlige.



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## Rothe Erde® Slewing Bearings for Tower Cranes

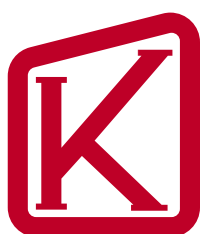
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