

**SMARTON<sup>®</sup> AND UNITON<sup>®</sup>**

# **CRANES FOR THE TOUGHEST OPERATIONS**





# SMARTON AND UNITON: TWO CRANES – MANY USES

A SMARTON crane is especially good at heavy lifting in assembly and maintenance. UNITON is best at process duties, in those places you need to lift high-volume materials.

## A WIDE RANGE OF FEATURES

SMARTON and UNITON use the latest crane technology to improve your safety and productivity by helping your operators maintain full control of every load.

## RUGGED AND ADAPTABLE

The SMARTON and UNITON cranes are made to last with heavy-duty use every day. A flexible, modular design means that your crane can be easily adapted for almost any industrial lifting application.

## KONECRANES COMPONENTS

We design and manufacture all the core components in the SMARTON and UNITON cranes. Our aim is to make every part of your crane fully compatible and always reliable.

## FULLY TESTED

Components made by Konecranes are tested thoroughly during manufacturing. They are type tested, batch tested and developed in our Reliability Center. All cranes assembled in our factories undergo Factory Acceptance Test (FAT). After site commissioning, they are then put through an Site Acceptance Test (SAT) before we hand them over to you.

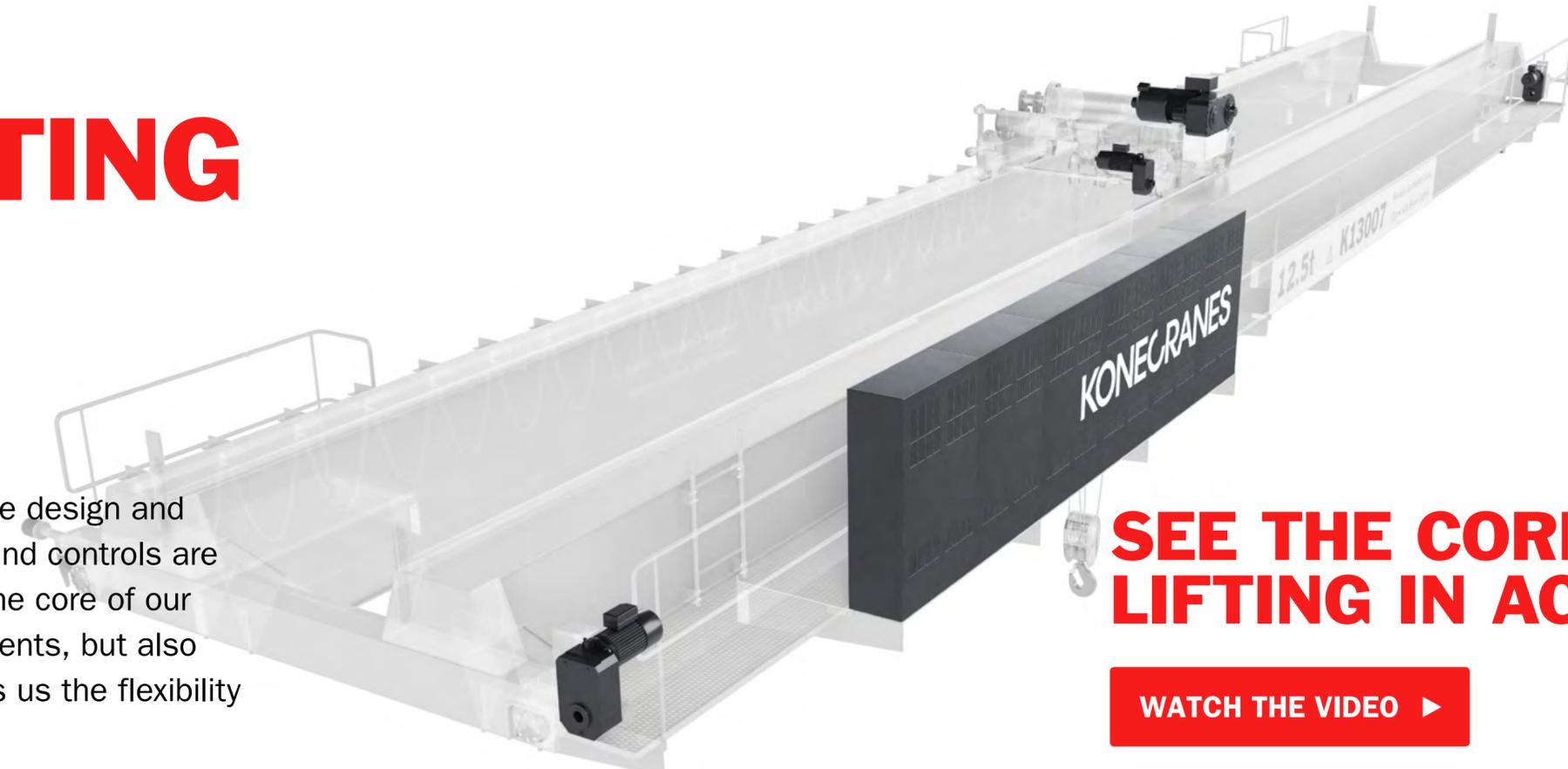
## [yourKONECRANES.com](https://www.konecranes.com)

Customers with a maintenance agreement have access to our cloud-based customer portal. Usage, maintenance and safety data and asset details are linked, giving a transparent view of all activities over any selected time interval.



# CORE OF LIFTING IN SMARTON AND UNITON

Our cranes are built around key components that we design and manufacture in-house. Konecranes gears, motors and controls are made only for cranes and are fully integrated into the core of our crane technology. We don't just design the components, but also the interactions between them. This approach gives us the flexibility to find the right solution for your lifting needs.



**SEE THE CORE OF  
LIFTING IN ACTION**

[WATCH THE VIDEO ▶](#)

## GEARS

- ⊕ Fully integrated into the crane
- ⊕ Uses the latest crane technology
- ⊕ Good design maximizes safety
- ⊕ Technical details

## MOTORS

- ⊕ Motors meant for cranes
- ⊕ Adapted for the demands of your industry
- ⊕ Thorough testing improves quality and safety
- ⊕ International standards compliance

## CONTROLS

- ⊕ Integrated controls means a safer and more reliable crane
- ⊕ Intuitive and easy to use
- ⊕ Smart Feature options enhance safety and productivity
- ⊕ Collecting, reading and understanding data



# SMARTON

SMARTON is a compact open winch electric overhead crane. With intelligent mechanical design, energy efficiency, and a wide range of features, it lifts up to 250 tons for demanding assembly and maintenance work. Each SMARTON is specially configured for its particular operating conditions, giving you a tough, easily adaptable crane for your lifting needs.

- **THE LATEST CRANE TECHNOLOGY AVAILABLE**
- **EXTREMELY COMPACT SIZE**
- **FULL RANGE OF SAFETY FEATURES**
- **SPECIALLY TAILORED TO YOUR REQUIREMENTS**
- **CORE COMPONENTS DESIGNED AND MANUFACTURED IN-HOUSE ESPECIALLY FOR LIFTING**



**SEE SMARTON  
CRANES IN ACTION**



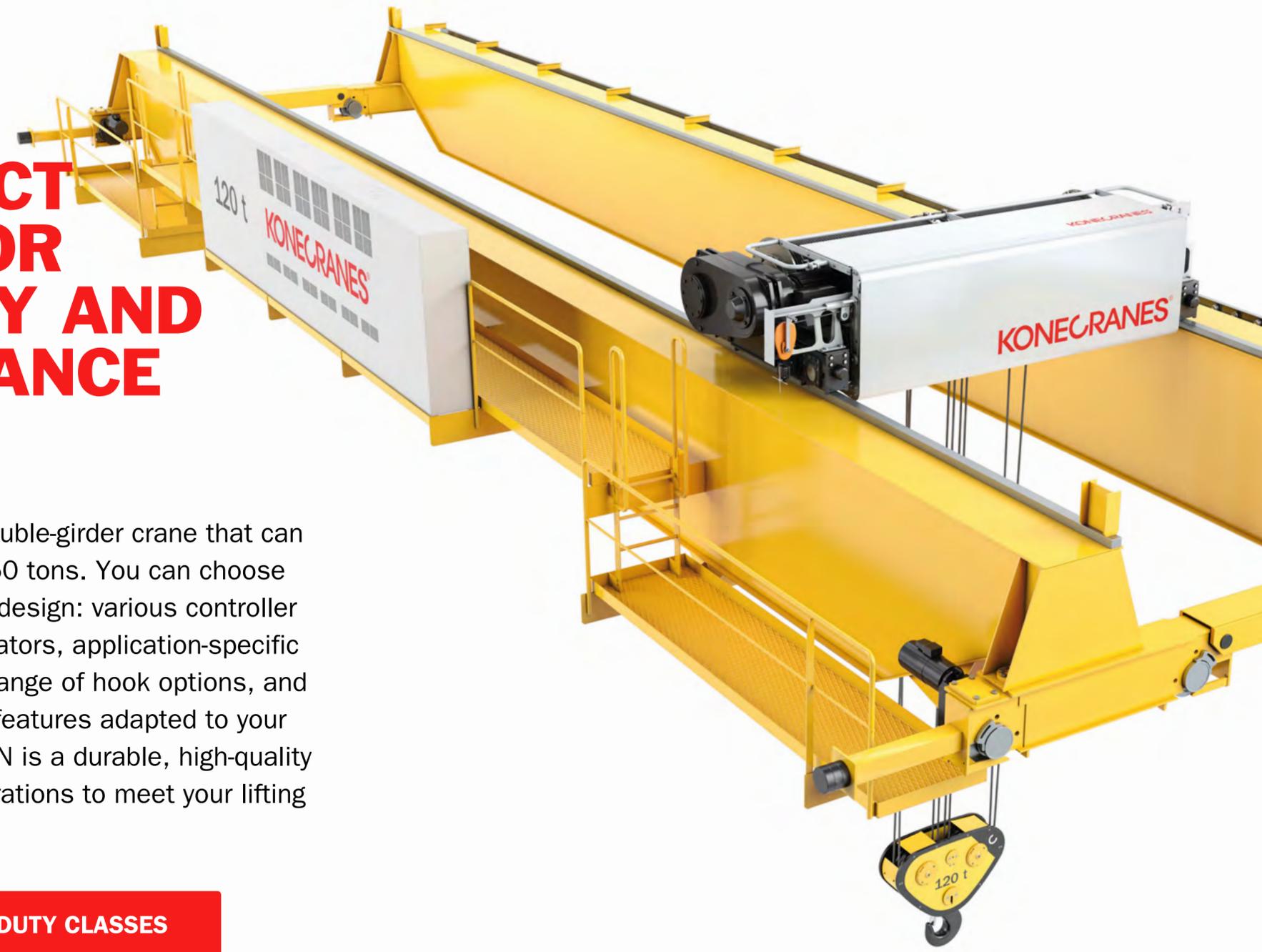
**LEARN MORE ABOUT TECH SPECS AND INDUSTRIES**



# A COMPACT CRANE FOR ASSEMBLY AND MAINTENANCE USE

SMARTON is a powerful double-girder crane that can lift any load from 6.3 to 250 tons. You can choose almost every aspect of its design: various controller alternatives for crane operators, application-specific hoisting trolley layouts, a range of hook options, and a wide selection of safety features adapted to your particular facility. SMARTON is a durable, high-quality crane with enough configurations to meet your lifting needs for years to come.

[SEE LOAD RANGE AND DUTY CLASSES](#)



LEARN MORE ABOUT SMARTON COMPONENTS AND HIGHLIGHTS





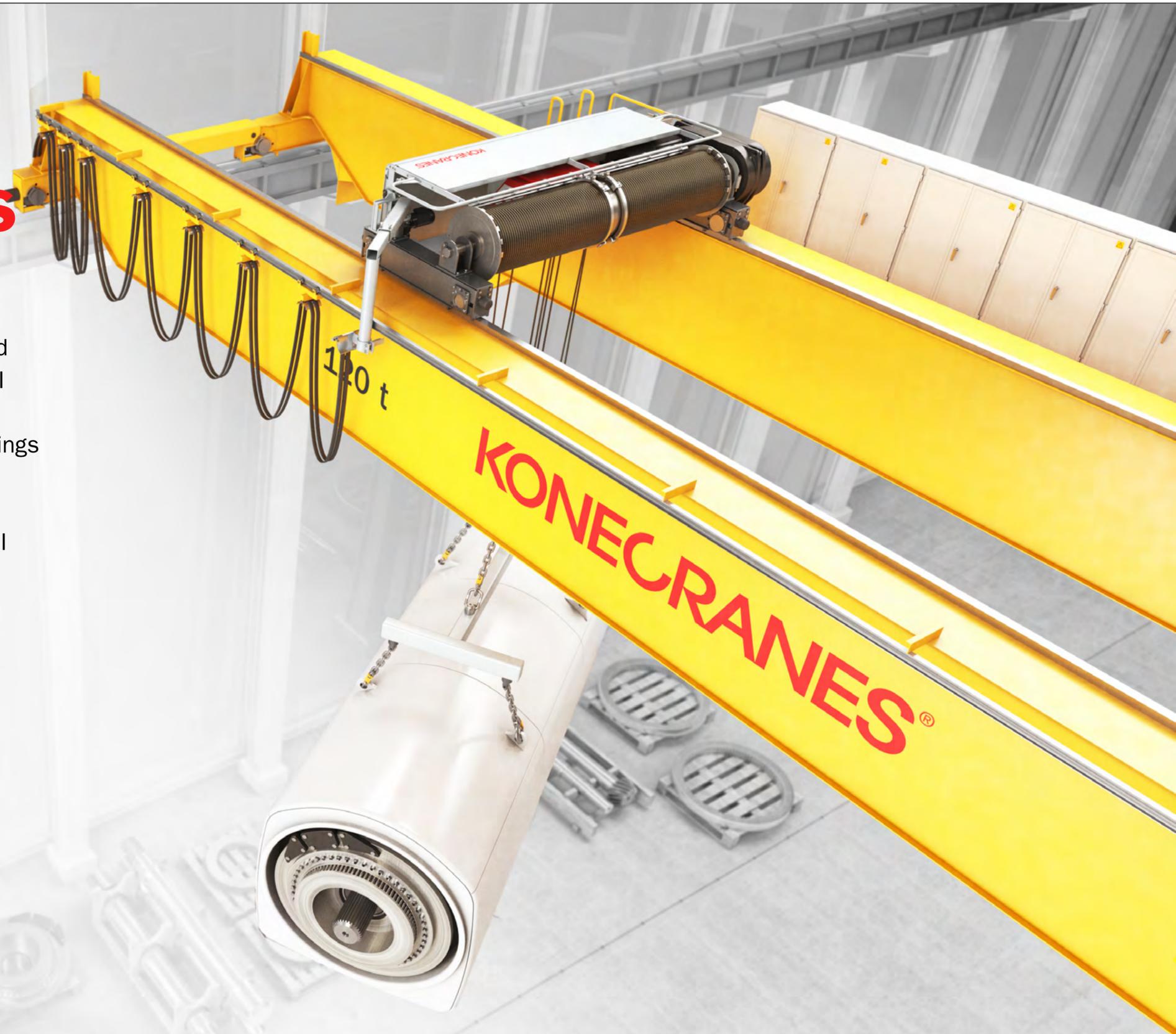
# YOUR ASSEMBLY AND MAINTENANCE PROCESSES JUST GOT EASIER

SMARTON was developed specifically for lifting that requires accurate and smooth movement. Using new developments in mechanical and electrical engineering combined with the latest lifting automation technology, this crane is ideal for precision movement. SMARTON is perfect for putting things together, moving heavy yet fragile objects, or performing maintenance.

In facilities such as power plants, SMARTON provides the kind of material handling suited to a workshop or routine maintenance tasks. Versatile, robust and strong, you can use it every day, or keep it as a reliable crane for only the most critical lifts.

## RECOMMENDED INDUSTRIES:

- GENERAL MANUFACTURING
- POWER
- PAPER AND FOREST
- AUTOMOTIVE
- MINING
- SHIPYARDS





# UNITON

UNITON is an open winch electric overhead crane. An easy-to-operate, energy-efficient crane, it is well-suited for demanding process applications. When designing and building a crane for you, we are careful to take into account your specific requirements. You will have a unique crane for your unique lifting needs.

- **SPECIALLY TAILORED TO YOUR REQUIREMENTS**
- **LOAD CONTROL MAKES LOAD HANDLING EASIER**
- **EXTENDED SPEED RANGE FOR IMPROVED EFFICIENCY**
- **SAFE AND RELIABLE PERFORMANCE**
- **CORE COMPONENTS MADE IN-HOUSE SPECIFICALLY FOR LIFTING**



**SEE UNITON  
CRANES IN ACTION**



**LEARN MORE ABOUT TECH SPECS AND INDUSTRIES**



# A STRONG CRANE FOR DEMANDING PROCESS USE

The robust UNITON crane can lift anything up to 160 tons. But the real strength of the crane lies in a modular design that gives you choice and flexibility like never before. You get exactly the right load and duty class, lifting heights and trolley gauge for your processes. It fits your facility and your needs exactly as you want it.

[SEE LOAD RANGE AND DUTY CLASSES](#)



LEARN MORE ABOUT UNITON COMPONENTS AND HIGHLIGHTS



[+ PROCESS USE](#)



[+ TROLLEY DESIGN](#)



[+ ESR AND ESR+](#)





# STREAMLINE YOUR PROCESSES

UNITON is a crane in demand. Made just for your facility, it helps improve your productivity, is energy efficient, and is easy to use. This crane manages heavy duty process applications smoothly and easily, across a wide range of industries.

In facilities such as steel and aluminium mills, a UNITON crane handles coils, aluminium ingots, slabs and pipes with ease. In an automotive plant, customized trolley configurations give you the flexibility you need to position and maintain stamping dies.

## RECOMMENDED INDUSTRIES:

- METAL PRODUCTION
- AUTOMOTIVE
- GENERAL MANUFACTURING
- PAPER AND FOREST
- MINING
- SHIPYARDS



# MODERN AND ADVANCED CRANE TECHNOLOGY

We have put our experience and knowledge together to bring you most advanced cranes on the market today. With an extensive range of intelligent features and sophisticated user interfaces, you can be sure that SMARTON and UNITON are leading the way in modern crane technology.

[WATCH THE VIDEO ▶](#)

## INTELLIGENT LIFTING WITH SMART FEATURES

Smart Features are designed to improve safety and reduce load cycle times by giving you total control over material handling.

[LEARN MORE](#)



## OPTIMIZE PROCESSES AND MAINTENANCE

Connect with your cranes through remote monitoring and our online customer portal.

[LEARN MORE](#)

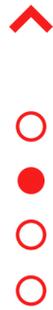


## TELLING CRANES WHAT TO DO

Radio controls, computer tablets, the Remote Operating Station and the Crane Management System offer you choices in how you control and monitor your crane.

[LEARN MORE](#)





# INTELLIGENT LIFTING WITH SMART FEATURES

Konecranes Smart Features represent the most advanced crane technology available. They are so clever, they help your SMARTON and UNITON cranes adopt the thinking of a human crane operator, making the real operator’s job easier.

## MANY WAYS TO MORE CONTROLLED LIFTING

Would you like to change the speed of your lift, control the sway of your load, prevent your ropes from going slack, synchronize with other hoists or position your load more accurately?

You can do all of this and more with a choice of Smart Features that allow you to lift flexibly, according to your needs.



LEARN HOW YOU CAN BENEFIT FROM EACH SMART FEATURE

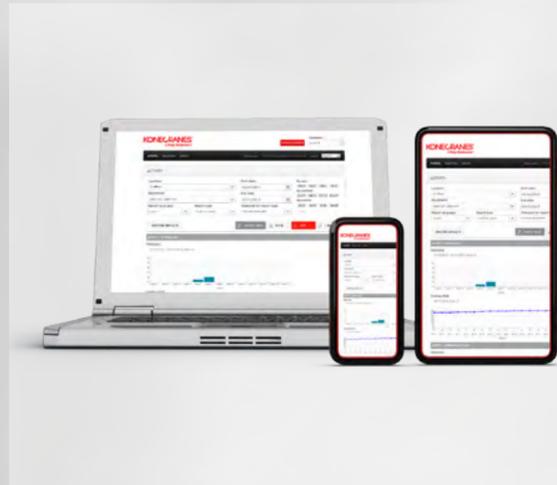
WORKING LIMITS	TARGET POSITIONING	MICROSPEED
INCHING	ASR & ESR	ACTIVE SWAY CONTROL
SWAY CONTROL	HOISTING SYNCHRONIZATION	SHOCK LOAD PREVENTION
LOAD FLOATING	ASSISTED LOAD TURNING	HOOK CENTERING
END POSITIONING	SNAG PREVENTION	PROTECTED AREAS
		FOLLOW ME
		SLACK ROPE PREVENTION





# OPTIMIZE PROCESSES AND MAINTENANCE

We use the Industrial Internet to connect data, machines and people. We bring together usage and maintenance data and combine it with our knowledge and experience, providing insights that allow you to optimize your maintenance operations and activities.



- **SECURE REMOTE CONNECTION**
- **SEE CRANE USAGE WITH REMOTE MONITORING**
- **ACCESS YOUR USAGE AND MAINTENANCE INFORMATION ON YOURKONECRANES.COM**

**WATCH THE VIDEO ▶**

**LEARN MORE ABOUT INDUSTRIAL INTERNET SOLUTIONS**

**yourKONECRANES.com**

**TRUCONNECT®**





# TELLING CRANES WHAT TO DO

SMARTON and UNITON have controls designed with both safety and simplicity in mind. A crane that is easy to use gives the operator full control over the load at all times.

Our radio controllers are ergonomic in design and intuitive to use, and a detachable tablet helps access Smart Features and other software applications. If your cranes are a long distance from the operator or your lifting is in a hazardous area, the Remote Operating Station allows you to operate your cranes by video, using a joystick and monitors.

The Konecranes Crane Management System called WebKey, is a tablet computer application that helps you monitor your crane. It increases crane reliability by providing detailed information on how your crane is working – making diagnostics, troubleshooting and operation easier.

- **EASY AND INTUITIVE LOAD CONTROL**
- **SOFTWARE THAT MAKES OPERATING THE CRANE EASIER**
- **REMOTE OPERATIONS IMPROVE REACH AND SAFETY**

LEARN MORE  
ABOUT CRANE  
COMPONENTS



**RADIO**



**RADIO AND  
TABLET**



**REMOTE OPERATING  
STATION**



**WEBKEY**



**CABIN**



# KEEPING YOUR EQUIPMENT SAFE AND PRODUCTIVE

Around the corner and around the globe, we have one of the largest and most extensive service networks in the industry. Lifecycle Care results in highest lifecycle value – maximizing the productivity of uptime and minimizing the cost of downtime.

Preventive maintenance is crucial to improving safety and productivity. We can tailor a maintenance plan for you based on your equipment, application, and duty cycle.



[WATCH THE VIDEO](#) ▶



Contact Konecranes today to learn more about how SMARTON and UNITON can lift your business.

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Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on Nasdaq Helsinki Ltd (symbol: KCR1V). With approximately 12,000 employees at 600 locations in nearly 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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