

# Efficient and cost- effective





# A hoist for your needs

Upgrade your operations with innovative and reliable hoist replacements.

KONECRANES 3.2 t

## Hoist replacements to improve safety and productivity

When a hoist has reached the end of its productive design life, it can be more efficient and cost-effective to replace the entire hoist instead of just replacing components or making repetitive repairs of the unit. A new hoist also allows you to take advantage of the latest technology such as TRUCONNECT Remote Monitoring and improves spare part availability. Replacing a hoist at the right time and with the right product can bring significant improvement to the reliability of the equipment as well as the safety and productivity of your facility operation.

### Benefits of replacing a hoist

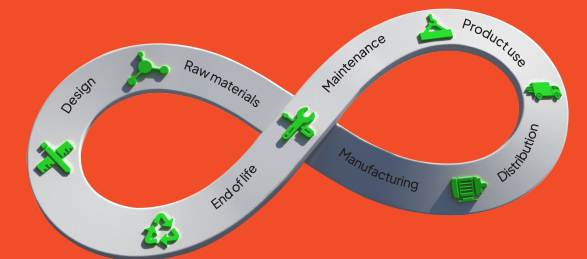
- **Maximize uptime:** Enhance the operational availability of your crane, so it's always ready when you need it.
- **Spare part efficiency:** Maintain full spare part availability, helping reduce costs and increase uptime.
- **Productivity boost:** Elevate your crane's productivity with optimized speeds, advanced features, and appropriate classification for its actual usage.
- **Enhanced safety:** Upgrade to the latest safety features for a safer working environment.
- **Predictive maintenance with TRUCONNECT:** Utilize connected hoists to anticipate maintenance needs, bolstering both safety and productivity.



- **Sustainable option:** Choose a sustainable alternative to purchasing a new crane, and help reduce your carbon footprint.
- **Carbon emission reduction:** With approximately 2.1 tons of CO2 emissions per ton of hot rolled steel, replacing just the hoist can save up to 8.7 tons for a single girder crane and 13.4 tons for a double girder crane.
- **Space-efficient solution:** When space constraints prevent the dismantling of an old crane and installation of a new one, opting for hoist and component replacement is a practical and effective alternative.

### 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.





# Long-lasting rope hoists

Replacing a hoist can be a significant decision for any operation, and it's essential to consider the benefits and potential improvements it can bring. Replacing an old hoist with a modern one like the Konecranes S-series or CXT, can potentially increase the crane's capacity to accommodate changes in process.

## Konecranes S-series synthetic rope hoist as a retrofit

The Konecranes S-series as a hoist replacement is offered with different hoist types such as single girder low headroom up to 10 tons, normal and swivelling hoist up to 12.5 and double girder up to 20 tons.

### New low headroom hoist UP TO 10 TONS

The latest addition to the Konecranes S-series family is the new low headroom hoist. This compact hoist boasts excellent approach dimensions and smooth stepless lifting with load dependent lifting motor for the ultimate user experience and shorter cycle times.

Strong, lightweight, durable and clean synthetic rope improves the lifting experience by making it safer and easier to handle because it doesn't fray or produce sharp barbs like steel wire rope.

### Ergonomic and user-friendly radio

Radio controls can improve operator safety and efficiency. Konecranes radio controls are easy and comfortable to use and allow the operator to work at a safe distance away from the load. They also offer high accuracy and smooth load positioning thanks to stepless speed control. If needed, an optional backup pendant is available.

With greater flexibility and improved user ergonomics operators can manage the load more precisely and swiftly so load handling becomes more efficient.



#### 01 FINGER PROTECTION

The hook block boasts improved finger protection and has a finger pocket that makes it safer and easier to grab when using features like Follow Me.

#### 02 DIN HOOK

The hook is manufactured to meet strict safety standards.

#### 06 SYNTHETIC ROPE

Synthetic rope is as strong as steel rope, and in many cases more durable because it is not vulnerable to traditional rope defects. Synthetic rope doesn't require lubrication and there is reduced wear on the drum and reeving components due to less surface pressure and friction—helping you save on maintenance costs.



How durable is synthetic rope? Watch the video to find out. [bit.ly/3v2SM7b](https://bit.ly/3v2SM7b)

#### 03 NEW MECHANICAL FEATURES

The optional belt transmission make the trolley strong and stable and provide a more streamlined and sustainable design.

#### 04 NEW W-MOTOR

The DYNA800 inverter facilitates both ESR (Extended Speed Range) and ASR (Adaptive Speed range), for the ultimate speed optimization. This technology enables faster movement of an empty hook compared to a loaded one, giving operators more efficient control over hoisting speeds, for enhanced precision in slow operation and reduced load cycle times.

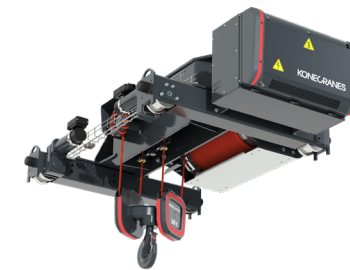
#### 05 SAFETY LIGHT

The safety light provides a visual warning on the floor of the trolley location to operators and other personnel in the work area.



### Normal and swivelling trolley UP TO 12.5 TONS

The normal headroom trolley is a good choice when you have a single girder crane or monorail with lifting height up to 36m. The swivelling trolley is the right choice when you have curved tracks monorails.



### Double-girder hoist UP TO 20 TONS

The double-girder hoist is the right choice when you need a higher hook height. With two bridge beams the hoist travels on bridge girders attached to the top of the crane girder. A sturdy double-girder structure provides safe lifting in all kinds of industrial settings.

### What makes the Konecranes S-series low headroom hoist a good choice as a hoist replacement?

- Belt-driven transmission for smooth operation
- Synthetic rope offering strength, durability, and safety. Also with steel rope option to suit various industrial needs
- Optimized reeving system for smoother movement and less wear
- Safety lights to signal crane movement, enhancing workplace safety
- Competitive outer dimensions for optimal space utilization
- Stepless or 2-speed lifting for precise load handling
- Ergonomic hook block design for ease of use and safety
- TRUCONNECT Remote Monitoring provides real-time data for in operations and maintenance planning

## Total load control

Operators using radio controls aren't tied to the load being lifted, this lets them choose the safest place to operate the crane and gives them better load visibility.



# Efficient and secure lifting

In addition to our new Konecranes S-series hoist, we can offer the proven and reliable CXT wire rope hoist

## CXT wire rope hoist as a retrofit

The Konecranes CXT hoist is a versatile and robust piece of equipment designed for a wide range of lifting applications. It is offered as a hoist replacement with five different hoist configurations to suite various operational needs.

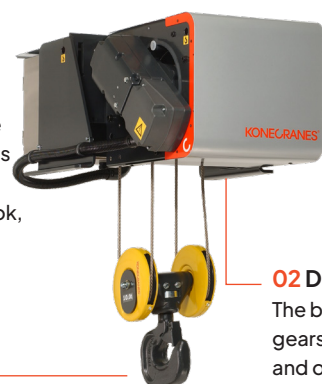
Basic or advanced, adaptability is one of its greatest strengths, and users appreciate the space underneath, excellent hook approaches that make operating the crane safe and easy.

### What makes the Konecranes CXT hoist a good choice as a hoist replacement?

- Multiple layouts optimize lifting heights.
- Use existing building structures with no further investment
- Make the most of your work area
- Flexible tool suitable for many different industry applications
- Designed to maximize performance
- Longer lifetime and lower life cycle costs
- 2-speed default hoisting movements and stepless hoisting as an option.
- TRUCONNECT Remote Monitoring provides real-time data for in operations and maintenance planning

#### 01 SAFER LOADING

The Konecranes Hook Latch Trigger allows a crane operator to have both hands free to insert or remove a load attachment from a hook, reducing the risk of finger, hand or back injury.



#### 02 DURABLE, PURPOSE-BUILT COMPONENTS

The brake is designed for a million operations and gears have lifetime lubrication for prolonged lifetime and outstanding reliability.

## Normal headroom

This strong and durable hoist for single girder cranes up to 40 tons features a safe and space-saving way of lifting high loads. True Vertical Lift reeving means minimal hook drifting.



## Low headroom

This small and compact hoist gives the best possible approach dimensions. Ideal for heavy use without excessive wear, this high-tech hoist is reliable and robust.



## Double-girder

This strong and durable hoist for loads up to 80 tons has options for True Lift and True Vertical lift for different reeving setups. It has a wide variety of features and motor types as well as compact outer dimensions.



## Fixed

This hoist is a good option when you need to utilize existing structures. Delivered with a hook, it is typically attached to an existing platform or trolley. This stationary unit with a strong and reliable structure can support loads up to 80 tons.



# Maximize hoist reliability and performance

You can maximize the lifecycle value of your Konecranes S-series hoist and CXT hoist with a Konecranes service program that is tailored to your requirements.

Regular inspections and preventive maintenance help identify risks and opportunities for improvement while supporting compliance with safety regulations.

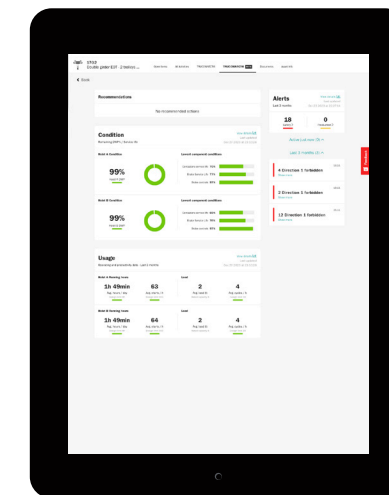
### Service programs tailored to your operations

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.

### Why choose Konecranes as your crane service provider?

We have the largest and most extensive service network in the industry, servicing hundreds of thousands of assets each year of all different makes and models. 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 meet with you one-on-one to share our findings, 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

**Monitoring** 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.

You can see your TRUCONNECT data 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.


Remote Monitoring can also be added to your other cranes as a retrofit to give you a comprehensive fleet view.







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).

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**KONECRANES** Moves what matters.