

Built for simplicity and usability



Single girder semi and full gantry crane with Konecranes S-series hoist

Semi gantry

07 SMOOTH MOVES
Fixed leg connection, also with I-beam hinge and flexible crane structure provides smooth traveling.

02 DERAILMENT CATCHES
Used with semi gantry crane.

04 PROTECTION GUARD
Optional protection guard for each end carriage drive to protect it from collision, water and dirt.

03 FLASHING BEACONS
Beacons provide visual warning for crane movement in both driving directions.

01 SAFETY LOOPS
Designed to avoid collisions, helps protect people and equipment.

06 ADDITIONAL E-STOPS
The primary emergency stop button is on the pendant or radio. Additional e-stops depend on the crane dimensions.

Double girder semi and full gantry crane with Konecranes S-series hoist

Full gantry

07 SMOOTH MOVES
Pined hinge and flexible crane structure provides smooth traveling.

05 RAIL CLEANERS
Provide smooth crane movement.

08 STORM LOCK

Electrical anti-collision sensor for full and semi

Optimize your working area

Konecranes gantry cranes are built for simplicity and maximum usability. With a specially designed steel structure and variety of girder designs and trolley configurations, our gantry cranes are ideal for many types of buildings and work areas—both indoors and outdoors.

A gantry crane allows you to build your production in layers with overhead cranes and workstation lifting

systems for optimal productivity. And a compact hoist lets you make the most of your existing workspace, providing an extensive work area around the crane.

Each hoist is fitted with our Core of Lifting components, developed and manufactured in-house, as well as a comprehensive set of control and safety features and options for specific industrial lifting applications.

ADDITIONAL FEATURES FOR OUTDOOR USE

Storm locks prevent the crane from moving along the runway in windy conditions.

Wind speed meter sounds an audible warning when the wind speed limit is reached.

Tie down accessories stabilize the crane in windy conditions when it's not in operation.

FEATURES	SPECIFICATIONS
Hoist model	Konecranes S-series hoist
Rope type	Syhtnetic rope or wire rope
Lifting capacity	Up to 30 tons
Height of lift	Up to 10m (+ hook can go underground)
Span	Up to 30m
Runway	Up to 120m
Hoist speed control	2-speed or inverter hoisting (ASR and ESR)

FEATURES	SPECIFICATIONS
Crane control options	Pendant, radio, or radio with backup pendant
Girder design	Box or profile*
Hoist power supply	Flat cables or energy chain
Crane power supply	Semi-gantry: Flat cables or conductor rail Full-gantry: Cable reel
Environment	Indoor or outdoor

*Profile girder not available in all regions

Synthetic rope is light, clean and safer to handle

The Konecranes S-series hoist is available with both steel wire rope and synthetic rope.

We're the first company to produce overhead cranes with synthetic rope as a default and we've put it through extensive lifetime tests to ensure safety, strength and durability. The synthetic rope we use in our hoists is made with Dyneema®—one of the world's strongest fibers—which has been used for more than 30 years in demanding rigging applications such as lifting slings, mooring and towing large sea vessels. The rope is designed to be safer and more durable and helps reduce wear and tear on reeving components. It's lightweight, requires no lubrication, and is fast to install.



Synthetic rope vs. steel wire rope

FEATURE	SYNTHETIC ROPE	STEEL WIRE ROPE
Material	High performance synthetic	High strength steel
Breaking strength	Very high: consistently exceeds 5:1	High: meets or exceeds 5:1
Weight	Light - 80% lighter than steel	Heavy
Kink resistance	Will not kink	Will kink, requires replacement
Resistance to bending	Returns to original shape with no permanent damage	Will bend and deform, requires replacement
Bird cage resistance	Returns to original shape with no permanent damage	Will bird cage and deform, requires replacement
Lubrication	Not required	Regular lubrication required
Safety	Synthetic rope does not barb and is lightweight and flexible, reducing the chance of cuts to hands or ergonomic injury during rope handling	Steel wire can fray and is heavy and rigid, increasing the risk of hand lacerations or ergonomic injury during rope handling

How durable is synthetic rope? Watch the video to find out.
bit.ly/3v2SM7b



Konecranes S-series hoist

The ultimate in safety and usability

The Konecranes S-series hoist features a host of innovations to bring your lifting to a new level. A strong synthetic rope and standardized inverter for hoisting bring ultimate control, while the ergonomic hook block and innovative trolley structure improve lifting reliability and safety every day.

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.

The hoist also features integrated safety light on the trolley that provides a visual signal of crane movement in the workspace to nearby personnel.

In addition, most Konecranes overhead traveling cranes can be equipped with Smart Features, a software that gives you greater control over the material handling in your production processes.



Core of Lifting: Experience in action

Our cranes are built around key components that we design and manufacture in-house. Konecranes gears, motors and controls are made specifically for crane use and lifting motions and are fully integrated into the core of our crane technology. We don't just design the components, but also the interactions between them making them work seamlessly together as the Core of Lifting.



Intelligent lifting with Smart Features

Konecranes gantry cranes are available with software-based intelligence that gives you total control over your process tasks. Smart Features are a special combination of crane components and software designed specifically to improve the safety and productivity of your operations.

With Smart Features operators become more efficient due to shorter load cycle times, helping increase productivity. And because the control system optimizes crane movement, your crane and its components wear more slowly, extending the life of the crane. Most importantly, though, safety improves because there is much less chance of human error.

You can buy Smart Features already installed on your new crane, or have them added to your existing cranes. Choose the ones you want, or ask us to recommend a features package that fits the lifting needs of the processes in your facility.

Load control features

Smart Features help the crane maintain steady, smooth movement for maximum load control. This means more efficient and productive crane operations as well as increased safety for your operators and work environment. Load control features include Sway Control, Snag Prevention, Load Floating, Microspeed and more.

Area control features

Smart Features also give you more control over the working area of the crane, improving the efficiency and accuracy of load positioning by adapting the available space to the physical layout of your production line. Area control features include Protected Areas, Working Limits, Target Positioning and End Positioning.



Learn more about Smart Features and see them in action



GANTRY CRANE

GANTRY CRANE

Maximize crane reliability and performance

You can maximize the lifecycle value of your gantry crane 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.

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.



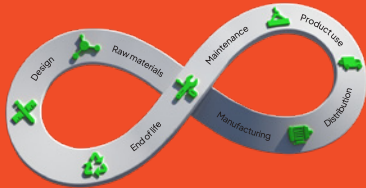
The power of data

When you have TRUCONNECT Remote Monitoring and/or a maintenance agreement with Konecranes you get access to the Konecranes Portal. The portal lets you quickly and easily see your crane maintenance information, asset condition and usage data, as well as an overview of findings in your fleet.

The data on the portal can be viewed, analyzed and shared quickly helping you make informed maintenance decisions. TRUCONNECT safety alerts and condition status can help you act quickly on potential safety issues and plan your maintenance with minimal disturbance to production.

Committed to sustainable lifting solutions

Konecranes is committed to providing sustainable lifting solutions and services while preventing and minimizing emissions and waste. Lifecycle thinking combined with usability, eco-efficiency and safety guide us in the design of our products and services. Our aim is to maximize the lifecycle value of our products.





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 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2025, Group sales totaled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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