

Corrective Maintenance and Retrofits

KONECRANES®
Lifting Businesses™



Corrective Maintenance

Corrective Maintenance is carried out after a fault is detected and is aimed at restoring your crane to a condition in which it can perform its intended function. Timely repair of known faults reduces the likelihood of emergency breakdowns and is often mandated by regulation.





Planned repairs

Planned repairs are scheduled according to inspection and maintenance reports. Optimally the repair is coordinated and scheduled around your production schedules. Our technicians are equipped to perform a wide scope of planned repairs that include repairing, adjusting, and replacing any component or equipment part.



On-call repairs

We know that when your equipment isn't running, your production suffers. Our technicians will work with your operation schedule and time constraints to fulfill your repair needs.



Standby and On-Site

Standby Service enables a quick start for corrective maintenance in emergency cases by making trained and qualified service personnel available for troubleshooting and/or repair.

On-Site Support for direct response to maintenance needs, especially in emergency cases or during plant shutdowns when equipment availability is critical to complete planned maintenance tasks.

Retrofits

Retrofits are a relatively easy and economical way to add current features and technologies to your existing overhead crane. Common retrofits include hoist and component replacements, variable speed control, radio remote control and LED lighting. Compared to modernizations, retrofits typically require much less pre-planning and downtime.

[Learn more](#)

Wire rope hoist replacement

Has your hoist reached the end of its productive design life? No matter how well maintained, your hoist will not last forever.

Konecranes CXT® hoists can be retrofitted onto most cranes. Our pre-engineered hoist retrofits are designed for easy installation, causing minimal disturbance to your production.



Improved load handling

The CXT hoist has many features that ease load handling and maintenance. With Adaptive Speed Range (ASR), the motor speed varies according to the load. This allows for optimal speed and enhanced safety when handling heavier loads. Its service-friendly reeving design provides improved access to the upper rope sheaves and overload device, making rope changes, rope length adjustments and sheave replacements fast and easy.



Double girder CXT Trolley

Motor and brake easily accessible

The CXT hoist motor brakes are sealed and dust-proof. Built for low maintenance and trouble-free operation, CXT brakes are designed to require minimal adjustment and built to last numerous operating cycles.

The unique placement of the motor inside the drum protects the motor from contaminants, while increasing the cooling ability. The design makes the motor and brake easily accessible for maintenance.

[Learn more](#)



CXT fixed hoist

Electric chain hoist replacement

Konecranes chain hoists are designed for flexibility and durability in industrial applications.

You can use the electric chain hoists at a workstation, on an overhead travelling crane or with a jib crane. Konecranes CLX chain hoists are ideal replacement hoists for all these applications.



Flexibility and easy access

You can move the electric chain hoists around your workshop and put them to different uses. Compact headroom, hook suspension, push trolley, motorized trolley and many other options give you the flexibility you need.

With CLX, the hoist motor is easy to access, maintain and replace. The same easy serviceability applies to the chain drive, slip clutch, hoist limit switches, electrics and gears.



Durable limit switches and brakes

The standard upper and lower limit switches of Konecranes hoists are durable. Protected against environmental influences, they bring improved safety and performance to the hoist and the user.

The brake is a critical part of the chain hoist and the safety of your lifting equipment. Our self-adjusting brake is designed to last the complete lifetime of the hoist.



[Learn more](#)

Crane component replacement

In addition to hoists, there are numerous other components that can be replaced or retrofitted:

- Travelling machinery, end trucks, wheels, drives, etc.
- Ladders, platforms and other means of crane access
- Safety apparatus such as tie-off lines and limit switches
- Drive and hoist motors



Control upgrades

There are a variety of retrofits that can improve the way your crane is powered and controlled.





Load control

Stepless speed controls, collision avoidance systems and other technologies can often be added or upgraded to bring current technologies into use.



Radio controls

Pendant controls require the operator to move with the crane. With radio controls, the operator can stand in a position that gives them a better view of the load.

Improved user ergonomics reduces the strain for the operator and can simultaneously increase your productivity.



Conductor systems

Konecranes offers conductor systems, including festoons, energy chain and conductor bar systems to improve safety and reduce operating costs.

LED Lighting

Traditional metal-halide or halogen lights have a short service life and can suffer from damage due to vibrations, resulting in increased costs and less-efficient operations. With an LED Lighting Retrofit you get lights that have a much longer service life, and your lights will be far less prone to damage from vibration.



LED uses less energy

Traditional lighting can account for 50 to 90 percent of electricity used by a crane. Lighting is, therefore, a major cost in all crane operations. LED lights provide the same degree of lighting to the working area than standard lights, yet consume little more than one third of the energy.

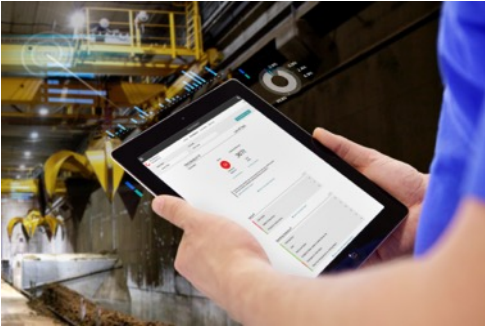


TRUCONNECT retrofits

TRUCONNECT[®] Remote Monitoring collects condition, usage and operating data from control systems and sensors on an asset and provides alerts of certain anomalies. Remote Monitoring data is used in maintenance planning and in predicting possible component or equipment failure.



[Learn more](#)



TRUCONNECT modem upgrade

The TRUCONNECT Modem Upgrade has been designed to equip a crane with a modem for TRUCONNECT Remote Monitoring.



TRUCONNECT Brake Monitoring Unit

The TRUCONNECT Brake Monitoring Unit uses a condition monitoring device to collect the status of brake air gap, mechanical and electrical faults from the electromagnetic disc brakes. The service provides visibility into current brake condition, estimates remaining service life and indicates brake faults.



TRUCONNECT Retrofit for Demag cranes

The TRUCONNECT Retrofit for Demag cranes has been designed to equip Demag cranes with a modem for TRUCONNECT Remote Monitoring.



**NOT JUST LIFTING
THINGS, BUT ENTIRE
BUSINESSES**

Learn more at [konecranes.com](https://www.konecranes.com)