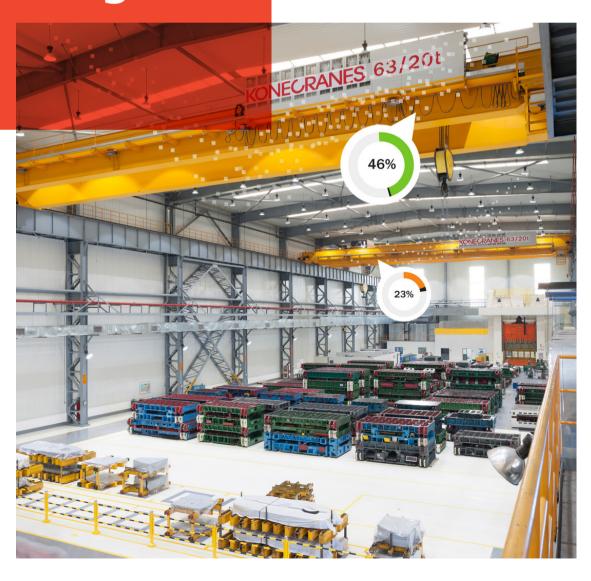


TRUCONNECT® REMOTE SERVICE

TRUCONNECT Brake Monitoring





Continuous knowledge of brake condition

The hoist brake is one of the most critical wearing components in a crane. In heavily-used cranes the service lifetime of brake wearing parts may end sooner than expected. Additional inspections also require crane shutdown and provide only a snapshot of the current condition of the brake.

TRUCONNECT Brake Monitoring is a condition monitoring device which monitors the brake control signal and opening current. It provides visibility into current brake condition showing indirectly the status of the air gap, friction material wear and boost functionality. It also shows the combined effect of boost and air gap status on brake operation which is very difficult to detect without Brake Monitoring.

Brake alerts by email

Brake fault alerts and data on critical conditions are continuously delivered to the yourKONECRANES customer portal and via email messages, so maintenance planing can be done in advance. Having visibility into how fast the brake is wearing and its remaining service life allows you to avoid unnecessary brake disassembly, resulting in less downtime to inspect your brake and more production time. You can benefit on safety, productivity and reliability while decelerating production shutdowns.

A complement to **Remote Monitoring**

Brake Monitoring is designed to supplement TRUCONNECT Remote Monitoring – which collects condition, usage and operating data from control systems and sensors on an asset and provides alerts of certain anomalies.

to reduce unplanned downtime and to improve

equipment safety, productivity and lifecycle value



PLC-controlled SMARTON

Brake Monitoring is delivered with new Konecranes PLCcontrolled SMARTON cranes.



CXT and S-series hoists

Added as a retrofit to CXT and seleceted S-series hoists brakes if equipped with electromagnetic disc brakes.



UNITON and SMARTON hoists

It can also be added as a retrofit to UNITON and SMARTON hoists with electromagnetic disc brakes.





Konecranes is a world-leading group of Lifting Businesses, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. In 2022, Group sales totaled EUR 3.4 billion. The Group has approximately 16,500 employees in around 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

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Data security

TRUCONNECT and yourKONECRANES have been awarded ISO/IEC 27001:2013 certification for information security management. The ISO/IEC 27001 certificate demonstrates a commitment to proactively manage the information security of Konecranes digital services and ensure compliance with legal and customer requirements.

Learn more about TRUCONNECT Remote Service