

Bradken SmartRoller™



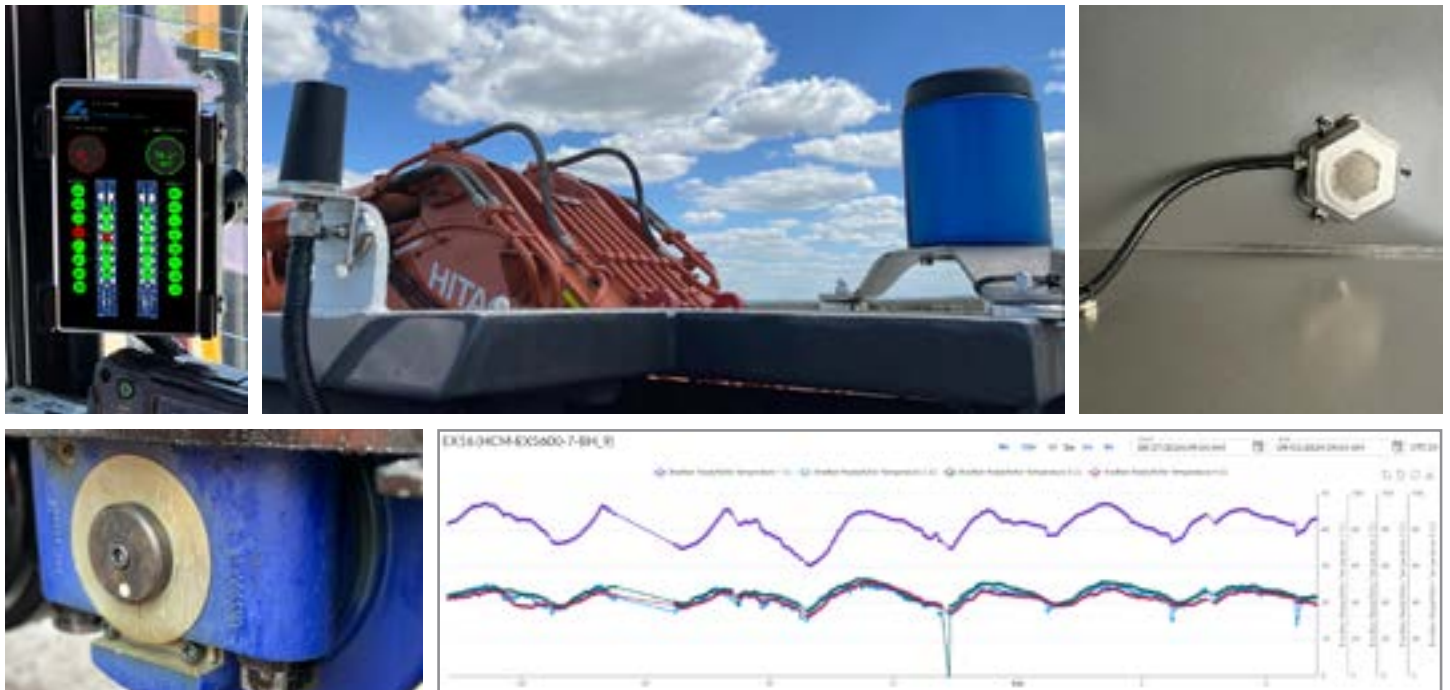
Bradken SmartRoller™ enables remote monitoring of undercarriage roller temperatures, improving on-site safety and maintenance scheduling.

Reliable production, improved on-site safety.

Bradken SmartRoller™ delivers real-time continuous lower roller temperature monitoring to:

- Optimise propel times – reducing stoppages.
- Maximise productivity – reducing unplanned downtime.
- Remove people from the machine envelope and direct line-of-fire zone.
- Eliminate the need for hazardous machine interactions.
- Alert operators of exceeding threshold limits of load roller temperatures in-cab.
- Improve the fleet management process.

Bradken SmartRoller™ is plug and play with Bradken Load Rollers.



Enhancing maintenance decisions through continuous temperature data.

Key Benefits of Bradken SmartRoller™:

Precision temperature monitoring that drives reliability and safety.



Safety

- Removes the requirement for entry into the line-of-fire zone.
- Autonomous, real-time temperature monitoring of lower rollers, with data delivered directly to the operator in-cabin.
- Eliminates on-the-ground manual temperature measurements during tramming.



Reduced Lifecycle Costs

- Real-time temperature monitoring enables continuous tramming and faster return to production.
- Temperature trends indicate wear progression.
- Early alerts enable proactive replacement, preventing failures and reducing downtime.



Proven Capability

- Real-time monitoring of lower roller temperature leads to improved condition monitoring capability.
- Potential to improve machine production availability.
- Improves preventive maintenance scheduling efficiency.



Our Innovation. Your Advantage.

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