Main advantages

Online automatic system
- The belt is continuously monitored
- Automatic belt damage detection
- Immediate conveyor stop when critical damage appears
- Automatic belt damage drive to repair station

Comprehensive solution
- Detects accurately all types of belt damage
- Optimal reaction time with belt monitoring at laoding and unloading points
- Modular system is suitable for one or multiple conveyor monitoring

Suits for all flat conveyor belts
- Adapts automatically to new and used belt monitoring
- Suitable for fabric and steel cord belts with any grade and thickness

No need for belt modifications
- No vulcanized wires, loops or other major modifications to the belt
- Belt manufacturer independent system
- No system maintenance actions needed after belt damage

Specifications

Belt width	Max belt speed	Operating temperature	Service interval	Weight
750 - 2400 mm	10 m/s	-40 to +55 °C	1 - 2 months	< 100 kg

Learn more:
www.roxon.com/components/belt-condition-monitoring/

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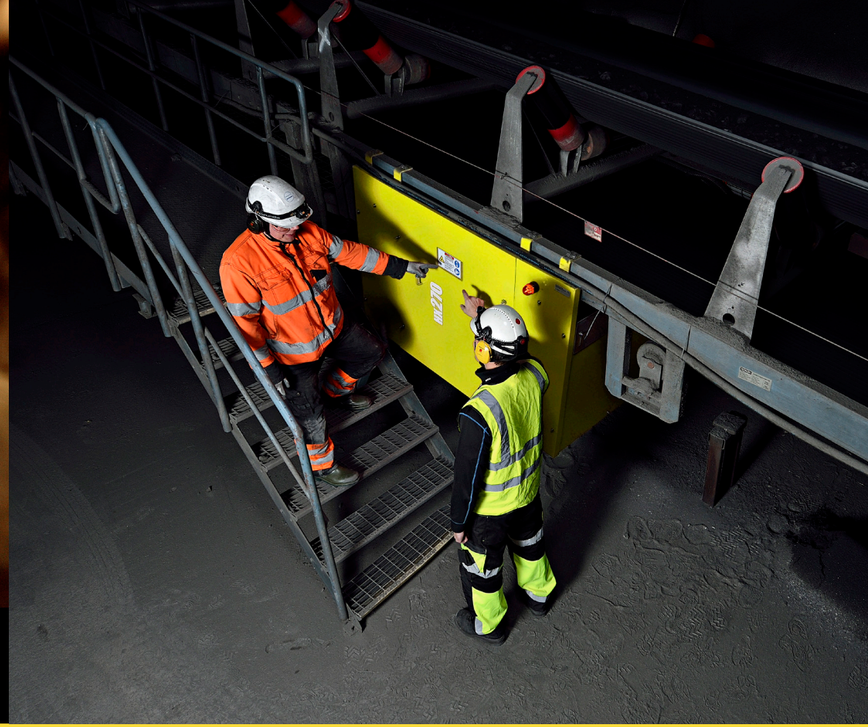
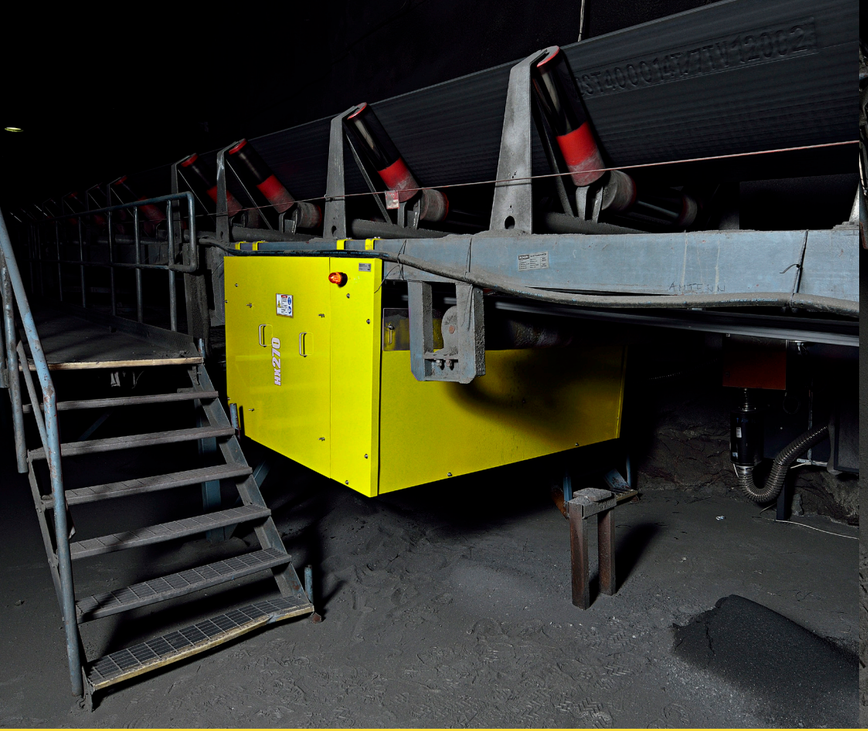
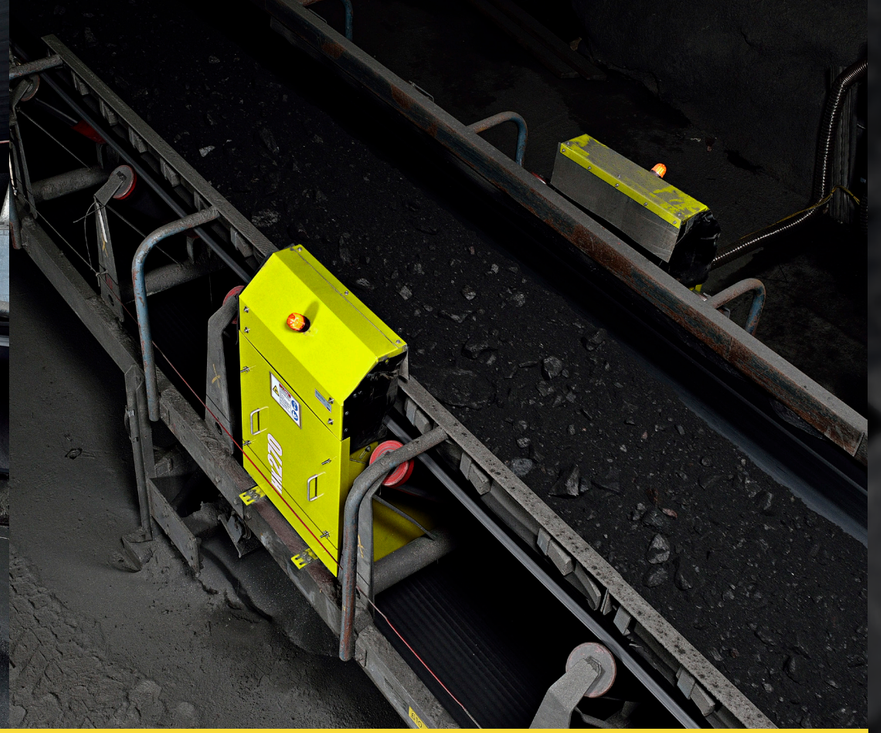


ROXON

Belt condition monitoring





HX270-1 Material side monitoring

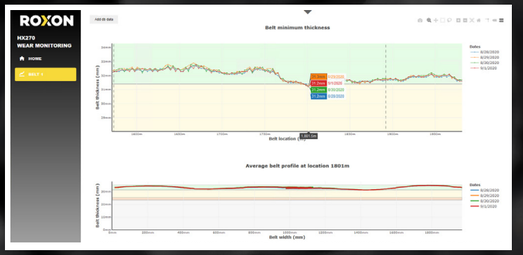
- Continuous belt material side monitoring
- Optional wear measurement
- Misalignment measurement
- Typically installed near unloading point
- Easy to maintain

HX270-2 Belt Clean Side Monitoring

- Continuous belt clean side monitoring
- Stops the belt automaticly if belt damage exists during loading
- Typically installed near loading point
- Easy to maintain

Intuitive User Interface

- HX270 User Interface is userfriendly
- Easy to use and fast to install
- All damages are stored to database
- Submits sound alarms and e-mail notifications
- Supports local and remote User interface access



Precise On-Line belt thickness monitoring

- Submillimetre precision belt thickness measurement for belt life time prediction of each belt segment
- High-speed precise laser scanning with novel 3D image analysis algorithms
- Real-time and fully automated belt damage detection and belt thickness measurement

CE

Products are CE-marked