

Main advantages

Detects the most significant belt damages of light duty conveyor belts

- Most of the belt damages in light duty conveyors are on the material side
- Loading point belt damages are quickly visible at tail pulley

Suitable for all flat textile conveyor belts

- Textile belts in mines, ports, steel mills, energy plants...
- Independent from any belt manufacturer

Online automatic 24/7 monitoring

- Automatic wear and damage detection and drive to repair station
- Adapts automatically to new and used belts

Compact solution

- Economical and easy installation enables a wide scale of belt monitoring system implementation

Non-contact optical monitoring

- No modifications to the belt needed



Learn more:

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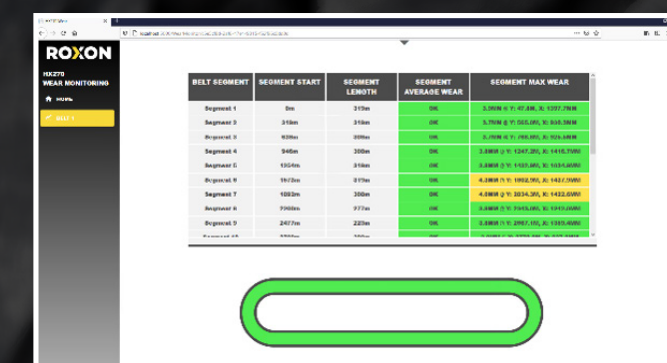
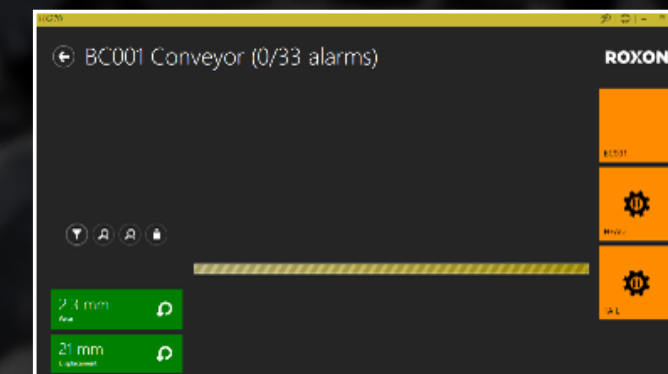


ROXON

Belt condition monitoring HX170

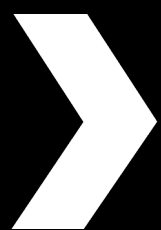


HX170 USER INTERFACE



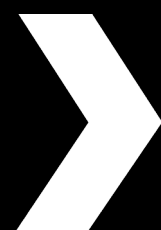
WEAR OVERVIEW OF EACH BELT SECTION

BELT MINIMUM THICKNESS AND CROSS-SECTION FROM ANY LOCATION



Belt wear monitoring

- The thickness of the belt is continuously measured against the tail pulley from the 3D surface profiles.
- The overall wear is automatically monitored.
- Easy to use interface for belt wear and access to damage data.



Integral solution

- Accessible via web browser.
- Optical visualization of belt condition and damage.
- Integration to existing automation systems.
- No need for software installation or maintenance.



Products are CE-marked