HX270
Automated on-line Conveyor Belt Monitoring and Control System

Advantages of HX270

• Proven system
  − Successfully in operation since around 10 years, mainly in heavy duty ore application in Scandinavia
• Both surfaces of the belt can be continuously monitored
  − Enables conveyor immediate stop when critical failure exists.
  − Surface faults are detected early enough for preventive maintenance planning.
• All belt damage types can be detected
  − All significant belt damages in all belt types can be detected from the 3D shape of the belt surfaces
• Non contact optical 3D measurement
  − Wide range of textile and steel cord belt types can be monitored.
  − No vulcanized wires, sensors or modifications to the belt are needed.
  − Immune to color and texture changes of the belt surface.
• Automatic system
  − Operator use it only when something happens to your belt, no permanent attention needed.
  − Automatic drive of selected damages to maintenance station for inspection and repair.
• Abrasion measurement and belt misalignment measurement optional
• Other belt monitoring system integration possible (i.e. steel cord scanning)
• CE certified, laser class 3B