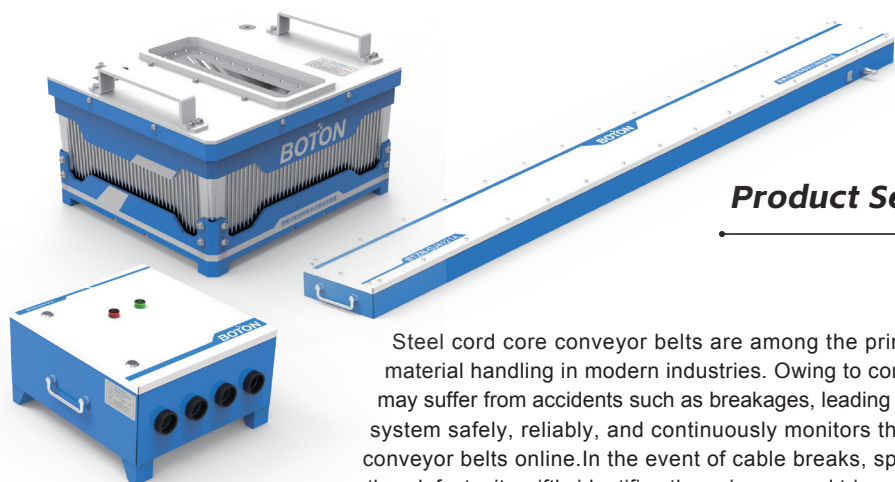


Application Scenarios:
Steel mills / Ports / Mines / Power Plant / Cement



Product Series: **BTZN-GJ4121A1**

Steel cord core conveyor belts are among the primary conveyance solutions for bulk material handling in modern industries. Owing to complex operating environments, they may suffer from accidents such as breakages, leading to substantial economic losses. Our system safely, reliably, and continuously monitors the structural integrity of steel cord conveyor belts online. In the event of cable breaks, splice displacements, corrosion, or other defects, it swiftly identifies these issues and triggers alarm notifications, pinpointing the exact location of the defects for prompt action.

MOBILE AUTO SCAN

Mobile Continuous Belt Scanning - ST Series

Main Features

- Lightweight, compact, and easy to move. It can be quickly deployed on site in case of emergency or temporary testing needs, suitable for various on-site testings and mobile operations.
- It conducts comprehensive testing of the skeleton of the steel wire cord conveyor belt, with real-time scanning, real-time imaging, and real-time intelligent identification of all potential defects.
- The testing device automatically classifies the identified defects, supports abnormal defect tracing, defect alarm enquiries, and testing video reviewing.
- The operation interface is simple and easy to use. Users can complete the conveyor belt testing with just one click.



BOTON

Flexible installation

Light and simple, high adaptability

High detection accuracy

Minimum size of detectable defects **0.8 × 0.8 (mm)**

Convenient operation

One-touch operation

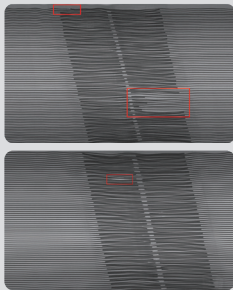
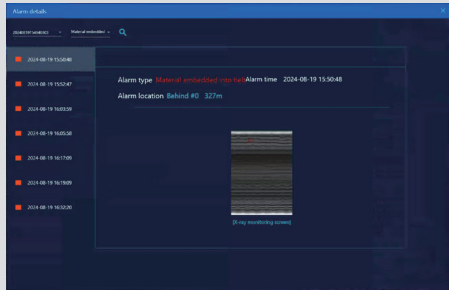
Automatic identification

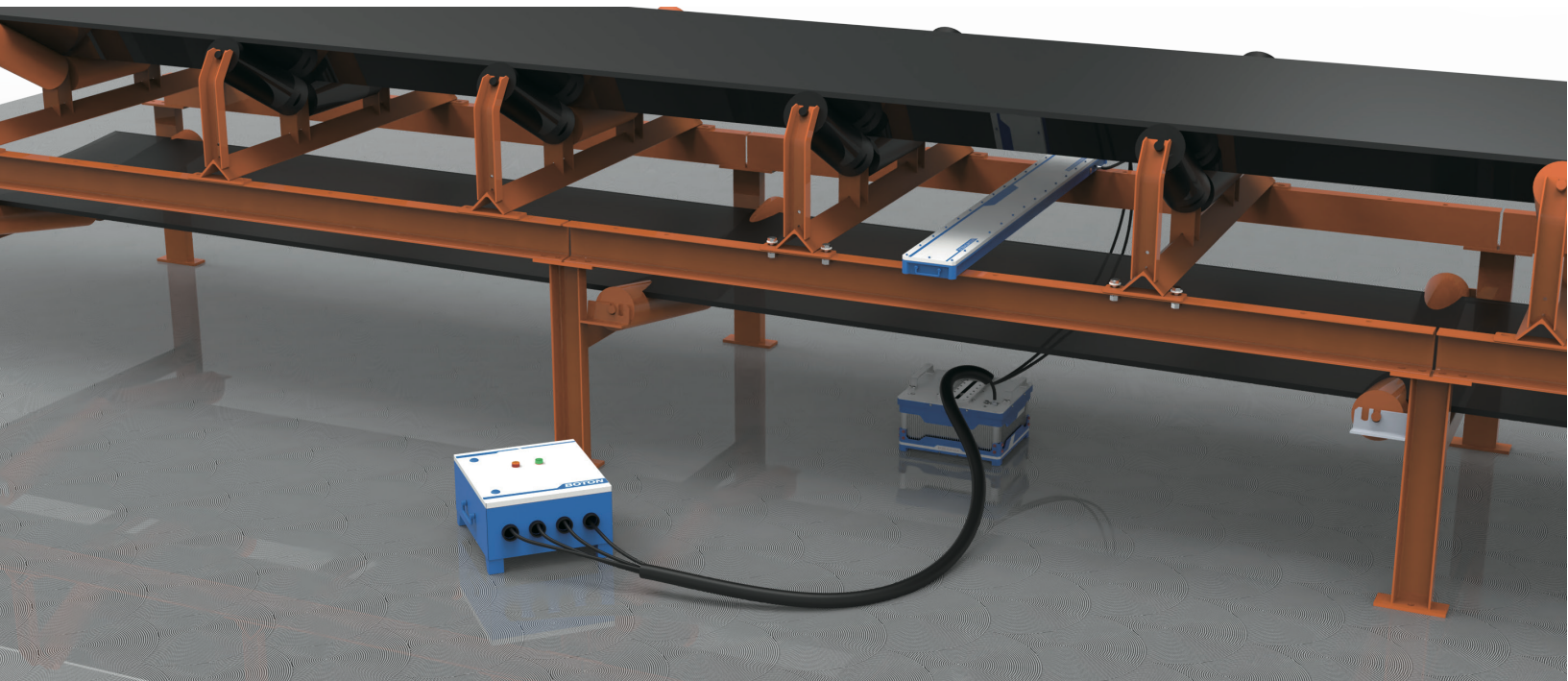
Comprehensive inspection, automatic identification of defects

Main Technical Parameters

Category	Parameters	Category	Parameters
Applicable belt speed	0-10m/s	Applicable belt thickness	80mm
Applicable belt width	650-3000mm	Working temperature	-20 - 60℃
Identifying abnormal arrangement of steel skeleton	0.8 × 0.8 (mm)	Storage temperature	-40 - 80℃
Atmospheric pressure	80-106Kpa	Relative humidity	≤ 95%RH (without condensation)
Working power supply	85-264VAC (customized)		

Software Platform

Normal operation	Defect anomaly	Alarm query
		



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Boton focuses on providing intelligent service solutions for industrial bulk material handling. Our main business includes intelligent turnkey service, overall solutions for intelligent conveying, aim for energy saving, environmental protection and green transformation etc. Boton takes the lead in launching a new model of "integrated general contracting services for conveying systems" in China which changed the situation of different value orientations in the traditional product sales model. This new model speeds up marketization of new technology & new products and has been recognized by many clients domestically and globally.