

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



Product Series: **BTZN-GJ5103**

This system can timely detect abnormal abrasion of belt cover rubber, collect and record thickness data of belt cover rubber in real-time, accurately determine abnormal abrasion positions, evaluate belt health status based on historical abrasion data, and generate belt health diagnosis report.

WEAR PILOT Automated Cover Thickness Monitoring

Main Features

- Output belt cover rubber abrasion curve and belt abrasion positioning simulation diagram in real time.
- Detect abnormal change of cover rubber thickness automatically, locate the abnormal area, and immediately release an alarm.
- Save thickness data, inquire historical thickness data and alarm information.
- Has data analysis function, which can generate cover rubber thickness change trend and conveyor belt health diagnosis reports.

High measuring accuracy

Measurement accuracy **$\pm 0.8\text{mm}$**

Accurate positioning

Positioning accuracy **$\leq 1\text{m}$**

Comprehensive monitoring

Automatic monitoring and early warning

Health diagnosis

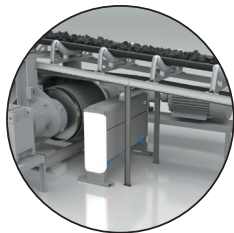
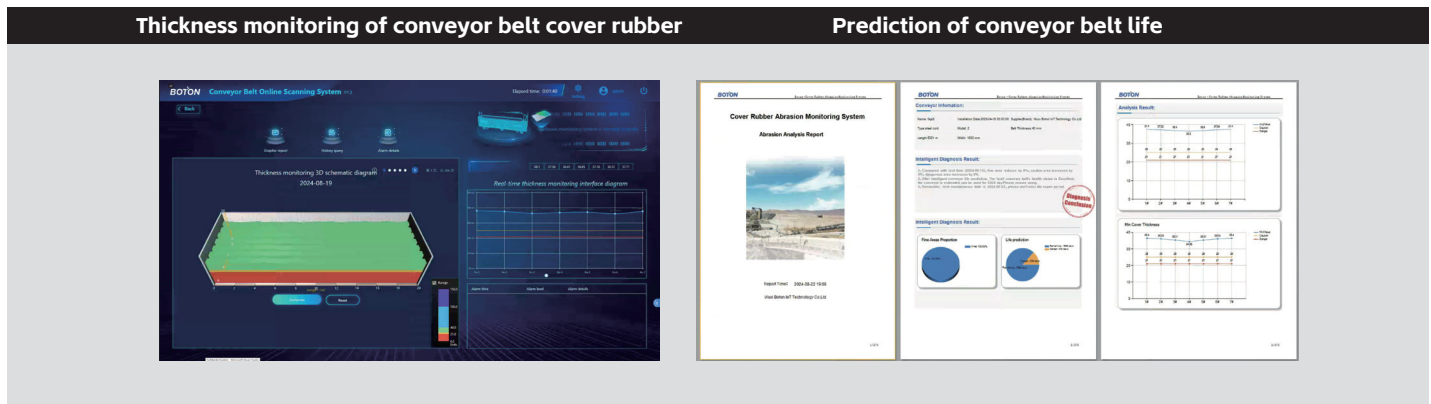
Generate belt health diagnosis reports and predict belt's lifespan

BOTON

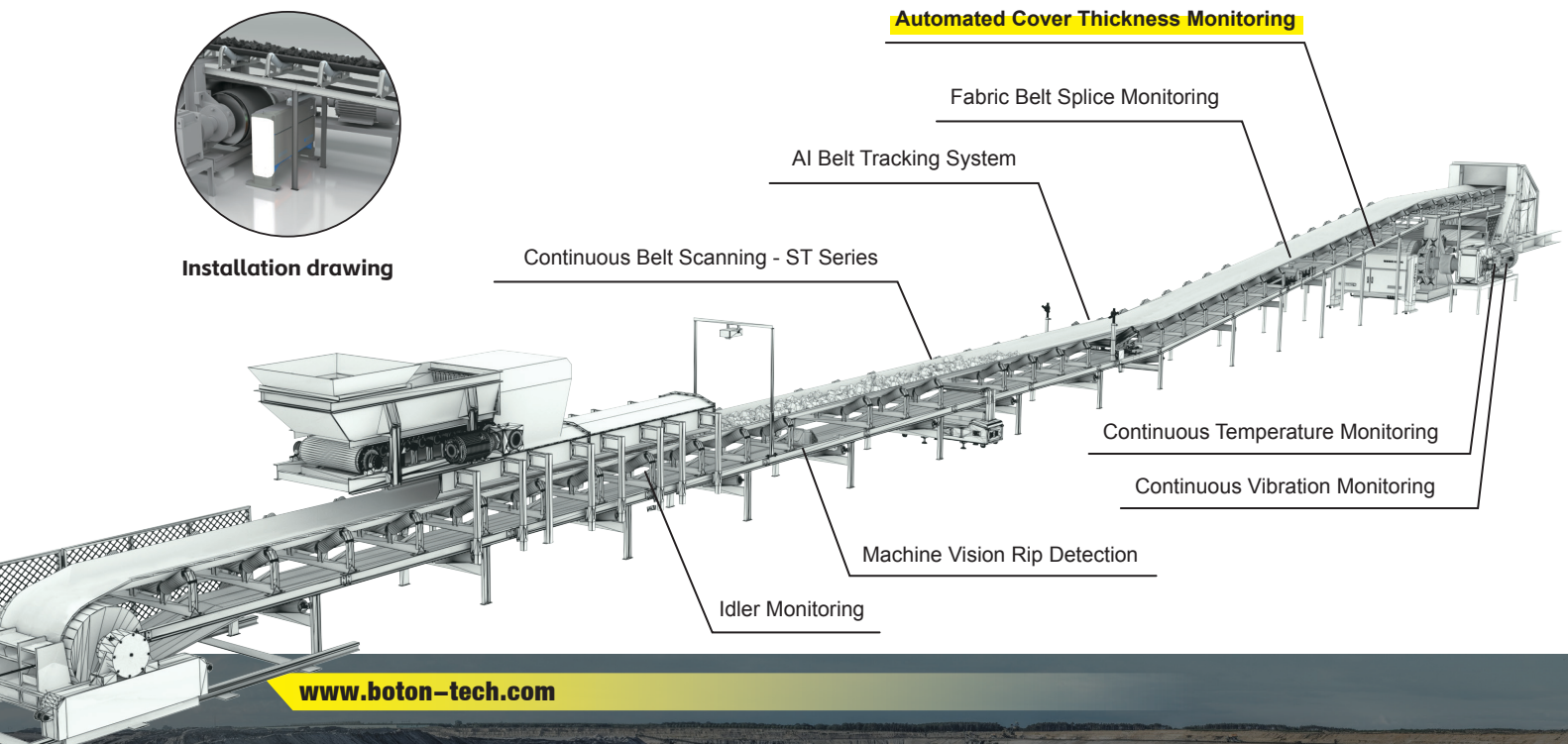
Main Technical Parameters

Category	Parameters	Category	Parameters
Applicable belt speed	0-10m/s	Maximum measured thickness	≤ 40mm
Applicable belt width	650-3000mm	Working temperature	-30 - 60℃
Atmospheric pressure	80-106Kpa	Storage temperature	-40 - 80℃
Working power supply	85-264VAC (customized)	Relative humidity	≤ 95%RH (without condensation)
Continuous working time	7×24h		

Software Platform



Installation drawing



www.boton-tech.com

Email: btzn@boton-tech.com | Address: No.19, Zhanggong Rd., Xinwu District, Wuxi City, Jiangsu Province, China, 214142

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.