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REMA MCUBE

INTRODUCING THE MCUBE STEEL CORD SCANNER (SCS)

Revolutionize Your Mining Operations with REMA TIP TOP's Advanced Steel Cord Conveyor Belt Monitoring

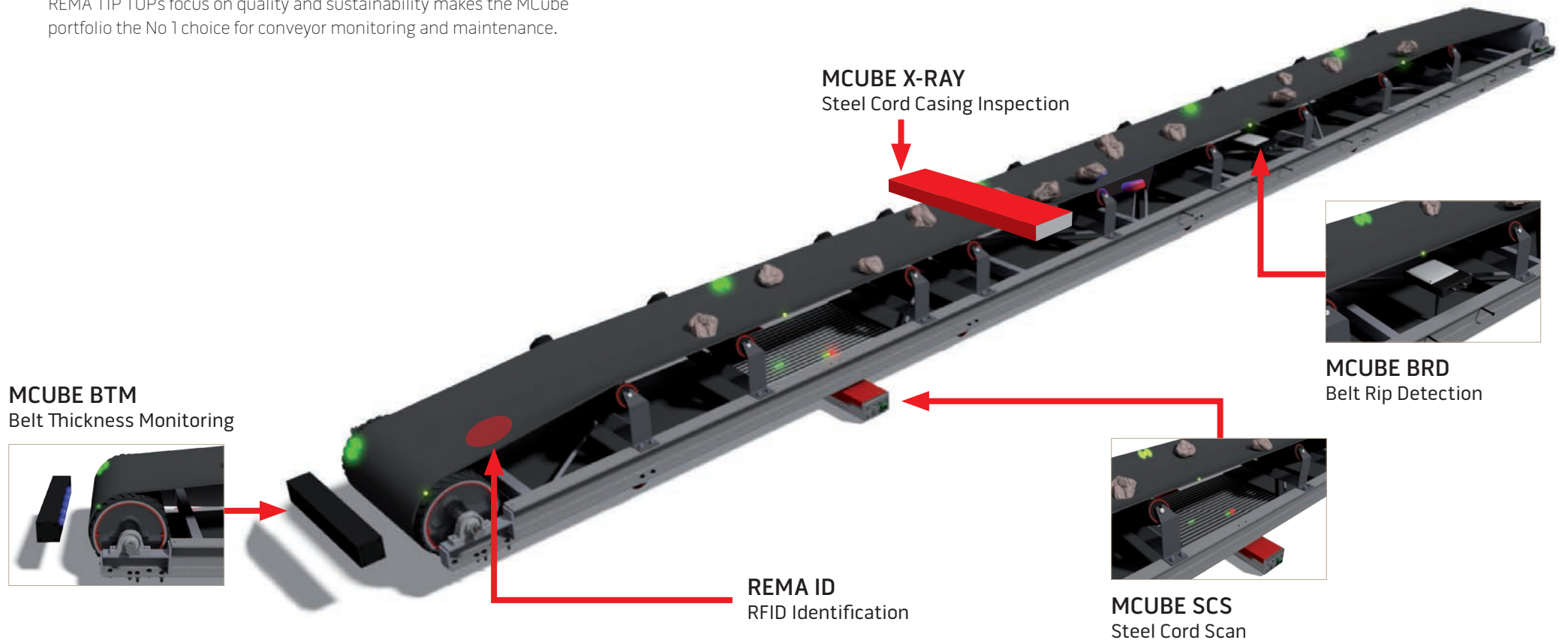
REMA MCUBE

REMA MCUBE PORTFOLIO OVERVIEW

The REMA TIP TOP MCube portfolio offers a wide range of products for maintaining and servicing conveyor belts.

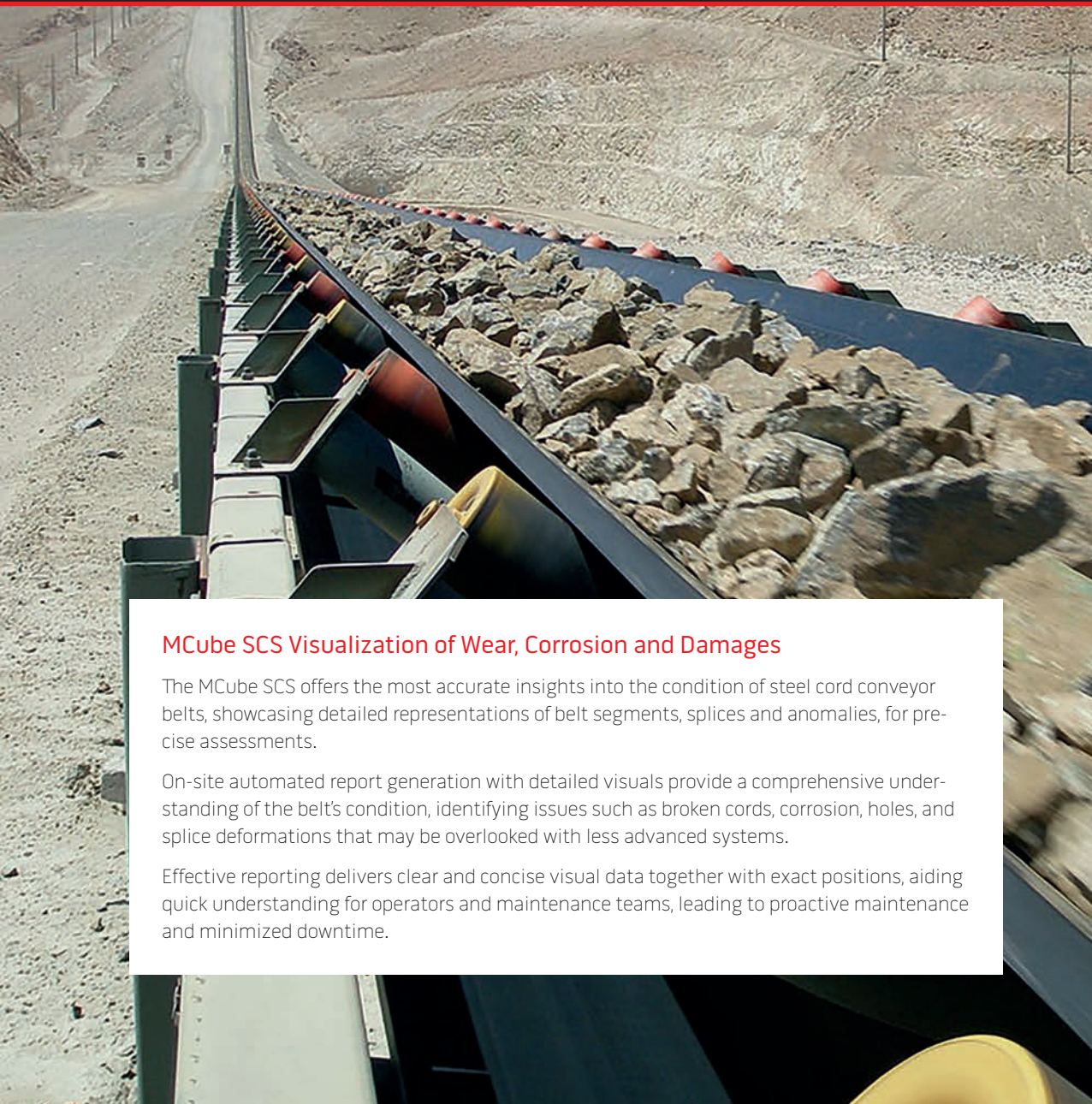
It uses most advanced technology and durable materials to provide efficient and reliable solutions. The portfolio empowers to improve conveyor performance and save costs by reducing downtime.

REMA TIP TOP's focus on quality and sustainability makes the MCube portfolio the No 1 choice for conveyor monitoring and maintenance.



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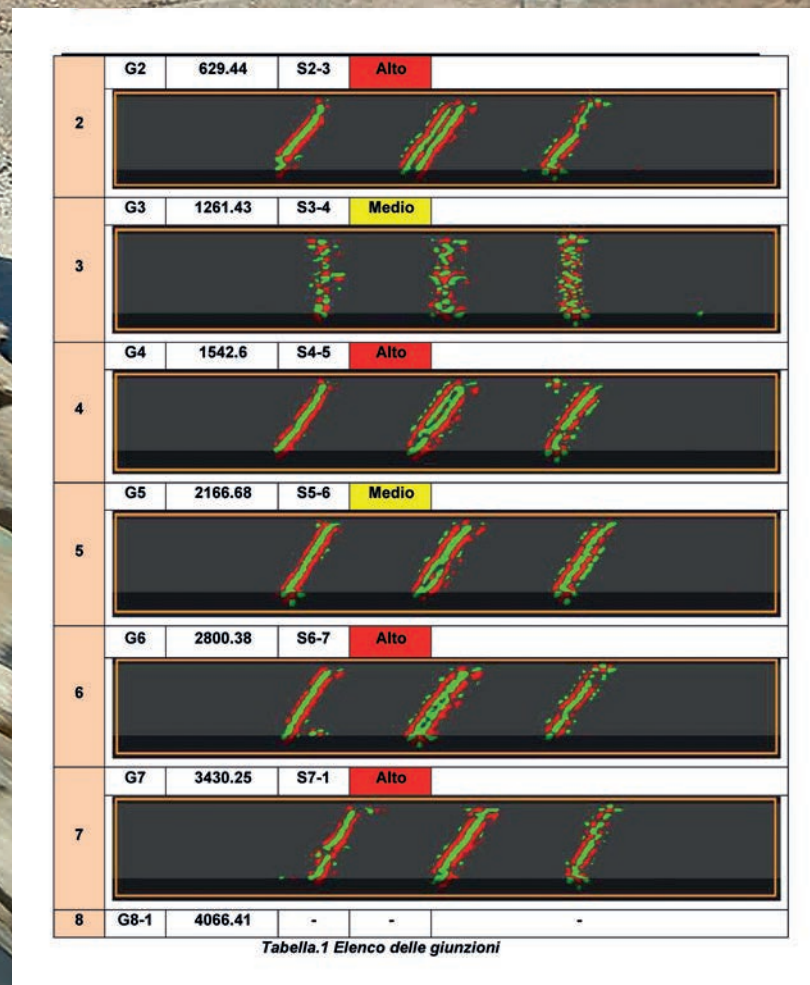


MCube SCS Visualization of Wear, Corrosion and Damages

The MCube SCS offers the most accurate insights into the condition of steel cord conveyor belts, showcasing detailed representations of belt segments, splices and anomalies, for precise assessments.

On-site automated report generation with detailed visuals provide a comprehensive understanding of the belt's condition, identifying issues such as broken cords, corrosion, holes, and splice deformations that may be overlooked with less advanced systems.

Effective reporting delivers clear and concise visual data together with exact positions, aiding quick understanding for operators and maintenance teams, leading to proactive maintenance and minimized downtime.



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INTRODUCING THE MCUBE STEEL CORD SCANNER (SCS)

At REMA TIP TOP, we are dedicated to providing innovative solutions for the mining industry. We are excited to introduce our cutting-edge product, the MCube Steel Cord Scanner (SCS). Designed to monitor the condition of steel cord conveyor belts up to 2,400 mm in width, the SCS offers unparalleled benefits that will transform your belt maintenance strategies and optimize your operations.

Why Choose REMA TIP TOP's MCube SCS?

Precise Condition Monitoring: The SCS carefully examines the steel cord structure and splices, ensuring an accurate assessment of the belt's condition.

Optimization of Maintenance Policies: Make more rational and optimized decisions for maintaining or replacing belt segments based on reliable data provided by the MCube SCS.

Continuous Operation: Perform condition monitoring with the conveyor in operation, allowing real-time analysis and immediate corrective action.

Performance Loss Diagnosis: Identify and diagnose possible causes of performance loss, such as broken cords, corrosion, holes, and splice deformations, enabling proactive maintenance and maximizing belt efficiency.

Comprehensive Reporting: Generate detailed reports to gain valuable insights to localize and estimate damage, providing valuable information for optimizing maintenance schedules and minimizing downtime.

Versatile Application: MCube SCS is capable of scanning belts up to a maximum width of 2,400 mm. Its modular design allows for easy installation on both new and existing conveyors, making it adaptable to various operational needs.

The Ultimate Steel Cord Integrity and Inspection System

REMA TIP TOP's MCube Steel Cord Scanner (SCS) is a state-of-the-art device engineered to accurately monitor the condition of your steel cord conveyor belts. With our non-contact and high-resolution technology, the SCS provides vital information that helps managers define rational and optimized maintenance strategies to increase operational efficiency.

Measure with Precision, Optimize with Confidence

Thanks to REMA TIP TOP's MCube SCS, you can now monitor the condition of your steel cord conveyor belts during operation. Real-time analysis allows you to diagnose possible causes of performance degradation and take immediate corrective action. The SCS empowers you to optimize belt maintenance and repair decisions based on accurate data, reducing downtime and maximizing productivity.



MEASURING



REPORTING



INSPECTION



EXECUTION

REMA MCUBE INTRODUCING THE MCUBE STEEL CORD SCANNER (SCS)

Insightful Data for Informed Decision-Making

The MCube SCS from REMA TIP TOP provides the most accurate insights into the condition of steel cord conveyor belts through magnetic flux leakage detection. This system offers detailed visuals of belt segments, splices, and anomalies, enabling precise assessments. Reports deliver comprehensive visual data and exact positions, helping operators and maintenance teams to quickly understand and resolve issues. This leads to proactive maintenance and minimized downtime, optimizing belt maintenance strategies and enhancing operational efficiency.

Take your Belt Maintenance to the Next Level

Invest in REMA TIP TOP's MCube SCS and revolutionize your conveyor belt maintenance strategies. Our advanced system empowers you to make informed decisions, optimize maintenance schedules, and enhance operational efficiency. Experience the future of belt monitoring and minimize downtime with our state-of-the-art technology.

Contact us now to schedule a demonstration and experience the future of steel cord belt monitoring with the SCS.

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MCUBE PORTFOLIO OVERVIEW



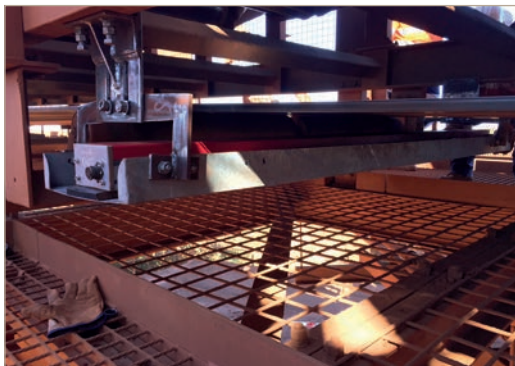
MCube BTM

- ✓ Non-contact belt and top cover wear measurement in just one revolution
- ✓ Provide information to define the policies for maintaining belts
- ✓ Perform measurements with the conveyor in operation
- ✓ Enable diagnosis of possible causes of performance loss
- ✓ Perform historical analysis of the wear profile



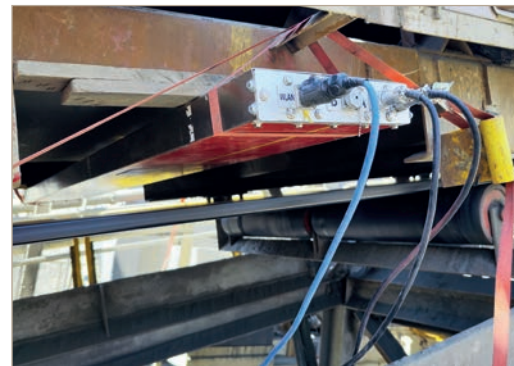
MCube BRD

- ✓ Prompt and accurate detection of belt rips utilizing sensor loops in the belt
- ✓ Minimize downtime and prevent catastrophic failures
- ✓ Enhance operational safety and reduce risks
- ✓ Facilitate proactive maintenance planning
- ✓ Optimize belt replacement strategies based on real-time data



MCube SCS

- ✓ Non-contact high resolution system
- ✓ Structural monitoring of the steel cord casing for broken, corroded or torn cables
- ✓ Location and analysis of splices in the belt
- ✓ Parameterizable automatic and instantly available report
- ✓ Inspection during production

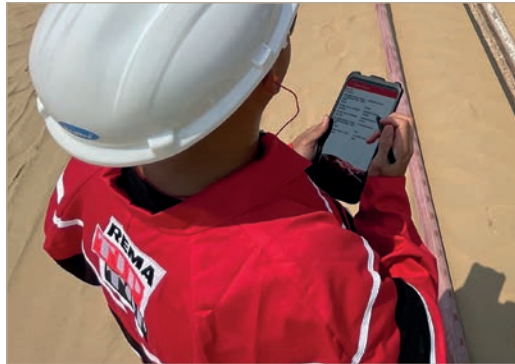


MCube X-Ray

- ✓ Obtain high-quality X-ray radiography inspections for industrial applications
- ✓ Accurately detect defects and anomalies in materials and products
- ✓ Enhance your quality control and assurance processes
- ✓ Improve safety by identifying potential hazards and structural weaknesses

REMA MCUBE

REMA ENGINEERED TECHNOLOGIES OVERVIEW



CCube – Improving Process Efficiency and Customer Interactions

- ✓ Available 24/7 on a global level
- ✓ Field inspections scheduling, inspection execution & documentation
- ✓ Professional asset management
- ✓ Significant increase in process efficiency through standardization of data
- ✓ Better knowledge management and faster response times



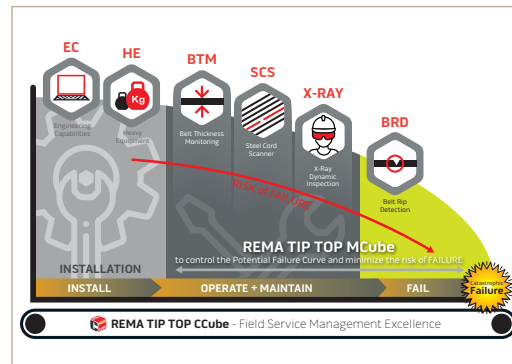
Heavy Equipment

- ✓ Our high-quality heavy equipment ensures that our teams are best positioned to deliver industry leading, world class conveyor installation & maintenance services
- ✓ Whether it's belt winders, stand ups, high torque auxiliary and clamping drives or turning and lapping stations as well as vulcanizing presses up to 3.2 m wide, REMA TIP TOP has a full range of equipment to offer its customers industry proven services
- ✓ REMA TIP TOP manages the entire construction process for its customers and is specialized in the design, manufacturing and implementation of heavy equipment custom tailored to specific uses and capabilities



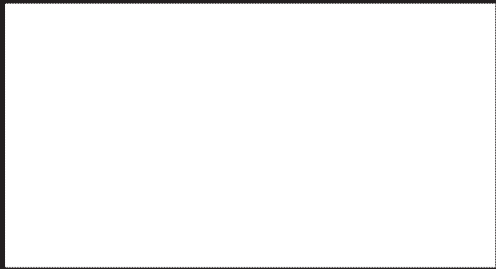
Engineering Capabilities

- ✓ In addition to the maintenance and repair of industrial plants, REMA TIP TOP also develops specific projects to optimize industrial plants
- ✓ Aspects such as functionality and efficiency are reviewed and improved to make processes more effective
- ✓ All necessary steps of the project are developed "in house": design and engineering, internal production as well as the complete installation and maintenance of the project



REMA Engineered Technologies – Driving the Digitization of Service

- ✓ Innovation and Efficiency: Combining engineering and digital technologies drives innovation and operational efficiency
- ✓ Reliability and Quality Assurance: Integrating reliability engineering ensures consistent performance while reducing downtime
- ✓ Adaptability and Resilience: The synergy enables quick adaptation to market changes, fostering resilience and business continuity
- ✓ Global Scalability: Centralizing expertise for consistent excellence and scalable growth



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