



// ONE BRAND // ONE SOURCE // ONE SYSTEM

REMA MCUBE

INTRODUCING THE MCUBE BELT THICKNESS MEASUREMENT (BTM)

Revolutionize Your Conveyor Belt Maintenance with Advanced Wear Profile Analysis

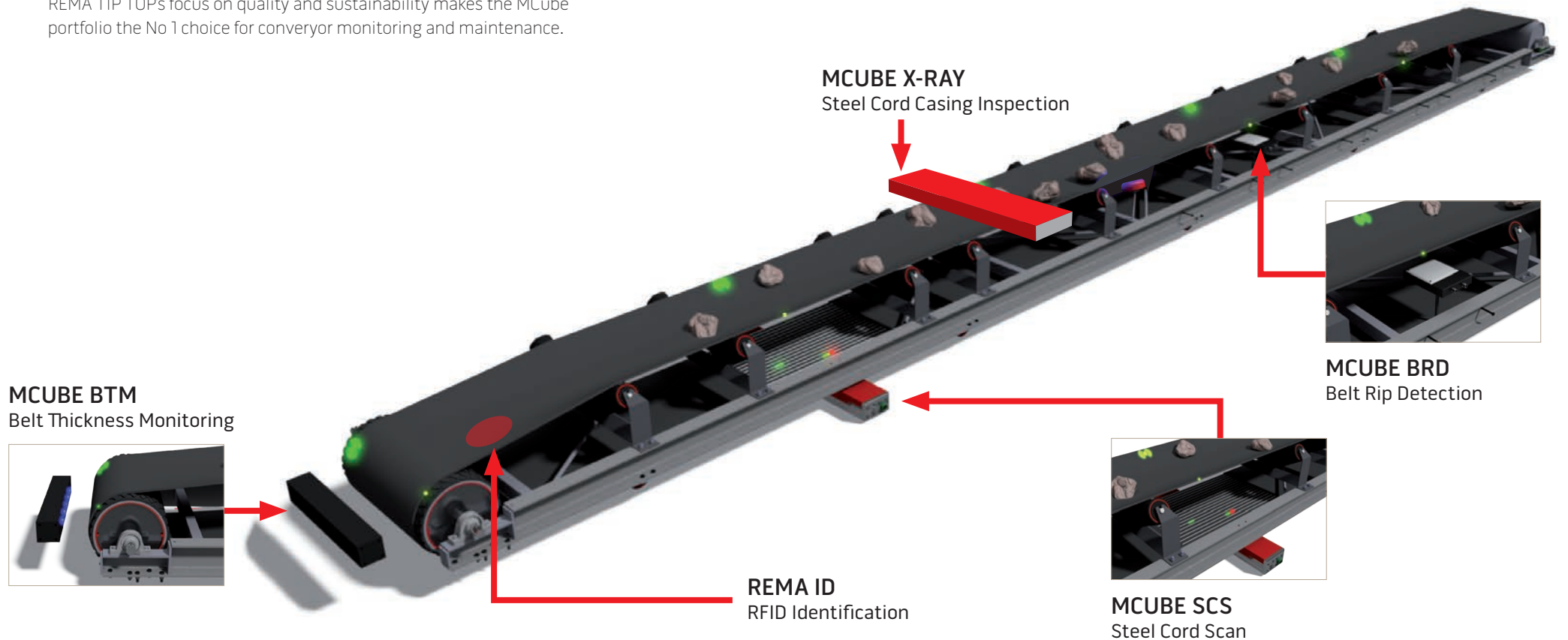
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REMA MCUBE PORTFOLIO OVERVIEW

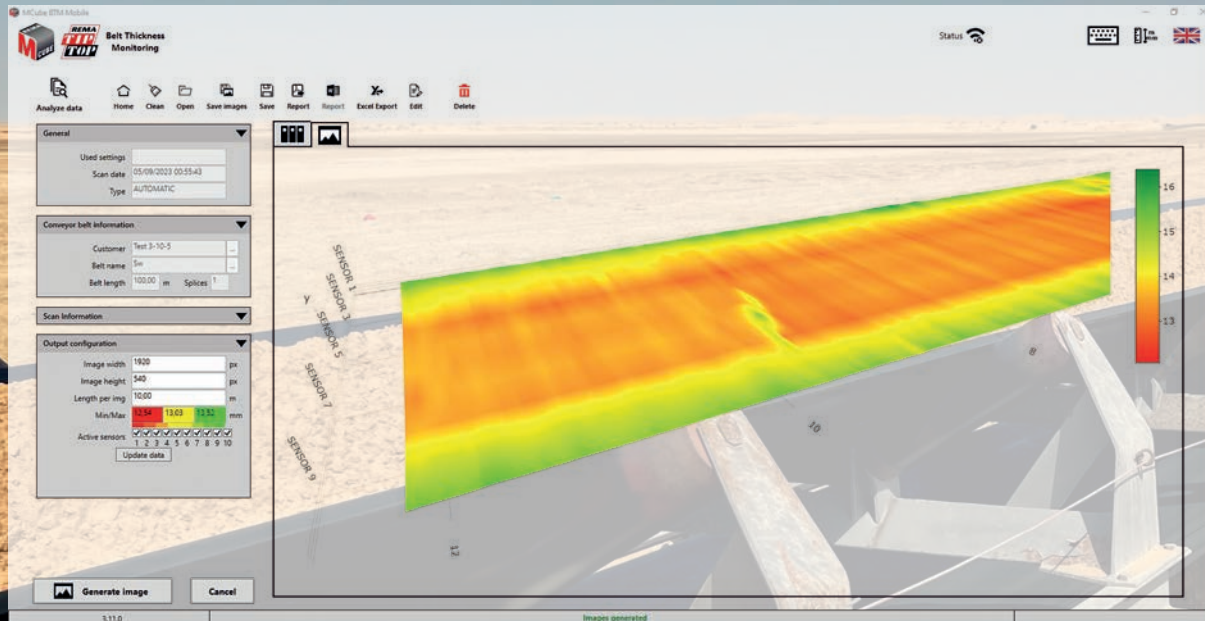
The REMA TIP TOP MCube portfolio offers a wide range of products for maintaining and servicing conveyor belts.

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.



REMA MCUBE INTRODUCING THE MCUBE BELT THICKNESS MEASUREMENT (BTM)



MCube BTM 3D Visualization

The MCube BTM 3D visualization offers most accurate insights into conveyor belt wear, showcasing detailed contours and deformations for precise assessments.

3D visuals deliver a complete understanding of wear patterns across the entire belt surface, identifying weak points and irregularities that may be missed in 2D.

The immersive 3D representation delivers impactful visuals, aiding quick understanding for operators and maintenance teams, leading to proactive maintenance and reduced downtime.

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INTRODUCING THE MCUBE BELT THICKNESS MEASUREMENT (BTM)

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 Belt Thickness Measurement (BTM). Designed to measure the wear of the conveyor belt profile in just one revolution, the BTM offers unparalleled benefits that will transform your belt maintenance strategies and optimize your operations.

Why Choose REMA TIP TOP's MCube BTM?

Precise Wear Measurement: Measure the total wear of the conveyor belt profile in just one revolution including a detailed analysis of the **top cover thickness** ensuring accurate assessment of belt condition.

Optimization of Belt Maintenance Policies: Make more rational and optimized decisions for repairing or changing belt flights or belts, based on reliable data provided by the MCube BTM.

In-operation Measurements: Perform wear measurements with the conveyor in operation, allowing real-time analysis and immediate corrective action.

Performance Loss Diagnosis: Identify and diagnose possible causes of performance loss, enabling proactive maintenance and maximizing belt efficiency.

Historical Wear Profile Analysis: Perform historical analysis of the wear profile, gaining valuable insights for optimizing maintenance schedules and minimizing downtime utilizing a detailed **3D visualization** of the belt surface.

Wide Range of Application: MCube BTM is capable of scanning belts up to a maximum width of 3,200mm. Due to its weight of only 25kg the MCube BTM can easily be transported and handled.

The Ultimate Wear Profile Analysis Solution

REMA TIP TOP's MCube Belt Thickness Measurement (BTM) is a state-of-the-art device engineered to accurately measure the wear of your conveyor belt profile. With our advanced technology, the BTM provides vital information that helps managers define rational and optimized policies for changing belts, thus enhancing operational efficiency.

Measure with Precision, Optimize with Confidence

Thanks to REMA TIP TOP's MCube BTM, you can now perform wear measurements with the conveyor in operation. This allows for real-time analysis, enabling you to diagnose possible causes of performance loss and take immediate corrective action. The BTM empowers you to optimize belt maintenance and repair decisions based on accurate data, reducing downtime and maximizing productivity.



MEASURING



REPORTING



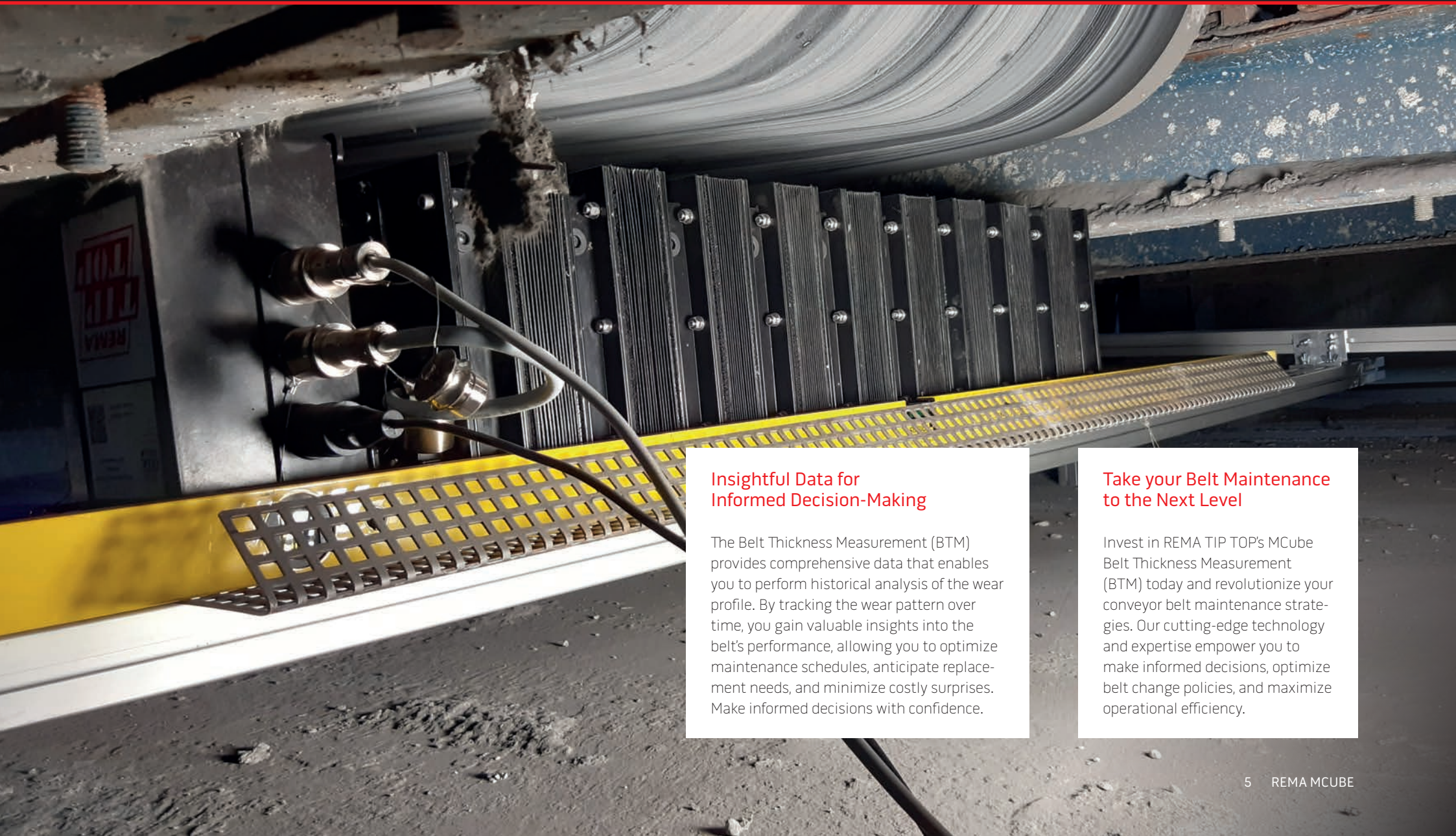
INSPECTION



EXECUTION

REMA MCUBE

INTRODUCING THE MCUBE BELT THICKNESS MEASUREMENT (BTM)



Insightful Data for Informed Decision-Making

The Belt Thickness Measurement (BTM) provides comprehensive data that enables you to perform historical analysis of the wear profile. By tracking the wear pattern over time, you gain valuable insights into the belt's performance, allowing you to optimize maintenance schedules, anticipate replacement needs, and minimize costly surprises. Make informed decisions with confidence.

Take your Belt Maintenance to the Next Level

Invest in REMA TIP TOP's MCube Belt Thickness Measurement (BTM) today and revolutionize your conveyor belt maintenance strategies. Our cutting-edge technology and expertise empower you to make informed decisions, optimize belt change policies, and maximize operational efficiency.

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MCUBE PORTFOLIO OVERVIEW



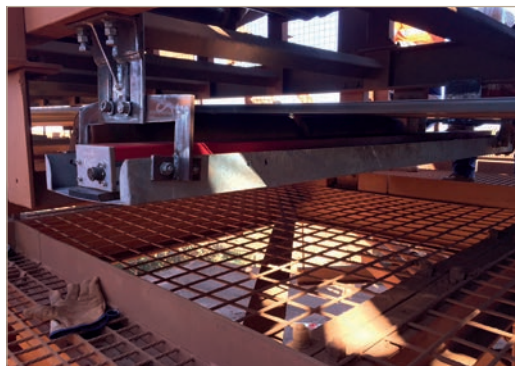
MCube BTM

- ✓ 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

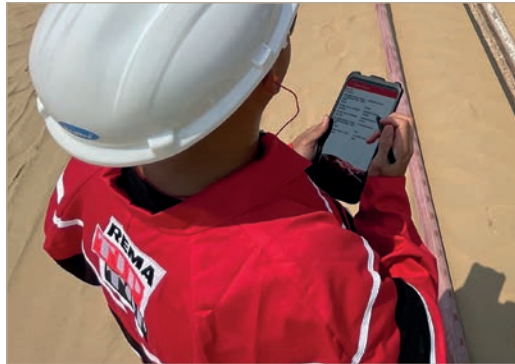


MCube X-Ray

- ✓ 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

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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



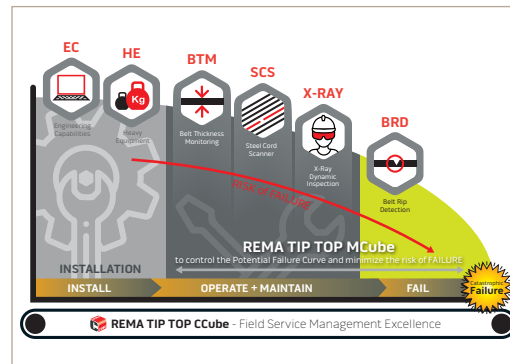
Heavy Equipment

- ✓ 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



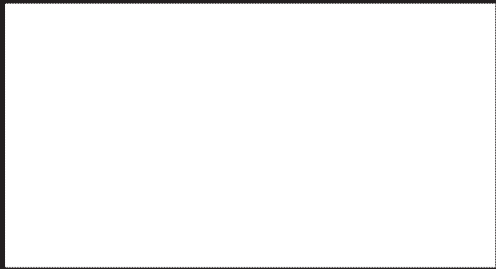
Engineering Capabilities

- ✓ 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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