



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

A large, dark, curved pipe is shown against a background of weathered metal. A smartphone is mounted on a stand in the foreground, displaying a video feed of the pipe's interior. The video feed shows the dark, ribbed interior of the pipe.

REMA MCUBE
INTRODUCING MCUBE CAM – AI TOP COVER ANALYSIS
Using a smartphone for advanced, AI-powered video analysis and report generation

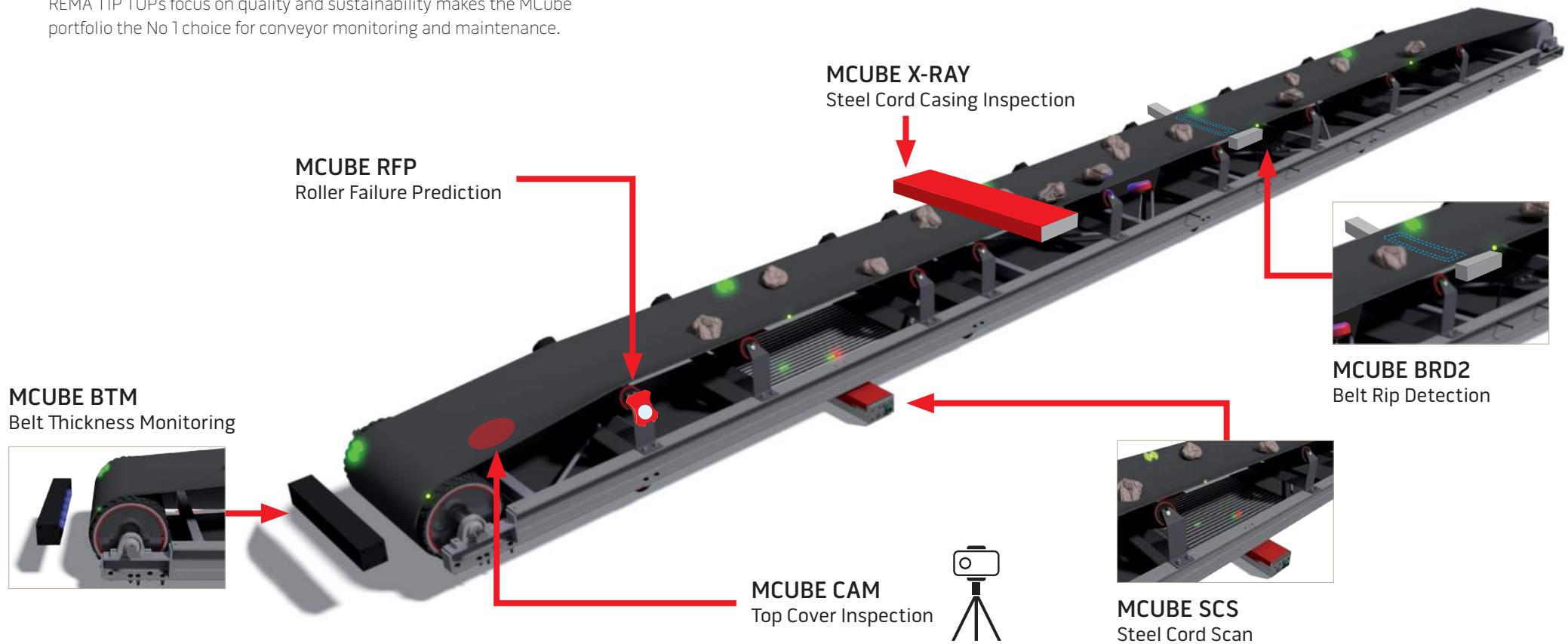
REMA MCUBE

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.

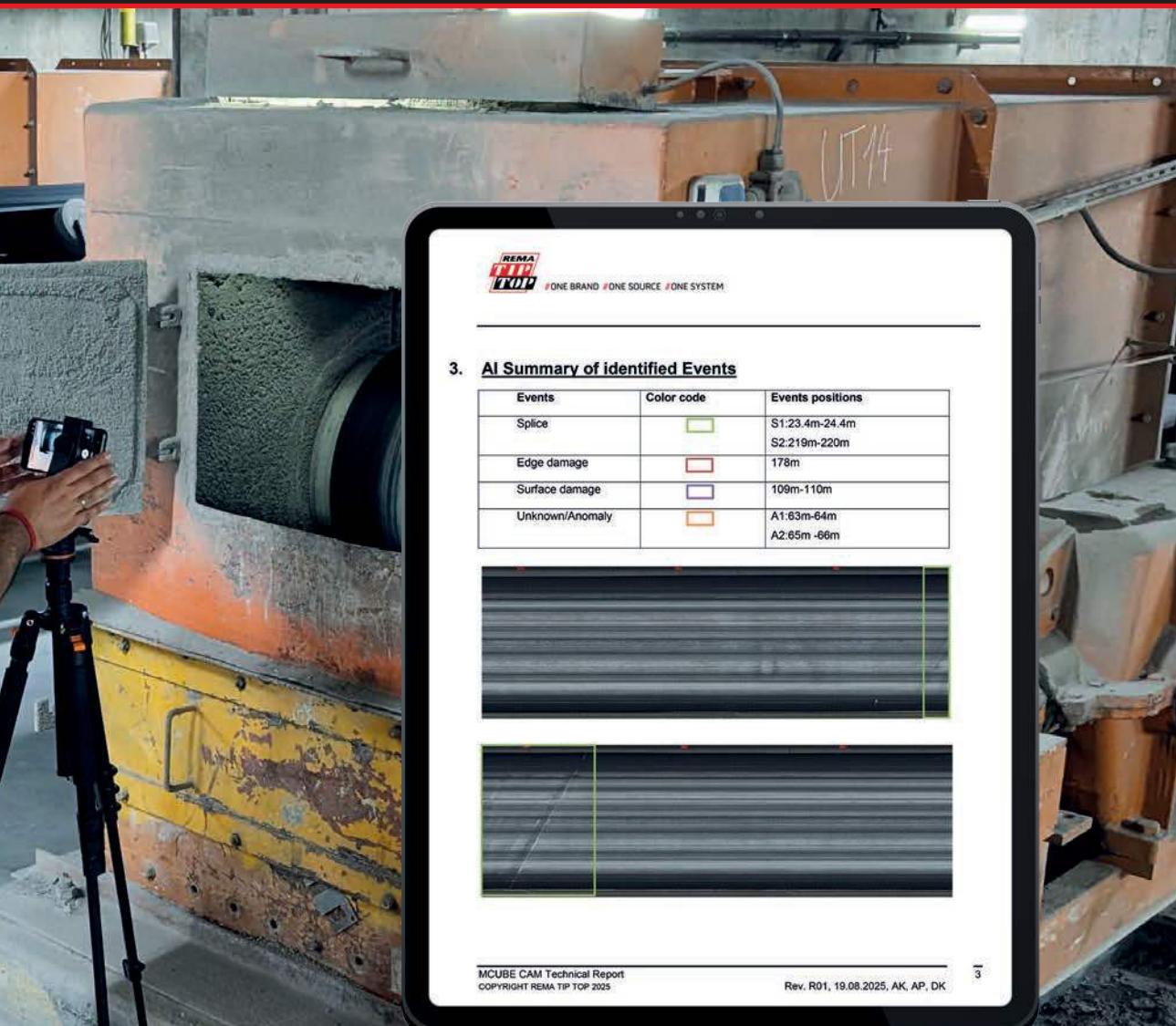




Bring your belt knowledge to the next level

Current standard	MCube CAM
Visual inspection by eye	→ Smartphone video + AI analysis
Subjective assessments	→ Standardized, measurable results
No documentation	→ Automated report with belt map
No historical tracking	→ Trend analysis over time

Analysis especially for (but not limited to) belt conveyors with limited visibility & accessibility in challenging environments!



MCUBE CAM Technical Report
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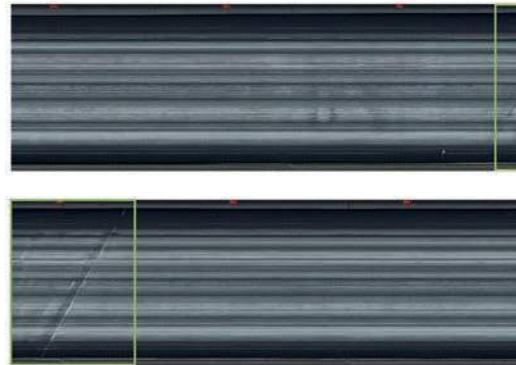
Rev. R01, 19.08.2025, AK, AP, DK

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3. AI Summary of identified Events

Events	Color code	Events positions
Splice	Green	S1:23.4m-24.4m S2:219m-220m
Edge damage	Red	178m
Surface damage	Blue	109m-110m
Unknown/Anomaly	Orange	A1:83m-84m A2:65m -66m



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INTRODUCING MCUBE CAM – AUTOMATED BELT TOP COVER ANALYSIS

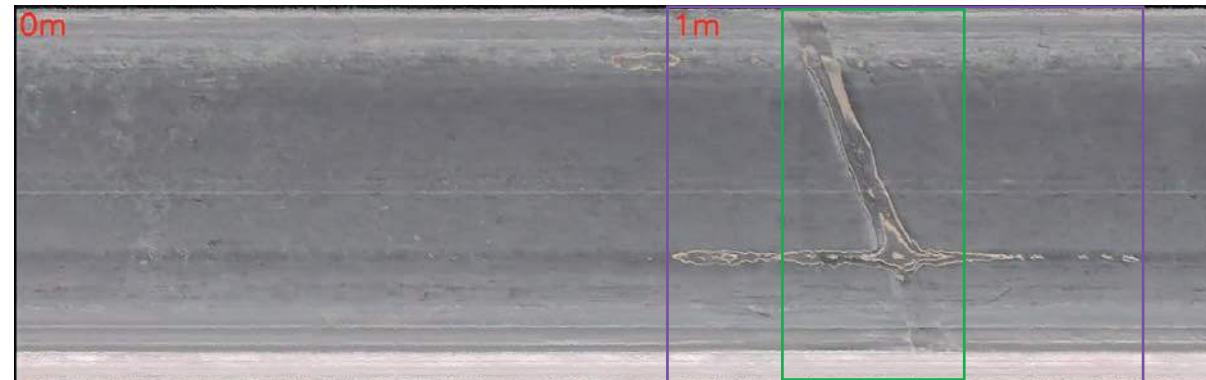
Why choosing REMA TIP TOP's MCube CAM?

AI-powered video analysis and report generation

- AI-powered detection of splices, damages and anomalies
- Meter marking to easily find each event on the real belt
- Full belt map with all events
- Detailed pictures of each event in high resolution
- Recommendations to ensure improved belt performance

An easy-to-follow process

1. **Record:** Film the belt with a smartphone
2. **Upload:** Upload the video via our platform
3. **Analyze:** Software processes video — AI-powered event detection
4. **Report:** Receive a report including defect map with severity ratings



High-resolution image created from video using AI-powered event detection

Ideal Condition Analysis for

Overland conveyors

Avoid long walk downs

Long trunk/haulage conveyors

Monitor splices and edges to prevent stoppages

Enclosed conveyors

Make the inaccessible visible

Pipe conveyors

Detect problems early in hard-to-see areas

Underground conveyors

Ensure problems are spotted early

Incline/Decline conveyors

Reduce dangerous walk downs



MONITORING



REPORTING



INSPECTION



EXECUTION

REMA MCUBE

INTRODUCING MCUBE CAM – AUTOMATED BELT TOP COVER ANALYSIS



Maximize Uptime & Profit

Prevent costly stoppages — even one avoided splice failure protects production and profit

Full Belt Visibility

Make the invisible visible — detect hidden damage along every meter of the belt

Lower Inspection Effort

Cut manual walk downs and repeated short stops — let your team focus on higher-value maintenance

Enhanced Safety

Detect issues early in hard-to-reach zones — no need for hazardous inspections

Compliance & Reliability

Stay compliant with safety and environmental standards while improving operational reliability

Fast ROI

Quick payback through reduced downtime, fewer repairs, and extended belt life

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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



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



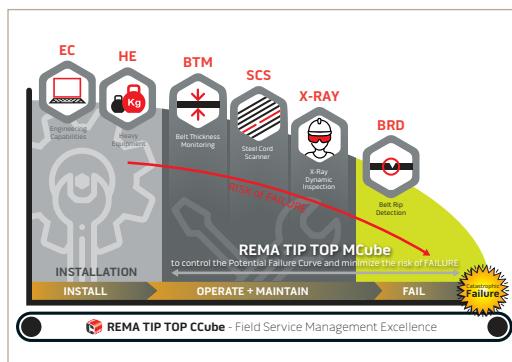
Heavy Equipment

- ✓ 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



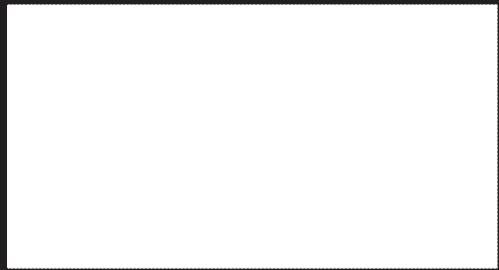
Engineering Capabilities

- ✓ 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



Your local contact



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