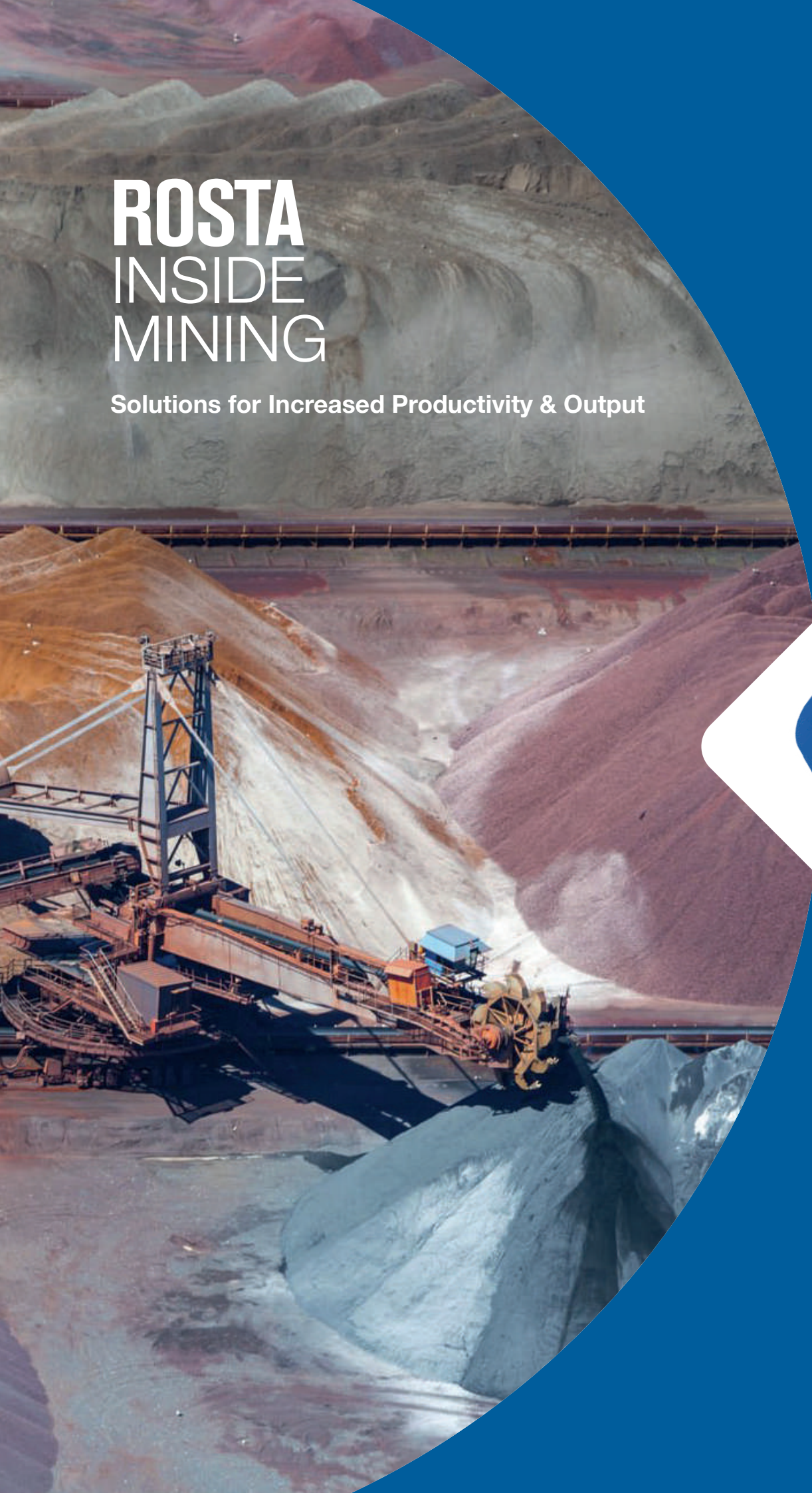




ROSTA INSIDE MINING

Solutions for Increased Productivity & Output

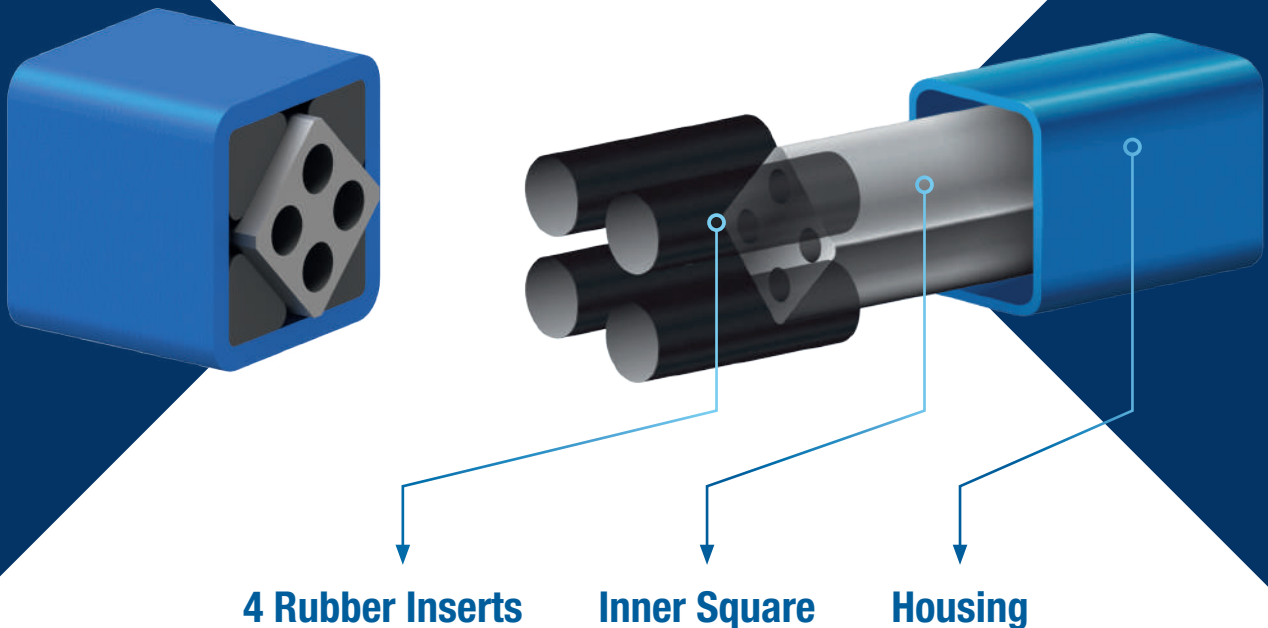


rosta.com

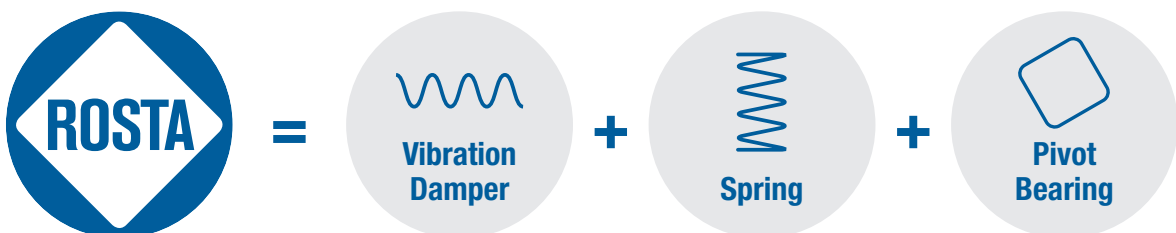
THE CORE OF OUR EXCELLENCE

One Smart Concept, Endless Applications

It all started in 1944 with a clever invention. Today, ROSTA is the world's leading manufacturer when it comes to rubber spring, tensioning and damping solutions.



The ROSTA Element, an elastomer powered torsional spring, is central to our range of specialized machine components designed to provide a combination of useful functions.



WHY WORK WITH ROSTA

Efficiency & Productivity

- Increased Productivity
- Smooth Operations
- Quality Materials

Lower Total Costs

- Longer Service Life
- Maintenance-Free Operation
- Simple, Durable & Noiseless



**CUSTOMER
VALUE-ADD**

Service & Aftersales

- Global Presence
- 24/7 Support
- High Stock Level

Flexibility & Customization

- Control Linear & Rotary Motion
- Torsional Elastomer Spring Solutions
- Customized Engineered Solutions
- Digital Services and Engineering

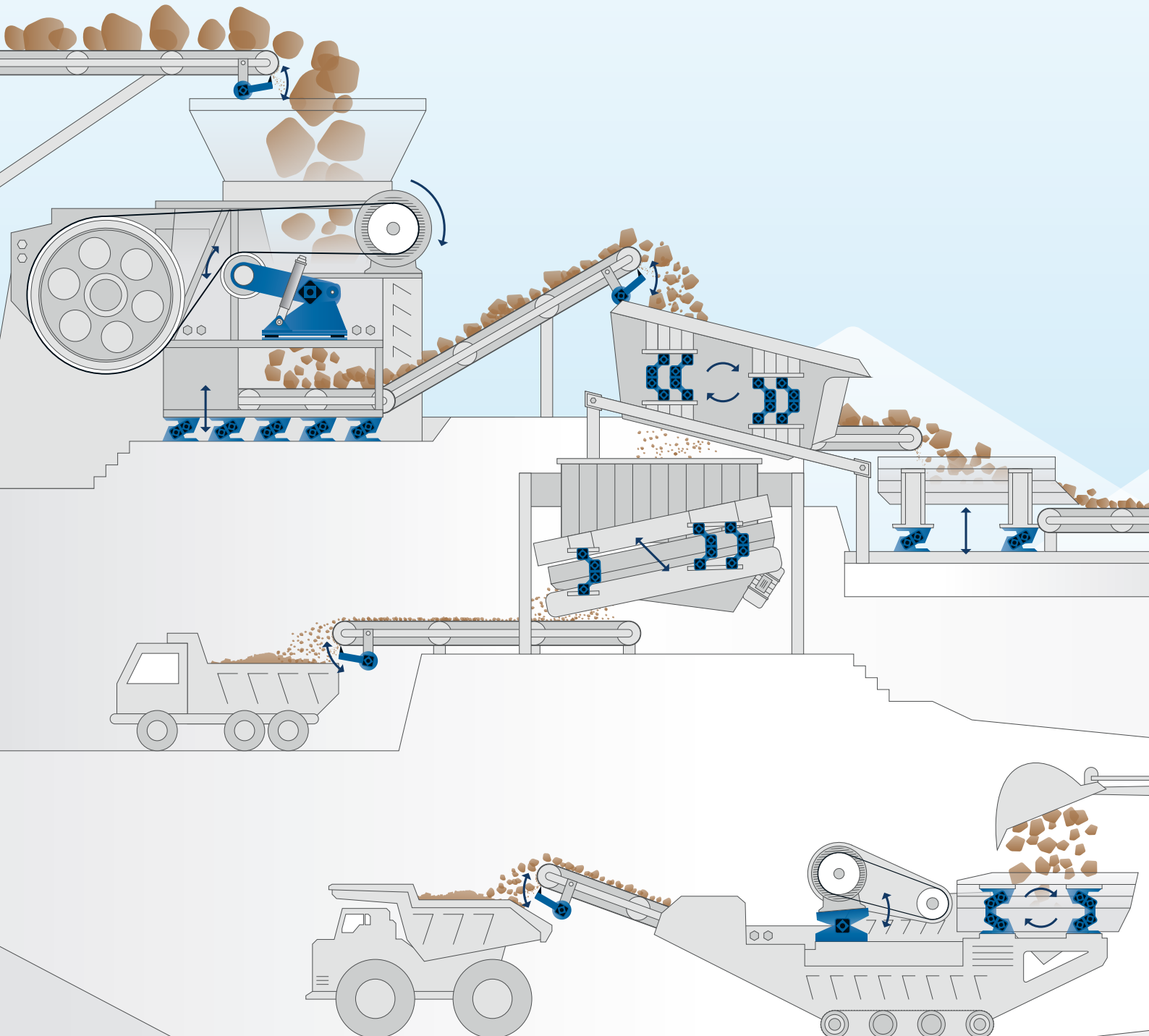
Swiss made 

We are here to support your success. **Contact ROSTA today!**



ROSTA INSIDE MINING

Our ROSTA solutions play a significant role in optimizing the productivity of machines within the mining process. Our components enhance output while also promoting resource conservation. A clever solution, with ROSTA INSIDE!



VIBRATING SCREENS & FEEDERS – FIXED PLANT

- Oscillating Mountings.....4
- Dynamic Tensioner Devices..... 10

CRUSHERS & BREAKERS

- Anti-Vibration Mounts 14
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PUMPS & FANS

- Dynamic Tensioner Devices..... 18

CONVEYOR BELTS & IMPACT TABLES

BELT SCRAPERS

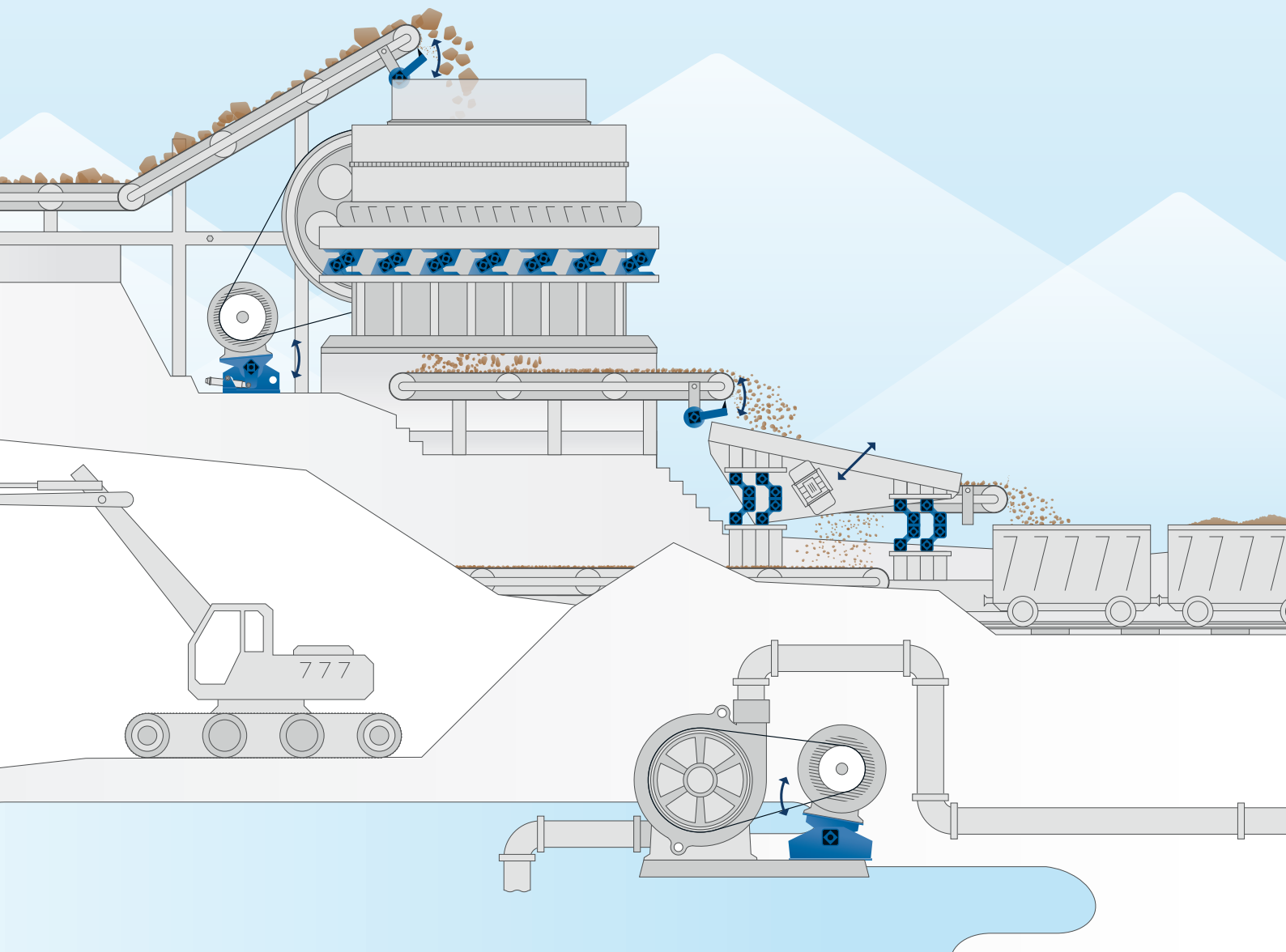
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INSIDE VIBRATING SCREENS & FEEDERS – FIXED PLANT

ROSTA OSCILLATING MOUNTINGS

ROSTA oscillating mountings are crafted to provide a seamless blend of long-lasting performance and unparalleled vibration isolation for heavy-duty screens and feeders.

ROSTA ADVANTAGES

- **Reduce vibrations and dynamic loads to the sub-structure with low natural frequencies**
- **Improve productivity through increased acceleration and material flow with ROSTA's unique design**
- **Improve control over the resonance at the start and stop, through damping**
- **Eliminate the need for additional safety and stability features**
- **Ensure longevity and cost-effective performance with high-quality ROSTA rubber**

CUSTOMER BENEFITS



Maximum level of vibration isolation



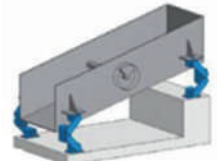
Long and reliable service life



Safety, stability and silence



Increased throughput

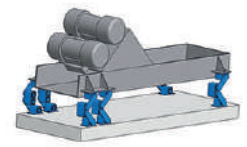


Circular screens



AB-HD Series

ROSTA's AB Series oscillating mountings feature a unique 'catapult' design, improving material acceleration and maximising the throughput in heavy duty machinery.



Linear screens



AB TWIN

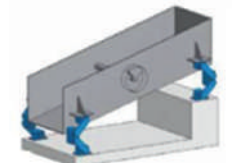
ROSTA AB TWIN Element is meticulously engineered to control oscillating motion in large and heavy-duty machinery.



HS Series

Stability of ROSTA HS mountings makes them the best choice for hanging applications, where safety and reliability are paramount.





Circular screens





AB-LF

With the natural frequency at approx. 2 Hz, ROSTA AB-LF offers outstanding vibration isolation capabilities.

INSIDE VIBRATING SCREENS & FEEDERS – FIXED PLANT

ROSTA DYNAMIC TENSIONER DEVICES

ROSTA Tensioning Technology offers 'Set & Forget' solutions for V-belt drives, effectively minimizing maintenance downtime and enhancing the drives' operational efficiency.

ROSTA ADVANTAGES

- **Automatic belt tensioning through the engagement of the ROSTA torsion spring**
- **Quick one person belt replacement reduces the maintenance downtime by approx. 50%**
- **Realignment of pulleys is no longer required after initial setup**
- **Extended service life of 2 to 3 times for belts and bearings through ROSTA damping**
- **Protection from start/stop resonance and torque peaks**
- **Increased drive's efficiency through reduction of the belt slippage**
- **Lower cost of electricity and minimized CO2 emissions**

CUSTOMER BENEFITS



Reduces Maintenance



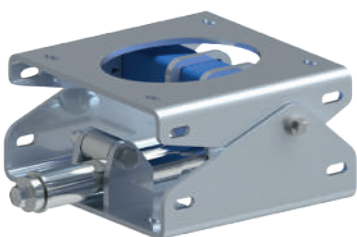
Quick belt replacement without realignment of pulleys



Improved service life of belts and bearings up to 3 times



Automatic compensation of belt elongation



MB 75 Motorbase Series

ROSTA MB 75 Motorbase features compact design with one, centrally-located, pre-tensioning device. Its hold-down bolt spacing is aligned with the motor for quick and easy retrofitting.



Motobase MB 50

ROSTA MB 50 ensures maximum service life of all drive components and quick replacement of the belts.



EZ Tensioner Series

ROSTA EZ Tensioners ensure secure alignment of long belt drives and those featuring unbalanced pulleys.

INSIDE CRUSHERS & BREAKERS

ROSTA ANTI-VIBRATION MOUNTS

ROSTA anti-vibration mounts are meticulously designed to offer superior vibration isolation and protection from shocks through damping. Our ESL elements are specifically engineered to withstand demanding environments of the mining industry.

CUSTOMER BENEFITS



Enhanced vibration isolation and damping



Improved safety and comfort on site



Extended service life of equipment

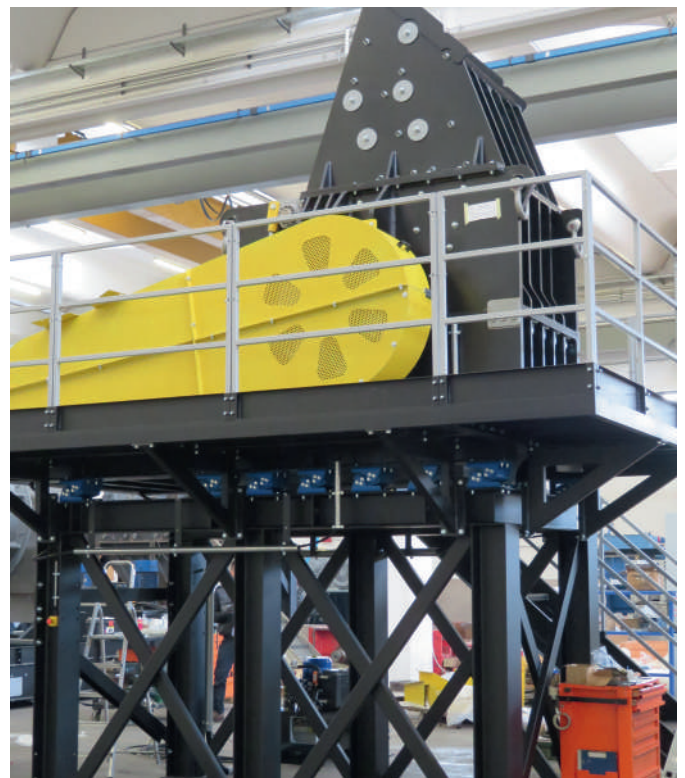


Optimized performance



ESL Series

ROSTA ESL anti-vibration mounts offer unparalleled stability and durability, making them the optimal choice for various applications in the mining industry.



INSIDE CRUSHERS & BREAKERS

ROSTA DYNAMIC TENSIONER DEVICES

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- **Lower cost of electricity and minimized CO2 emissions**

CUSTOMER BENEFITS



Reduces Maintenance



Quick belt replacement without realignment of pulleys



Improved service life of belts and bearings up to 3 times



Automatic compensation of belt elongation



Motorbase MB 100 x 750

ROSTA MB 100 x 750 Motorbase features a self-locking pre-tensioning device, making the belt fitting operations quick and effortless.

INSIDE PUMPS & FANS

ROSTA DYNAMIC TENSIONER DEVICES

ROSTA Tensioning Technology offers 'Set & Forget' solutions for V-belt drives, effectively minimizing maintenance downtime and enhancing the drives' operational efficiency.

ROSTA ADVANTAGES

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- **Protection from start/stop resonance and torque peaks**
- **Increased drive's efficiency through reduction of the belt slippage**
- **Lower cost of electricity and minimized CO2 emissions**

CUSTOMER BENEFITS



Reduces Maintenance



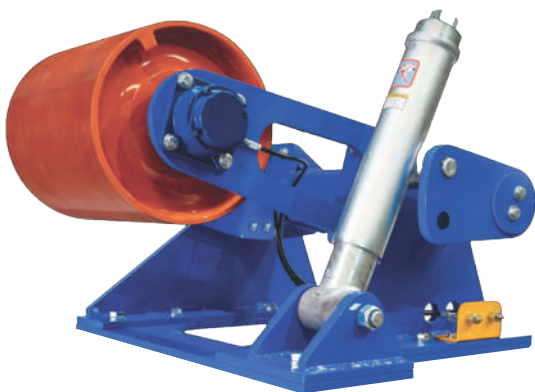
Quick belt replacement without realignment of pulleys



Improved service life of belts and bearings up to 3 times



Automatic compensation of belt elongation



Large Belt Tensioning System

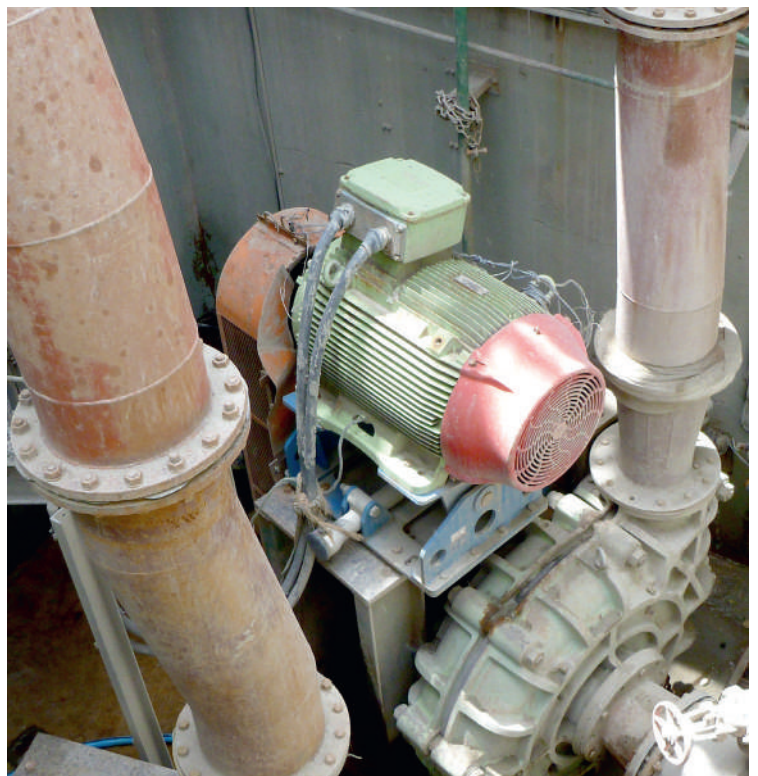
ROSTA LBTS eliminates the need for moving large and heavy motors to carry out belt fitting and maintenance operations.





Motorbase MB 100

Retrofitting the belts with ROSTA MB 100 Motorbase is quick and effortless, requiring only one person, using one tool.





Superior Lift Motorbase

ROSTA Superior Lift Motorbase has been designed specifically for large, vertical V-belt drives.

INSIDE CONVEYOR BELTS & IMPACT TABLES

BELT SCRAPERS

ROSTA Belt Scrapers are meticulously designed to offer superior and long lasting performance, easy installation and effectiveness.

ROSTA ADVANTAGES

- **Excellent efficiency and durability from high quality ROSTA rubber**
- **Easy installation and retrofitting ensures minimum downtime**
- **Protection from shocks and overloads through damping**
- **Long service life with minimal adjustment required post installation**
- **Suitable for versatile and demanding environments**
- **Reduction of energy consumption**

CUSTOMER BENEFITS



Cost-efficiency



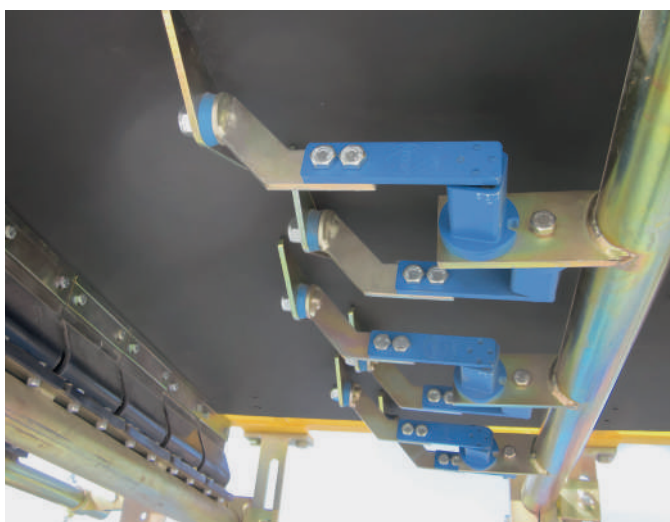
Long and reliable service life



Quick and easy installation

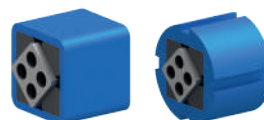


Improved safety and efficiency



SE Tensioners

ROSTA SE tensioner devices guarantee continuous and evenly distributed belt surface engagement.



Rubber Suspension Units

Standard ROSTA spring-based belt scraper ensures maximum efficiency and cost-effectiveness.

INSIDE CONVEYOR BELTS & IMPACT TABLES

IMPACT TABLES: ROSTA ANTI-VIBRATION MOUNTS

ROSTA mounts are engineered to protect and extend the service life of conveyor belts by efficiently absorbing/dissipating the energy from falling feeding material.

CUSTOMER BENEFITS



Efficient reduction of vibrations



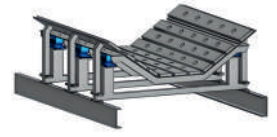
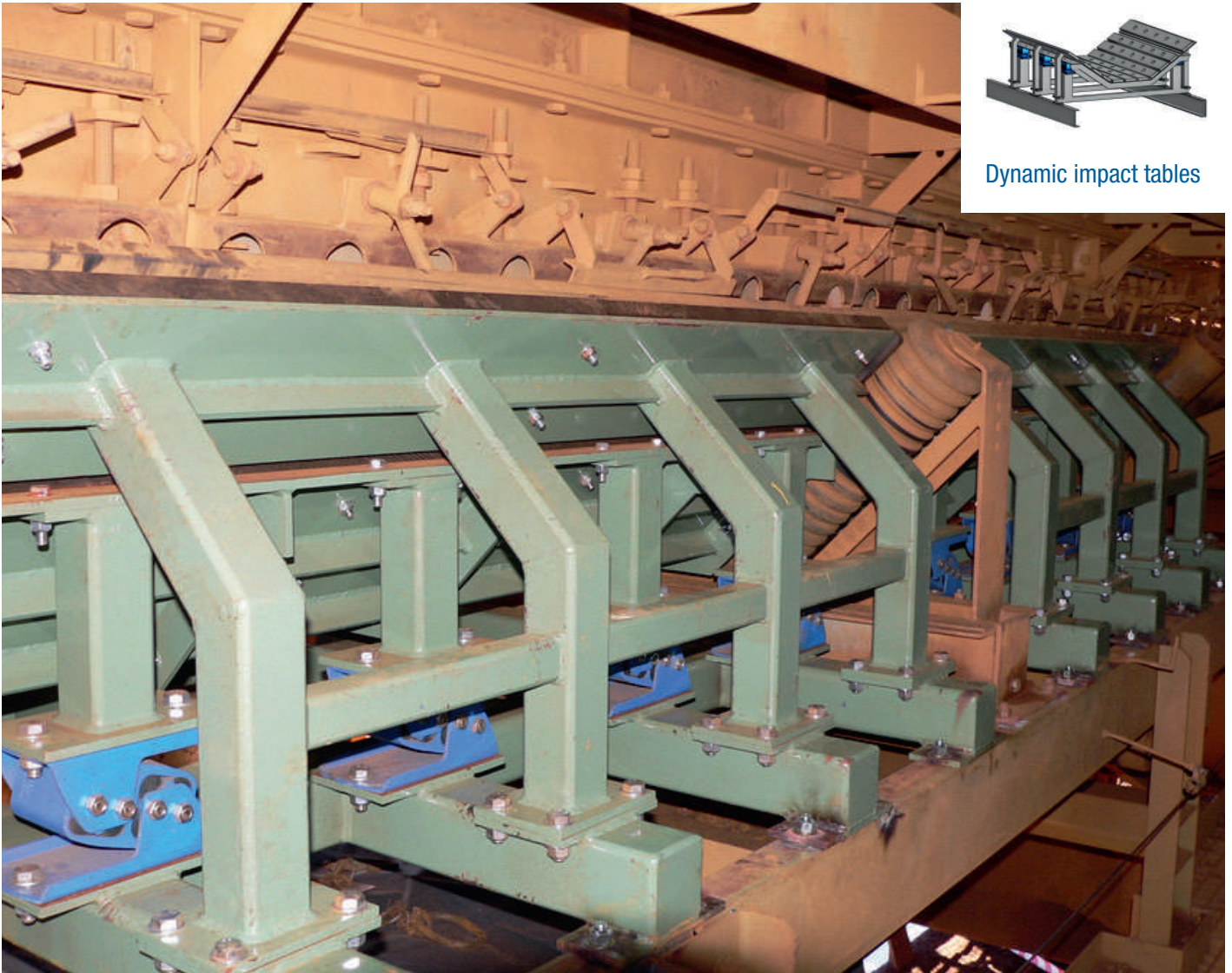
Quick and easy retrofitting



Significantly extended service life of conveyor belts



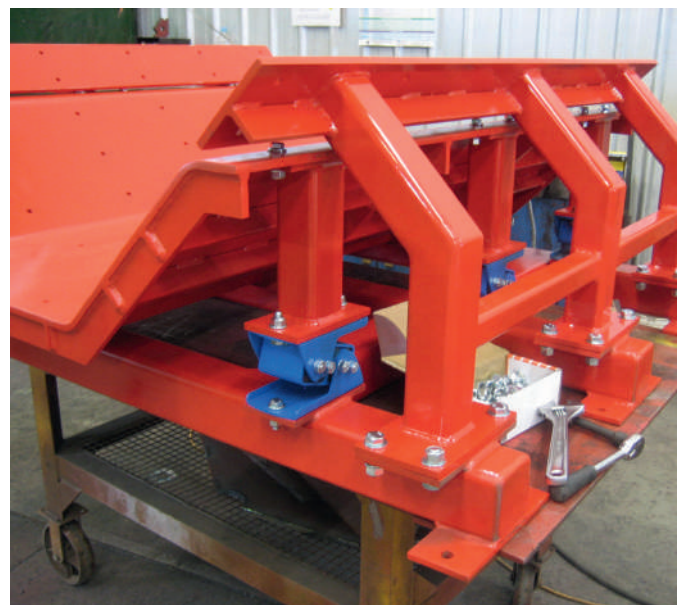
Reliable and long-lasting performance



Dynamic impact tables

ESL

The high quality of ROSTA rubber within the ESL mounts, guarantees reliable performance and a long service life of dynamic impact tables.



INSIDE VIBRATING MACHINES – MOBILE PLANT

ROSTA OSCILLATING MOUNTINGS

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- **Improve control over the resonance at the start and stop, through damping**
- **Eliminate the need for additional safety and stability features**
- **Ensure longevity and cost-effective performance with high-quality ROSTA rubber**

CUSTOMER BENEFITS



Safety and stability



Long and reliable service life



Maximum level of vibration isolation



Increased throughput



AB-HD

The distinctive 'catapult' design of ROSTA oscillating mountings increases material acceleration and the overall throughput.





AB-D

The exceptional stability of ROSTA mountings ensures safety and steadiness in mobile plant equipment.

INSIDE VIBRATING MACHINES – MOBILE PLANT

ROSTA DYNAMIC TENSIONER DEVICES

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- **Protection from start/stop resonance and torque peaks**
- **Increased drive's efficiency through reduction of the belt slippage**
- **Lower cost of electricity and minimized CO2 emissions**

CUSTOMER BENEFITS



Reduces Maintenance



Quick belt replacement without realignment of pulleys



Improved service life of belts and bearings up to 3 times



Automatic compensation of belt elongation



Motorbase MB 50

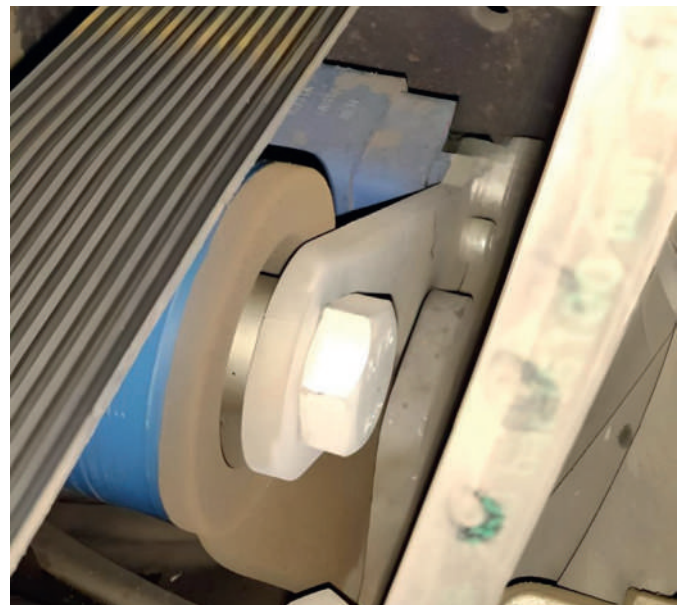
Motorbases protect all drive components through damping to ensure a long service life of the drive.





SE Tensioners

ROSTA SE tensioner devices excel in delivering unparalleled stability and durability, establishing them as the optimal choice for belt scraper applications in mobile plant conveyor systems.



OUR PORTFOLIO OVERVIEW



MOTORBASES

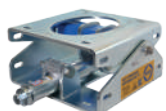
Self-tensioning motor mounts
for all friction belt drives



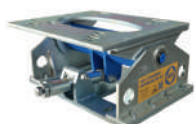
MB 50



MB 55



MB 75



MB 100



**SUPERIOR LIFT
MOTORBASE**



TENSIONER DEVICES

Tensioner systems for
belt and chain drives



SE



SE-B



SE-I



P



**LARGE BELT
TENSIONING SYSTEM**



EZ



RL / R



WS



OSCILLATING MOUNTINGS

Elastic suspensions for
screening and conveying



AB



AB-HD



AB-D



AB-LF



AB TWIN



HS

Can't find what you need in the catalog?

Our engineering team specializes in developing tailored solutions to meet your requirements.



VIBRATION DAMPERS

Components for shock and vibration control



ESL



V



AWI



NE



N



NOX



RUBBER SUSPENSION ELEMENTS

Multifunctional and adaptable suspension elements



DR



DW



DO



DK



BR/BK



WS



ROSTA DIGITAL

Industry 4.0
Monitoring your process and reduce downtime



SENSORS



DASHBOARD



DATA ANALYST

ROSTA SUPERIOR SWISS QUALITY AT A GLANCE

ESTABLISHED HERITAGE: Founded in Switzerland in 1944, our roots embody a legacy of superior quality and precision that is recognized worldwide.

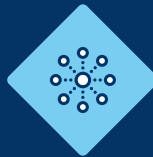
IMPRESSIVE SALES VOLUME: Our commitment to quality and reliability, across all our core markets, has resulted in an impressive annual sales volume of over 1.5 million units.

QUALITY ASSURANCE: Our commitment to quality is reinforced by rigorous in-house quality processes and our ISO certification, ensuring our products meet the highest standards.

CUSTOMIZED SOLUTIONS: We are known for developing tailored solutions to meet the specific needs of our clients, setting us apart in our markets.



GLOBAL FOOTPRINT: Our strategic worldwide presence allows us to spread our Swiss quality on a global scale.



EXTENSIVE DISTRIBUTION NETWORK: We ensure our industry-specific products reach a wide array of customers through our robust distribution network, extending across over 40 countries.



IN-HOUSE PRODUCTION: With most of our production taking place in Switzerland, we maintain full control over the quality and efficiency of our manufacturing process.



UNPARALLELED CUSTOMER SUPPORT: Our global presence is strengthened by personalized customer support, offering assistance and guidance to customers across all five continents.



CORE MARKETS: Specializing in five core markets – recycling, mining, agriculture, food & beverage, and eMobility – our expertise also extends to various other markets, enabling us to serve a wide range of customer needs effectively.



COLLABORATIVE INNOVATION AT OUR CORE: Our R&D department works closely with application engineers, fostering a culture of innovative and customized solutions, continuously evolving to meet market trends and demands.

SERVING OUR CUSTOMERS WORLDWIDE

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For information about our distribution partners worldwide please use the qr-code or visit **www.rosta.com/en/distribution-partners**

**ISO 9001
ISO 14001
BUREAU VERITAS
Certification**



Quality Control: For our customers ISO standards are a guarantee of constant quality and performance. ROSTA is an ISO 9001 and ISO 14001 certified company.

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