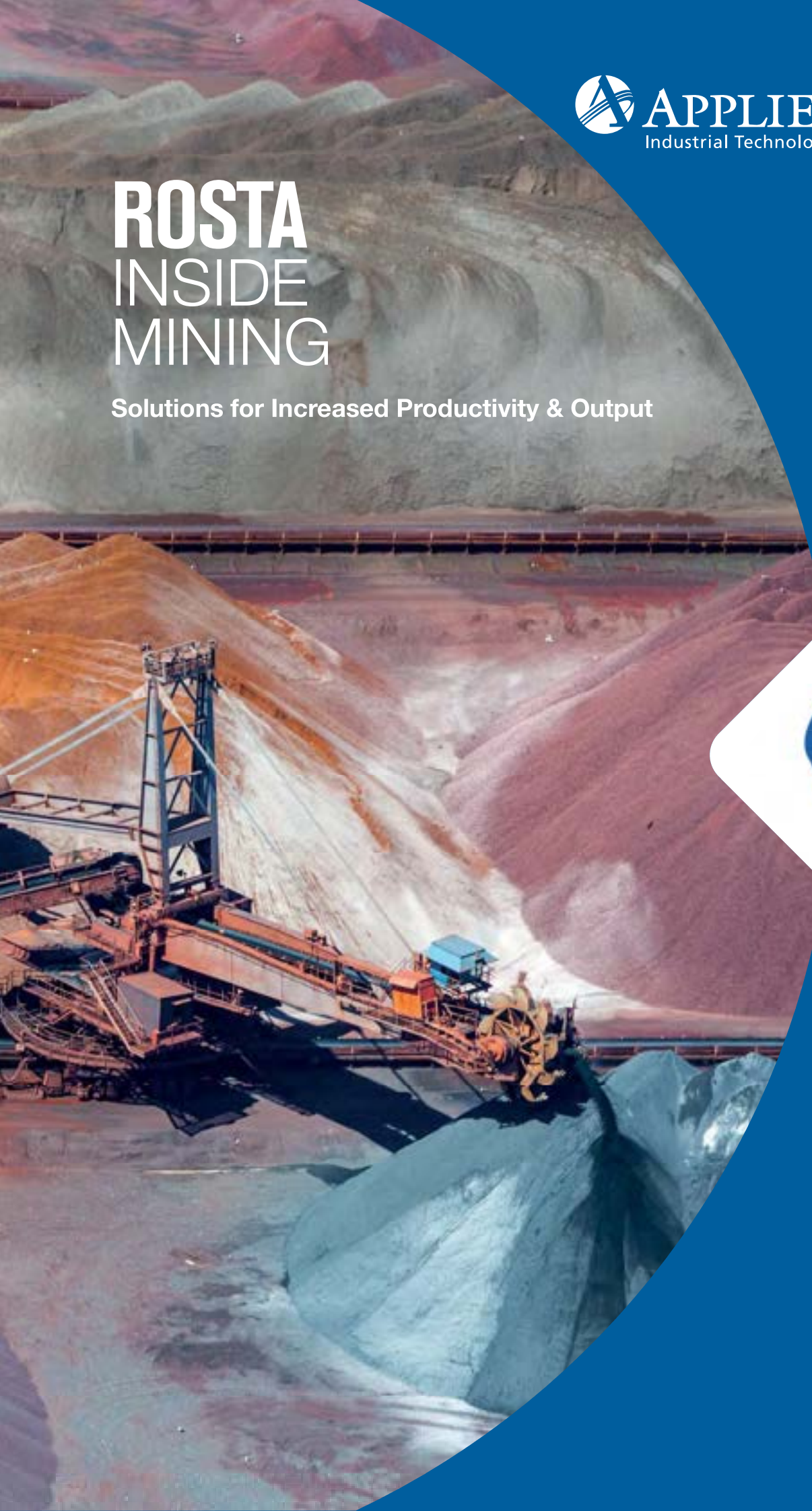


# ROSTA INSIDE MINING

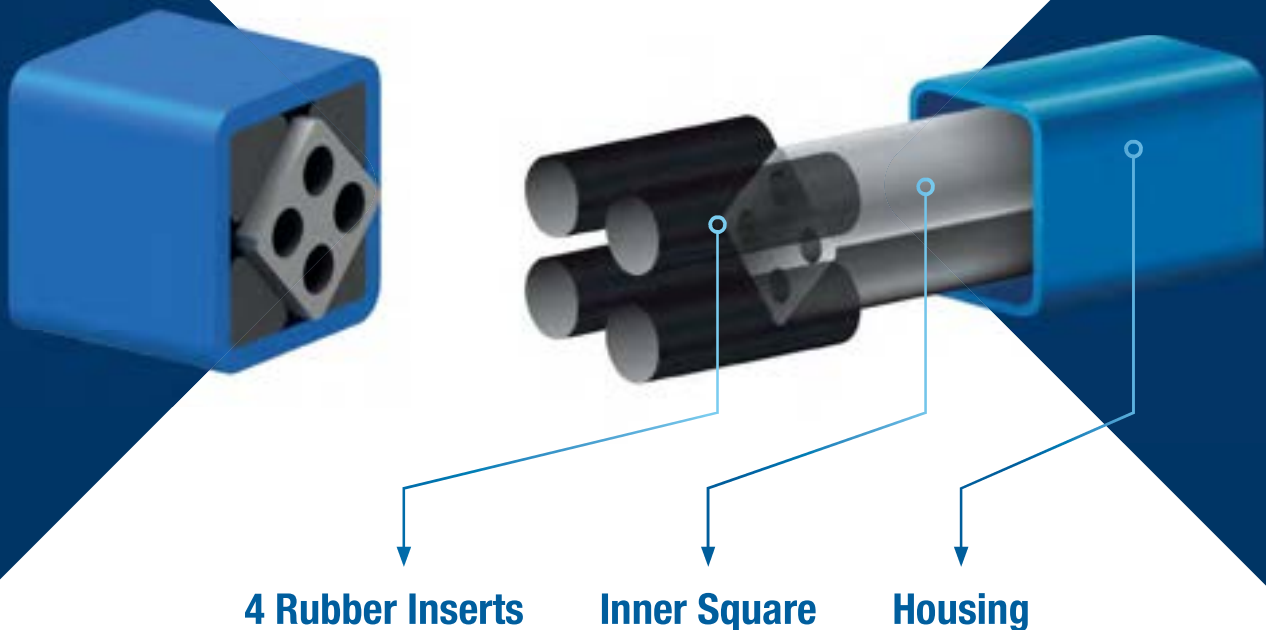
Solutions for Increased Productivity & Output



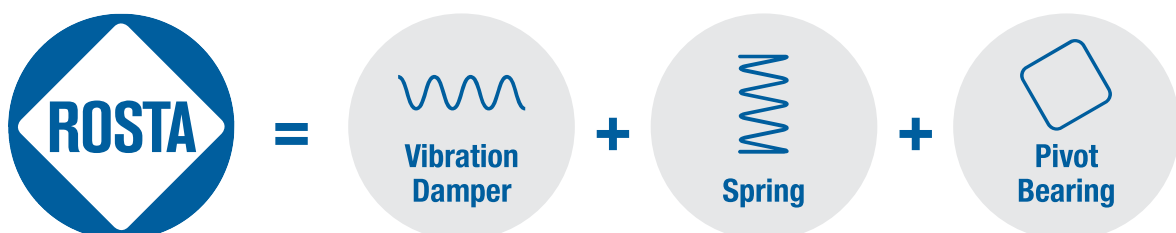
**THE CORE OF OUR EXCELLENCE**

# 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

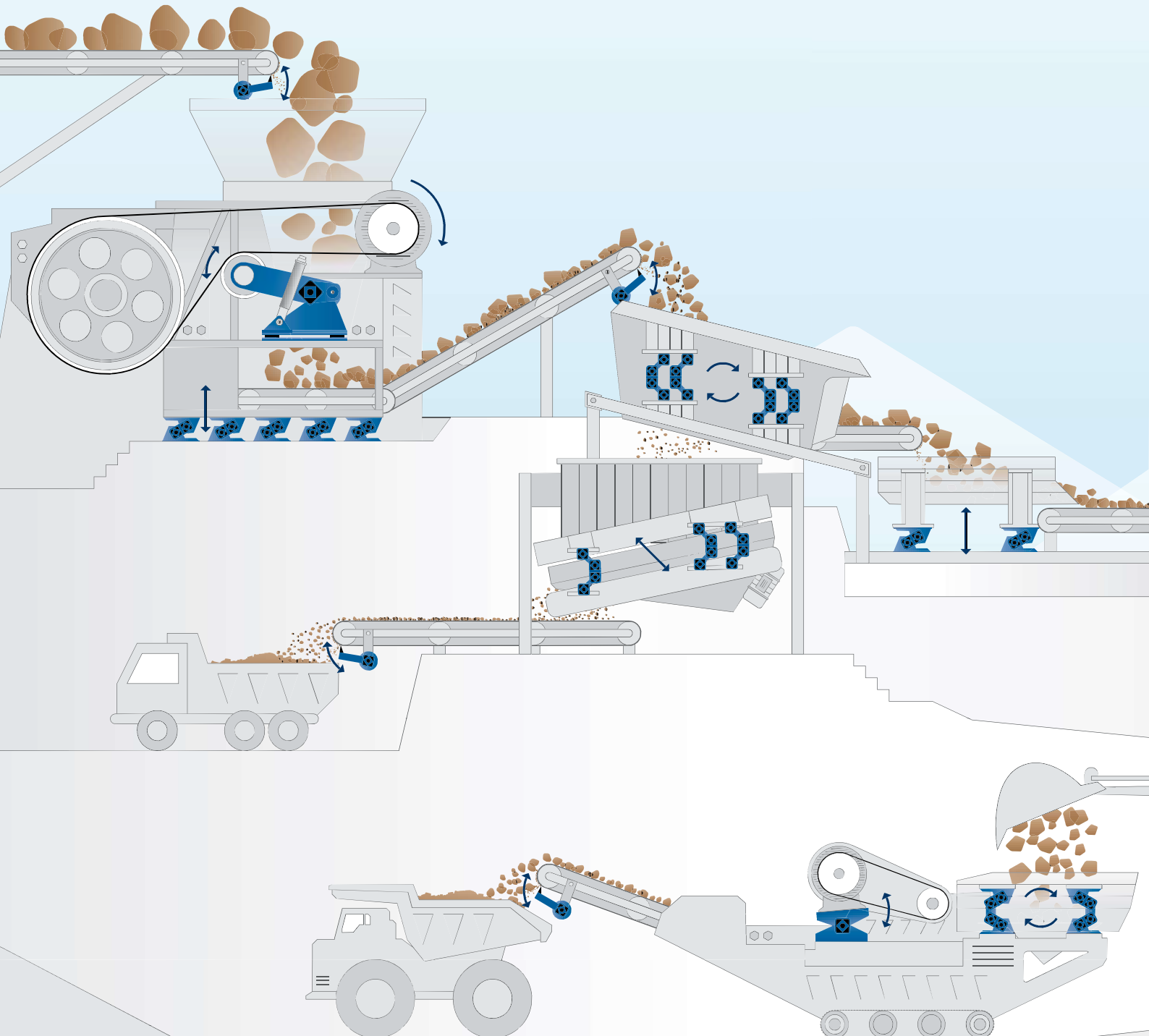
Swiss made 

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

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## CONVEYOR BELTS & IMPACT TABLES

### BELT SCRAPERS

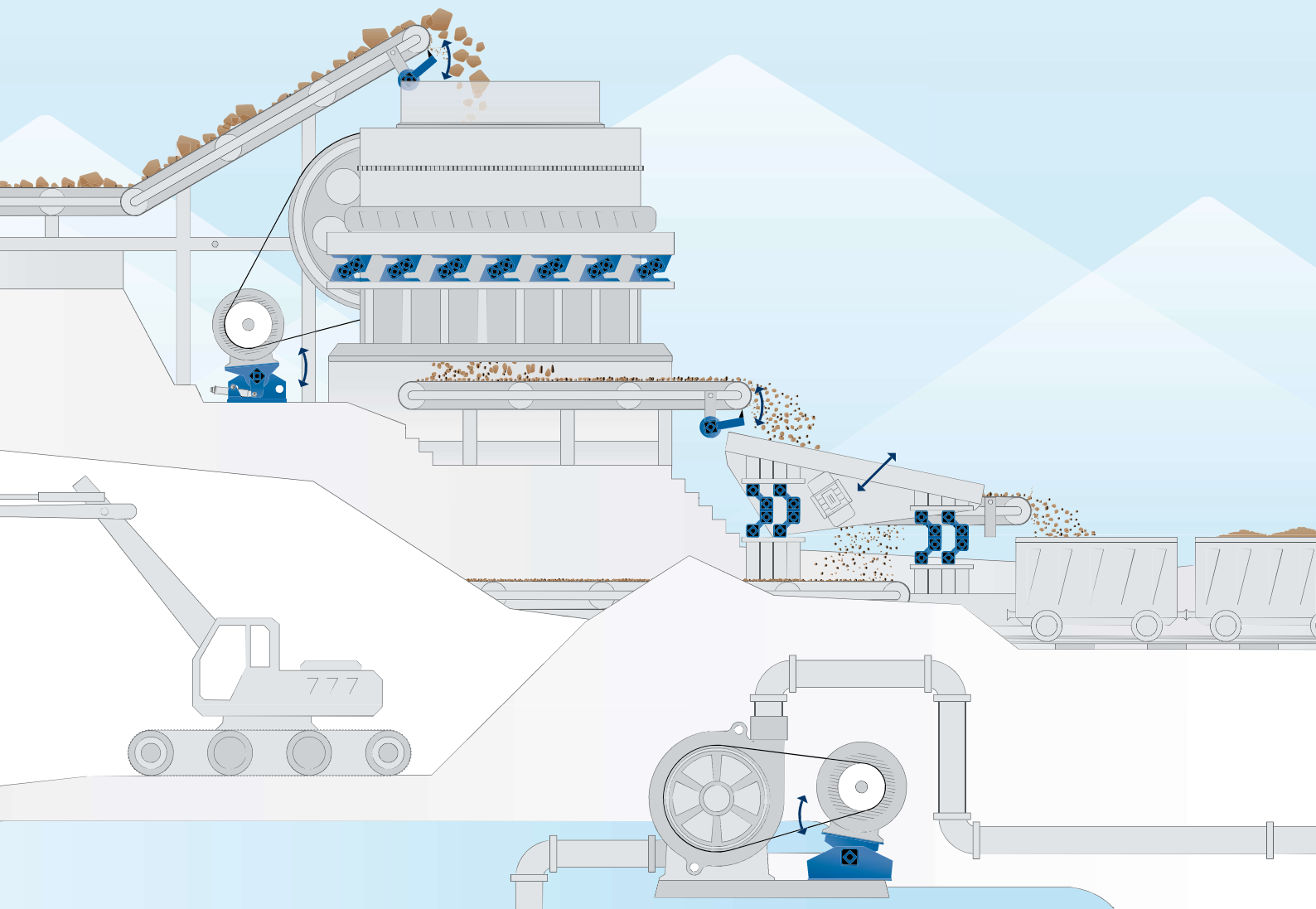
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## INSIDE VIBRATING SCREENS & FEEDERS – FIXED PLANT

# 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

## INSIDE VIBRATING SCREENS & FEEDERS – FIXED PLANT



### 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.



# INSIDE VIBRATING SCREENS & FEEDERS – FIXED PLANT



Hanging screens



## HS Series

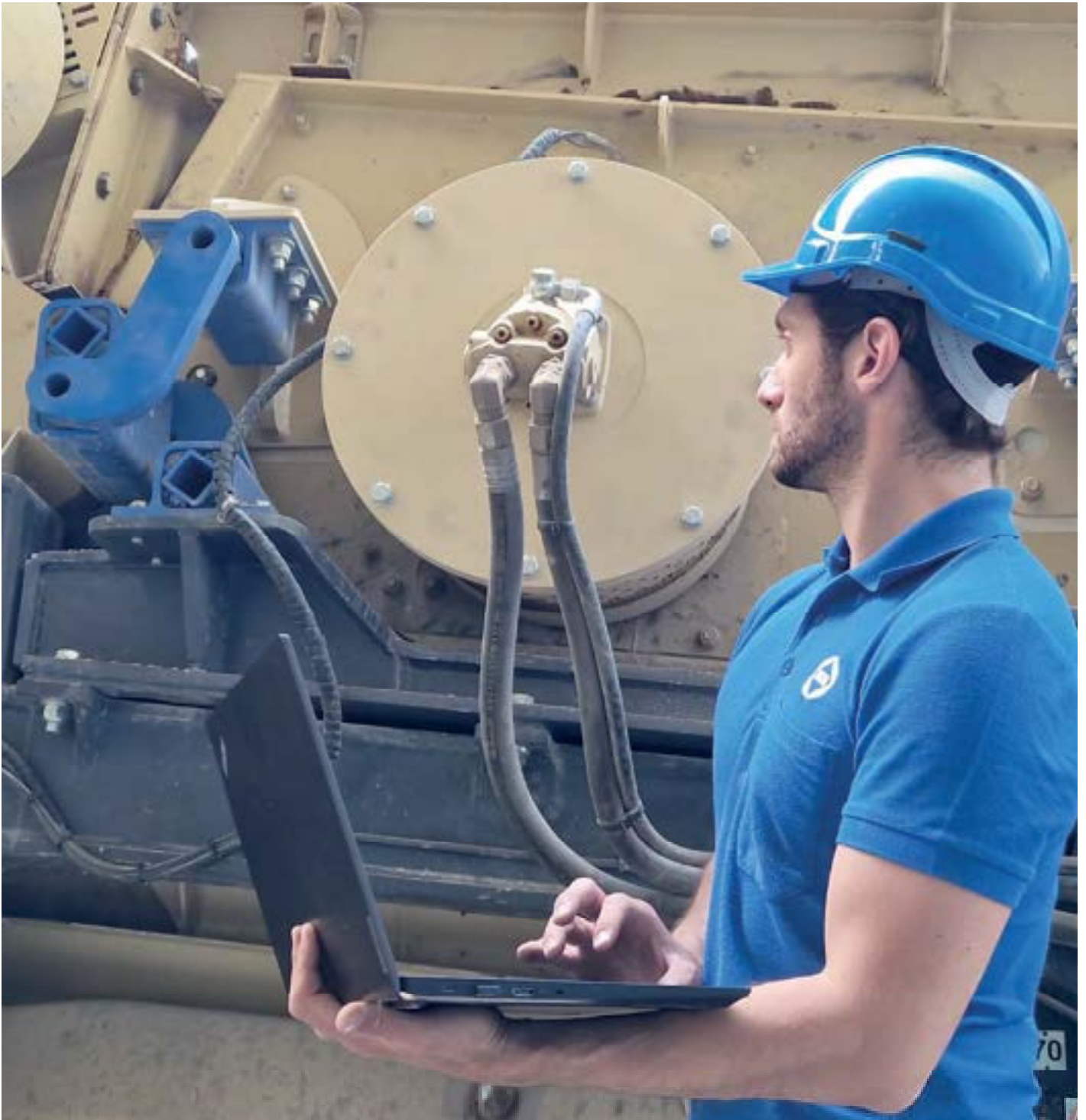
Stability of ROSTA HS mountings makes them the best choice for hanging applications, where safety and reliability are paramount.





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

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

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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 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

- **Automatic belt tensioning through the engagement of the ROSTA torsion spring**
- **Quick one person belt replacement reduces the maintenance downtime by approx. 50%**
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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



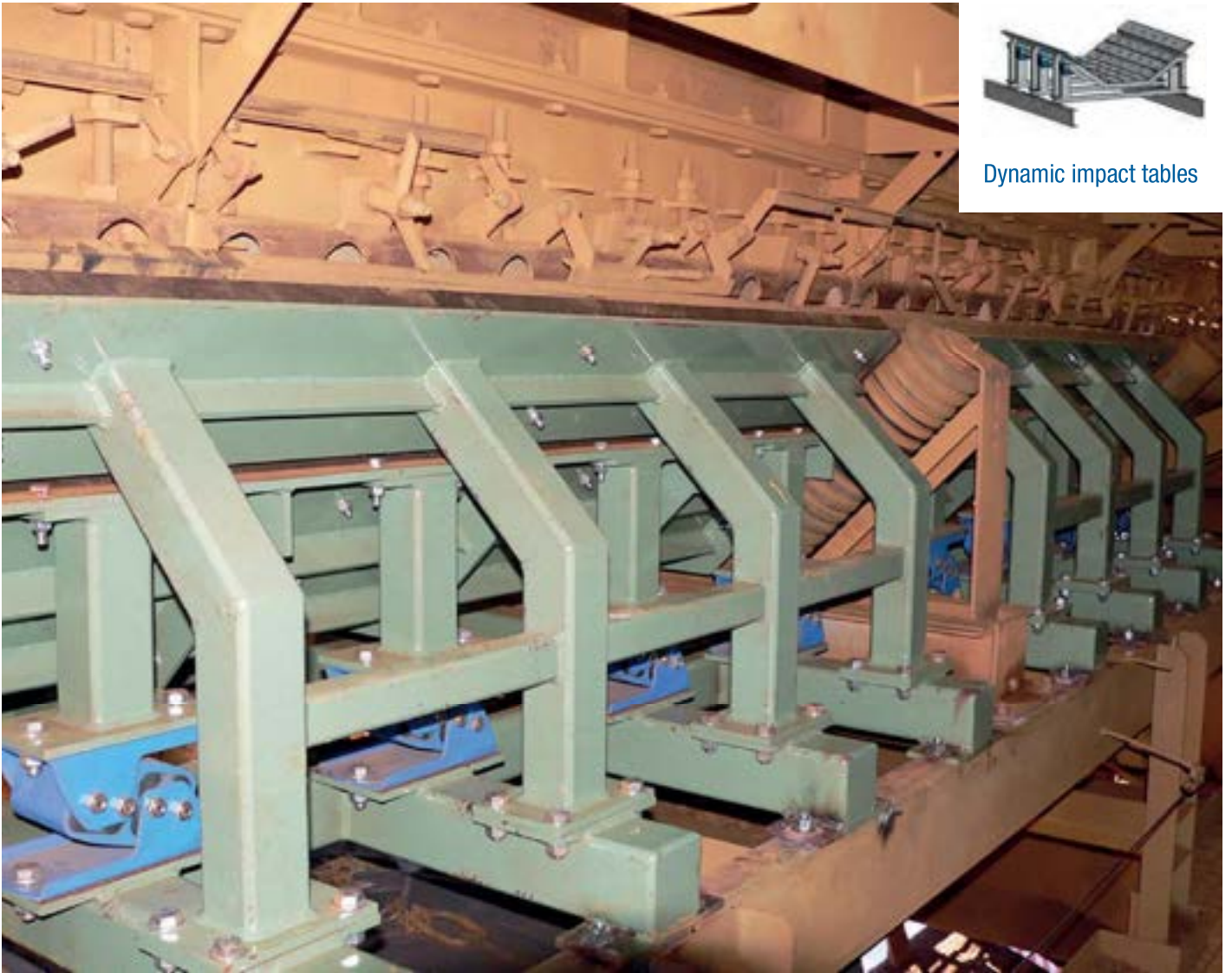
Quick and easy retrofitting



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

**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



Safety and stability



Long and reliable service life



Maximum level of vibration isolation



Increased throughput

## INSIDE VIBRATING MACHINES – MOBILE PLANT



### 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

**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**





### Motorbase MB 50

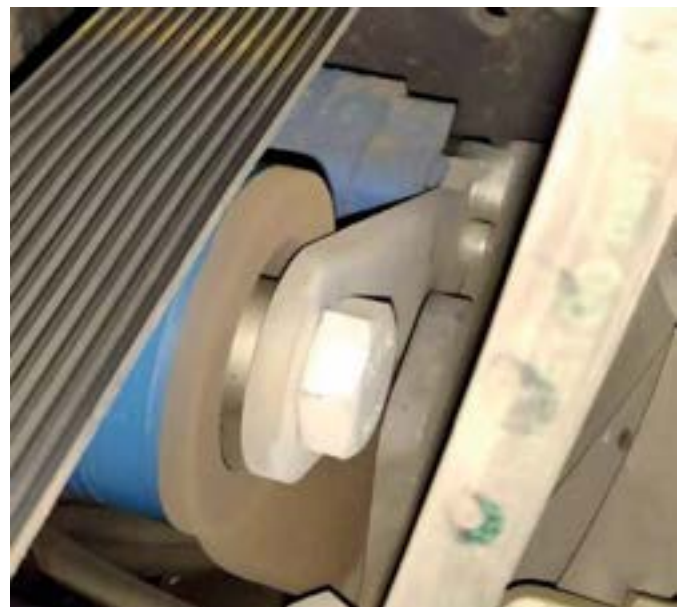
Motorbases protect all drive components through damping to ensure a long service life of the drive.





### 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

NEW



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



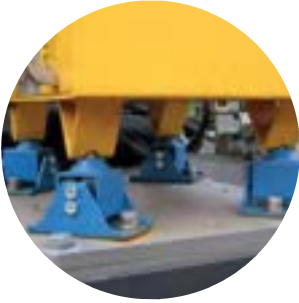
AB TWIN



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.

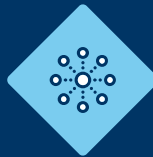
**IMPRESSIVE SALES VOLUME:** Our commitment to quality and reliability, across all our core markets, has resulted in an impressive annual sales volume of over 1.5 million units.

**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.

# Our Australian Locations

ABN 63 006 100 045

## NEW SOUTH WALES

### ALBURY

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au-albury@appliedau.com

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Bathurst, NSW 27 95  
P: (02) 6332 2443 | F: (02) 6332 2941  
au-bathurst@appliedau.com

### DUBBO

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Dubbo, NSW 2830  
P: (02) 6882 5799 | F: (02) 6884 1764  
au-dubbo@appliedau.com

### MINTO

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Minto, NSW 2566  
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au-minto@appliedau.com

### PENRITH

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P: (02) 4731 3268 | F: (02) 4731 3142  
au-penrith@appliedau.com

### SANDGATE

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Sandgate, NSW 2304  
P: (02) 4960 9222 | F: (02) 4960 9299  
au-newcastle@appliedau.com

### WETHERILL PARK

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Wetherill Park, NSW 2164  
P: (02) 9725 9200 | F: (02) 9725 9212  
au-wetherillpark@appliedau.com

## QUEENSLAND

### ARCHERFIELD

282 Beatty Road  
Archerfield, QLD 4108  
P: (07) 3853 1900 | F: (07) 3853 1977  
au-archerfield@appliedau.com

### CAIRNS

117 Lyons Street  
Cairns, QLD 4870  
P: (07) 4040 9000 | F: (07) 4040 9010  
au-cairns@appliedau.com

### GEEBUNG

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Geebung, QLD 4034  
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au-geebung@appliedau.com

### GLADSTONE

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P: (07) 4972 6255 | F: (07) 4972 2343  
au-gladstone@appliedau.com

### MACKAY

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Mackay, QLD 4740  
P: (07) 4952 4833 | F: (07) 4957 4861  
au-mackay@appliedau.com

### MT ISA

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Mt Isa, QLD 4825  
P: (07) 4743 1908 | F: (07) 4743 1918  
au-mtisa@appliedau.com

### TOOWOOMBA

343 Taylor Street  
Toowoomba, QLD 4350  
P: (07) 4634 9140 | F: (07) 4634 9408  
au-toowoomba@appliedau.com

### TOWNSVILLE

70 Pilkington Street  
Townsville, QLD 4810  
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## SOUTH AUSTRALIA

### WINGFIELD

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Wingfield, SA 5013  
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### HEAD OFFICE

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## NORTHERN TERRITORY

### BERRIMAH

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Berrimah, NT 0828  
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## WESTERN AUSTRALIA

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Albany, WA 6330  
P: (08) 9842 1000 | F: (08) 9842 1122  
au-albany@appliedau.com

### NORTHAM

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Northam, WA 6401  
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au-northam@appliedau.com

### WELSHPOOL

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Welshpool, WA 6106  
P: (08) 9470 7600 | F: (08) 9356 7574  
au-welshpool@appliedau.com

### WEST KALGOORLIE

19 Darcy Lane  
West Kalgoorlie, WA 6430  
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Auckland 2013  
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nz-auckland@appliednz.com

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Upper Riccarton, Christchurch  
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nz-christchurch@appliednz.com

### LOWER HUTT

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Wellington 5012  
P: (04) 569 3159  
nz-wellington@appliednz.com

### NEW PLYMOUTH

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### PALMERSTON NORTH

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### ROTORUA

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nz-rotorua@appliednz.com



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