

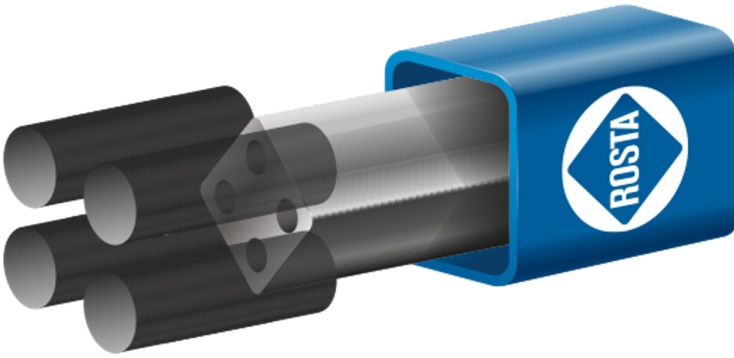


MINING & QUARRYING

Solutions for Increased
Productivity & Output



75 YEARS OF
EXPERIENCE,
SWISS EXCELLENCE
ENGINEERING,
RUBBER SPRING
SOLUTIONS.
OR SIMPLY,
THE BLUE ONES
FROM ROSTA.



ROSTA solutions are **simple, smart and durable**, providing increased **efficiency and productivity** to your company.

Our products offer you many advantages:
a lower total cost of ownership of your machinery, **custom engineering** services, **digital monitoring** services and **sensorics** for Industry 4.0 applications.

Combined with **best-in-class after-sales** service and a global reach, this ensures your added value.

At ROSTA, your success is our goal.

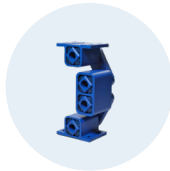
OUR PRODUCTS & SOLUTIONS

**CONVEYING,
TENSIONING,
GUIDING,
PRESSING,
SIFTING
& DAMPING**

Mining & Quarrying



ROSTA AV ®



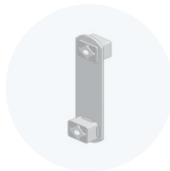
ROSTA AB ®



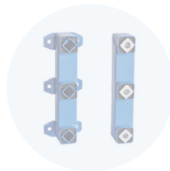
ROSTA DR ®



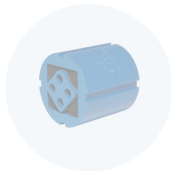
ROSTA SE ®



ROSTA AS/AD ®



ROSTA AD ®



ROSTA DK ®



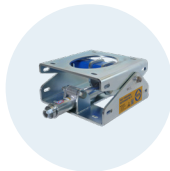
ROSTA ESL ®



ROSTA AK ®



ROSTA ST ®



ROSTA MB ®



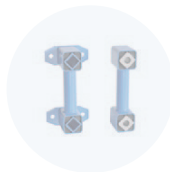
ROSTA HS ®



ROSTA AU ®



ROSTA V ®



ROSTA AC ®

BULK MATERIAL HANDLING SOLUTIONS VIBRATING & OSCILLATING EQUIPMENT

Conveying

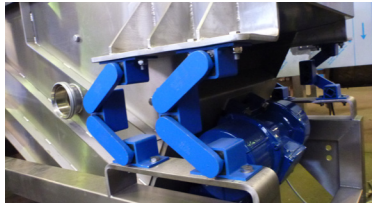


ROSTA AB ® and HS ®
Oscillating Mountings

A vibrating feeder is designed to utilise gravity plus vibration to reliably transfer material at a consistent and controllable rate to another piece of process equipment.

ROSTA Oscillating Mountings provide;

- Guided, high efficiency conveying
- Overload and shatterproof safety
- Predictably long service life



Mobile plant feeder suspension designed
with ROSTA AB ®



Modular plant feeder suspension designed
with ROSTA HS ®

Sifting



ROSTA AB ® and HS ®
Oscillating Mountings

Vibrating screens serve to classify different material particle sizes in a continuous process. Vibration excites the particles to move over, or pass through, the screening media, sorting (or “sifting”) the material.

ROSTA Oscillating Mountings are an efficient and safe choice for vibrating screen suspension, offering;

- Controlled, guided motion
- Damping during start/stop resonance phase
- Long service life



Fixed plant vibrating screen suspension
designed with ROSTA AB ®



Mobile plant vibrating screen suspension
designed with ROSTA HS ®

POWER TRANSMISSION SOLUTIONS DRIVE TENSIONING

Tensioning

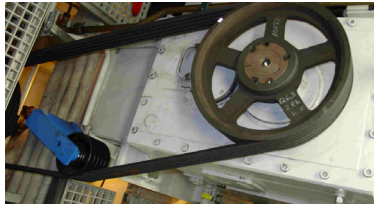


ROSTA SE ®
Tensioner Range

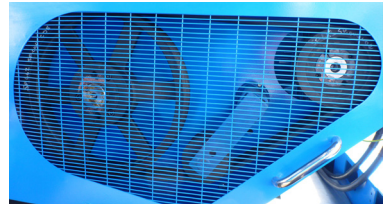
Mineral processing plants often feature many different types of belt driven equipment, from screens and feeders to pumps and blowers.

Belt drives require periodic maintenance to ensure optimum performance. Choosing a ROSTA Tensioner to automatically manage tension in a belt drive system means:

- **Minimised belt slip,**
- **Greater energy efficiency**
- **Reduced wear / longer service life**

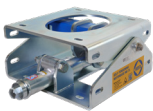


Conveyor gearbox drive designed with
ROSTA SE ®



Process pump drive designed with
ROSTA SE ®

Tensioning



ROSTA MB ®
Motorbase Range

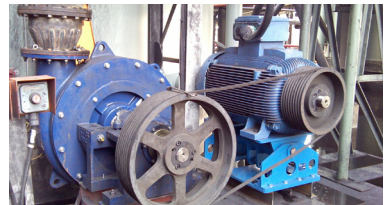
When motors and belt drives get larger, properly maintaining tension in a belt drive system can become a challenging maintenance task.

ROSTA Motorbases offer a proven solution with several key benefits;

- **Faster, safer belt changes**
- **No pulley re-alignment**
- **Automatic compensation for peak torque loads, changing centre distances, belt stretch and wear**
- **Overall maintenance reduction**



Fixed plant vibrating screen drive
designed with ROSTA MB ®



Slurry pump drive designed with
ROSTA MB ®

BULK MATERIAL HANDLING SOLUTIONS

BELT CLEANING & CONVEYOR TRANSFER POINTS

Pressing

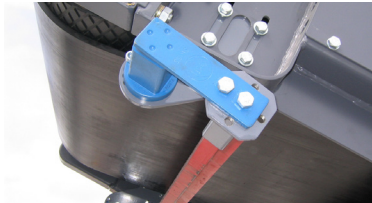


ROSTA SE ® Tensioner
and DR ® Rubber
Suspension Unit

Carry back on conveyor belts results in mess, undue maintenance and costly production losses.

The adjustable force provided by a ROSTA Element is a highly effective and simple way to flexibly mount and position a belt scraper system against the conveyor belt with just the right amount of pressure.

- Increased scraping efficiency
- Reduced maintenance



Belt scraper designed with ROSTA SE ®



Belt scraper designed with ROSTA DR ®

Damping



ROSTA ESL ® Damping
and Anti-Vibration
Mountings

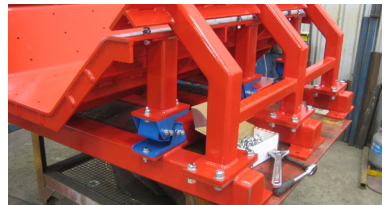
Transfer points can see materials continuously impacting conveyor belts with high forces, resulting in damage to the belt, idler rollers and support frames.

ROSTA Mounts provide a proven solution to absorb impact energies, acting as a damper and compression mounting in various dynamic impact systems.

- Contain machine-borne vibration
- Isolate vibration sensitive equipment
- Internal damping limits resonance effects



Conveyor impact table designed with
ROSTA ESL ®



Conveyor impact table designed with
ROSTA ESL ®

BULK MATERIAL HANDLING SOLUTIONS

VIBRATION ISOLATION

Damping

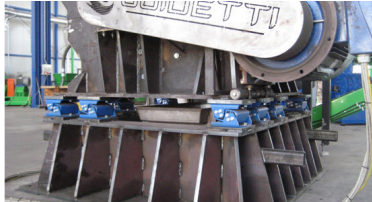
Excessive vibration can have a detrimental effect on machine and human health.

Limit the transmission of damaging vibrations and reduce noise with the high isolation efficiency inherent in the range of low natural frequency anti-vibration mountings from ROSTA.

- **Contain machine-borne vibration**
- **Isolate vibration sensitive equipment**
- **Internal damping limits resonance effects**



ROSTA ESL ® and V ®
Anti-Vibration Mountings



Vibration dampers on a recycling crusher
designed with ROSTA ESL ®



Electrical control cabinet designed with
ROSTA V ®



CERTIFICATIONS



R&D



TRUSTED BY



PARTNERS

NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



www.rosta.com

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