

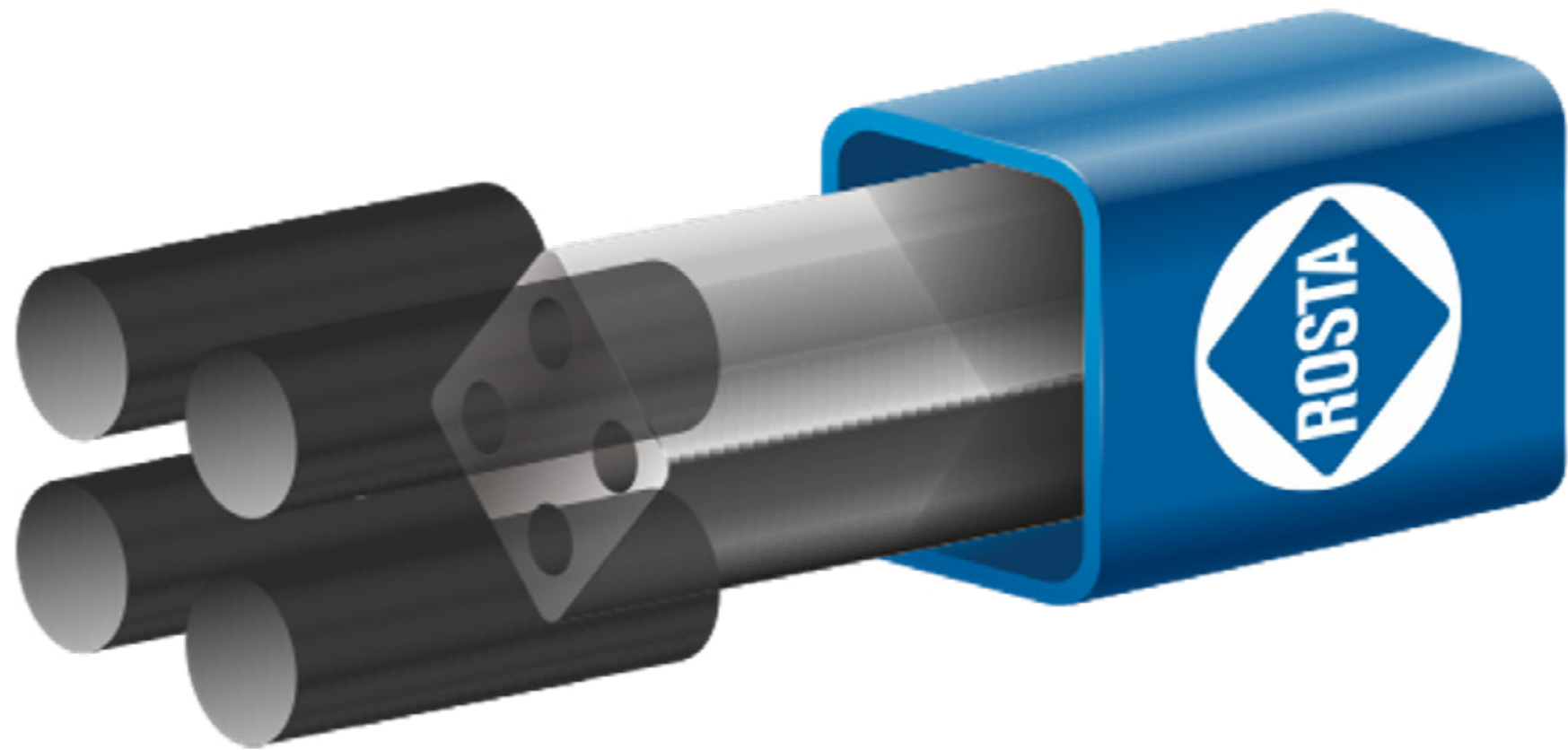


MINING & QUARRYING

Solutions for Increased
Productivity & Output



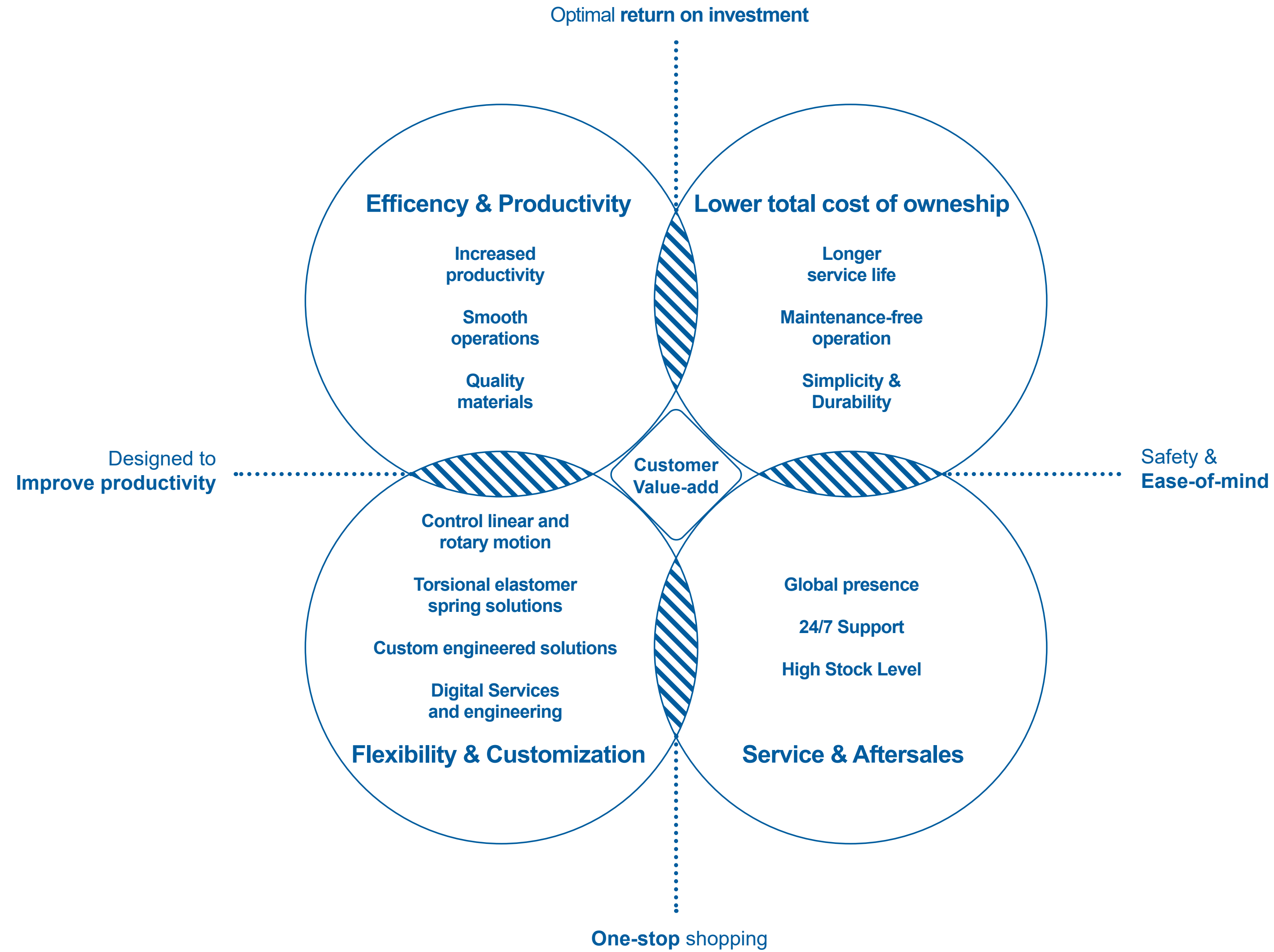
ROSTA
OUR GOAL



ROSTA solutions are **simple, smart and durable**, providing you with increased **efficiency and productivity**. 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.**



ROSTA COMPANY PROFILE



OUR PRODUCTS & SOLUTIONS

Conveying, Tensioning, Guiding, Pressing,
Sifting & Damping



BULK MATERIAL HANDLING SOLUTIONS

VIBRATING & OSCILLATING EQUIPMENT

Conveying

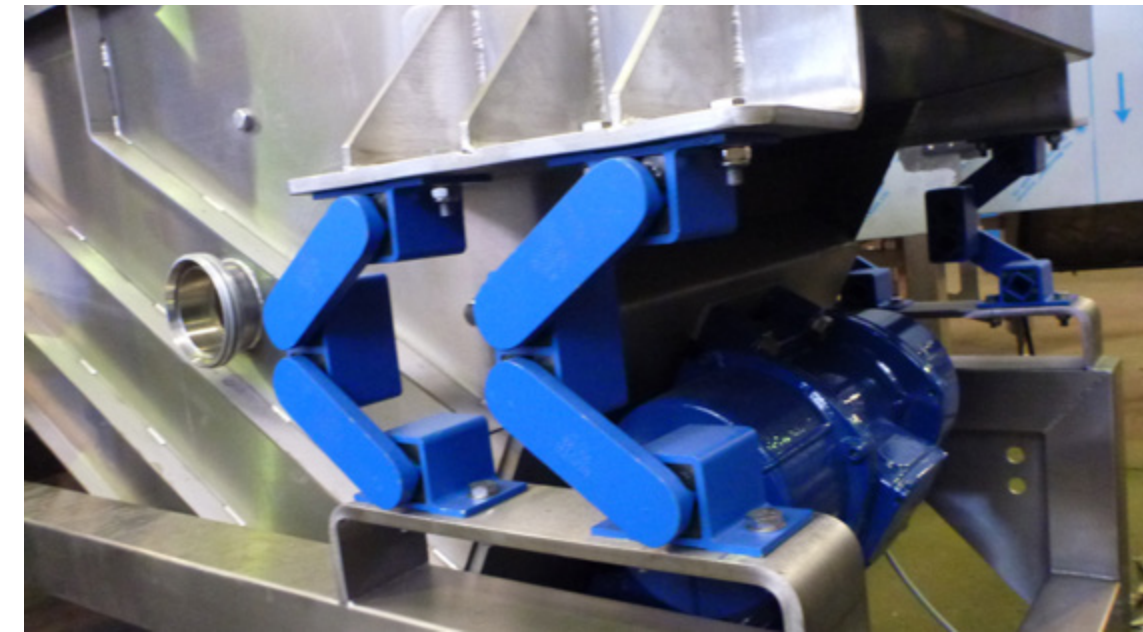
A vibrating feeder is designed to utilise gravity plus vibration to reliably transfer material at a consistent and controllable rate to another piece of process equipment.

ROSTA Oscillating Mountings provide;

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



ROSTA AB ® and HS ® Type Oscillating Mountings



Mobile plant feeder suspension designed with ROSTA AB ®



Modular plant feeder suspension designed with ROSTA HS ®

Linear Motion (Sifting)

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



ROSTA AB ® and HS ® Type Oscillating Mountings



Fixed plant vibrating screen suspension designed with ROSTA AB ®



Mobile plant vibrating screen suspension designed with ROSTA HS ®

POWER TRANSMISSION SOLUTIONS

DRIVE TENSIONING

Tensioning

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:

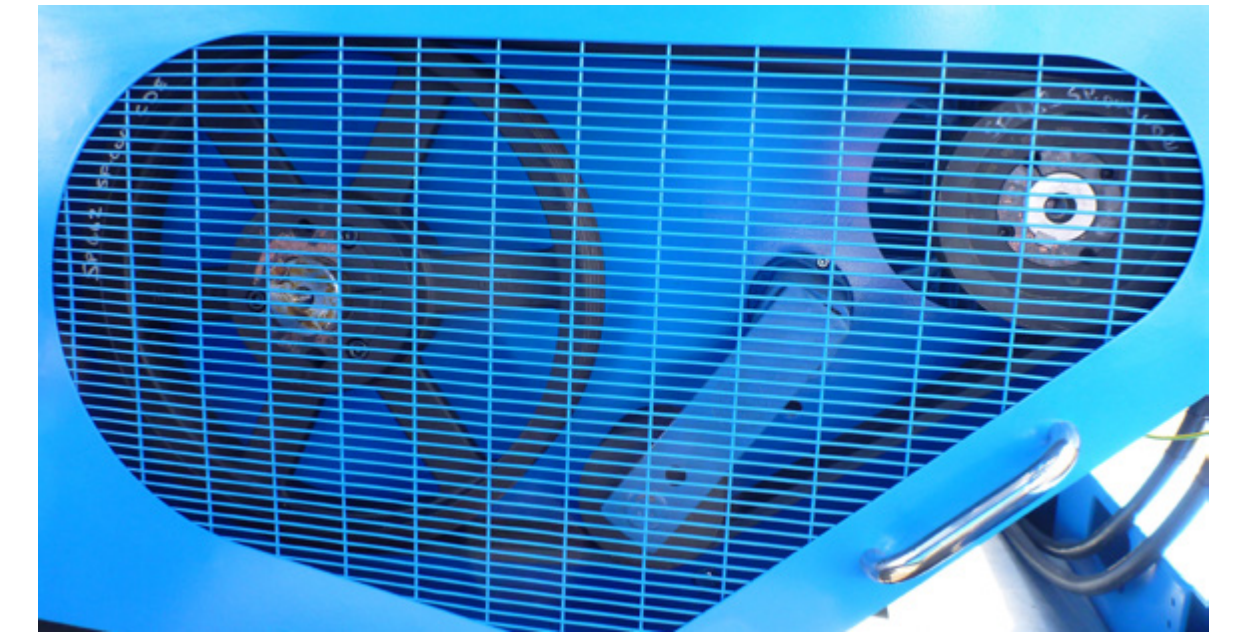
- **Minimised belt slip,**
- **Greater energy efficiency**
- **Reduced wear / longer service life**



ROSTA SE ® Type
Tensioner Range



Conveyor gearbox drive designed with
ROSTA SE ®



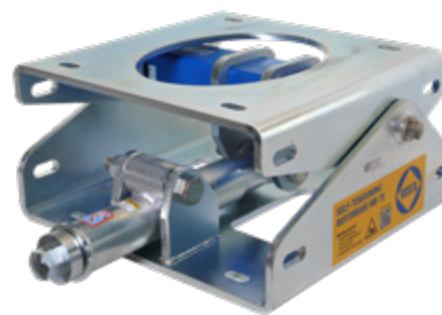
Process pump drive designed with
ROSTA SE ®

Tensioning

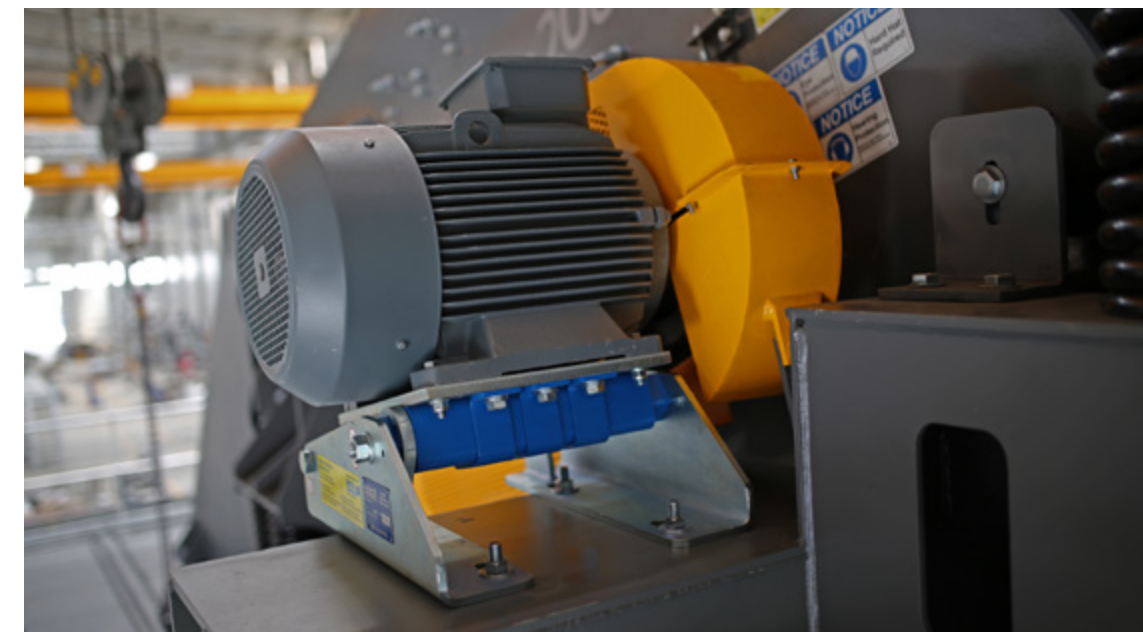
When motors and belt drives get larger, properly maintaining tension in a belt drive system can become a challenging maintenance task.

ROSTA Motorbases offer a proven solution with several key benefits;

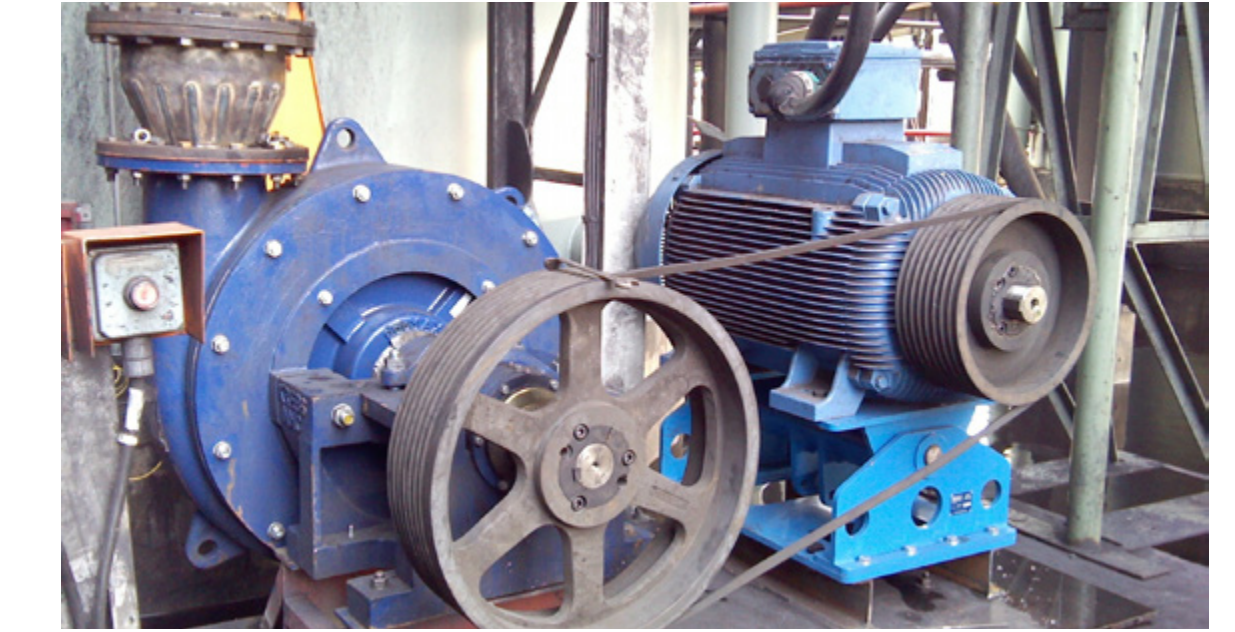
- **Faster, safer belt changes**
- **No pulley re-alignment**
- **Automatic compensation for peak torque loads, changing centre distances, belt stretch and wear**
- **Overall maintenance reduction**



ROSTA MB ® Motorbase Range



Fixed plant vibrating screen drive designed with
ROSTA MB ®



Slurry pump drive designed with
ROSTA MB ® range

BULK MATERIAL HANDLING SOLUTIONS

BELT CLEANING & CONVEYOR TRANSFER POINTS

Pressing

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



ROSTA SE ® Tensioner and
DR ® Rubber Suspension Unit



Belt scraper designed with ROSTA SE ®



Belt scraper designed with ROSTA DR ®

Damping

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.

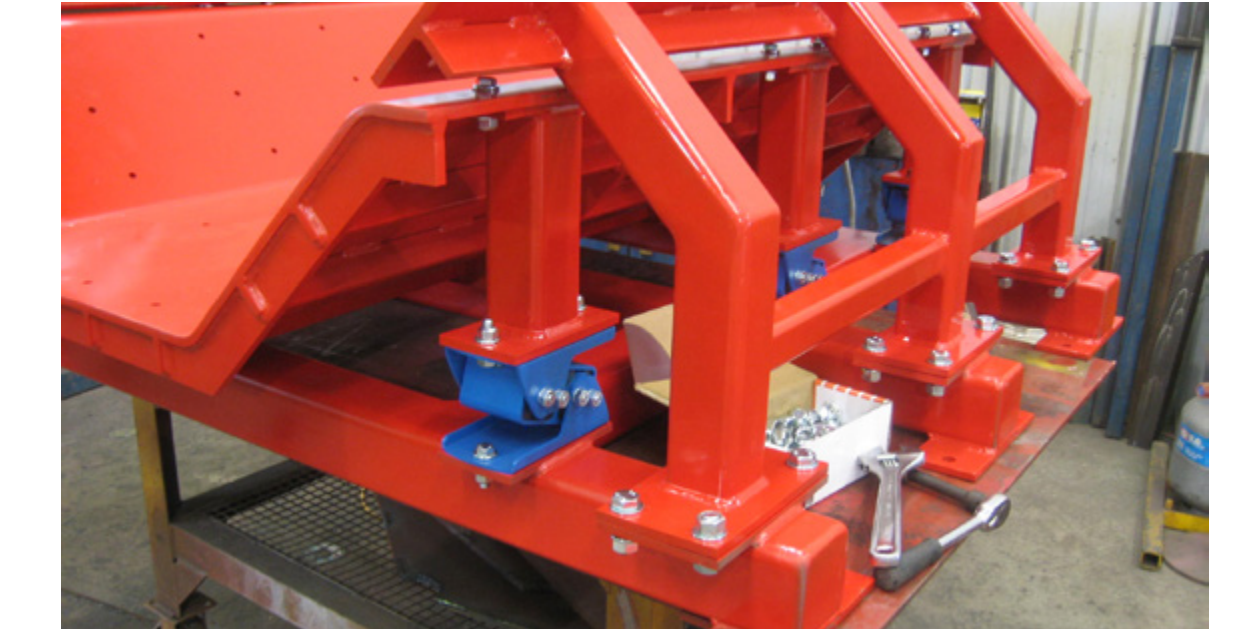
- Contain machine-borne vibration
- Isolate vibration sensitive equipment
- Internal damping limits resonance effects



ROSTA ESL ® Type
Damping and Anti-Vibration Mountings



Conveyor impact table designed with
ROSTA ESL ®



Conveyor impact table designed with
ROSTA ESL ®

BULK MATERIAL HANDLING SOLUTIONS

VIBRATION ISOLATION

Damping

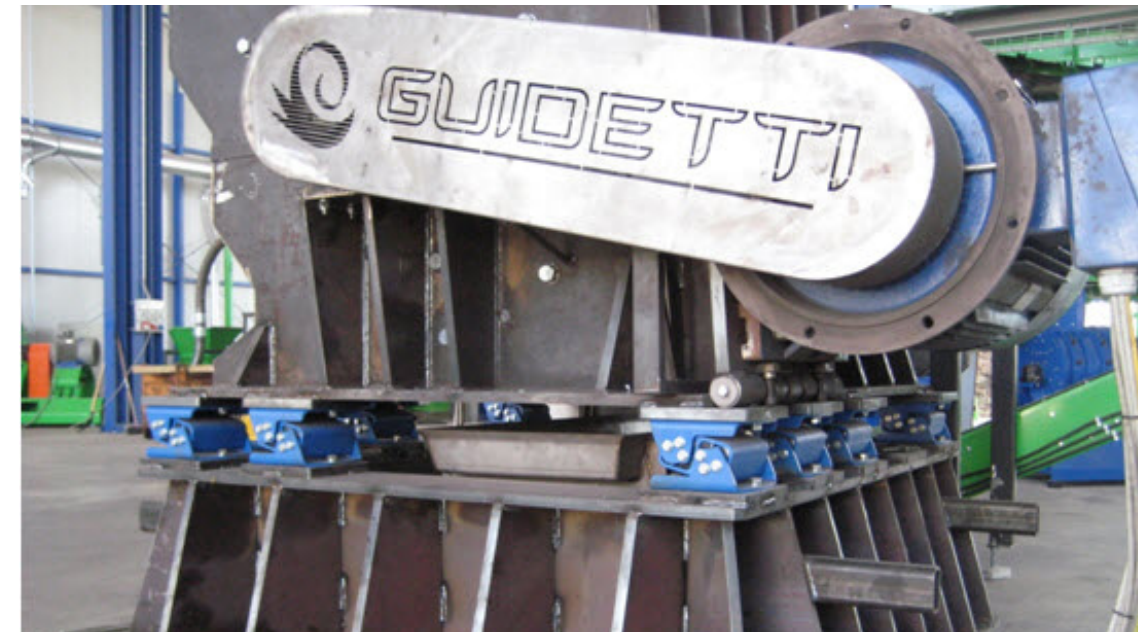
Excessive vibration can have a detrimental effect on machine and human health.

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 ® Types
Anti-Vibration Mountings



Vibration dampers on a recycling crusher designed with ROSTA ESL ®



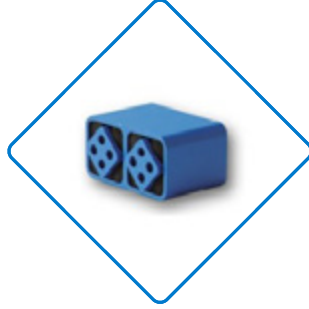



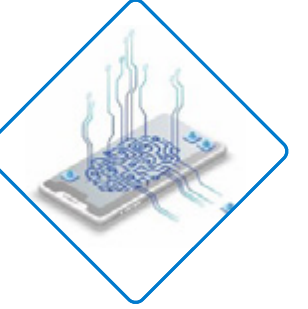
Electrical control cabinet designed with ROSTA V ®

OVERVIEW

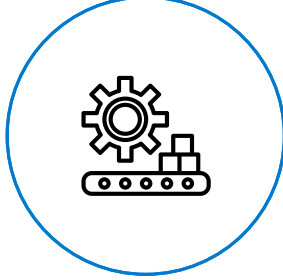
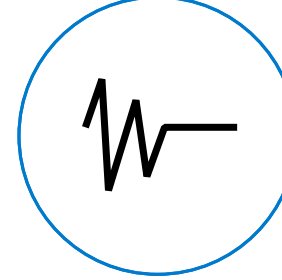
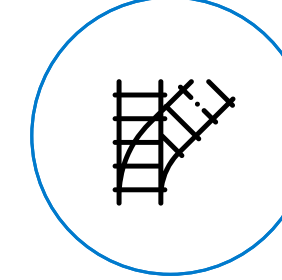
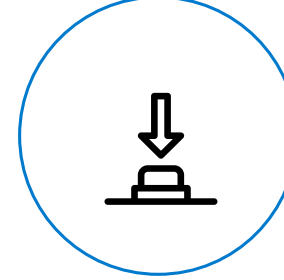

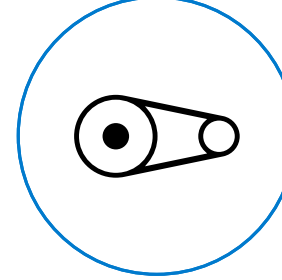
OUR PRODUCTS, SERVICES & PARTNERS



PRODUCT LINES

				
Rubber Suspension Units	Oscillating Mountings	Tensioner Devices	Motorbases	Digital Industry 4.0

APPLICATIONS

					
Conveying	Damping	Guiding	Pressing	Sifting	Tensioning

INDUSTRIES

						
Machinery Parts	Transports	Food	Goods	Mining	Industry	Others

TRUSTED BY



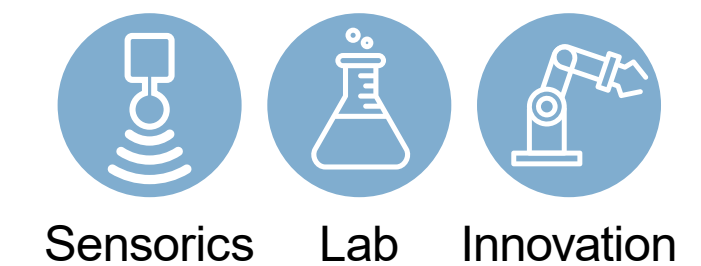
PARTNERS



CERTIFICATIONS



R&D



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