

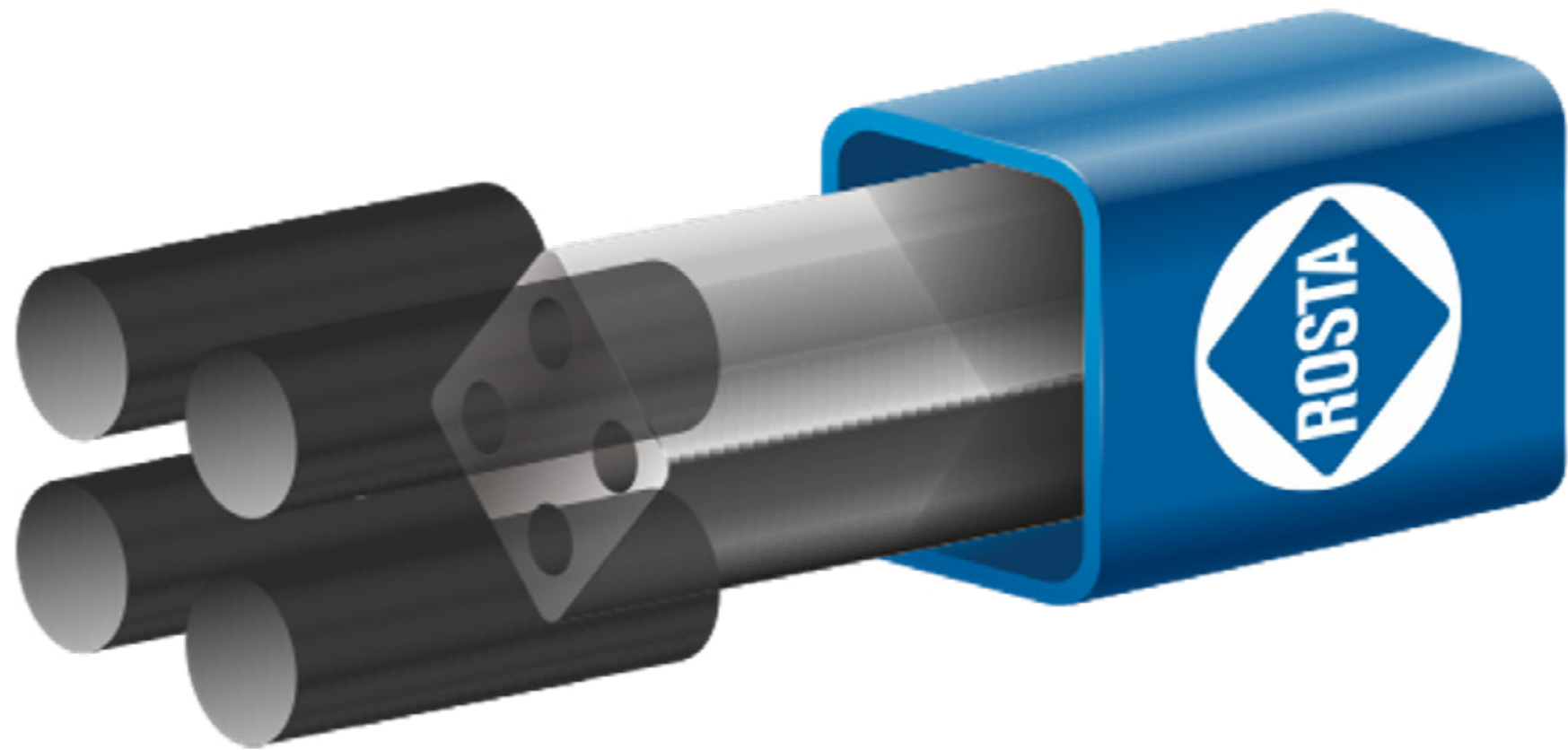


FORESTRY

Solutions for Increased
Productivity & Output



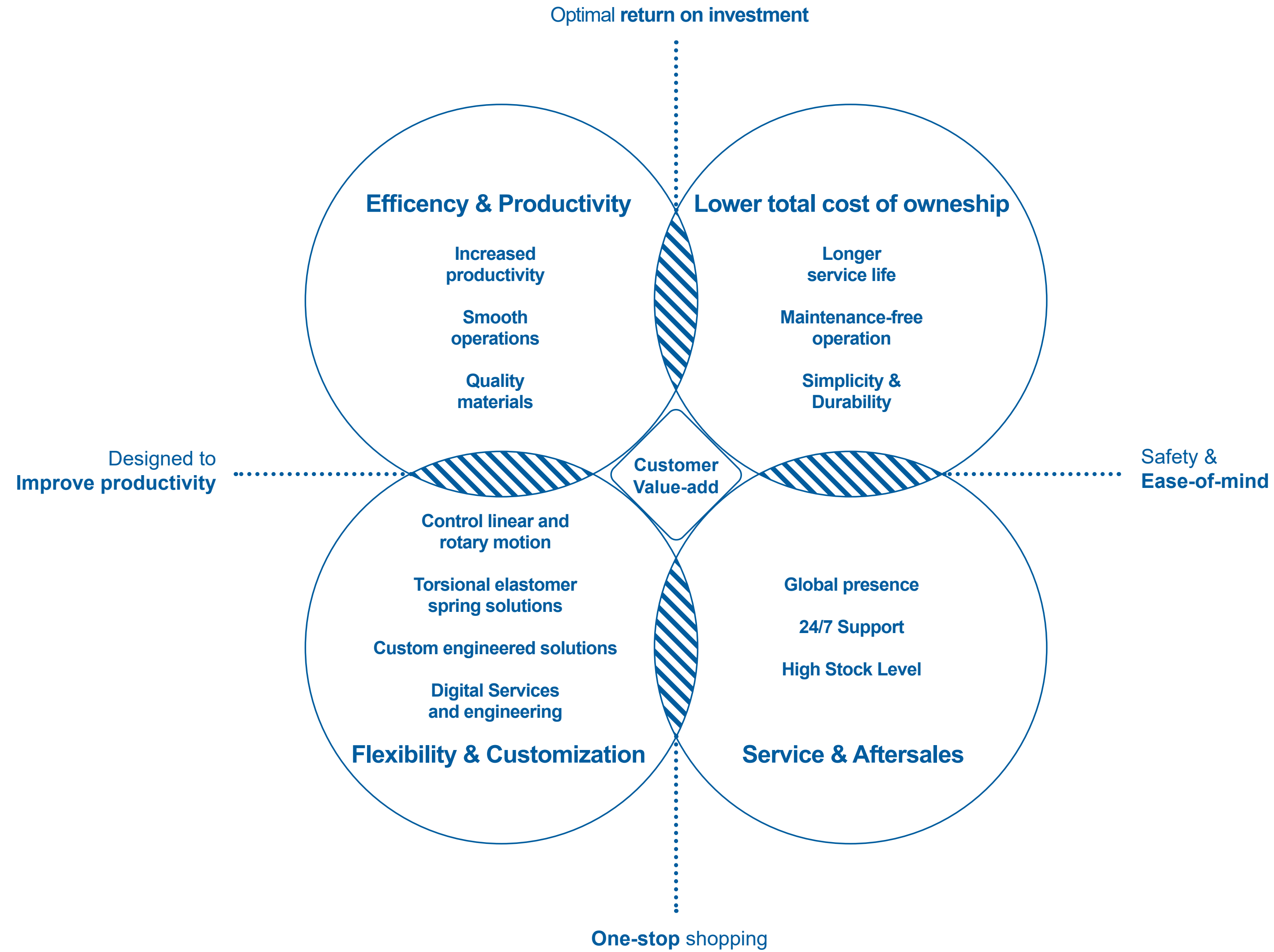
ROSTA
OUR GOAL



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



LUMBER PROCESSING

VIBRATING & OSCILLATING EQUIPMENT

Conveying

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

ROSTA Oscillating Mountings provide a controlled suspension system with a predictably long service life.

- Long lasting
- Overload proof
- Maintenance free



ROSTA AB - ABI ® Types
Oscillating Mountings



Wood feeder screen designed with
ROSTA AB ®



Vibrating screen designed with ROSTA AB ®

Conveying

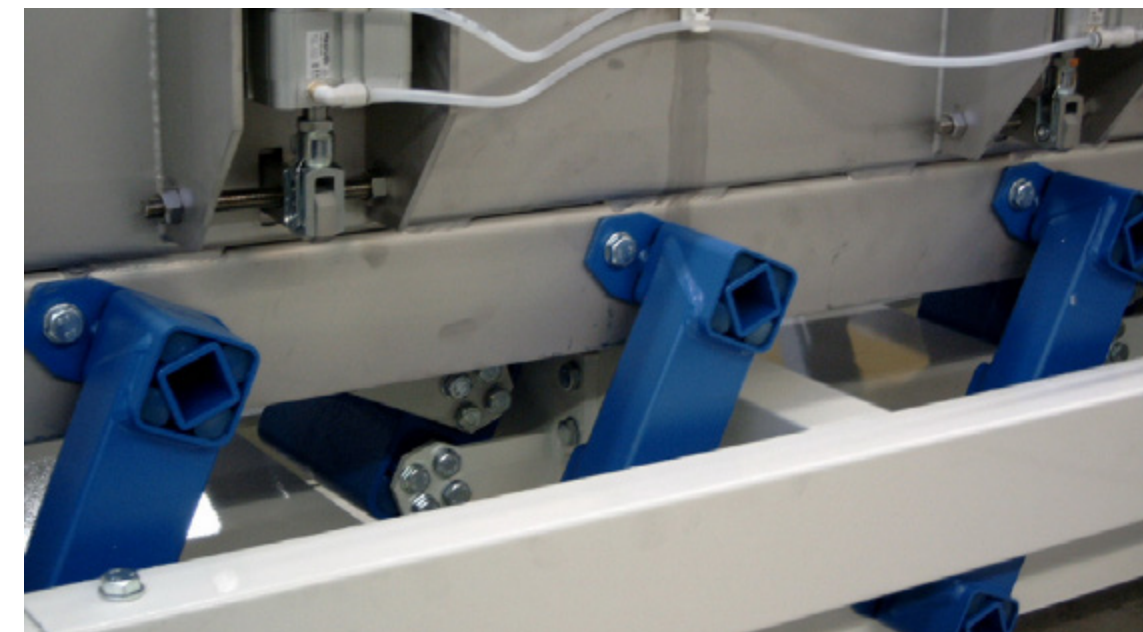
Oscillating shaker conveyors with crank shaft drive are widely used for the transportation and selection of wood.

For the two mass shaker conveyors, Rosta offers the Double Suspension Units that ensure a precise and fast transportation of materials.

- High damping capacity
- Easy and fast installation
- Long stroke



ROSTA AD-C ® Type
Double Suspension Units



Sawdust shaker conveyor designed with
ROSTA AD-C ®



Wood chip conveyor designed with
ROSTA AD-C ®

LUMBER PROCESSING VIBRATING & OSCILLATING EQUIPMENT

Conveying

The “brute-force” shaker conveyor system is widely used in the processing industries due to its constructive simplicity and cost efficient design method.

Rosta AU ® Type are the perfect fit for these machines. Rosta's elements are easy to mount and offers improved performances and damping.

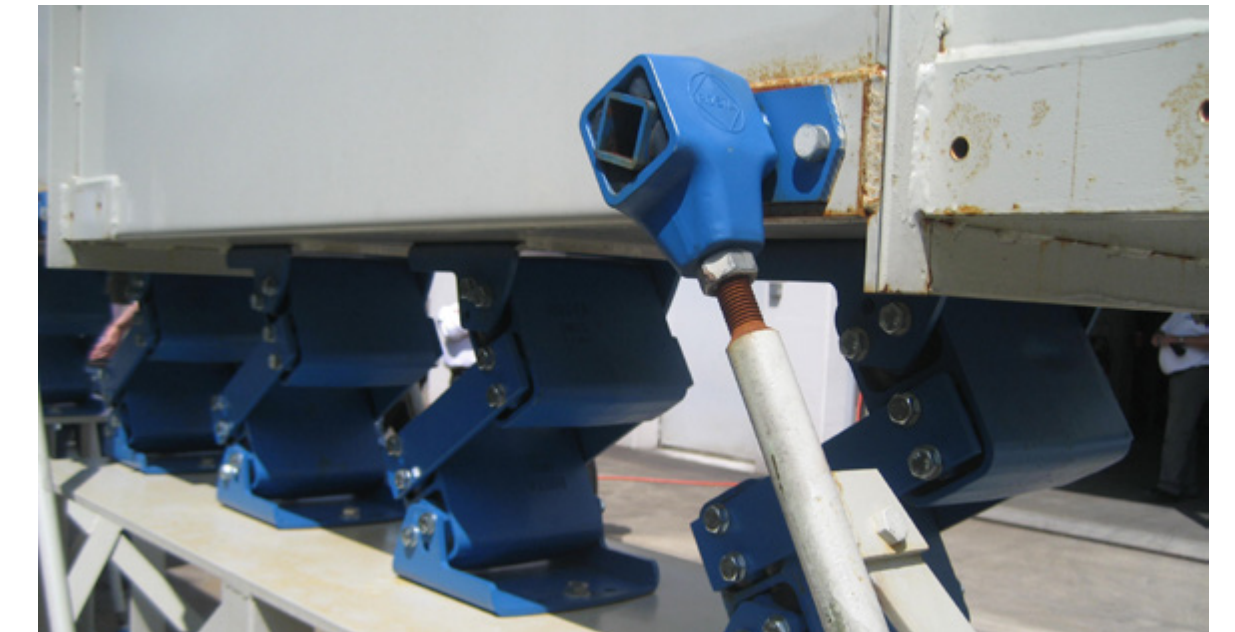
- High damping capacity
- Easy and fast installation
- Long stroke



ROSTA AU ® Type
Oscillating Mountings



Shaker for wood waste designed with
ROSTA AU ®



Single mass shaker with accumulators
ROSTA SE ®

Conveying

The drive heads are a crucial connection point between transmission and conveyor.

The ST ® Type guarantee an elastic shockproof-connection, able to absorb and adapt to any unexpected transmission behavior. Durability and simplicity of implementations are two of the keypoints for these products.

- High damping capacity
- Easy and fast installation
- Long stroke



ROSTA ST ® Type
Oscillating Drive Head



Drive heads on chip conveyor designed with
ROSTA ST ®



Drive head on a Conveyor designed with
ROSTA ST ®

LUMBER PROCESSING SIFTING EQUIPMENT

Sifting

Upright staying gyratory sifter machines frequently have this classical type of crank drive.

These screens are mainly used in the flour processing sector plants. An eccentric shaft driven by belts transfers the circular movement to the screen box.

- Long lasting
- Noise less
- Up to 40kN per support



ROSTA AK ® type
Universal Joint



Wood chip Plansifter designed with
ROSTA SE ®



Wood chip Plansifter designed with
ROSTA SE ®

WOOD PROCESSING MACHINERY

TENSIONING EQUIPMENT

Tensioning

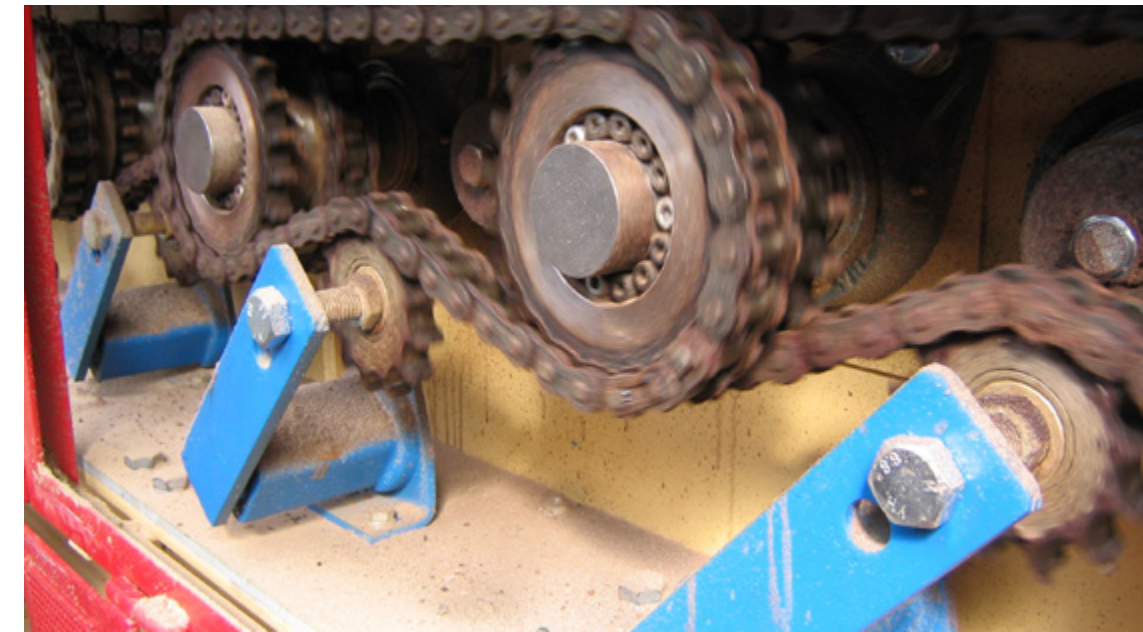
The maintenance-free tensioner device is designed to optimise the smooth operation and service life of the drivetrain.

It is especially essential to maintain a constant force transmission in the belt drives. This is guaranteed with the SE tensioner devices from ROSTA

- Constant force transmission
- Automatic re-tensioning
- Compensates for belt elongation



ROSTA SE ® Type
Tensioner Range



Chain drive of wood chipper designed with ROSTA SE ®



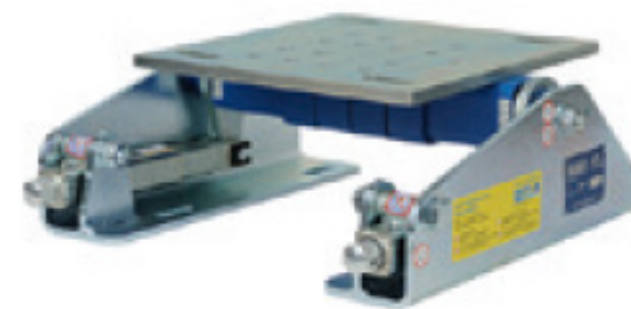
Belt drive designed with ROSTA SE ®

Tensioning

The ROSTA motor base, MB, is particularly suitable for large belt drives. The motor base is specially designed to reduce maintenance work to a minimum.

The overall downtime is reduced at the same time. This is a plus in terms of productivity and means significantly lower costs and less time and effort.

- Reduce downtime
- Constant belt tensioning
- Easy belt maintenance



ROSTA MB ® Motorbases Range



Motor base on a Crusher designed with ROSTA MB ®



shaker conveyor designed with ROSTA MB ®

WOOD PROCESSING MACHINERY

RUBBER SUSPENSIONS

Damping

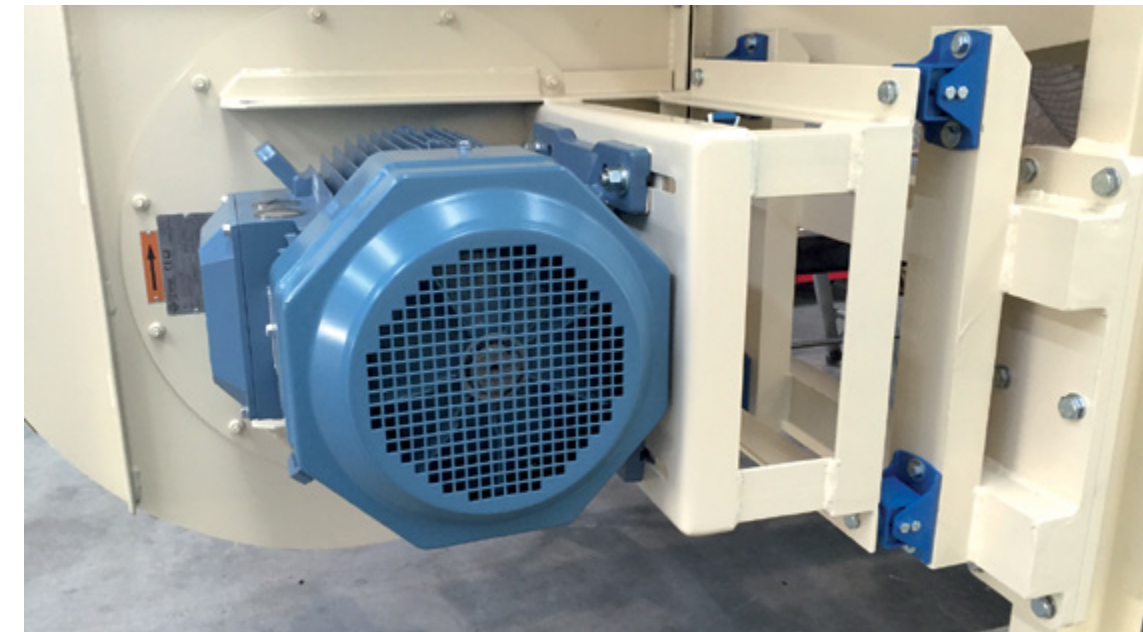
Excessive vibration can have a detrimental effect on machine and human health.

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.

- Fail safe
- Low natural frequency
- Maintenance free



ROSTA ESL ® and V ® Types
Anti-Vibration Mountings



Fan vibration dampening designed with
ROSTA SE ®



Impact table for trunks designed with
ROSTA ESL ®

Pressing

ROSTA elements are ideal on production equipment where materials need to be held down or guided with precision.

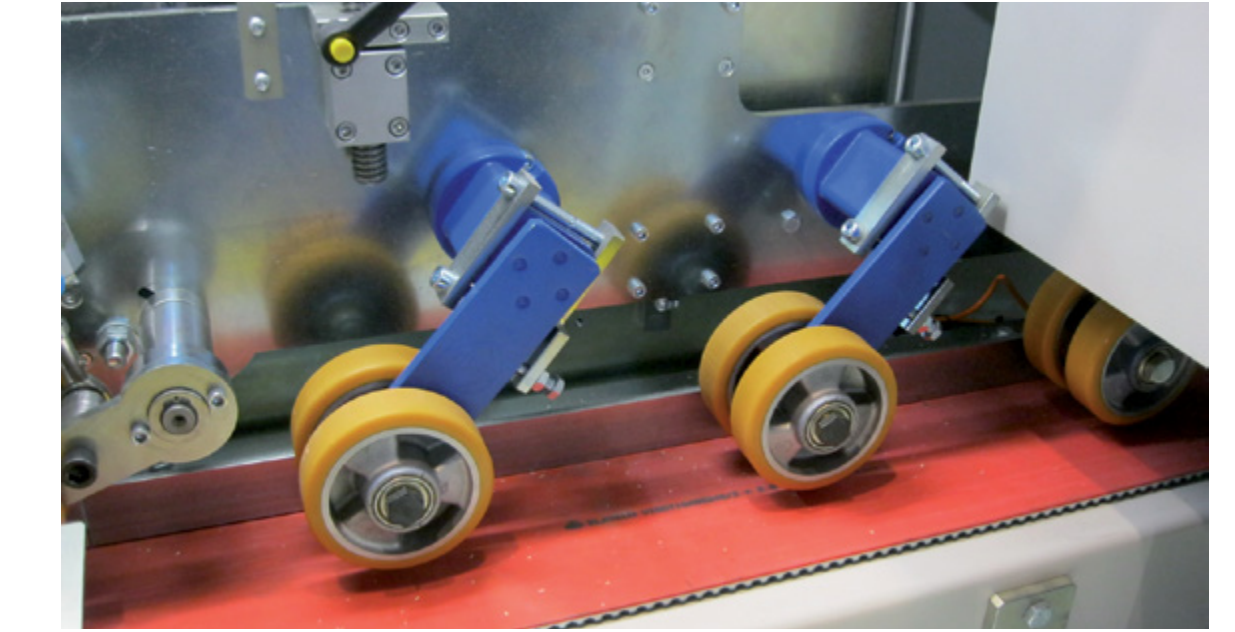
- Constant pressure
- Easy to install
- Maintenance free



ROSTA SE ® Type
Tensioner Range



Down holder designed with
ROSTA SE ®



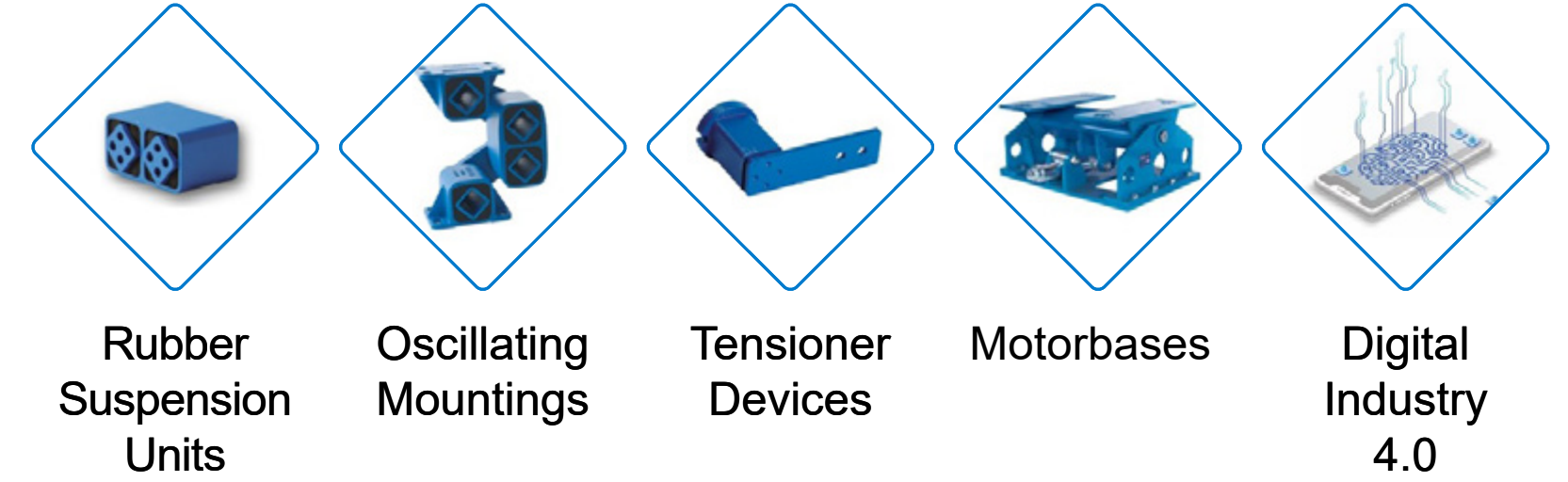
Down holder designed with
ROSTA SE ®

OVERVIEW

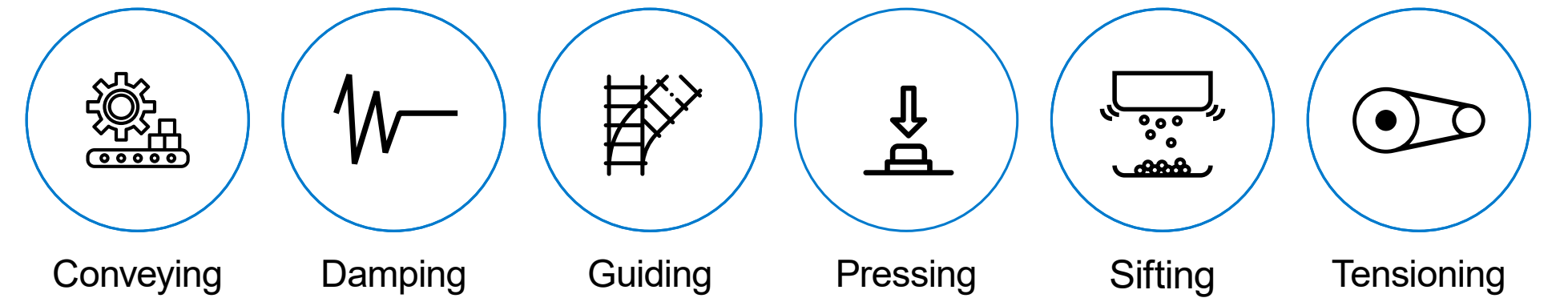
OUR PRODUCTS, SERVICES & PARTNERS



PRODUCT LINES



APPLICATIONS



INDUSTRIES



TRUSTED BY



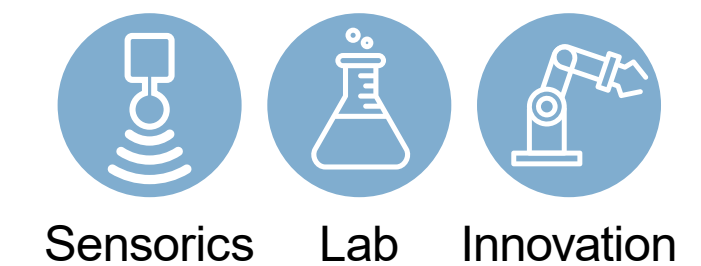
PARTNERS



CERTIFICATIONS



R&D



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