



# **ROSTA components Leading the way in environ- mental technology!**





## We are focusing on the future!



Dealing seriously with the new technologies of energy supply, recycling and environmental technology is the challenge of our times. The dwindling fossil fuels are being replaced with solar and wind energy, older housing stock is being recycled to provide new construction material and the stressed environment should no longer be fully exposed to the impact of our unbridled consumption habits. Continuous implementations in the form of the realization of projects to gain alternative energy are thereby a sign of our more moderate time.

We at ROSTA AG have made it our task to make an active contribution to the implementation of these ideas through our machine components. With our know-how of more than 60 years, we can approach this development in a fully motivated manner, and make it our goal to provide the corresponding solutions in the areas of suspensions, springs, vibration and damping – a comprehensive service that starts with the customer-specific development, is realised through the manufacture of the components and ends with the reprocessing of used parts. We have committed ourselves to recycling and to the «Green Technology» label, and corresponding implementations have been integrated into the goals of our corporate mission.





Behind every name there is a person, a face, a personality!  
f.l.t.r.: **Ciro Graziano, Urs Weisskopf, Peter Schmid, Beatrix Meier, Markus Welti, Armin Urech, Hans Huber, Marc Mollenkopf, Iris Bolliger, Bruno Luchsinger, Alexandra Sembinelli, Marco Pelagatti, François Fabregas, Sylvia Gämperle**



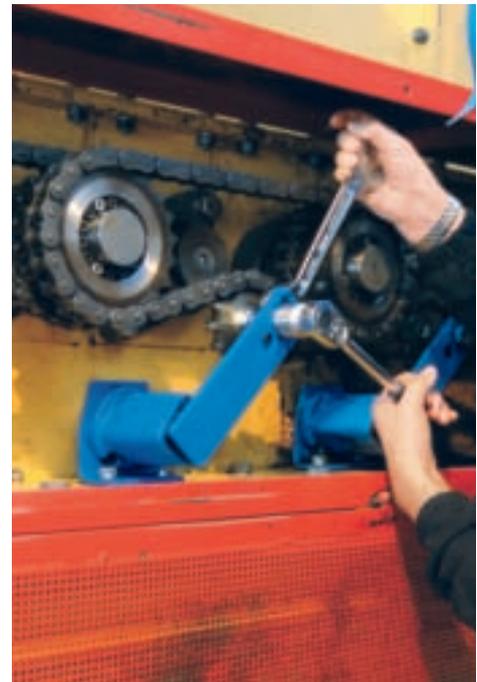
## The Blue Ones from ROSTA – Exciting applications. Wherever you look!



An increasingly important requirement on drive systems is power transmission from the motor to the driven elements without energy loss or wear. As a result of drive slip, insufficiently tensioned belt drives tend to make poor use of the available energy = friction loss; loose chain drives develop the premature wear of bearings, sprockets and drive chains, and also cause noise emissions.

In order to guarantee permanently tensioned belt and chain drives, ROSTA offers self-adjusting rubber suspensions for both the elastic drive motor suspensions and flexible chain and belt tensioners.

With the use of the ingenious and maintenance-free ROSTA tensioning systems, chain and belt drives work in an **energy-efficient**, quiet and virtually wear-free manner.





# TENSIONING TECHNOLOGY



Wood recycling plant with drum chipper; the 250 kW drive motor for the chipper is suspended on self-adjusting ROSTA Motorbase type MB 100 x 750.



**ROSTA** 

## The Blue Ones from ROSTA – An amazing variety of oscillating energy savers!



Vibration processing using high-frequency vibrations has become essential nowadays in almost all kinds of material processing. Whether food, pharma products, minerals, rocks and soils or recycling goods – the vibration-separation technique plays an important role in **cost-effective processing**.

ROSTA offers the corresponding suspension components for the management or control of circular, linear or horizontal oscillations. Rubber suspension units that are almost completely wear and maintenance-free guide screens, gyratory-sifters and shaker-conveyors silently and dynamically. The corresponding load capacity per element extends from 10 kg to 4 tonnes.





# OSCILLATING CONVEYOR TECHNOLOGY



«RUBBLE MASTER» mobile construction waste crusher and screening plant for the recycling of asphalt and rubblestone to produce new road bed materials. Feed chute suspended on ROSTA Type AB-HD 50-2 oscillating mountings.

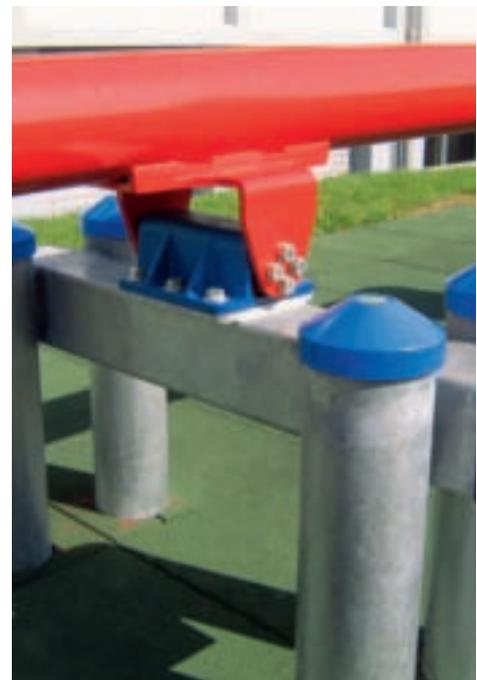


## The Blue Ones from ROSTA – Convincing multi-function suspension technology!



The four functions of a Spring, a Bearing, a Damper and an Oscillator are combined in the ROSTA rubber suspension unit in a compact structural component. We solve almost half of all our customer-specific requirements with standardised stock items. With standard clamps, brackets and supports, the 186 different ROSTA «system modules» can be integrated into almost any construction.

Our flexibility on the development and production of **«customized» components** is almost legendary. Every year, we deliver more than 2,500 customer-specific rubber suspension units to machine manufacturers: small series in welded construction, larger series in light metal castings and large series manufactured in sinter or precision casting technology.





# RUBBER SUSPENSION TECHNOLOGY



Wind generator Power Master 3000 for the energy supply of an industrial operation; mounted free of vibrations and secured-tear-resistant on ROSTA anti-vibration mountings type V 45.



# ROSTA engineering and Compounds rubber technology. An excellent symbiosis!



The Compounds AG company in CH-8330 Pfäffikon, the sister company of ROSTA AG, supplies all the rubber inserts for the manufacture of our suspension elements. The ROSTA elements are «only» as good as the quality of the elastomers that are built into them – or, to put it another way, the quality of the ROSTA suspension elements stands or falls with the quality of the rubber inserts. Our major concern was therefore always to maintain the quality of our rubber and to ensure the absolute continuity of supply. In the year 2007, we were able to acquire the rubber production of our supplier of many years. The newly established manufacturing operation of Compounds AG is affiliated with a generously designed test laboratory.

The developers and laboratory personnel at ROSTA and Compounds work «hand in hand» to promote a consistent rubber suspension quality. The short paths and the continuous contacts make it possible to maintain high quality standards in the interest of our customers.



# ROSTA TECHNOLOGY



ROSTA sales engineers providing customer consultation on-site.



## The ROSTA rubber suspension unit: long lasting, cost-efficient, environ- mentally-friendly!



In our efforts to make use of our products in countless processing plants and machinery worldwide in an optimal, efficient and environmentally-friendly manner, we provide the world market with our know-how, our experience and with our high quality products. We have subsidiaries and representatives in Argentina, Australia, Belgium, Brazil, Chile, China, Denmark, Germany, England, Finland, France, Greece, India, Ireland, Iceland, Italy, Japan, Canada, Lithuania, Malaysia, New Zealand, the Netherlands, Norway, Austria, Peru, the Philippines, Poland, Portugal, Russia, Sweden, Singapore, Slovakia, Slovenia, Spain, South Africa, South Korea, Thailand, the Czech Republic, Turkey and the USA.



With ideal handling, the rubber tree delivers latex as **renewable basic raw material** for the manufacture of rubber over a period of approx. 20 years; after its final harvest, its light coloured hard wood with its attractive patterns is in great demand from the furniture industry.



ROSTA AG  
CH-5502 Hunzenschwil  
Phone +41 62 897 24 21  
Fax +41 62 897 15 10  
E-Mail [info@rosta.ch](mailto:info@rosta.ch)  
Internet [www.rosta.ch](http://www.rosta.ch)