

# SUCCESS STORY

Where ROSTA made the difference



## MINOR TWEAKS WITH MAJOR EFFECTS



Oscillating Element AB 45

### Allemann Transporte

The family business Allemann Transporte in St. Peter (Arosa / Switzerland) has an extensive fleet of vehicles and construction equipment that are leased for virtually all areas of use. This makes them the ideal partner for the transportation of a whole range of materials as well as passengers.



#### CONTACT

Allemann Transporte &  
Traxunternehmung  
CH-7028 St. Peter  
Switzerland  
Phone +41 81 374 14 15  
Fax +41 81 356 41 74  
info@allemanntans.ch  
www.allemanntans.ch



Original situation with the rubber dampers used

## THE INITIAL SITUATION

The stationary screening equipment is mainly used for transporting top soil. The different layers of earth are separated in the process. A heavy impact is created by the top soil constantly hitting against the screen and this was cushioned by eight rubber dampers. But the oscillations were so strong that the vibrations were still transferred to the steel construction. This meant that over time, cracks started to form in the base frame. In addition to this, the conveying capacity had to be significantly reduced when filtering sticky top soil with a high clay content, as the dampers were too soft for this.

## THE SOLUTION

In order to solve this problem, Mr Hansruedi Allemann looked on the Internet for a suitable solution. That is when he came across ROSTA AG, who were only too happy to take a look at the problem. Not long after this, the eight rubber dampers on the screening equipment were replaced with eight ROSTA vibration dampers type AB 45. Since then, the vibrations in the base frame have all but disappeared, protecting the entire steel construction. It was even possible to further increase the conveying capacity of the sticky clay-based top soil.

## BENEFITS

- Increased conveying capacity / productivity
- Lower noise emissions
- No need to reinforce the base frame
- Protection of the entire mechanical system



Stefan Ambass  
Head of Gravel Plant  
Allemann Transporte

“ROSTA AG was the ideal partner for solving my problem and I am extremely satisfied with the fruits of our collaboration.”

## PRODUCTS USED

The ROSTA elements used in size AB 45 are maintenance-free elastic joints designed to support the freely oscillating vibrating screens in various models. They support the driving forces in the conveying direction and provide for good linear guidance. The ROSTA AB elements are particularly helpful in absorbing the strong vibrations quickly and effectively where the screens discharge.



ROSTA AG  
Hauptstrasse 58, CH-5502 Hunzenschwil, Switzerland  
Phone: +41 62 889 04 00  
info.ch@rosta.com, www.rosta.com