



A day's heavy lifting never felt better



Off-Highway Vehicles

Trelleborg Industrial Anti-Vibration Solutions



With over 100 years of experience, Trelleborg Industrial AVS make improvements people can physically feel. From smoother travel to quieter, more efficient machines, we make life feel better. With quality, testing and compliance built in, we're in it for the long haul, ensuring your solution never felt better, over an extended and often arduous life-cycle.

With three state-of-the-art manufacturing plants across the globe, our experience in rubber to metal bonding enhances a range of industries, including off-highway vehicles, rail and mass transit, marine and energy and general industry. The Metalastik and Novibra product ranges in particular epitomize the expertise and rich heritage of our anti-vibration solutions.

We offer an end-to-end service, to take you from concept through design, manufacturing and testing to delivery, helping you cut costs, mitigate risk and receive on time, on budget delivery.



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A DAY'S HEAVY LIFTING NEVER FELT BETTER

Engines are becoming lower weight, cabs have stricter noise, vibration and harshness levels to adhere to, loads are increasing and trucks are becoming heavier: vehicle suspension needs to evolve too.

The demands on off-highway vehicles are more diverse and challenging than ever. That's why our solutions are built to improve safety and comfort, while prolonging life and optimizing performance. This allows you to maximize productivity, reduce downtime and meet your environmental objectives, ensuring your business has never felt better.

QUALITY, RELIABILITY, SAFETY

For off-highway vehicles, quality, reliability and safety are paramount. Our anti-vibration and suspension solutions prolong the lifetime of your vehicles and their individual components. We believe in intelligent innovation that supports business goals, so our technology is designed to increase productivity, improve safety and comfort and help you to achieve your environmental objectives.

Trelleborg provides the know-how, skill and technical expertise to develop bespoke solutions that ensure your organization has never felt better. All our solutions are based on the unique needs of your project and developed in the most cost effective way. So you can feel confident our products give you an advantage that goes beyond high quality product supply.





PARTNERSHIP ETHOS

Trelleborg is more than just a supplier; we're your partner in polymer technology. As a world leader in the design and manufacture of metal bonded components for noise and vibration isolation in engine mounting and suspension systems, we believe in working closely with customers to understand specific requirements and design ideal solutions.

LOCAL PRESENCE, GLOBAL REACH

Trelleborg Industrial AVS is part of Trelleborg Group, which employs 15,000 people in over 40 countries. Whatever your challenge, whatever your role and wherever you are, we are nearby to offer expert knowledge, quality solutions and global consistency. Work with Trelleborg to make your business performance unshakeable.

TECHNICAL EXPERTISE

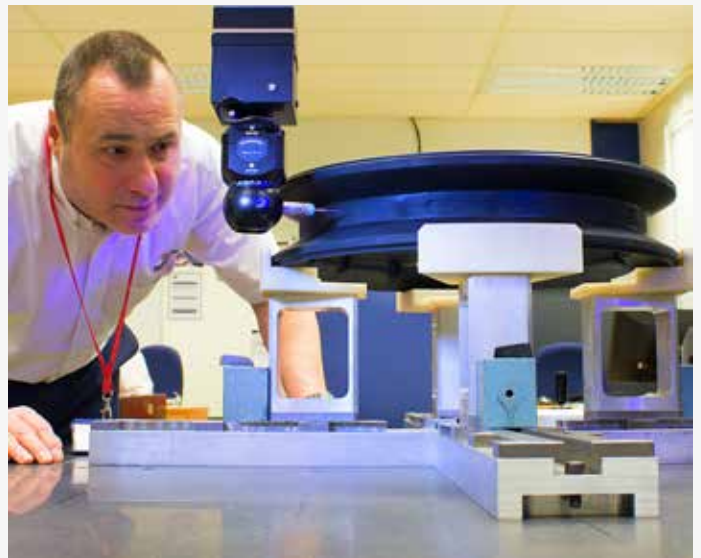
Trelleborg specializes in isolation, attenuation and suspension solutions of unshakeable quality and reliability. Building on a long history of solutions that set the standards, our technical expertise continues to evolve and excel. By using special elastomer compounds, our products can survive high strain conditions, with more compact, high capacity parts. We can even incorporate load cells and other smart technologies to provide monitoring solutions.

As part of our commitment to continuous improvement, our skilled R&D team is constantly developing our solutions, working closely with customers to pre-empt and meet changing markets and requirements.

Customized Solutions

Our specialist teams will assist you with specification and design. Where custom solutions are required, we have wide ranging experience in modelling the perfect anti-vibration and suspension system characteristics to meet your needs, however specialized or demanding.

We work to understand the environment in which you operate and the performance that environment dictates. You can be confident our products will perform over long and arduous lifecycles, even in the most extreme situations. We also deliver training for customers on getting the best out of our anti-vibration systems.



HIGH LEVELS OF SERVICE

Our dedicated customer service team will take your project from concept to delivery, through design, manufacturing and testing, reducing complexity in the supply chain and giving you a single point of contact. Despite our global presence, we believe in local, feet on the ground support – so you'll always be able to get in touch in your time zone and language.

We offer flexibility with logistics, paperwork and packaging, and our entire offering is supported by convenient communication, tailored to the way you talk. Our high quality products are subjected to stringent testing, by the most rigorous in-house material and product procedures.





Have a look at a range of our off highway solutions below, or get in touch to see how we could engineer a bespoke solution for your project. Further technical information can be found in our product catalogues.

DESCRIPTION	PRODUCT
<p>EH mount product range Wide load range, 60 to 350 kg Attenuation of structure-borne noise Dynamic efficiency in all directions</p>	
<p>Saw mount Versatile high performance mount Increased isolation efficiency Optimum spring rate</p>	
<p>Buffer product range Easily fitted Oil and nitrate resistant Nitrile Rubber Protects structures and equipment from impact forces</p>	
<p>Conical mount High fatigue life Wide radial load range High torsional movement</p>	
<p>Cushyfloat product range Trelleborg original design Low lateral stiffness Simple to install</p>	
<p>Cylindrical mount product range Simple to install Suitable for a range of applications Wide variety of sizes</p>	
<p>Axle suspension tower spring Manufactured from high strength steel High impact and wear characteristics Heavy-duty top and bottom plates to resist negative loading</p>	
<p>Metaxentric bushes Load range from 130 - 400 kg Robust and fail-safe, suitable for ROPS and FOPS cab structures Simple to fit, the housing leads itself to robust structures</p>	
<p>MDS mount product range Designed to take high dynamic shock loads Linear stiffness allows easy prediction of mount deflection Simple to install</p>	
<p>Metacone product range Large static deflections Compact fail safe design</p>	

Noise and vibration can be detrimental to health and prematurely cause equipment to wear out. Our range of isolators, mounts and dampers has been specifically designed to protect vehicle operators and sensitive machinery in extreme environments. Supplying a range of applications from skid steer loaders to mini excavators, forestry machines to articulated dump trucks, Trelleborg is your partner in tough terrain.




A photograph of a middle-aged man with grey hair and glasses, wearing a white lab coat over a blue shirt. He is focused on his work in a laboratory setting, with various pieces of glassware and equipment visible in the background. The lighting is soft and professional.

Quality and innovation

Building on a robust track record, Trelleborg is a world leader in the design and manufacture of anti-vibration solutions. We're always evolving our solutions to anticipate and meet the demands on off-highway vehicles. Our expert polymer technologies create maximum business value through improved longevity, productivity and cost effectiveness, while optimizing comfort, health and safety for operators.

We have wide ranging experience in designing for and testing off-highway vehicles, and modelling bespoke anti-vibration and suspension system characteristics to meet your needs. We can manage your whole project from concept, through polymer engineering and manufacturing, to testing and installation. This ensures your solution is delivered on time and on budget, and your vehicles have never felt better, even after years of reliable performance.

A large yellow Trelleborg Industrial AVS dump truck is shown in a quarry setting. The truck is positioned in the center-left of the frame, facing right. It has a prominent front grille, a large headlight, and a heavy-duty bumper. The background consists of a steep, rocky quarry face under a dark sky. The overall scene is industrial and rugged.

Trelleborg Industrial AVS make improvements people can physically feel. From smoother travel to quieter, more efficient machines, we make life feel better. With quality, testing and compliance built in, you have the confidence you're dealing with a true partner that understands your challenges and will ensure your people and passengers have never felt better.

**Never
felt better**



Using advanced polymer technology, Trelleborg's industrial anti-vibration solutions (IAVS) operation specializes in the field of rubber-to-metal bonding for the removal of unwanted noise and vibration. Solutions include mountings, bearings and suspension. As part of the Trelleborg Industrial Solutions business area of Trelleborg Group, Trelleborg's Industrial AVS operation utilizes over 100 years of experience to provide solutions for numerous applications and environments, with a reputation of high quality, performance and service life. Markets include rail, marine, industrial and off-highway. The company focuses on isolation, attenuation and suspension solutions of unrivalled quality and reliability. The company's commitment and expert polymer technologies create maximum business value through improved longevity, productivity and cost effectiveness, while also optimizing comfort, health and safety. www.trelleborg.com/anti-vibration-solutions.

WWW.TRELLEBORG.COM/ANTI-VIBRATION-SOLUTIONS



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