

Hassle-free Quality Made in Finland

Our production plant is located in Järvenpää, in southern Finland. SV-Shocks is a quality orientated company and we have been certified according to ISO 9001, ISO 14001, ISO 3834 and EN 15085.

GLOBAL SUPPLIER

Today 85% of our production is exported. SV-Shock's main market area is Europe but our products are sold worldwide.



MILITARY

AGRICULTURE

RAILWAY

TRANSPORT

INDUSTRY

DAMPERS AND SHOCK ABSORBERS FOR HEAVY USE

SV-Shocks Ltd is a traditional shock absorber and damper manufacturer. We have produced and designed shock absorbers over 50 years.

We design and manufacture industry-recognised shock absorbers for railway, heavy-duty vehicles, including trucks, trailers, buses, military vehicles and industrial purposes.

ACTIVE PRODUCT DEVELOPMENT

With extensive experience and a global reputation for delivering reliable, long-lasting products, we excel in meeting even the most highly customized application needs.

Close collaboration with our customers forms the foundation of our active product development. By maintaining constant communication with drivers and manufacturers, we stay ahead of evolving customer requirements.

TESTED TO MEET OUR HIGH QUALITY STANDARDS

SV-Shocks shock absorbers are especially known as high-quality, reliable and long-lasting products. Each shock absorber is thoroughly tested before it leaves the factory to ensure it meets our highest quality standards.

Our high-quality products guarantee safe and maintenance-free use until the next scheduled maintenance.

SV-SHOCKS®

Made in
Finland



Shock Absorbers for Military Applications

SV-SHOCKS®

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**HIGH QUALITY
DAMPERS AND
SHOCK ABSORBERS**

Military

DAMPING SOLUTIONS FOR MILITARY APPLICATIONS

- **Designed for Extreme Conditions** – Optimized for high-speed, high-load off-road military operations.
- **Superior Damping Performance** – Handles displacement velocities up to 4-5 m/s for enhanced vehicle control.
- **Ultra-Durable & Reliable** – Built to withstand the harshest environments with long-lasting performance.

ADVANCED SOLUTIONS FOR MILITARY VEHICLES

Designed for extreme conditions

SV-Shocks is an industry recognized provider of high-performance shock absorbers and suspension systems specifically designed for military applications. With decades of experience and a commitment to excellence, our products ensure superior durability, reliability and performance in the most demanding environments.

HIGH-PERFORMANCE DAMPING SOLUTIONS

We provide high-performance damping solutions tailored for vehicles facing extreme accelerations, speed, and unpredictable surfaces. Our shock absorbers are specifically designed for military use, where standard solutions are simply not enough.

OFF ROAD SHOCK ABSORBERS AND SUSPENSION SYSTEMS FOR HIGH VELOCITIES AND HIGH LOADS

Off road vehicles (military use) often confront extra high velocities, accelerations and loads when they are driven on surfaces where they are designed to be used. Displacement velocities can increase up to 4-5 m/s, requiring superior damping features from the shock absorber and suspension to ensure vehicle stability and crew safety.

Military vehicles are often used in tough conditions where both acceleration and speed are high, and the damping features have to meet the highest demands for safety and comfort. Suomen Vaimennin Oy specializes in creating ultra-durable products optimized for the most severe off-road conditions.



Military Grade Shock Absorbers

SUPERIOR HYDROPNEUMATIC SUSPENSION SYSTEMS

Our hydropneumatics suspension systems offer unparalleled support and comfort for military vehicles, enhancing mobility and operational efficiency. They are created to provide seamless performance whether in desert, forest or arctic regions.



- **Tailor made technology** – Tailor made for each vehicle and system.
- **Enhanced stability** – Reduces vibrations and shocks, providing a safer and more controlled ride.
- **Maintenance friendly** – Designed for a longest possible service life and limited maintenance needs.
- **Space and weight saving** – Cost and weight effective compared to coil spring suspension.
- **Adaptability** – There are several different designs available.

MILITARY GRADE SHOCK ABSORBERS

Our innovative designs minimize heat buildup, ensuring the shock absorbers perform efficiently even under the toughest off-road conditions. We offer fully customized solutions for individual military vehicle types, optimizing the performance for specific operational needs. Shock absorbers are available for axle suspension and e.g. even for specialized applications like explosion protected seats.



- **High durability** – Constructed with robust materials to endure harsh environments and heavy loads.
- **Precision engineering** – Designed for optimal performance and reliability under extreme stress.
- **Custom solutions** – Tailored to meet specific requirements of different military vehicles.
- **Complete package** – Can be delivered with coil spring according to customer needs.