



MOBIUS Protection Systems Ltd.

Line of Business

Defense and Automotive Markets

Established

2009

Leading Executives

Oren Goor
CEO

Anan Hasan
VP R&D

Shy Mindel
VP Marketing

Mobius Protection Systems Ltd. designs, develops and manufactures state-of-the-art energy absorbing, life saving safety solutions based on its unique Spiral technology. Mobius' solutions provide protection against high impact energy scenarios caused by a wide range of events – for example, blasts, civilian vehicle accidents, and helicopter crashes. Mobius' solutions also mitigate blast waves experienced by military vehicles by utilizing its unique single deformable element. The company also provides a wide range of engineering solutions to many industries.

Since 2009, Mobius products has demonstrated outstanding results under strict standards, and has conducted hundreds of tests to replicate these results.



Energy absorbing system

Energy absorbing seat.
Designed to mitigate impacts from multiple directions

Technology

Mobius' proven patent-pending technology has been developed to withstand the most severe impact scenarios. The greatest advantage of the technology lies in a single high efficiency element – the Spiral. The Spiral allows absorption of extremely high energy levels, while avoiding the problems that exist in current technologies due to the requirement of an interface reaction between a numbers of elements.

Mobius technology is characterized by a low-cost, low-weight and small-size element, which can be manufactured by utilizing a wide range of materials and techniques. The simplicity of the Spiral technology provides high adaptability and tremendous flexibility in the design of myriad solutions for various industries, such as the automotive industry, car seat manufacturing, "forgiving road-sides", train collisions, etc.



Energy absorbing element - shown before and after exposure to impact

This combination of a high efficiency element with a low manufacturing cost provides a unique advantage for competitive markets driven by the constant need for innovative, cost effective solutions.

Civil Systems

The proven success of the Spiral according to the high standards of the military sector, combined with the technology's built-in advantages, provides a solid foundation for Mobius' successful entry into the civil market. The main application in the civil market is energy management of high impact scenarios.

During this period of time Mobius has developed and sold a wide variety of energy absorbing systems for different types of vehicles around the globe.

Mobius designs and builds its systems to the highest automotive standards and is approved to the advanced standards of ISO 9001:2008.

Mobius is harnessing its achievements in the military sector and is now adapting its strong and proven engineering capabilities and patented technology the civil industry. To this end, the company is investing resources in intensive development of energy-absorbing solutions for the automotive market, based on its core technology.



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