

Vibration Isolation System Industry Analysis in India to Grow at 7.5% CAGR, Reaching US\$ 450.5 Million by 2033

India's booming industrialization spurs demand for vibration isolation systems, as companies prioritize equipment protection and maintenance in diverse sectors.



NEWARK, DELAWARE, UNITED STATES OF AMERICA, November 14, 2023 /EINPresswire.com/ -- The <u>vibration isolation system industry analysis in India</u> was valued at around US\$ 249.0 million in 2023. Expanding at a CAGR of 7.5%, it is expected to reach a value of US\$ 450.5 million by the end of 2033.

Rapid industrialization and infrastructure development projects are set to fuel India's demand for vibration isolation systems. Increasing focus on equipment protection and maintenance is also expected to drive the adoption of vibration isolation systems across several companies.

The ecosystem is witnessing a growing demand for compact and lightweight vibration isolation systems. Companies across several sectors increasingly seek solutions to effectively isolate vibrations while minimizing their system's added weight and size. This demand is driven by the need to optimize space utilization, improve portability, and address weight constraints in aerospace, automotive, and portable electronics applications.

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Compact and lightweight vibration isolation systems offer the advantage of reducing the footprint and enabling easier integration into existing setups. Manufacturers are developing innovative designs and materials to meet this demand and provide efficient vibration control without compromising performance.

Companies are expected to raise awareness about the adverse effects of vibrations on equipment, machinery, and operational efficiency. This has increased the demand for vibration isolation systems to mitigate these issues.

A well-structured and efficient supply chain network, expansion in production capacity, acquisitions, partnerships, and collaborations are key growth strategies to increase the business

footprint. They are making long-term agreements with the distributors and traders to maintain and increase revenue.

Key Takeaways from the Vibration Isolation System Industry Analysis in India Report:

The business is projected to expand at a value CAGR of 5% and reach US\$ 450.5 million.

By product type, passive vibration isolators are the critically growing segment of the business and are estimated to hold around 5% of the volume share.

By end use, the automotive segment is observed to account for a prominent share of 7% in 2023.

The demand for vibration isolation systems in India is anticipated to exhibit Y-o-Y growth of 1% in 2023.

The India vibration isolation system business generated sales of US\$ 167.9 million in 2018.

"Our comprehensive Vibration Isolation System Industry Analysis reveals a robust market landscape with significant growth potential. The study, conducted under the expert guidance of our research manager, underscores the industry's dynamic nature, showcasing evolving trends and emerging opportunities. With a keen focus on technological advancements and market drivers, our research provides invaluable insights for stakeholders navigating the complexities of the Vibration Isolation System Industry." -says Nikhil Kaitwade, Associate Vice President at Future Market Insights, Inc.

Competitive Landscape:

The India vibration isolation system business must be more cohesive among leading manufacturers. Leading participants would strategically expand their sales and service network, acquisition, and merger activities to complement revenue growth and attain higher shares. Small-sized regional manufacturers are focusing on introducing cost-effective, customized, and value-for-money products to improve their penetration.

Leading Key Players:

Conti Tech
Parker Hannifin (Lord Corp)
HUTCHINSON SA
ACE Stoßdämpfer GmbH
Fabreeka
Lisega India Pvt Itd
Trelleborg AB

Dynamech VIBZORB

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For instance,

In July 2021, AMC-MECANOCAUCHO added nutless mounts to VT anti-vibration mounts for spring suspensions weighing between 15 and 750 kg. They are built with the best springs available.

In March 2022, ITT Inc. showcased its full range of highly sophisticated vibration control, shock isolation, and energy absorption results for military and defense applications at the Marine Space Expo, the world's leading maritime exhibition in the USA.

In March 2020, ITT Enidine announced the launch of RoHS Compliant Cable Insulators with competitive shock and vibration solutions at the 2020 Western Conference

Vibration Isolation System Industry Analysis in India Segmentation:

By Product Type:

Passive Vibration Isolators

Springs

Dampers (Mechanical)

Elastomeric Isolators

Air Isolators

Compact Pneumatic Isolators

Others

Active Vibration Isolators

Active Damping System

Electromagnetic

Piezoelectric

Semi-active Dampers

By End Use:

Automotive

Aerospace

Defense

Research & Development

Manufacturing
General Engineering
Heavy Engineering
Precision Engineering
Electronics
Consumer
Medical
Building & Construction
Others

By Region:

North India South India North East India West India

Author By:

Nikhil Kaitwade (Associate Vice President at Future Market Insights, Inc.) has over a decade of experience in market research and business consulting. He has successfully delivered 1500+ client assignments, predominantly in Automotive, Chemicals, Industrial Equipment, Oil & Gas, and Service industries.

His core competency circles around developing research methodology, creating a unique analysis framework, statistical data models for pricing analysis, competition mapping, and market feasibility analysis. His expertise also extends wide and beyond analysis, advising clients on identifying growth potential in established and niche market segments, investment/divestment decisions, and market entry decision-making.

Nikhil holds an MBA degree in Marketing and IT and a Graduate in Mechanical Engineering. Nikhil has authored several publications and quoted in journals like EMS Now, EPR Magazine, and EE Times.

Have a Look at the Related Reports of the Industrial Automation Domain:

<u>Vibration Control Systems Market Share</u>: Global demand for the systems is expected to rise at a yearly growth rate of 6.2% Y-o-Y to US\$ 6.28 Billion in 2026

<u>Galvanic Isolation Market Size</u>: It is projected to grow at a moderate CAGR of around 5.2% during the forecast period from 2022 to 2032.

About Future Market Insights (FMI):

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 5000 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

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