

# Global Tuned Mass Vibration Unit Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Tuned Mass Vibration Unit market size was valued at US\$ 510 million in 2025 and is forecast to a readjusted size of US\$ 704 million by 2032 with a CAGR of 4.8% during review period.

In 2024, global Tuned Mass Vibration Unit production reached approximately 123,252 units , with an average global market price of around US\$ 3914 per unit. Gross margin is about 45%. The cost is 2,152 usd. Production capacity 140,000 to 160,000 units. A Tuned Mass Vibration Unit is a passive vibration control device that significantly reduces vibration amplitude by adding an adjustable mass to a structural system in conjunction with springs and damping elements, thereby tuning the system's natural frequency to the frequency of the vibration source. It is widely used in high-rise buildings, bridges, wind turbine towers, precision machinery, and large industrial equipment to suppress resonance caused by wind loads, earthquakes, or mechanical vibrations. Its upstream mainly includes manufacturers of springs, dampers, precision mass blocks, hydraulic or friction damping components, as well as suppliers of structural materials such as high-strength steel and aluminum alloys; its downstream customers include building structure engineering companies, bridge construction projects, high-rise building developers, wind turbine tower manufacturers, precision equipment manufacturers, and related installation and maintenance service companies. Tuned mass vibration dampers effectively improve structural safety and comfort, especially exhibiting stable and reliable vibration reduction effects in extreme environments.

This report is a detailed and comprehensive analysis for global Tuned Mass Vibration Unit market. Both quantitative and qualitative analyses are presented by manufacturers,

by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Tuned Mass Vibration Unit market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Tuned Mass Vibration Unit market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Tuned Mass Vibration Unit market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Tuned Mass Vibration Unit market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Tuned Mass Vibration Unit

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Tuned Mass Vibration Unit market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Woelfel, GERB, LISEGA Group, MAURER SE, Flow Engineering, Enidine, Engiso, ESM GmbH, Micromega, Mageba-group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Tuned Mass Vibration Unit market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Active Type

Semi-active Type

Passive Type

Other

#### Market segment by Size

Large Type

Small & Medium Type

#### Market segment by Application

Buildings

Bridges

Industrial

Towers

#### Major players covered

Woelfel

GERB

LISEGA Group

MAURER SE

Flow Engineering

Enidine

Engiso

ESM GmbH

Micromega

Mageba-group

TVS Acoustics

Vibratec

Warren Environment

A+H Custom Machine

DEICON

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Tuned Mass Vibration Unit product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tuned Mass Vibration Unit, with price, sales quantity, revenue, and global market share of Tuned Mass Vibration Unit from 2021 to 2026.

Chapter 3, the Tuned Mass Vibration Unit competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tuned Mass Vibration Unit breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Tuned Mass Vibration Unit market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Tuned Mass Vibration Unit.

Chapter 14 and 15, to describe Tuned Mass Vibration Unit sales channel, distributors, customers, research findings and conclusion.

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