

Global Vibratory Plate Compactor Market Size Study & Forecast, by Type (Forward Plate Compactors and Reversible Plate Compactors), By Power (Electric and Gasoline), By Application (Residential, Commercial, and Industrial), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GA30AD1BEFF0EN.html>

Date: March 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA30AD1BEFF0EN

Abstracts

Global Vibratory Plate Compactor Market is valued approximately at USD 943.3 million in 2022 and is anticipated to grow with a growth rate of more than 5.8% over the forecast period 2023-2030. A vibratory plate compactor is a robust machine employed in construction and landscaping to compact soil, gravel, or asphalt effectively. Featuring a flat, vibrating plate, it applies downward force and rapid vibrations to settle loose materials firmly. This compaction technique is instrumental in establishing sturdy foundations for structures such as buildings, roads, or walkways, by minimizing air voids in the soil, enhancing its density, and load-bearing capacity. Moreover, vibrating plates offer versatility and numerous advantages, streamlining the compaction process and ensuring optimal outcomes. These plate compactors accelerate compaction procedures, significantly reducing time requirements. Leveraging powerful vibrating plates, they swiftly compact soil particles, diminishing air bubbles, and enhancing soil compaction. The efficient compaction facilitated by plate compactors facilitates swift project advancement on-site, enabling timely project completions within stringent deadlines. The growing need for regular maintenance and occasional repair, rapid urbanization and population growth, as well as stringent regulatory standards related to construction quality and environmental protection are the key factors that are bolstering the market demand across the globe.

In addition, the continuous growth of construction and infrastructure projects globally, spanning roads, highways, buildings, and airports, drives the demand for vibratory plate compactors as indispensable tools for soil compaction and foundation preparation. As

per Statista, the construction (including commercial and residential infrastructure) industry spending is rising constantly, in 2021, the worldwide construction spending was valued at USD 12.9 trillion, which is projected to rise to USD 17.1 trillion by the year 2030. Thus, these aforementioned factors are propelling the growth of Vibratory Plate Compactor Market during the estimated period. Moreover, the continuous advancements in vibratory plate compactor technology, as well as growing popularity of the rental market present various lucrative opportunities over the forecast years. However, the high maintenance costs along with availability of alternatives are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Vibratory Plate Compactor Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 with largest market share owing to the rise in construction and infrastructure sectors in this vibrant and rapidly evolving area. Additionally, several countries across the Asia Pacific region are undergoing substantial infrastructure growth, marked by the construction of roads, highways, bridges, airports, and other public amenities. Vibratory plate compactors play a pivotal role in these initiatives, crucial for ground preparation and ensuring the durability of foundations in these expansive projects. Whereas, North America is expected to grow with the fastest CAGR over the forecast years. The diverse and dynamic construction and infrastructure sector in the region are significantly propelling the market demand across the region. As construction activities continue to advance and diversify, the need for effective compaction equipment is anticipated to endure. Furthermore, ongoing developments in commercial and industrial sectors, encompassing warehouses, manufacturing plants, and distribution centers, further drive demand for vibratory plate compactors in activities like site preparation and foundation compaction.

Major market players included in this report are:

Bopparder Maschinenbau-Gesellschaft mbH (Bomag) (Germany)

Caterpillar Inc. (U.S.)

Wacker Neuson SE (Germany)

MBW Inc. (U.S.)

Ammann Group (Switzerland)

Husqvarna Construction Products (Sweden)

Multiquip Inc. (U.S.)

Atlas Copco Group (Sweden)

Stanley Infrastructures LLC (U.S.)

Doosan Portable Power Inc. (U.S.)

Recent Developments in the Market:

In December 2023, The Ammann Group and Volvo Construction Equipment (Volvo CE) finalized an agreement whereby Ammann would acquire Volvo CE's global ABG Paver Business, encompassing ABG located in Hameln, Germany.

In July 2023, The Ammann Group unveiled the new Ammann eATR 68 Rammer, featuring electric-drive technology that produces zero emissions while offering a range of additional benefits.

Global Vibratory Plate Compactor Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Power, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional &

segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Electric

Gasoline

By Power:

Forward Plate Compactors

Reversible Plate Compactors

By Application:

Residential

Commercial

Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

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Saudi Arabia

South Africa

Rest of Middle East & Africa

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