

Global High Flexible Coupling Market Size study & Forecast, by Type (Elastomeric Couplings, Grid Coupling, Disc Coupling, Others), by Material (Steel, Rubber, Others), by End User Industry (Oil and Gas, Automotive, Power Generation, Others), and Regional Analysis, 2023-2030

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Abstracts

Global High Flexible Coupling Market is valued at approximately USD 2.2 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5% over the forecast period 2023-2030. The high flexible coupling market refers to the global industry involved in the manufacturing of couplings that provide high flexibility and torsional elasticity for various mechanical systems. These couplings are designed to connect rotating shafts and transmit torque while accommodating misalignment, vibration, and shock loads. They offer a flexible connection between two shafts, allowing for smooth and efficient power transmission while minimizing wear and tear on the connected components. The high flexible coupling market encompasses a wide range of coupling types, including elastomeric couplings, disc couplings, grid couplings, and diaphragm couplings, among others. The High Flexible Coupling Market is being driven by factors such as increasing construction activities and technological advancement in coupling technology.

These devices are mostly used in material handling and lifting at construction sites. According to Statista, the size of the global construction market in 2021 was USD 7.3 trillion and is expected to reach USD 10.3 trillion by 2025. Along with that, there is also advancement in technology of highly flexible coupling devices. For instance, in March 2020, J C Bamford Excavators Ltd has recently introduced its latest product, the 8025

ZTS mini excavator. This compact excavator is equipped with a powerful 20.9 Kw Perkin engine, providing efficient performance for various construction and excavation tasks. With a weighing capacity of 2.8 tons, the 8025 ZTS offers versatility and maneuverability in tight spaces. Thus, increasing construction activities and technological advancement in coupling technology fueled the growth of the market. In addition to the Integration of industrial automation and Integration of robotics in different manufacturing, machinery creates lucrative opportunities for the market. However, the lack of technical proficiency along with the lack of awareness hinders the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global High Flexible Coupling Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe dominated the market in 2022 owing to the well-established industrial sectors and significant machinery manufacturing activities. Latin America, and Middle East & Africa consider as fastest growing region due to the increased investments in sectors such as oil and gas, power generation, and infrastructure projects.

Major market player included in this report are:

Renk AG

Flender

VULKAN Group

Kawasaki Heavy Industries Ltd.

Renold PLC

KTR Systems GmbH

Ortlinghaus-Werke GmbH

The Timken Company

Stromag France

comintec Srl

Recent Developments in the Market:

In February 2023, VULKAN Group introduced its VULASTIK XT product, specifically designed for industrial applications such as pumps, fans, compressors, blowers, and generator sets. This innovative product offers excellent performance and is suitable for various industrial sectors. Additionally, VULASTIK XT is well-suited for mobile applications, including trains and mobile equipment, that utilize diesel or petrol engines. With its robust design and versatility, VULASTIK XT provides reliable and efficient power transmission in a wide range of demanding industrial and mobile environments.

Global High Flexible Coupling 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, Material, End User Industry, 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:

Elastomeric Couplings

Grid Coupling

Disc Coupling Others

By Material:

Steel

Rubber

Others

By End User Industry:

Oil and Gas

Automotive

Power Generation

Others

By Region:

North America

U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
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RoAPAC

Latin America
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