

Global Rotary and RF Rotary Joints Market Size study, by Type (Single passage rotary joints, Multi passage rotary joints), by Media (Air, Gas, Oil, Water, Steam, Coolant), by Industry, (Aerospace, Food & beverages, Industrial Automation, Oil & Gas, Semiconductors, Energy, Medical), by Application (Commercial, Military), and Regional Forecasts 2022-2028

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Abstracts

Global Rotary and RF Rotary Joints Market is valued at approximately USD 671.8 million in 2021 and is anticipated to grow with a healthy growth rate of more than 3.9% over the forecast period 2022-2028. The electromechanical elements or components known as RF rotary joints or radiofrequency rotary joints are used to transfer radio frequency signals between moveable and stationary sections of any system. In the design of different rotating radar systems, rotary joints are critical components. They're also known as electromechanical devices, and they act as a crucial interface between the rotating radar system's numerous parts and other fixed components. Low-distortion signal transfer between the ground components and the antenna is enabled via RF rotary joints. The market growth is driven by increasing demand for multi-channel rotary joints in food & beverages industry and increasing demand for single-passage and multi-passage rotary joints in industrial automation sector. Hence, the rising food and beverage industry and automotive sector, directly affect the market, positively. For instance, as per Statista, in 2021, the global automotive manufacturing market was estimated to be worth around USD 2.7 trillion. In 2022, the market is expected to reach a value of USD 2.8 trillion. In the next ten years, automotive technology will change dramatically. In 2030, electric vehicles are estimated to account for 26% of new auto sales globally, with 58 million new self-driving cars joining the global fleet. However, leakage problems impede the growth of the market over the forecast period of

2022-2028.

The key regions considered for the global Rotary and RF Rotary Joints Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is leading the market growth globally. Factors such as rise in manufacturing industry and growth in technological benefits in the region. However, Asia Pacific region is expected to be the fastest growing region in the upcoming years. China, Japan, and South Korea are the largest contributors in APAC. China and Japan are the largest and fastest-growing markets in APAC in terms of rotary and RF rotary joint applications.

Major market players included in this report are:

Macartney Underwater Technology Group

Spinner GMBH

APItech

Kadant

Dynamic Sealing Technologies, Inc.

Hoerbiger Group (Deublin Company)

Columbus McKinnon Corporation

Moog

Cobham

Pasternack

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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:

Single passage rotary joints

Multi passage rotary joints

By Media:

Air

Gas
Oil
Water
Steam
Coolant

By Industry:

Aerospace
Food & beverages
Industrial Automation
Oil & gas
Semiconductors
Energy
Medical

By Application:

Commercial
Military

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

Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Rotary and RF Rotary Joints Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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