

Global Rotary Vane Vacuum Pumps Market Research Report 2022 Professional Edition

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Abstracts

The global Rotary Vane Vacuum Pumps market was valued at 1204.19 Million USD in 2021 and will grow with a CAGR of 2.58% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact wwhich will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market verdors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Rotary vane vacuum pumps are mechanical vacuum pumps that operate via rotary positive displacement. Pumping system consist of a housing, an eccentrically installed rotor, vanes that move radially, and an inlet and outlet. Larger pumps may have additional impeller vanes. Rotary vane vacuum pumps create regions of low pressure by moving fluid using a rotating vane assembly in the pumping chamber. Typically there are two or more rotating vanes that move the gas or fluid from inlet to outlet. Rotary vane pumps can be employed universally throughout the entire low and medium vacuum ranges. As the rotor turns, the ends of the vane barely touch the housing, creating a seal from inlet to outlet. The inlet and outlet are often perpendicular, however for vacuum service applications two inlets may be used; one for air supply and the other for the pumped media. The rotor and vanes divide the working chamber into two separate spaces having variable volumes. As the rotor turns, gas flows into the enlarging suction chamber until it is sealed off by the second vane. The enclosed gas is compressed until the outlet valve opens against atmospheric pressure, pushing gas molecules out the port. This report mainly introduces two types of rotary vane vacuum pumps: single-stage and two-stage. Dual stage vacuum pumps compress the gas twice



before exhausting it to atmosphere and therefore generate a lower ultimate vacuum pressure. Single stage pumps only compress the gas once delivering a higher pressure, but less heat. The top four players of rotary vane vacuum pumps are Atlas Copco, Busch, Gardner Denver, Value Specializes, accounting for 44% of the total production. China is the world's largest production area with the market share was about 38%. However, the price of Chinese products is very cheap. Similarly, China's product quality is also very backward. So, the revenue market share of China is only about 9%. On the production side, Value Specializes is the world's largest rotary vane vacuum pumps manufacturers. However, Value Specializes has a significant gap than Atlas Copco, Busch and Gardner Denver in revenue.

By Market Verdors:	
Atlas Copco	
Busch	
Gardner Denver	
Pfeiffer Vacuum	
Tuthill	
Becker Pumps	
Agilent	
Gast(IDEX)	
ULVAC	
Value Specializes	
Dekker Vacuum Technologies	
Osaka Vacuum	
Hokaido Vacuum Technology	



Wenling Tingwei
By Types:
Single Stage Rotary Vane Vacuum Pumps
Two Stage Rotary Vane Vacuum Pumps
By Applications:
Semiconductor and Electronic Industry
Chemical Industry
Laboratory Research
Food Industry
Machinery Industry
Key Indicators Analysed
Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market?s competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.
Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous

Porters Five Force Analysis: The report provides with the state of competition in industry

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Global Rotary Vane Vacuum Pumps Market Research Report 2022 Professional Edition

Innovations.



depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements



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Key Data Information from Primary Sources

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