

Global oil-free air compressor market size is estimated to exceed USD 12 billion by 2022.

[Global oil-free air compressor market](#) size is estimated to exceed USD 12 billion by 2022. Rapid technological advancements along with expansion of the manufacturing sector are anticipated to drive the industry growth over the forecast period.

These devices are mainly used to convert low pressure air to high pressure air. The pressure is generated using positive displacement technique by piston-cylinder mechanism. Oil is mainly used for lubrication and cooling purposes in an air compressor. However, various quality critical industrial applications, namely, food and beverages, pharmaceuticals, textiles, and electronics require oil-free compressors in order to avoid risk of oil contamination.

[Request Sample](#)

[Request for Customization](#)

In textile and electronics industry, air with oil particles may cause in high returns and rejection of the product, production downtime and cleanup that involve high auxiliary costs and may eventually impede the profitability. As the components involved in these systems such as cartridges & filter, desiccant material and rubber elements are oil free and clean, the compressors are likely to produce 100% clean air. Absence of waste oil in these devices is anticipated to result in substantial environmental benefits by cutting down the pollution.

[Get sample pages from latest research report @](#)

This device use water for lubrication and cooling the system. Attributes such as low noise, high speed, easy to use controls, high performance and low maintenance costs are predicted to boost oil-free air compressor market size over the forecast period. These devices compress air by the action of screws without any assistance of an oil seal and have lower discharge pressure capacity. Multi-stage oil-free compressor market involves utilization of large sets of screws and helps in achieving as much as 150 PSI of air pressure. These systems are likely to produce better results when compared to their oil-filled counterparts.

Surging industrialization as well as growth across numerous industry sectors such as food processing, semiconductor manufacturing, and medical research are anticipated to spur the global oil-free air compressor market size from 2015 to 2022. Increasing significance of this equipment in transport and logistics sector may positively impact industry growth.

Superior air quality along with high reliability offered is expected to propel the industry growth over the coming years. Furthermore, favorable government policies regarding environmental protection and energy conservation is anticipated to boost the oil-free air compressor market share from 2015 to 2022.

Industry participants are predicted to experience fierce competition. Provision of enhanced service offerings and increased flexibility towards end-user requirements may challenge the industry growth. Increasing cost of raw materials, bulky size, and noise pollution may also hamper demand. Rising

focus on R&D is expected to exhibit considerable growth opportunities. Low maintenance and installation cost involved in implementation of these systems is predicted to fuel growth.

The oil-free air compressor market is comprised of rotary screw, centrifugal, and piston type products. Key application of these devices include petrochemical and refining industries, chemical, steel industry, power generation, food & beverages industry, textiles and electronics.

Europe oil-free air compressor market size is anticipated to witness significant growth from 2015 to 2022. The rise in demand for the products can be attributed to flourishing adoption of energy efficient devices as well as technology across the region. Asia Pacific is expected to be an attractive segment due to increasing awareness regarding adoption of eco-friendly technology and surging demand for modern systems. Regions such as Middle East & Africa and Latin America are predicted to experience steady growth from 2015 to 2022.

Key industry players involved in constituting major oil-free air compressor market share include BOGE, Atlas Copco, Chicago Pneumatic, Gardner Denver, FS-Elliot, GE Oil & Gas, Ingersoll-Rand, Hitachi, Kirloskar, and Sullivan Palatek.

About Global Market Insights

Global Market Insights, Inc., headquartered in Delaware, U.S., is a global market research and consulting service provider; offering syndicated and custom research reports along with growth consulting services. Our business intelligence and industry research reports offer

clients with penetrative insights and actionable market data specially designed and presented to aid strategic decision making. These exhaustive reports are designed via a proprietary research methodology and are available for key industries such as chemicals, advanced materials, technology, renewable energy and biotechnology.

Contact Us:

Jack Davis

Corporate Sales, USA

Global Market Insights, Inc.

Phone: 1 302-846-7766

Toll Free: 1 888-689-0688

Email: sales@gminsights.com