

# **Global Screw Compressor Market Size study & Forecast, by Type (Oil-injected, Oil-Free), by Stage (Single-Stage, Multi-Stage), by Technology (Stationary, Portable), by End-User (Oil & Gas, Chemicals & Petrochemicals, Food & Beverage, Automotive, Power Plants, Mining & Metals, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Screw Compressor Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. Screw compressor is a type of positive displacement compressor that uses two intermeshing helical rotors, often referred to as screws, to compress air or gas. As the rotors rotate, they trap and compress the air or gas between them and reducing the volume and increasing the pressure. Screw compressors are widely used in various industrial applications due to their efficiency, reliability, and versatility. The key factors driving the market growth are industrial automation and manufacturing growth, rise in energy consumption, and increasing demand for energy-efficient compressors that are anticipated to support the market growth.

Additionally, the growing energy consumption contributes to the demand for screw compressors. As industries expand and manufacturing processes become more sophisticated, the demand for compressed air in various industrial applications increases. Screw compressors are widely used in industries such as manufacturing, automotive, electronics, and others, where compressed air is a vital utility for powering tools, machinery, and automation systems. According to Statista, in 2020, the primary energy consumption worldwide was 566.49 exajoules and in 2022 the energy

consumption reached 604.04 exajoules. As a result, the growing energy consumption is anticipated to support the market growth. Moreover, increasing demand for the environment-friendly screw compressors, and industrialization in emerging economies increase demand for screw compressors which are anticipated to create lucrative opportunities for the market during the forecast period 2023-2030. However, the high installation cost and new technology stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Screw Compressor Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing emphasis on energy efficiency and sustainability, the rising oil and gas industry, and the growing focus on oil-free compressors. Whereas, the Asia Pacific is expected to grow with the highest CAGR over the forecast period, owing to factors such as the growing infrastructure development projects, expansion in oil and gas activities, and growth in chemical and petrochemical industries.

Major market player included in this report are:

Atlas Copco

Hitachi Ltd

Ingersoll Rand

Emerson Electric Co.

Daikin Industries Ltd

Siemens

Kobelco Construction Machinery Co., Ltd.

IHI Rotating Machinery Engineering Co.,Ltd.

Kaeser Compressors, Inc.

Boge Kompressoren

## Global Screw Compressor 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, Stage, Technology, End-User, 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:

Oil-injected

Oil-Free

By Stage:

Single-Stage

Multi-Stage

By Technology:

Stationary

Portable

By End-User:

Oil & Gas

Chemicals & Petrochemicals

Food & Beverage

Automotive

Power Plants

Mining & Metals

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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