

Air Compressor Market by Type (Portable, Stationary), by Technology (Reciprocating, Rotary, Centrifugal), by Lubrication Type (Oil lubricated, Oil-free) - Global Opportunity Analysis and Industry Forecast, 2014 - 2020

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Abstracts

Air compressors supply and monitor air/gas for various industrial and non-industrial activities. They facilitate the gas transfer process in numerous industries across automobiles, food & beverages, air blast circuits, chemical plants, pharmaceuticals, oil extraction, transport, and many more. The advent of energy efficient air compressors, which are available in portable models, are largely being adopted across numerous industrial activities. The development of recent air compressors, which reduce the maintenance costs, are well received by numerous buyers from different industries. The air contamination due to oil lubrication and noisy operations of oil-free compressors is a major area of concern, limiting the adoption of air compressors. However, efforts from key players in order to develop efficient air compressors, would limit the air contamination and noise generation. With innovations in the technology, air compressors would receive a higher adoption in construction activities, especially in developing countries. The revival of stalled infrastructural projects due to global recession could increase the air compressor adoption in developed countries for the next few years.

The market is segmented on the basis of type, product design, lubrication method, and geography. The type segment includes portable and stationary air compressors. The convenience of portable air compressors is driving its off-site applications. In accordance to the design of products, air compressors are classified among rotary, centrifugal, and reciprocating. The reciprocating air compressors are further analyzed from their subtypes, which include single phase, two phase, rocking piston, and diaphragm. The rotary air compressors are analyzed from their subtypes such as screw, rotary helical and rotary sliding vane. Rotary air compressors are commonly found in heavy industrial applications, whereas centrifugal air compressors are gaining traction due to increasing non-industrial applications. Based on lubrication method, the market is analyzed as oil lubricated and oil-free air compressors. Oil-free air compressors, which supply non-contaminated air, are receiving increased adoption amid industries such as pharmaceuticals, food and beverages, and electronic assembling. In order to gain a diverse insight, the market is analyzed according to different geographies such as North America, Europe, Asia-Pacific, and LAMEA. Numerous companies are identifying product launch, acquisition, and expansion as a measure to excel in the market. Rotary air compressors are gaining increased attention from key market players. Several leading players such as Atlas Copco, Ingersoll Rand, Sulzer Ltd., Mitsubishi Heavy Industries, and Sullair are launching rotary air compressors with new features. Other key players in the market include, Ebara Corp., KPCL, Elgi Equipment Ltd., Kobe Steel, and VMAC.

Air compressor market sidebar.jpg

KEY BENEFITS

This study provides an in-depth analysis of the air compressor market with current and future trends to elucidate the imminent investment pockets in the market

Current and future trends are outlined to determine the overall attractiveness and single out profitable trends to gain a stronger foothold in the market

This report also provides information regarding key drivers, restraints, and opportunities with impact analysis

Quantitative analysis of the current market and estimations through 2013–2020 are provided to highlight the financial caliber of the market

Porter's Five Forces model and a SWOT analysis of the industry illustrates the

potency of the buyers and suppliers participating in the market

Value chain analysis in the report provides a clear understanding of the roles of stakeholders involved in the value chain

MARKET SEGMENTATION

The market is segmented on the basis of type, product design, lubrication, and geography.

MARKET BY TYPE

Portable

Stationary

MARKET BY PRODUCT DESIGN

Reciprocating

Single phase

Two phase

Rocking piston

Diaphragm

Rotary

Screw

Rotary helical

Rotary sliding vane

Centrifugal

MARKET BY LUBRICATION TYPE

Oil lubricated

Oil-free

MARKET BY GEOGRAPHY

North America

Europe

Asia Pacific

LAMEA

KEY PLAYERS

Atlas Copco

Ingersoll Rand

Sulzer Ltd.

Ebara Corp.

KPCL

Sullair

Elgi Equipment Ltd.

Mitsubishi Heavy Industries

Kobe Steel

VMAC

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