

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

Contents

CHAPTER 1 INTRODUCTION

- 1.1 Report Description
- 1.2 Key benefits
- 1.3 Key market segmentation
- 1.4 Research methodology
 - 1.4.1 Secondary research
 - 1.4.2 Primary research
 - 1.4.3 Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 CXO Perspective
- 2.2 Market beyond: what to expect by 2025
 - 2.2.1 Base case scenario
 - 2.2.2 Optimistic scenario
 - 2.2.3 Critical scenario

CHAPTER 3 MARKET OVERVIEW

- 3.1 Market definition and scope
- 3.2 Market trends
 - 3.2.1 Turbocor
 - 3.2.2 Thermoacoustic
- 3.3 Key Findings
 - 3.3.1 Top Factors Impacting the market
 - 3.3.2 Top investment pockets
 - 3.3.3 Top winning strategies
- 3.4 Porters five force analysis
 - 3.4.1 Bargaining power of supplier
 - 3.4.2 Bargaining power of buyer
 - 3.4.3 Threat of substitute
 - 3.4.4 Threat of new entrant
 - 3.4.5 Competition within the industry
- 3.5 Value chain analysis
- 3.6 Market share analysis, 2014
- 3.7 Case studies

3.8 Drivers

- 3.8.1 Energy efficient compressors
- 3.8.2 Multiple fuel options
- 3.8.3 Low maintenance
- 3.8.4 Low environmental hazards caused
- 3.8.5 Portable
- 3.8.6 Variation in pressure supplied

3.9 Restraint

- 3.9.1 Noise pollution
- 3.9.2 Contamination of air
- 3.9.3 Bulky in size

3.10 Opportunities

- 3.10.1 Upcoming technologies
- 3.10.2 Construction industry

CHAPTER 4 WORLD AIR COMPRESSOR MARKET, BY TYPE

4.1 Portable

- 4.1.1 Key market trends
- 4.1.2 Competitive scenario
- 4.1.3 Key growth factors and opportunities
- 4.1.4 Market size and forecast

4.2 Stationary

- 4.2.1 Key market trends
- 4.2.2 Competitive scenario
- 4.2.3 Key growth factors and opportunities
- 4.2.4 Market size and forecast

CHAPTER 5 WORLD AIR COMPRESSOR MARKET, BY TECHNOLOGY

5.1 Reciprocating

- 5.1.1 Key market trends
- 5.1.2 Key growth factors and opportunities
- 5.1.3 Market size and forecast
- 5.1.4 Single stage
- 5.1.5 Two stage
- 5.1.6 Rocking piston type
- 5.1.7 Diaphragm type

5.2 Rotary type

- 5.2.1 Key market trends
- 5.2.2 Key growth factors and opportunities
- 5.2.3 Market Size and Forecast
- 5.2.4 Scroll type
- 5.2.5 Rotary helical screw type
- 5.2.6 Rotary sliding vane type
- 5.3 Centrifugal compressor
 - 5.3.1 Key market trends
 - 5.3.2 Key growth factors and opportunities
 - 5.3.3 Market size and forecast

CHAPTER 6 WORLD AIR COMPRESSOR MARKET, BY LUBRICATION METHOD

- 6.1 Oiled
 - 6.1.1 Key market trends
 - 6.1.2 Competitive scenario
 - 6.1.3 Key growth factors and opportunities
 - 6.1.4 Market size and forecast
- 6.2 Oil-free
 - 6.2.1 Key market trends
 - 6.2.2 Competitive scenario
 - 6.2.3 Key growth factors and opportunities
 - 6.2.4 Market size and forecast

CHAPTER 7 WORLD AIR COMPRESSOR MARKET BY GEOGRAPHY

- 7.1 North America
 - 7.1.1 Key market trends
 - 7.1.2 Competitive Scenario
 - 7.1.3 Key growth factors and opportunities
 - 7.1.4 Market size and forecast
- 7.2 Europe
 - 7.2.1 Key market trends
 - 7.2.2 Competitive Scenario
 - 7.2.3 Key growth factors and opportunities
 - 7.2.4 Market size and forecast
- 7.3 Asia-Pacific
 - 7.3.1 Key market trends
 - 7.3.2 Competitive Scenario

- 7.3.3 Key growth factors and opportunities
- 7.3.4 Market size and forecast
- 7.4 Latin America, Middle East and Africa (LAMEA)
 - 7.4.1 Key market trends
 - 7.4.2 Competitive Scenario
 - 7.4.3 Key growth factors and opportunities
 - 7.4.4 Market size and forecast

CHAPTER 8 COMPANY PROFILE

- 8.1 Atlas Copco
 - 8.1.1 Company overview
 - 8.1.2 Business performance
 - 8.1.3 Key strategies and developments
 - 8.1.3.1 Primary strategy: new product development
 - 8.1.3.2 Secondary strategy: Acquisition, expansion, joint venture & collaborations
 - 8.1.4 SWOT analysis of Atlas Copco
- 8.2 Ingersoll Rand Inc.
 - 8.2.1 Company overviewBusiness performance
 - 8.2.2 Key strategies and developments
 - 8.2.2.1 Primary strategy: New Product Development
 - 8.2.2.2 secondary strategy: Acquisitions and collaborations
 - 8.2.3 SWOT analysis of Ingersoll Rand Inc.
- 8.3 Sulzer Ltd.
 - 8.3.1 Company overview
 - 8.3.2 Business performance
 - 8.3.3 Key strategies and developments
 - 8.3.3.1 Primary strategy: Acquisitions and collaborations
 - 8.3.4 SWOT analysis of Sulzer Ltd.
- 8.4 Kobe steel
 - 8.4.1 Company overview
 - 8.4.2 Business performance
 - 8.4.3 Key strategies and developments
 - 8.4.3.1 Primary strategy: expansion
 - 8.4.3.2 Secondary strategy: Acquisition
 - 8.4.4 SWOT analysis of Kobe steel Ltd.
- 8.5 Ebara Corp.
 - 8.5.1 Company overview
 - 8.5.2 Business performance

- 8.5.3 Key strategies and developments
 - 8.5.3.1 Primary strategy: New Product Development
- 8.5.4 SWOT analysis of Ebara corp.
- 8.6 Mitsubishi Heavy Industries Ltd.
 - 8.6.1 Company overview
 - 8.6.2 Company snapshot
 - 8.6.3 Business performance
 - 8.6.4 Key strategies and developments
 - 8.6.4.1 Primary strategy: product launch and expansion
 - 8.6.5 SWOT analysis of Mitsubishi Heavy Industries Ltd.
- 8.7 Elgi Equipments Ltd.
 - 8.7.1 Company overview
 - 8.7.2 Company snapshot
 - 8.7.3 Business performance
 - 8.7.4 SWOT analysis of Elgi Equipments Ltd.
- 8.8 Kirloskar Pneumatic Company Ltd.
 - 8.8.1 Company overview
 - 8.8.1 Company snapshot
 - 8.8.2 Business performance
 - 8.8.3 Key strategies and developments
 - 8.8.3.1 Primary strategy: Acquisition
 - 8.8.4 SWOT analysis of Kirloskar Pneumatic Company Ltd.
- 8.9 Sullair, LLC
 - 8.9.1 Company overview
 - 8.9.2 Company snapshot
 - 8.9.3 Key strategies and developments
 - 8.9.3.1 Primary strategy: Product launch
 - 8.9.3.2 Secondary strategy: expansion
 - 8.9.4 SWOT analysis of Sullair, LLC
- 8.10 VMAC
 - 8.10.1 Company overview
 - 8.10.2 Company snapshot
 - 8.10.3 Key strategies and developments
 - 8.10.3.1 Primary strategy: Product launch
 - 8.10.4 SWOT analysis of VMAC

List Of Tables

LIST OF TABLES

TABLE 1 WORLD AIR COMPRESSOR MARKET REVENUE BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 2 WORLD AIR COMPRESSOR BASE CASE SCENARIO MARKET REVENUE BY GEOGRAPHY, 2020-2025 (\$MILLION)

TABLE 3 WORLD AIR COMPRESSOR OPTIMISTIC CASE SCENARIO MARKET REVENUE BY GEOGRAPHY, 2020-2025 (\$MILLION)

TABLE 4 WORLD AIR COMPRESSOR CRITICAL CASE SCENARIO MARKET REVENUE BY GEOGRAPHY, 2020-2025 (\$MILLION)

TABLE 5 WORLD AIR COMPRESSOR MARKET BY TYPE, 2014-2020 (\$MILLION)

TABLE 6 WORLD PORTABLE AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 7 WORLD STATIONARY AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 8 WORLD AIR COMPRESSOR MARKET, BY TECHNOLOGY, 2014-2020 (\$MILLION)

TABLE 9 WORLD RECIPROCATING AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 10 WORLD ROTARY AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 11 WORLD CENTRIFUGAL AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 12 COMPARISON BETWEEN OIL LUBRICATED AND OIL-FREE AIR COMPRESSORS

TABLE 13 WORLD AIR COMPRESSOR MARKET BY LUBRICATION METHOD, 2014-2020 (\$MILLION)

TABLE 14 WORLD OIL LUBRICATED AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 15 WORLD OIL-FREE AIR COMPRESSOR MARKET BY GEOGRAPHY, 2014-2020 (\$MILLION)

TABLE 16 NORTH AMERICAN AIR COMPRESSOR MARKET BY TECHNOLOGY, 2014-2020 (\$MILLION)

TABLE 17 EUROPEAN AIR COMPRESSOR MARKET BY TECHNOLOGY, 2014-2020 (\$MILLION)

TABLE 18 ASIA-PACIFIC AIR COMPRESSOR MARKET BY TECHNOLOGY, 2014-2020 (\$MILLION)

TABLE 19 LAMEA AIR COMPRESSOR MARKET BY TECHNOLOGY, 2014-2020
(\$MILLION)

TABLE 20 ATLAS COPCO BUSINESSSNAPSHOT

TABLE 21 INGERSOLL RAND INC. BUSINESSSNAPSHOT

TABLE 22 SNAPSHOT OF SULZER LTD

TABLE 23 SNAPSHOT OF KOBE STEEL, LTD.

TABLE 24 SNAPSHOT OF EBARA CORP

TABLE 25 SNAPSHOT OF MITSUBISHI HEAVY INDUSTRIES LTD.

TABLE 26 SNAPSHOT OF ELGI EQUIPMENTS LTD.

TABLE 27 SNAPSHOT OF KIRLOSKAR PNEUMATIC COMPANY LTD.

TABLE 28 SNAPSHOT OF SULLAIR, LLC

TABLE 29 SNAPSHOT OF VMAC

List Of Figures

LIST OF FIGURES

- FIG. 1 TOP IMPACTING FACTORS, BASE CASE (2020-2025)
- FIG. 2 TOP IMPACTING FACTORS, OPTIMISTIC CASE (2020-2025)
- FIG. 3 TOP IMPACTING FACTORS, CRITICAL CASE (2020-2025)
- FIG. 4 ADVANTAGES OF AIR COMPRESSOR
- FIG. 5 TOP IMPACTING FACTORS
- FIG. 6 TOP INVESTMENT POCKETS
- FIG. 7 TOP WINNING STRATEGIES IN AIR COMPRESSOR MARKET
- FIG. 8 TOP WINNING STRATEGIES IN AIR COMPRESSOR MARKET BY LEADING PLAYERS
- FIG. 9 PORTERS FIVE FORCE ANALYSIS
- FIG. 10 VALUE CHAIN ANALYSIS OF AIR COMPRESSORS MARKET
- FIG. 11 MARKET SHARE ANALYSIS, 2014
- FIG. 12 REVENUE OF ATLAS COPCO, 2012-2014, \$ MILLION
- FIG. 13 REVENUE OF ATLAS COPCO IN PERCENTAGE BY GEOGRAPHY, 2014
- FIG. 14 REVENUE OF ATLAS COPCO IN PERCENTAGE BY SEGMENT, 2014
- FIG. 15 SWOT ANALYSIS OF ATLAS COPCO
- FIG. 16 REVENUE OF INGERSOLL RAND INC., 2012-2014, \$ MILLION
- FIG. 17 REVENUE OF INGERSOLL RAND INC. IN PERCENTAGE BY GEOGRAPHY 2014
- FIG. 18 REVENUE OF INGERSOLL RAND INC. IN PERCENTAGE BY SEGMENT, 2014
- FIG. 19 SWOT ANALYSIS OF INGERSOLL RAND INC.
- FIG. 20 REVENUE OF SULZER LTD., 2012-2014, \$ MILLION
- FIG. 21 REVENUE OF SULZER LTD. IN PERCENTAGE BY GEOGRAPHY, 2014
- FIG. 22 REVENUE OF SULZER LTD. IN PERCENTAGE BY SEGMENT, 2014
- FIG. 23 SWOT ANALYSIS OF ATLAS COPCO
- FIG. 24 NET SALES OF KOBE STEEL, LTD., 2013-2015, \$ MILLION
- FIG. 25 NET SALES OF KOBE STEEL, LTD. IN PERCENTAGE BY GEOGRAPHY, 2014
- FIG. 26 NET SALES OF KOBE STEEL, LTD. IN PERCENTAGE BY SEGMENT, 2014
- FIG. 27 SWOT ANALYSIS OF KOBE STEEL LTD.
- FIG. 28 NET SALES OF EBARA CORP., 2012-2014, \$ MILLION
- FIG. 29 NET SALES OF EBARA CORP. IN PERCENTAGE BY GEOGRAPHY, 2014
- FIG. 30 NET SALES OF EBARA CORP. IN PERCENTAGE BY SEGMENT, 2014
- FIG. 31 SWOT ANALYSIS OF EBARA CORP.

FIG. 32 NET SALES OF MITSUBISHI HEAVY INDUSTRIES LTD., 2013-2015, \$ MILLION

FIG. 33 NET SALES OF MITSUBISHI HEAVY INDUSTRIES LTD. IN PERCENTAGE BY GEOGRAPHY, 2014

FIG. 34 NET SALES OF MITSUBISHI HEAVY INDUSTRIES LTD. IN PERCENTAGE BY SEGMENT, 2014

FIG. 35 SWOT ANALYSIS OF MITSUBISHI HEAVY INDUSTRIES LTD.

FIG. 36 NET SALES OF ELGI EQUIPMENTS LTD., 2012-2014, \$ MILLION

FIG. 37 NET SALES OF ELGI EQUIPMENTS LTD. IN PERCENTAGE BY SEGMENT, 2014

FIG. 38 SWOT ANALYSIS OF ELGI EQUIPMENTS LTD.

FIG. 39 REVENUE OF KIRLOSKAR PNEUMATIC COMPANY LTD. (2013-2015)

FIG. 40 REVENUE OF KIRLOSKAR PNEUMATIC COMPANY LTD. IN PERCENTAGE BY GEOGRAPHY, 2015

FIG. 41 REVENUE OF KIRLOSKAR PNEUMATIC COMPANY LTD. IN PERCENTAGE BY SEGMENT, 2015

FIG. 42 SWOT ANALYSIS OF KIRLOSKAR PNEUMATIC COMPANY LTD.

FIG. 43 SWOT ANALYSIS OF SULLAIR, LLC

FIG. 44 SWOT ANALYSIS OF VMAC

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