

Global Vacuum (Pumps & Valves) Market: Industry Analysis & Outlook (2017-2021)

<https://marketpublishers.com/r/G6F8D86B858EN.html>

Date: October 2017

Pages: 68

Price: US\$ 800.00 (Single User License)

ID: G6F8D86B858EN

Abstracts

A vacuum is defined colloquially as the state encountered in a room at pressures below atmospheric pressure. These pressures can be generated by gases or vapors that are evenly distributed over the room. In simple term, vacuum systems help in creating vacuum inside the sealed container.

In vacuum technology, all processes and physical measurements carried out under conditions of below-normal atmospheric pressure. Vacuum is a key enabling technology in various industries, most notably semiconductor and is gaining further importance with the move to smaller chips. Demand for vacuum products is expected to flourish as there is a requirement for more particle-free environments, as well as more demand for vacuum-based measurement tools that enhance yield for semiconductor fab operators.

The global vacuum market is set to experience favorable growth driven by factors such as growing semiconductor industry, rising IP traffic, increasing installation of solar PV capacity, increased application in oil & gas industry and accelerating economic development. The major trends observed in this market include technological advancements, evolving 3D NAND technology, increasing OLED capacity, growing miniaturization of chips and increasing vacuum based processing steps. However, the growth of this budding market is constrained by challenges such as higher barriers to entry and stringent regulations.

The report "Global Vacuum (Pumps & Valves) Market: Industry Analysis & Outlook (2017-2021)" analyses the development of this market. The major trends, growth drivers as well as issues being faced by the market are discussed in detail in this report. The four major players: Atlas Copco Group, Ebara Corporation, Pfeiffer Vacuum Technology AG and Shimadzu Corporation are being profiled along with their key

financials and strategies for growth. The report contains a comprehensive analysis of the global Vacuum (Pumps & Valves) market.

Contents

1. OVERVIEW

- 1.1 Introduction
- 1.2 Vacuum Products
- 1.3 Key Applications

2. GLOBAL VACUUM MARKET

- 2.1 Global Vacuum Market by Value
- 2.2 Global Vacuum Market Forecast by Value
- 2.3 Global Vacuum Market by Product
 - 2.3.1 Global Vacuum Pumps Market Forecast by Value
 - 2.3.2 Global Vacuum Valves Market Forecast by Value
- 2.4 Global Vacuum Market by End User Segments
 - 2.4.1 Global Semiconductor Vacuum Market by Value
 - 2.4.2 Global Semiconductor Vacuum Market Forecast by Value
 - 2.4.3 Global Industrial Vacuum Market by Value
 - 2.4.4 Global Industrial Vacuum Market Forecast by Value
 - 2.4.5 Global Process Vacuum Market by Value
 - 2.4.6 Global Process Vacuum Market Forecast by Value
 - 2.4.7 Global Thin Film Deposition Vacuum Market by Value
 - 2.4.8 Global Thin Film Deposition Vacuum Market Forecast by Value

3. MARKET DYNAMICS

- 3.1 Growth Drivers
 - 3.1.1 Growing Semiconductor Industry
 - 3.1.2 Rising IP Traffic
 - 3.1.3 Increasing Installation of Solar PV Capacity
 - 3.1.4 Internet of Things (IOT) Opportunity
 - 3.1.5 Accelerating Economic Development
 - 3.1.6 Increased Application in Oil & Gas Industry
- 3.2 Key Trends & Developments
 - 3.2.1 Increasing Vacuum Based Processing Steps
 - 3.2.2 Evolving 3D NAND Technology
 - 3.2.3 Increasing OLED Capacity
 - 3.2.4 Technological Advancements

3.2.5 Miniaturization of Chips

3.3 Challenges

3.3.1 High Barriers to Entry

3.3.2 Stringent Regulations

4. COMPETITIVE LANDSCAPE

4.1 Global Market

4.1.1 Revenue Comparison of Key Companies

4.1.2 Market Cap Comparison of Key Companies

4.1.3 Global Vacuum Market Share by Company

4.1.4 Global Vacuum Market Share by End-Markets

5. COMPANY PROFILES

5.1 Atlas Copco Group

5.1.1 Business Overview

5.1.2 Financial Overview

5.1.3 Business Strategies

5.2 Ebara Corporation

5.2.1 Business Overview

5.2.2 Financial Overview

5.2.3 Business Strategies

5.3 Pfeiffer Vacuum Technology AG

5.3.1 Business Overview

5.3.2 Financial Overview

5.3.3 Business Strategies

5.4 Shimadzu Corporation

5.4.1 Business Overview

5.4.2 Financial Overview

5.4.3 Business Strategies

List Of Charts

LIST OF CHARTS

Types of Vacuum Products

Key Applications of Vacuum

Global Vacuum Market by Value (2012-2016)

Global Vacuum Market Forecast by Value (2017-2021)

Global Vacuum Market by Product (2016)

Global Vacuum Pumps Market Forecast by Value (2016-2021)

Global Vacuum Valves Market Forecast by Value (2016-2021)

Global Vacuum Market by End User Segments (2016)

Global Semiconductor Vacuum Market by Value (2012-2016)

Global Semiconductor Vacuum Market Forecast by Value (2017-2021)

Global Industrial Vacuum Market by Value (2012-2016)

Global Industrial Vacuum Market Forecast by Value (2017-2021)

Global Process Vacuum Market by Value (2012-2016)

Global Process Vacuum Market Forecast by Value (2017-2021)

Global Thin Film Vacuum Market by Value (2012-2016)

Global Thin Film Vacuum Market Forecast by Value (2017-2021)

Global Semiconductor Market by Value (2012-2017E)

Global IP Traffic Forecast (2016-2021)

Global Installed Solar PV Capacity (2012-2016)

Internet of Things (IOT) Number of Connected Devices Worldwide (2012-2016)

Global GDP Per Capita (2012-2016)

Processing Steps in a Chip (2012-2016)

Global 3D NAND Capacity Forecast (2016-2021)

Global OLED Panel Capacity Forecast (2016-2021)

Revenue Comparison of Key Companies (2016)

Global Vacuum Market Share by Company (2016)

Global Vacuum Market Share by End Markets (2016)

Atlas Copco Group Revenue by Segment (2016)

Atlas Copco Group Revenue and Net Profit (2012-2016)

Atlas Copco Research and Development Expenditure (2014-2016)

Ebara Corporation Sales by Segment (2017*)

Ebara Corporation Net Sales and Net Profit (2013-2017*)

Ebara Corporation Research and Development Expenditure (2015-2017*)

Pfeiffer Vacuum Technology AG Sales by Region (2016)

Pfeiffer Vacuum Technology AG Sales and Net Income (2012-2016)

Pfeiffer Vacuum Technology AG R&D Expenditure (2014-2016)

Shimadzu Corporation Sales by Segment (2017*)

Shimadzu Corporation Net Sales and Net Income (2013-2017*)

List Of Tables

LIST OF TABLES

Market Cap Comparison of Key Companies (2016)
Atlas Copco Group Agreements (2017)

I would like to order

Product name: Global Vacuum (Pumps & Valves) Market: Industry Analysis & Outlook (2017-2021)

Product link: <https://marketpublishers.com/r/G6F8D86B858EN.html>

Price: US\$ 800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6F8D86B858EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970