

# Global Vacuum End Effectors Market Insights, Forecast to 2029

<https://marketpublishers.com/r/G36024FEA8FBEN.html>

Date: November 2023

Pages: 106

Price: US\$ 4,900.00 (Single User License)

ID: G36024FEA8FBEN

## Abstracts

This report presents an overview of global market for Vacuum End Effectors, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue/sales data for 2018 - 2022, estimates for 2023, and projections of CAGR through 2029.

This report researches the key producers of Vacuum End Effectors, also provides the consumption of main regions and countries. Highlights of the upcoming market potential for Vacuum End Effectors, and key regions/countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Vacuum End Effectors sales, revenue, market share and industry ranking of main manufacturers, data from 2018 to 2023. Identification of the major stakeholders in the global Vacuum End Effectors market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2018 to 2029. Evaluation and forecast the market size for Vacuum End Effectors sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Schmalz, COVAL

VACUUM TECHNOLOGY INC., mechatronic systemtechnik GmbH, Robotiq, OnRobot A/S, Okura, Nidec (Genmark Automation), JEL Corporation and Kensington Laboratories, etc.

## By Company

Schmalz

COVAL VACUUM TECHNOLOGY INC.

mechatronic systemtechnik GmbH

Robotiq

OnRobot A/S

Okura

Nidec (Genmark Automation)

JEL Corporation

Kensington Laboratories

Innovative Robotics

isel Germany AG

CoreFlow

## Segment by Type

Flat Suction Pads

Bellows Suction Pads

## Segment by Application

Industrial Robots (Delta, Scara and articulated robots)

Semiconductor & FPD Robots

### Production by Region

North America

Europe

China

Japan

### Sales by Region

US & Canada

U.S.

Canada

China

Asia (excluding China)

Japan

South Korea

China Taiwan

Southeast Asia

India

Europe

Germany

France

U.K.

Italy

Russia

Middle East, Africa, Latin America

Brazil

Mexico

Turkey

Israel

GCC Countries

## Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by Type and by Application, etc.), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Vacuum End Effectors production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production and development potential of each producer in the next six years.

Chapter 3: Sales (consumption), revenue of Vacuum End Effectors in global, regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market

development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of Vacuum End Effectors manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: North America (US & Canada) by type, by application and by country, sales and revenue for each segment.

Chapter 8: Europe by type, by application and by country, sales and revenue for each segment.

Chapter 9: China by type and by application sales and revenue for each segment.

Chapter 10: Asia (excluding China) by type, by application and by region, sales and revenue for each segment.

Chapter 11: Middle East, Africa, Latin America by type, by application and by country, sales and revenue for each segment.

Chapter 12: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Vacuum End Effectors sales, revenue, price, gross margin, and recent development, etc.

Chapter 13: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 14: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by

manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 15: The main points and conclusions of the report.

## Contents

### 1 STUDY COVERAGE

- 1.1 Vacuum End Effectors Product Introduction
- 1.2 Market by Type
  - 1.2.1 Global Vacuum End Effectors Market Size by Type, 2018 VS 2022 VS 2029
  - 1.2.2 Flat Suction Pads
  - 1.2.3 Bellows Suction Pads
- 1.3 Market by Application
  - 1.3.1 Global Vacuum End Effectors Market Size by Application, 2018 VS 2022 VS 2029
  - 1.3.2 Industrial Robots (Delta, Scara and articulated robots)
  - 1.3.3 Semiconductor & FPD Robots
- 1.4 Assumptions and Limitations
- 1.5 Study Objectives
- 1.6 Years Considered

### 2 GLOBAL VACUUM END EFFECTORS PRODUCTION

- 2.1 Global Vacuum End Effectors Production Capacity (2018-2029)
- 2.2 Global Vacuum End Effectors Production by Region: 2018 VS 2022 VS 2029
- 2.3 Global Vacuum End Effectors Production by Region
  - 2.3.1 Global Vacuum End Effectors Historic Production by Region (2018-2023)
  - 2.3.2 Global Vacuum End Effectors Forecasted Production by Region (2024-2029)
  - 2.3.3 Global Vacuum End Effectors Production Market Share by Region (2018-2029)
- 2.4 North America
- 2.5 Europe
- 2.6 China
- 2.7 Japan

### 3 EXECUTIVE SUMMARY

- 3.1 Global Vacuum End Effectors Revenue Estimates and Forecasts 2018-2029
- 3.2 Global Vacuum End Effectors Revenue by Region
  - 3.2.1 Global Vacuum End Effectors Revenue by Region: 2018 VS 2022 VS 2029
  - 3.2.2 Global Vacuum End Effectors Revenue by Region (2018-2023)
  - 3.2.3 Global Vacuum End Effectors Revenue by Region (2024-2029)
  - 3.2.4 Global Vacuum End Effectors Revenue Market Share by Region (2018-2029)

- 3.3 Global Vacuum End Effectors Sales Estimates and Forecasts 2018-2029
- 3.4 Global Vacuum End Effectors Sales by Region
  - 3.4.1 Global Vacuum End Effectors Sales by Region: 2018 VS 2022 VS 2029
  - 3.4.2 Global Vacuum End Effectors Sales by Region (2018-2023)
  - 3.4.3 Global Vacuum End Effectors Sales by Region (2024-2029)
  - 3.4.4 Global Vacuum End Effectors Sales Market Share by Region (2018-2029)
- 3.5 US & Canada
- 3.6 Europe
- 3.7 China
- 3.8 Asia (excluding China)
- 3.9 Middle East, Africa and Latin America

## **4 COMPETITION BY MANUFACTURES**

- 4.1 Global Vacuum End Effectors Sales by Manufacturers
  - 4.1.1 Global Vacuum End Effectors Sales by Manufacturers (2018-2023)
  - 4.1.2 Global Vacuum End Effectors Sales Market Share by Manufacturers (2018-2023)
  - 4.1.3 Global Top 10 and Top 5 Largest Manufacturers of Vacuum End Effectors in 2022
- 4.2 Global Vacuum End Effectors Revenue by Manufacturers
  - 4.2.1 Global Vacuum End Effectors Revenue by Manufacturers (2018-2023)
  - 4.2.2 Global Vacuum End Effectors Revenue Market Share by Manufacturers (2018-2023)
  - 4.2.3 Global Top 10 and Top 5 Companies by Vacuum End Effectors Revenue in 2022
- 4.3 Global Vacuum End Effectors Sales Price by Manufacturers
- 4.4 Global Key Players of Vacuum End Effectors, Industry Ranking, 2021 VS 2022 VS 2023
- 4.5 Analysis of Competitive Landscape
  - 4.5.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
  - 4.5.2 Global Vacuum End Effectors Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 4.6 Global Key Manufacturers of Vacuum End Effectors, Manufacturing Base Distribution and Headquarters
- 4.7 Global Key Manufacturers of Vacuum End Effectors, Product Offered and Application
- 4.8 Global Key Manufacturers of Vacuum End Effectors, Date of Enter into This Industry
- 4.9 Mergers & Acquisitions, Expansion Plans

## **5 MARKET SIZE BY TYPE**



## 5.1 Global Vacuum End Effectors Sales by Type

- 5.1.1 Global Vacuum End Effectors Historical Sales by Type (2018-2023)
- 5.1.2 Global Vacuum End Effectors Forecasted Sales by Type (2024-2029)
- 5.1.3 Global Vacuum End Effectors Sales Market Share by Type (2018-2029)

## 5.2 Global Vacuum End Effectors Revenue by Type

- 5.2.1 Global Vacuum End Effectors Historical Revenue by Type (2018-2023)
- 5.2.2 Global Vacuum End Effectors Forecasted Revenue by Type (2024-2029)
- 5.2.3 Global Vacuum End Effectors Revenue Market Share by Type (2018-2029)

## 5.3 Global Vacuum End Effectors Price by Type

- 5.3.1 Global Vacuum End Effectors Price by Type (2018-2023)
- 5.3.2 Global Vacuum End Effectors Price Forecast by Type (2024-2029)

## 6 MARKET SIZE BY APPLICATION

### 6.1 Global Vacuum End Effectors Sales by Application

- 6.1.1 Global Vacuum End Effectors Historical Sales by Application (2018-2023)
- 6.1.2 Global Vacuum End Effectors Forecasted Sales by Application (2024-2029)
- 6.1.3 Global Vacuum End Effectors Sales Market Share by Application (2018-2029)

### 6.2 Global Vacuum End Effectors Revenue by Application

- 6.2.1 Global Vacuum End Effectors Historical Revenue by Application (2018-2023)
- 6.2.2 Global Vacuum End Effectors Forecasted Revenue by Application (2024-2029)
- 6.2.3 Global Vacuum End Effectors Revenue Market Share by Application (2018-2029)

### 6.3 Global Vacuum End Effectors Price by Application

- 6.3.1 Global Vacuum End Effectors Price by Application (2018-2023)
- 6.3.2 Global Vacuum End Effectors Price Forecast by Application (2024-2029)

## 7 US & CANADA

### 7.1 US & Canada Vacuum End Effectors Market Size by Type

- 7.1.1 US & Canada Vacuum End Effectors Sales by Type (2018-2029)
- 7.1.2 US & Canada Vacuum End Effectors Revenue by Type (2018-2029)

### 7.2 US & Canada Vacuum End Effectors Market Size by Application

- 7.2.1 US & Canada Vacuum End Effectors Sales by Application (2018-2029)
- 7.2.2 US & Canada Vacuum End Effectors Revenue by Application (2018-2029)

### 7.3 US & Canada Vacuum End Effectors Sales by Country

- 7.3.1 US & Canada Vacuum End Effectors Revenue by Country: 2018 VS 2022 VS 2029
- 7.3.2 US & Canada Vacuum End Effectors Sales by Country (2018-2029)

7.3.3 US & Canada Vacuum End Effectors Revenue by Country (2018-2029)

7.3.4 United States

7.3.5 Canada

## **8 EUROPE**

8.1 Europe Vacuum End Effectors Market Size by Type

8.1.1 Europe Vacuum End Effectors Sales by Type (2018-2029)

8.1.2 Europe Vacuum End Effectors Revenue by Type (2018-2029)

8.2 Europe Vacuum End Effectors Market Size by Application

8.2.1 Europe Vacuum End Effectors Sales by Application (2018-2029)

8.2.2 Europe Vacuum End Effectors Revenue by Application (2018-2029)

8.3 Europe Vacuum End Effectors Sales by Country

8.3.1 Europe Vacuum End Effectors Revenue by Country: 2018 VS 2022 VS 2029

8.3.2 Europe Vacuum End Effectors Sales by Country (2018-2029)

8.3.3 Europe Vacuum End Effectors Revenue by Country (2018-2029)

8.3.4 Germany

8.3.5 France

8.3.6 U.K.

8.3.7 Italy

8.3.8 Russia

## **9 CHINA**

9.1 China Vacuum End Effectors Market Size by Type

9.1.1 China Vacuum End Effectors Sales by Type (2018-2029)

9.1.2 China Vacuum End Effectors Revenue by Type (2018-2029)

9.2 China Vacuum End Effectors Market Size by Application

9.2.1 China Vacuum End Effectors Sales by Application (2018-2029)

9.2.2 China Vacuum End Effectors Revenue by Application (2018-2029)

## **10 ASIA (EXCLUDING CHINA)**

10.1 Asia Vacuum End Effectors Market Size by Type

10.1.1 Asia Vacuum End Effectors Sales by Type (2018-2029)

10.1.2 Asia Vacuum End Effectors Revenue by Type (2018-2029)

10.2 Asia Vacuum End Effectors Market Size by Application

10.2.1 Asia Vacuum End Effectors Sales by Application (2018-2029)

10.2.2 Asia Vacuum End Effectors Revenue by Application (2018-2029)

## 10.3 Asia Vacuum End Effectors Sales by Region

10.3.1 Asia Vacuum End Effectors Revenue by Region: 2018 VS 2022 VS 2029

10.3.2 Asia Vacuum End Effectors Revenue by Region (2018-2029)

10.3.3 Asia Vacuum End Effectors Sales by Region (2018-2029)

10.3.4 Japan

10.3.5 South Korea

10.3.6 China Taiwan

10.3.7 Southeast Asia

10.3.8 India

## 11 MIDDLE EAST, AFRICA AND LATIN AMERICA

11.1 Middle East, Africa and Latin America Vacuum End Effectors Market Size by Type

11.1.1 Middle East, Africa and Latin America Vacuum End Effectors Sales by Type (2018-2029)

11.1.2 Middle East, Africa and Latin America Vacuum End Effectors Revenue by Type (2018-2029)

11.2 Middle East, Africa and Latin America Vacuum End Effectors Market Size by Application

11.2.1 Middle East, Africa and Latin America Vacuum End Effectors Sales by Application (2018-2029)

11.2.2 Middle East, Africa and Latin America Vacuum End Effectors Revenue by Application (2018-2029)

11.3 Middle East, Africa and Latin America Vacuum End Effectors Sales by Country

11.3.1 Middle East, Africa and Latin America Vacuum End Effectors Revenue by Country: 2018 VS 2022 VS 2029

11.3.2 Middle East, Africa and Latin America Vacuum End Effectors Revenue by Country (2018-2029)

11.3.3 Middle East, Africa and Latin America Vacuum End Effectors Sales by Country (2018-2029)

11.3.4 Brazil

11.3.5 Mexico

11.3.6 Turkey

11.3.7 Israel

11.3.8 GCC Countries

## 12 CORPORATE PROFILES

12.1 Schmalz

- 12.1.1 Schmalz Company Information
- 12.1.2 Schmalz Overview
- 12.1.3 Schmalz Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.1.4 Schmalz Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
- 12.1.5 Schmalz Recent Developments
- 12.2 COVAL VACUUM TECHNOLOGY INC.
  - 12.2.1 COVAL VACUUM TECHNOLOGY INC. Company Information
  - 12.2.2 COVAL VACUUM TECHNOLOGY INC. Overview
  - 12.2.3 COVAL VACUUM TECHNOLOGY INC. Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.2.4 COVAL VACUUM TECHNOLOGY INC. Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.2.5 COVAL VACUUM TECHNOLOGY INC. Recent Developments
- 12.3 mechatronic systemtechnik GmbH
  - 12.3.1 mechatronic systemtechnik GmbH Company Information
  - 12.3.2 mechatronic systemtechnik GmbH Overview
  - 12.3.3 mechatronic systemtechnik GmbH Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.3.4 mechatronic systemtechnik GmbH Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.3.5 mechatronic systemtechnik GmbH Recent Developments
- 12.4 Robotiq
  - 12.4.1 Robotiq Company Information
  - 12.4.2 Robotiq Overview
  - 12.4.3 Robotiq Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.4.4 Robotiq Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.4.5 Robotiq Recent Developments
- 12.5 OnRobot A/S
  - 12.5.1 OnRobot A/S Company Information
  - 12.5.2 OnRobot A/S Overview
  - 12.5.3 OnRobot A/S Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.5.4 OnRobot A/S Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.5.5 OnRobot A/S Recent Developments

## 12.6 Okura

12.6.1 Okura Company Information

12.6.2 Okura Overview

12.6.3 Okura Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)

12.6.4 Okura Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

12.6.5 Okura Recent Developments

## 12.7 Nidec (Genmark Automation)

12.7.1 Nidec (Genmark Automation) Company Information

12.7.2 Nidec (Genmark Automation) Overview

12.7.3 Nidec (Genmark Automation) Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)

12.7.4 Nidec (Genmark Automation) Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

12.7.5 Nidec (Genmark Automation) Recent Developments

## 12.8 JEL Corporation

12.8.1 JEL Corporation Company Information

12.8.2 JEL Corporation Overview

12.8.3 JEL Corporation Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)

12.8.4 JEL Corporation Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

12.8.5 JEL Corporation Recent Developments

## 12.9 Kensington Laboratories

12.9.1 Kensington Laboratories Company Information

12.9.2 Kensington Laboratories Overview

12.9.3 Kensington Laboratories Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)

12.9.4 Kensington Laboratories Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

12.9.5 Kensington Laboratories Recent Developments

## 12.10 Innovative Robotics

12.10.1 Innovative Robotics Company Information

12.10.2 Innovative Robotics Overview

12.10.3 Innovative Robotics Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)

12.10.4 Innovative Robotics Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

- 12.10.5 Innovative Robotics Recent Developments
- 12.11 isel Germany AG
  - 12.11.1 isel Germany AG Company Information
  - 12.11.2 isel Germany AG Overview
  - 12.11.3 isel Germany AG Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.11.4 isel Germany AG Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.11.5 isel Germany AG Recent Developments
- 12.12 CoreFlow
  - 12.12.1 CoreFlow Company Information
  - 12.12.2 CoreFlow Overview
  - 12.12.3 CoreFlow Vacuum End Effectors Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.12.4 CoreFlow Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.12.5 CoreFlow Recent Developments

## **13 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 13.1 Vacuum End Effectors Industry Chain Analysis
- 13.2 Vacuum End Effectors Key Raw Materials
  - 13.2.1 Key Raw Materials
  - 13.2.2 Raw Materials Key Suppliers
- 13.3 Vacuum End Effectors Production Mode & Process
- 13.4 Vacuum End Effectors Sales and Marketing
  - 13.4.1 Vacuum End Effectors Sales Channels
  - 13.4.2 Vacuum End Effectors Distributors
- 13.5 Vacuum End Effectors Customers

## **14 VACUUM END EFFECTORS MARKET DYNAMICS**

- 14.1 Vacuum End Effectors Industry Trends
- 14.2 Vacuum End Effectors Market Drivers
- 14.3 Vacuum End Effectors Market Challenges
- 14.4 Vacuum End Effectors Market Restraints

## **15 KEY FINDING IN THE GLOBAL VACUUM END EFFECTORS STUDY**

## **16 APPENDIX**

### 16.1 Research Methodology

#### 16.1.1 Methodology/Research Approach

#### 16.1.2 Data Source

### 16.2 Author Details

### 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Vacuum End Effectors Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)

Table 2. Major Manufacturers of Flat Suction Pads

Table 3. Major Manufacturers of Bellows Suction Pads

Table 4. Global Vacuum End Effectors Market Size Growth Rate by Application, 2018 VS 2022 VS 2029 (US\$ Million)

Table 5. Global Vacuum End Effectors Production by Region: 2018 VS 2022 VS 2029 (Units)

Table 6. Global Vacuum End Effectors Production by Region (2018-2023) & (Units)

Table 7. Global Vacuum End Effectors Production by Region (2024-2029) & (Units)

Table 8. Global Vacuum End Effectors Production Market Share by Region (2018-2023)

Table 9. Global Vacuum End Effectors Production Market Share by Region (2024-2029)

Table 10. Global Vacuum End Effectors Revenue Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 11. Global Vacuum End Effectors Revenue by Region (2018-2023) & (US\$ Million)

Table 12. Global Vacuum End Effectors Revenue by Region (2024-2029) & (US\$ Million)

Table 13. Global Vacuum End Effectors Revenue Market Share by Region (2018-2023)

Table 14. Global Vacuum End Effectors Revenue Market Share by Region (2024-2029)

Table 15. Global Vacuum End Effectors Sales Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Vacuum End Effectors Sales by Region (2018-2023) & (Units)

Table 17. Global Vacuum End Effectors Sales by Region (2024-2029) & (Units)

Table 18. Global Vacuum End Effectors Sales Market Share by Region (2018-2023)

Table 19. Global Vacuum End Effectors Sales Market Share by Region (2024-2029)

Table 20. Global Vacuum End Effectors Sales by Manufacturers (2018-2023) & (Units)

Table 21. Global Vacuum End Effectors Sales Share by Manufacturers (2018-2023)

Table 22. Global Vacuum End Effectors Revenue by Manufacturers (2018-2023) & (US\$ Million)

Table 23. Global Vacuum End Effectors Revenue Share by Manufacturers (2018-2023)

Table 24. Vacuum End Effectors Price by Manufacturers 2018-2023 (US\$/Unit)

Table 25. Global Key Players of Vacuum End Effectors, Industry Ranking, 2021 VS 2022 VS 2023

Table 26. Global Vacuum End Effectors Manufacturers Market Concentration Ratio



(CR5 and HHI)

Table 27. Global Vacuum End Effectors by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Vacuum End Effectors as of 2022)

Table 28. Global Key Manufacturers of Vacuum End Effectors, Manufacturing Base Distribution and Headquarters

Table 29. Global Key Manufacturers of Vacuum End Effectors, Product Offered and Application

Table 30. Global Key Manufacturers of Vacuum End Effectors, Date of Enter into This Industry

Table 31. Mergers & Acquisitions, Expansion Plans

Table 32. Global Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 33. Global Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 34. Global Vacuum End Effectors Sales Share by Type (2018-2023)

Table 35. Global Vacuum End Effectors Sales Share by Type (2024-2029)

Table 36. Global Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 37. Global Vacuum End Effectors Revenue by Type (2024-2029) & (US\$ Million)

Table 38. Global Vacuum End Effectors Revenue Share by Type (2018-2023)

Table 39. Global Vacuum End Effectors Revenue Share by Type (2024-2029)

Table 40. Vacuum End Effectors Price by Type (2018-2023) & (US\$/Unit)

Table 41. Global Vacuum End Effectors Price Forecast by Type (2024-2029) & (US\$/Unit)

Table 42. Global Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 43. Global Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 44. Global Vacuum End Effectors Sales Share by Application (2018-2023)

Table 45. Global Vacuum End Effectors Sales Share by Application (2024-2029)

Table 46. Global Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 47. Global Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 48. Global Vacuum End Effectors Revenue Share by Application (2018-2023)

Table 49. Global Vacuum End Effectors Revenue Share by Application (2024-2029)

Table 50. Vacuum End Effectors Price by Application (2018-2023) & (US\$/Unit)

Table 51. Global Vacuum End Effectors Price Forecast by Application (2024-2029) & (US\$/Unit)

Table 52. US & Canada Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 53. US & Canada Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 54. US & Canada Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 55. US & Canada Vacuum End Effectors Revenue by Type (2024-2029) & (US\$

Million)

Table 56. US & Canada Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 57. US & Canada Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 58. US & Canada Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 59. US & Canada Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 60. US & Canada Vacuum End Effectors Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 61. US & Canada Vacuum End Effectors Revenue by Country (2018-2023) & (US\$ Million)

Table 62. US & Canada Vacuum End Effectors Revenue by Country (2024-2029) & (US\$ Million)

Table 63. US & Canada Vacuum End Effectors Sales by Country (2018-2023) & (Units)

Table 64. US & Canada Vacuum End Effectors Sales by Country (2024-2029) & (Units)

Table 65. Europe Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 66. Europe Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 67. Europe Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 68. Europe Vacuum End Effectors Revenue by Type (2024-2029) & (US\$ Million)

Table 69. Europe Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 70. Europe Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 71. Europe Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 72. Europe Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 73. Europe Vacuum End Effectors Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 74. Europe Vacuum End Effectors Revenue by Country (2018-2023) & (US\$ Million)

Table 75. Europe Vacuum End Effectors Revenue by Country (2024-2029) & (US\$ Million)

Table 76. Europe Vacuum End Effectors Sales by Country (2018-2023) & (Units)

Table 77. Europe Vacuum End Effectors Sales by Country (2024-2029) & (Units)

Table 78. China Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 79. China Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 80. China Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 81. China Vacuum End Effectors Revenue by Type (2024-2029) & (US\$ Million)

Table 82. China Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 83. China Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 84. China Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 85. China Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 86. Asia Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 87. Asia Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 88. Asia Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 89. Asia Vacuum End Effectors Revenue by Type (2024-2029) & (US\$ Million)

Table 90. Asia Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 91. Asia Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 92. Asia Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 93. Asia Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 94. Asia Vacuum End Effectors Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 95. Asia Vacuum End Effectors Revenue by Region (2018-2023) & (US\$ Million)

Table 96. Asia Vacuum End Effectors Revenue by Region (2024-2029) & (US\$ Million)

Table 97. Asia Vacuum End Effectors Sales by Region (2018-2023) & (Units)

Table 98. Asia Vacuum End Effectors Sales by Region (2024-2029) & (Units)

Table 99. Middle East, Africa and Latin America Vacuum End Effectors Sales by Type (2018-2023) & (Units)

Table 100. Middle East, Africa and Latin America Vacuum End Effectors Sales by Type (2024-2029) & (Units)

Table 101. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Type (2018-2023) & (US\$ Million)

Table 102. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Type (2024-2029) & (US\$ Million)

Table 103. Middle East, Africa and Latin America Vacuum End Effectors Sales by Application (2018-2023) & (Units)

Table 104. Middle East, Africa and Latin America Vacuum End Effectors Sales by Application (2024-2029) & (Units)

Table 105. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Application (2018-2023) & (US\$ Million)

Table 106. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Application (2024-2029) & (US\$ Million)

Table 107. Middle East, Africa and Latin America Vacuum End Effectors Revenue Grow

Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 108. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Country (2018-2023) & (US\$ Million)

Table 109. Middle East, Africa and Latin America Vacuum End Effectors Revenue by Country (2024-2029) & (US\$ Million)

Table 110. Middle East, Africa and Latin America Vacuum End Effectors Sales by Country (2018-2023) & (Units)

Table 111. Middle East, Africa and Latin America Vacuum End Effectors Sales by Country (2024-2029) & (Units)

Table 112. Schmalz Company Information

Table 113. Schmalz Description and Major Businesses

Table 114. Schmalz Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 115. Schmalz Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 116. Schmalz Recent Development

Table 117. COVAL VACUUM TECHNOLOGY INC. Company Information

Table 118. COVAL VACUUM TECHNOLOGY INC. Description and Major Businesses

Table 119. COVAL VACUUM TECHNOLOGY INC. Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 120. COVAL VACUUM TECHNOLOGY INC. Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 121. COVAL VACUUM TECHNOLOGY INC. Recent Development

Table 122. mechatronic systemtechnik GmbH Company Information

Table 123. mechatronic systemtechnik GmbH Description and Major Businesses

Table 124. mechatronic systemtechnik GmbH Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 125. mechatronic systemtechnik GmbH Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 126. mechatronic systemtechnik GmbH Recent Development

Table 127. Robotiq Company Information

Table 128. Robotiq Description and Major Businesses

Table 129. Robotiq Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 130. Robotiq Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 131. Robotiq Recent Development

Table 132. OnRobot A/S Company Information

Table 133. OnRobot A/S Description and Major Businesses

Table 134. OnRobot A/S Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 135. OnRobot A/S Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 136. OnRobot A/S Recent Development

Table 137. Okura Company Information

Table 138. Okura Description and Major Businesses

Table 139. Okura Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 140. Okura Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 141. Okura Recent Development

Table 142. Nidec (Genmark Automation) Company Information

Table 143. Nidec (Genmark Automation) Description and Major Businesses

Table 144. Nidec (Genmark Automation) Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 145. Nidec (Genmark Automation) Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 146. Nidec (Genmark Automation) Recent Development

Table 147. JEL Corporation Company Information

Table 148. JEL Corporation Description and Major Businesses

Table 149. JEL Corporation Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 150. JEL Corporation Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 151. JEL Corporation Recent Development

Table 152. Kensington Laboratories Company Information

Table 153. Kensington Laboratories Description and Major Businesses

Table 154. Kensington Laboratories Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 155. Kensington Laboratories Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

Table 156. Kensington Laboratories Recent Development

Table 157. Innovative Robotics Company Information

Table 158. Innovative Robotics Description and Major Businesses

Table 159. Innovative Robotics Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 160. Innovative Robotics Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications

- Table 161. Innovative Robotics Recent Development
- Table 162. isel Germany AG Company Information
- Table 163. isel Germany AG Description and Major Businesses
- Table 164. isel Germany AG Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 165. isel Germany AG Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
- Table 166. isel Germany AG Recent Development
- Table 167. CoreFlow Company Information
- Table 168. CoreFlow Description and Major Businesses
- Table 169. CoreFlow Vacuum End Effectors Sales (Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 170. CoreFlow Vacuum End Effectors Product Model Numbers, Pictures, Descriptions and Specifications
- Table 171. CoreFlow Recent Development
- Table 172. Key Raw Materials Lists
- Table 173. Raw Materials Key Suppliers Lists
- Table 174. Vacuum End Effectors Distributors List
- Table 175. Vacuum End Effectors Customers List
- Table 176. Vacuum End Effectors Market Trends
- Table 177. Vacuum End Effectors Market Drivers
- Table 178. Vacuum End Effectors Market Challenges
- Table 179. Vacuum End Effectors Market Restraints
- Table 180. Research Programs/Design for This Report
- Table 181. Key Data Information from Secondary Sources
- Table 182. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

Figure 1. Vacuum End Effectors Product Picture

Figure 2. Global Vacuum End Effectors Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)

Figure 3. Global Vacuum End Effectors Market Share by Type in 2022 & 2029

Figure 4. Flat Suction Pads Product Picture

Figure 5. Bellows Suction Pads Product Picture

Figure 6. Global Vacuum End Effectors Market Size Growth Rate by Application, 2018 VS 2022 VS 2029 (US\$ Million)

Figure 7. Global Vacuum End Effectors Market Share by Application in 2022 & 2029

Figure 8. Industrial Robots (Delta, Scara and articulated robots)

Figure 9. Semiconductor & FPD Robots

Figure 10. Vacuum End Effectors Report Years Considered

Figure 11. Global Vacuum End Effectors Capacity, Production and Utilization (2018-2029) & (Units)

Figure 12. Global Vacuum End Effectors Production Market Share by Region in Percentage: 2022 Versus 2029

Figure 13. Global Vacuum End Effectors Production Market Share by Region (2018-2029)

Figure 14. Vacuum End Effectors Production Growth Rate in North America (2018-2029) & (Units)

Figure 15. Vacuum End Effectors Production Growth Rate in Europe (2018-2029) & (Units)

Figure 16. Vacuum End Effectors Production Growth Rate in China (2018-2029) & (Units)

Figure 17. Vacuum End Effectors Production Growth Rate in Japan (2018-2029) & (Units)

Figure 18. Global Vacuum End Effectors Revenue, (US\$ Million), 2018 VS 2022 VS 2029

Figure 19. Global Vacuum End Effectors Revenue 2018-2029 (US\$ Million)

Figure 20. Global Vacuum End Effectors Revenue (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 21. Global Vacuum End Effectors Revenue Market Share by Region in Percentage: 2022 Versus 2029

Figure 22. Global Vacuum End Effectors Revenue Market Share by Region (2018-2029)

Figure 23. Global Vacuum End Effectors Sales 2018-2029 ((Units)

Figure 24. Global Vacuum End Effectors Sales (CAGR) by Region: 2018 VS 2022 VS 2029 (Units)

Figure 25. Global Vacuum End Effectors Sales Market Share by Region (2018-2029)

Figure 26. US & Canada Vacuum End Effectors Sales YoY (2018-2029) & (Units)

Figure 27. US & Canada Vacuum End Effectors Revenue YoY (2018-2029) & (US\$ Million)

Figure 28. Europe Vacuum End Effectors Sales YoY (2018-2029) & (Units)

Figure 29. Europe Vacuum End Effectors Revenue YoY (2018-2029) & (US\$ Million)

Figure 30. China Vacuum End Effectors Sales YoY (2018-2029) & (Units)

Figure 31. China Vacuum End Effectors Revenue YoY (2018-2029) & (US\$ Million)

Figure 32. Asia (excluding China) Vacuum End Effectors Sales YoY (2018-2029) & (Units)

Figure 33. Asia (excluding China) Vacuum End Effectors Revenue YoY (2018-2029) & (US\$ Million)

Figure 34. Middle East, Africa and Latin America Vacuum End Effectors Sales YoY (2018-2029) & (Units)

Figure 35. Middle East, Africa and Latin America Vacuum End Effectors Revenue YoY (2018-2029) & (US\$ Million)

Figure 36. The Vacuum End Effectors Market Share of Top 10 and Top 5 Largest Manufacturers Around the World in 2022

Figure 37. The Top 5 and 10 Largest Manufacturers of Vacuum End Effectors in the World: Market Share by Vacuum End Effectors Revenue in 2022

Figure 38. Global Vacuum End Effectors Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 39. Global Vacuum End Effectors Sales Market Share by Type (2018-2029)

Figure 40. Global Vacuum End Effectors Revenue Market Share by Type (2018-2029)

Figure 41. Global Vacuum End Effectors Sales Market Share by Application (2018-2029)

Figure 42. Global Vacuum End Effectors Revenue Market Share by Application (2018-2029)

Figure 43. US & Canada Vacuum End Effectors Sales Market Share by Type (2018-2029)

Figure 44. US & Canada Vacuum End Effectors Revenue Market Share by Type (2018-2029)

Figure 45. US & Canada Vacuum End Effectors Sales Market Share by Application (2018-2029)

Figure 46. US & Canada Vacuum End Effectors Revenue Market Share by Application (2018-2029)

Figure 47. US & Canada Vacuum End Effectors Revenue Share by Country



(2018-2029)

Figure 48. US & Canada Vacuum End Effectors Sales Share by Country (2018-2029)

Figure 49. U.S. Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 50. Canada Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 51. Europe Vacuum End Effectors Sales Market Share by Type (2018-2029)

Figure 52. Europe Vacuum End Effectors Revenue Market Share by Type (2018-2029)

Figure 53. Europe Vacuum End Effectors Sales Market Share by Application  
(2018-2029)

Figure 54. Europe Vacuum End Effectors Revenue Market Share by Application  
(2018-2029)

Figure 55. Europe Vacuum End Effectors Revenue Share by Country (2018-2029)

Figure 56. Europe Vacuum End Effectors Sales Share by Country (2018-2029)

Figure 57. Germany Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 58. France Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 59. U.K. Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 60. Italy Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 61. Russia Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 62. China Vacuum End Effectors Sales Market Share by Type (2018-2029)

Figure 63. China Vacuum End Effectors Revenue Market Share by Type (2018-2029)

Figure 64. China Vacuum End Effectors Sales Market Share by Application (2018-2029)

Figure 65. China Vacuum End Effectors Revenue Market Share by Application  
(2018-2029)

Figure 66. Asia Vacuum End Effectors Sales Market Share by Type (2018-2029)

Figure 67. Asia Vacuum End Effectors Revenue Market Share by Type (2018-2029)

Figure 68. Asia Vacuum End Effectors Sales Market Share by Application (2018-2029)

Figure 69. Asia Vacuum End Effectors Revenue Market Share by Application  
(2018-2029)

Figure 70. Asia Vacuum End Effectors Revenue Share by Region (2018-2029)

Figure 71. Asia Vacuum End Effectors Sales Share by Region (2018-2029)

Figure 72. Japan Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 73. South Korea Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 74. China Taiwan Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 75. Southeast Asia Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 76. India Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 77. Middle East, Africa and Latin America Vacuum End Effectors Sales Market  
Share by Type (2018-2029)

Figure 78. Middle East, Africa and Latin America Vacuum End Effectors Revenue  
Market Share by Type (2018-2029)

Figure 79. Middle East, Africa and Latin America Vacuum End Effectors Sales Market

Share by Application (2018-2029)

Figure 80. Middle East, Africa and Latin America Vacuum End Effectors Revenue

Market Share by Application (2018-2029)

Figure 81. Middle East, Africa and Latin America Vacuum End Effectors Revenue Share by Country (2018-2029)

Figure 82. Middle East, Africa and Latin America Vacuum End Effectors Sales Share by Country (2018-2029)

Figure 83. Brazil Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 84. Mexico Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 85. Turkey Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 86. Israel Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 87. GCC Countries Vacuum End Effectors Revenue (2018-2029) & (US\$ Million)

Figure 88. Vacuum End Effectors Value Chain

Figure 89. Vacuum End Effectors Production Process

Figure 90. Channels of Distribution

Figure 91. Distributors Profiles

Figure 92. Bottom-up and Top-down Approaches for This Report

Figure 93. Data Triangulation

Figure 94. Key Executives Interviewed

## I would like to order

Product name: Global Vacuum End Effectors Market Insights, Forecast to 2029

Product link: <https://marketpublishers.com/r/G36024FEA8FBEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G36024FEA8FBEN.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