

Global Soft Grippers Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GBC0552B2225EN.html>

Date: December 2024

Pages: 139

Price: US\$ 2,800.00 (Single User License)

ID: GBC0552B2225EN

Abstracts

Report Overview

Soft grippers are a type of robotic end-effector designed to handle delicate objects with varying shapes and sizes. These grippers are made of flexible materials such as silicone and are increasingly being adopted in industries like food processing, electronics manufacturing, and e-commerce fulfillment centers. Soft grippers offer advantages over traditional rigid grippers by providing gentle handling, adaptability to different objects, and improved safety in human-robot collaboration scenarios.

The current market size for soft grippers in 2023 is estimated at approximately USD 85 million. With a projected compound annual growth rate (CAGR) of 9.75% from 2024 to 2032, the market is expected to reach USD 165 million by the end of the forecast period. This growth can be attributed to several key drivers and market forces.

One of the primary growth drivers for the soft gripper market is the increasing demand for automation in industries seeking to improve efficiency and productivity. Soft grippers play a crucial role in enabling robots to handle fragile objects without causing damage, thus driving their adoption across various sectors. Additionally, advancements in soft robotics technology, such as the development of tactile sensing capabilities and improved gripping mechanisms, are further fueling market growth.

Moreover, the trend towards human-robot collaboration in manufacturing environments is boosting the demand for soft grippers. These grippers offer a safer alternative to traditional rigid grippers, allowing robots to work alongside human operators without the need for extensive safety measures. The ability of soft grippers to conform to different shapes and sizes of objects aligns well with the trend towards flexible and agile

production processes.

In terms of regional market distribution, leading markets for soft grippers include North America, Europe, and Asia Pacific. North America dominates the market due to the presence of key industry players, strong investment in automation technologies, and a focus on innovation. Europe follows closely behind, driven by the adoption of robotics in industries like automotive and electronics manufacturing. Asia Pacific is also a significant market for soft grippers, supported by the rapid industrialization in countries like China and Japan.

However, the soft gripper market faces challenges such as high initial costs associated with implementing robotic automation systems, especially for small and medium-sized enterprises. Additionally, the lack of standardized interfaces for soft grippers across different robotic platforms can hinder seamless integration and interoperability.

In conclusion, the soft gripper market is poised for significant growth driven by the increasing adoption of automation, advancements in soft robotics technology, and the trend towards human-robot collaboration. To capitalize on these opportunities, companies in the industry should focus on developing cost-effective solutions, enhancing interoperability, and educating potential customers about the benefits of soft grippers in various applications.

This report provides a deep insight into the global Soft Grippers market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Soft Grippers Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Soft Grippers market in any manner.

Global Soft Grippers Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

ONROBOT

Soft Robotics Tech

SoftGripping

ROCHU

Ubiros

Applied Robotics

PIAB

Empire Robotics

iCobots

Market Segmentation (by Type)

Actuation

Controlled Stiffness

Controlled Adhesion

Market Segmentation (by Application)

Food

Industrial

Automobile

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Soft Grippers Market

Overview of the regional outlook of the Soft Grippers Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, 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 Soft Grippers Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help

readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 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 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Soft Grippers

1.2 Key Market Segments

1.2.1 Soft Grippers Segment by Type

1.2.2 Soft Grippers Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 SOFT GRIPPERS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Soft Grippers Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Soft Grippers Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 SOFT GRIPPERS MARKET COMPETITIVE LANDSCAPE

3.1 Global Soft Grippers Sales by Manufacturers (2019-2024)

3.2 Global Soft Grippers Revenue Market Share by Manufacturers (2019-2024)

3.3 Soft Grippers Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Soft Grippers Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Soft Grippers Sales Sites, Area Served, Product Type

3.6 Soft Grippers Market Competitive Situation and Trends

3.6.1 Soft Grippers Market Concentration Rate

3.6.2 Global 5 and 10 Largest Soft Grippers Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 SOFT GRIPPERS INDUSTRY CHAIN ANALYSIS

4.1 Soft Grippers Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SOFT GRIPPERS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 SOFT GRIPPERS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Soft Grippers Sales Market Share by Type (2019-2024)

6.3 Global Soft Grippers Market Size Market Share by Type (2019-2024)

6.4 Global Soft Grippers Price by Type (2019-2024)

7 SOFT GRIPPERS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Soft Grippers Market Sales by Application (2019-2024)

7.3 Global Soft Grippers Market Size (M USD) by Application (2019-2024)

7.4 Global Soft Grippers Sales Growth Rate by Application (2019-2024)

8 SOFT GRIPPERS MARKET SALES BY REGION

8.1 Global Soft Grippers Sales by Region

8.1.1 Global Soft Grippers Sales by Region

8.1.2 Global Soft Grippers Sales Market Share by Region

8.2 Global Soft Grippers Market Size by Region

8.2.1 Global Soft Grippers Market Size by Region

8.2.2 Global Soft Grippers Market Size Market Share by Region

8.3 North America

- 8.3.1 North America Soft Grippers Sales by Country
- 8.3.2 North America Soft Grippers Market Size by Country
- 8.3.3 U.S. Market Overview
- 8.3.4 Canada Market Overview
- 8.3.5 Mexico Market Overview

8.4 Europe

- 8.4.1 Europe Soft Grippers Sales by Country
- 8.4.2 Europe Soft Grippers Market Size by Country
- 8.4.3 Germany Market Overview
- 8.4.4 France Market Overview
- 8.4.5 U.K. Market Overview
- 8.4.6 Italy Market Overview
- 8.4.7 Russia Market Overview

8.5 Asia Pacific

- 8.5.1 Asia Pacific Soft Grippers Sales by Region
- 8.5.2 China
- 8.5.3 Japan
- 8.5.4 South Korea
- 8.5.5 India
- 8.5.6 Southeast Asia

8.6 Asia Pacific

- 8.6.1 Asia Pacific Soft Grippers Market Size by Region
- 8.6.2 Asia Pacific Soft Grippers Market Size by Region
- 8.6.3 China
- 8.6.4 Japan
- 8.6.5 South Korea
- 8.6.6 India
- 8.6.7 Southeast Asia

8.7 South America

- 8.7.1 South America Soft Grippers Sales by Country
- 8.7.2 South America Soft Grippers Market Size by Country
- 8.7.3 Brazil
- 8.7.4 Argentina
- 8.7.5 Columbia

8.8 Middle East and Africa

- 8.8.1 Middle East and Africa Soft Grippers Sales by Region
- 8.8.2 Middle East and Africa Soft Grippers Market Size by Region
- 8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 SOFT GRIPPERS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Soft Grippers by Region (2019-2024)
- 9.2 Global Soft Grippers Revenue Market Share by Region (2019-2024)
- 9.3 Global Soft Grippers Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Soft Grippers Production
 - 9.4.1 North America Soft Grippers Production Growth Rate (2019-2024)
 - 9.4.2 North America Soft Grippers Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Soft Grippers Production
 - 9.5.1 Europe Soft Grippers Production Growth Rate (2019-2024)
 - 9.5.2 Europe Soft Grippers Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Soft Grippers Production (2019-2024)
 - 9.6.1 Japan Soft Grippers Production Growth Rate (2019-2024)
 - 9.6.2 Japan Soft Grippers Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Soft Grippers Production (2019-2024)
 - 9.7.1 China Soft Grippers Production Growth Rate (2019-2024)
 - 9.7.2 China Soft Grippers Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 ONROBOT
 - 10.1.1 ONROBOT Soft Grippers Basic Information
 - 10.1.2 ONROBOT Soft Grippers Product Overview
 - 10.1.3 ONROBOT Soft Grippers Product Market Performance
 - 10.1.4 ONROBOT Business Overview
 - 10.1.5 ONROBOT Soft Grippers SWOT Analysis
 - 10.1.6 ONROBOT Recent Developments
- 10.2 Soft Robotics Tech
 - 10.2.1 Soft Robotics Tech Soft Grippers Basic Information
 - 10.2.2 Soft Robotics Tech Soft Grippers Product Overview
 - 10.2.3 Soft Robotics Tech Soft Grippers Product Market Performance
 - 10.2.4 Soft Robotics Tech Business Overview
 - 10.2.5 Soft Robotics Tech Soft Grippers SWOT Analysis

- 10.2.6 Soft Robotics Tech Recent Developments
- 10.3 SoftGripping
 - 10.3.1 SoftGripping Soft Grippers Basic Information
 - 10.3.2 SoftGripping Soft Grippers Product Overview
 - 10.3.3 SoftGripping Soft Grippers Product Market Performance
 - 10.3.4 SoftGripping Soft Grippers SWOT Analysis
 - 10.3.5 SoftGripping Business Overview
 - 10.3.6 SoftGripping Recent Developments
- 10.4 ROCHU
 - 10.4.1 ROCHU Soft Grippers Basic Information
 - 10.4.2 ROCHU Soft Grippers Product Overview
 - 10.4.3 ROCHU Soft Grippers Product Market Performance
 - 10.4.4 ROCHU Business Overview
 - 10.4.5 ROCHU Recent Developments
- 10.5 Ubiros
 - 10.5.1 Ubiros Soft Grippers Basic Information
 - 10.5.2 Ubiros Soft Grippers Product Overview
 - 10.5.3 Ubiros Soft Grippers Product Market Performance
 - 10.5.4 Ubiros Business Overview
 - 10.5.5 Ubiros Recent Developments
- 10.6 Applied Robotics
 - 10.6.1 Applied Robotics Soft Grippers Basic Information
 - 10.6.2 Applied Robotics Soft Grippers Product Overview
 - 10.6.3 Applied Robotics Soft Grippers Product Market Performance
 - 10.6.4 Applied Robotics Business Overview
 - 10.6.5 Applied Robotics Recent Developments
- 10.7 PIAB
 - 10.7.1 PIAB Soft Grippers Basic Information
 - 10.7.2 PIAB Soft Grippers Product Overview
 - 10.7.3 PIAB Soft Grippers Product Market Performance
 - 10.7.4 PIAB Business Overview
 - 10.7.5 PIAB Recent Developments
- 10.8 Empire Robotics
 - 10.8.1 Empire Robotics Soft Grippers Basic Information
 - 10.8.2 Empire Robotics Soft Grippers Product Overview
 - 10.8.3 Empire Robotics Soft Grippers Product Market Performance
 - 10.8.4 Empire Robotics Business Overview
 - 10.8.5 Empire Robotics Recent Developments
- 10.9 iCobots

- 10.9.1 iCobots Soft Grippers Basic Information
- 10.9.2 iCobots Soft Grippers Product Overview
- 10.9.3 iCobots Soft Grippers Product Market Performance
- 10.9.4 iCobots Business Overview
- 10.9.5 iCobots Recent Developments

11 SOFT GRIPPERS MARKET FORECAST BY REGION

- 11.1 Global Soft Grippers Market Size Forecast
- 11.2 Global Soft Grippers Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Soft Grippers Market Size Forecast by Country
 - 11.2.3 Asia Pacific Soft Grippers Market Size Forecast by Region
 - 11.2.4 South America Soft Grippers Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Soft Grippers by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Soft Grippers Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Soft Grippers by Type (2025-2032)
 - 12.1.2 Global Soft Grippers Market Size Forecast by Type (2025-2032)
 - 12.1.3 Global Forecasted Price of Soft Grippers by Type (2025-2032)
- 12.2 Global Soft Grippers Market Forecast by Application (2025-2032)
 - 12.2.1 Global Soft Grippers Sales (K Units) Forecast by Application
 - 12.2.2 Global Soft Grippers Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global Soft Grippers Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/GBC0552B2225EN.html>

Price: US\$ 2,800.00 (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/GBC0552B2225EN.html>