

# Global Force-Controlled Servo Gripper Market Research Report 2026(Status and Outlook)

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## Abstracts

Force-controlled servo gripper is a robot gripper integrated with force sensor and servo motor, which can detect and control the force applied to the object in real time, and accurately control the position and speed of the gripper to achieve safe and reliable grasping and operation.

The global Force-Controlled Servo Gripper market size was estimated at USD 269.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.00% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Force-Controlled Servo Gripper market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Force-Controlled Servo Gripper market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Force-Controlled Servo Gripper market.

## **Global Force-Controlled Servo Gripper Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

SMC  
Weiss Robotics  
Dobot Robotics  
Flexiv  
Augmented Intelligence Technology  
Hitbot Technology  
Shenzhen Dahuan Robot Technology

### **Market Segmentation (by Type)**

Electric  
Pneumatic  
Hydraulic

### **Market Segmentation (by Application)**

Industrial  
Architecture

Logistics  
Medical  
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 Force-Controlled Servo Gripper Market

Overview of the regional outlook of the Force-Controlled Servo Gripper Market:

## **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 Force-Controlled Servo Gripper 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 shares the main producing countries of Force-Controlled Servo Gripper, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 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 11 provides a quantitative analysis of the market size and development

potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **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 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.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Force-Controlled Servo Gripper
- 1.2 Key Market Segments
  - 1.2.1 Force-Controlled Servo Gripper Segment by Type
  - 1.2.2 Force-Controlled Servo Gripper 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 FORCE-CONTROLLED SERVO GRIPPER MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Force-Controlled Servo Gripper Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Force-Controlled Servo Gripper Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 FORCE-CONTROLLED SERVO GRIPPER MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Force-Controlled Servo Gripper Product Life Cycle
- 3.3 Global Force-Controlled Servo Gripper Sales by Manufacturers (2020-2025)
- 3.4 Global Force-Controlled Servo Gripper Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Force-Controlled Servo Gripper Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Force-Controlled Servo Gripper Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Force-Controlled Servo Gripper Market Competitive Situation and Trends
  - 3.8.1 Force-Controlled Servo Gripper Market Concentration Rate

3.8.2 Global 5 and 10 Largest Force-Controlled Servo Gripper Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

## **4 FORCE-CONTROLLED SERVO GRIPPER INDUSTRY CHAIN ANALYSIS**

4.1 Force-Controlled Servo Gripper 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 FORCE-CONTROLLED SERVO GRIPPER MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Force-Controlled Servo Gripper Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Force-Controlled Servo Gripper Market

5.7 ESG Ratings of Leading Companies

## **6 FORCE-CONTROLLED SERVO GRIPPER MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Force-Controlled Servo Gripper Sales Market Share by Type (2020-2025)

6.3 Global Force-Controlled Servo Gripper Market Size by Type (2020-2025)

6.4 Global Force-Controlled Servo Gripper Price by Type (2020-2025)

## **7 FORCE-CONTROLLED SERVO GRIPPER MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Force-Controlled Servo Gripper Market Sales by Application (2020-2025)

7.3 Global Force-Controlled Servo Gripper Market Size (M USD) by Application (2020-2025)

7.4 Global Force-Controlled Servo Gripper Sales Growth Rate by Application (2020-2025)

## **8 FORCE-CONTROLLED SERVO GRIPPER MARKET SALES BY REGION**

8.1 Global Force-Controlled Servo Gripper Sales by Region

8.1.1 Global Force-Controlled Servo Gripper Sales by Region

8.1.2 Global Force-Controlled Servo Gripper Sales Market Share by Region

8.2 Global Force-Controlled Servo Gripper Market Size by Region

8.2.1 Global Force-Controlled Servo Gripper Market Size by Region

8.2.2 Global Force-Controlled Servo Gripper Market Size by Region

8.3 North America

8.3.1 North America Force-Controlled Servo Gripper Sales by Country

8.3.2 North America Force-Controlled Servo Gripper 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 Force-Controlled Servo Gripper Sales by Country

8.4.2 Europe Force-Controlled Servo Gripper 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 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Force-Controlled Servo Gripper Sales by Region

8.5.2 Asia Pacific Force-Controlled Servo Gripper Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Force-Controlled Servo Gripper Sales by Country
  - 8.6.2 South America Force-Controlled Servo Gripper Market Size by Country
  - 8.6.3 Brazil Market Overview
  - 8.6.4 Argentina Market Overview
  - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Force-Controlled Servo Gripper Sales by Region
  - 8.7.2 Middle East and Africa Force-Controlled Servo Gripper Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 FORCE-CONTROLLED SERVO GRIPPER MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Force-Controlled Servo Gripper by Region(2020-2025)
- 9.2 Global Force-Controlled Servo Gripper Revenue Market Share by Region (2020-2025)
- 9.3 Global Force-Controlled Servo Gripper Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Force-Controlled Servo Gripper Production
  - 9.4.1 North America Force-Controlled Servo Gripper Production Growth Rate (2020-2025)
  - 9.4.2 North America Force-Controlled Servo Gripper Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Force-Controlled Servo Gripper Production
  - 9.5.1 Europe Force-Controlled Servo Gripper Production Growth Rate (2020-2025)
  - 9.5.2 Europe Force-Controlled Servo Gripper Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Force-Controlled Servo Gripper Production (2020-2025)
  - 9.6.1 Japan Force-Controlled Servo Gripper Production Growth Rate (2020-2025)
  - 9.6.2 Japan Force-Controlled Servo Gripper Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Force-Controlled Servo Gripper Production (2020-2025)

- 9.7.1 China Force-Controlled Servo Gripper Production Growth Rate (2020-2025)
- 9.7.2 China Force-Controlled Servo Gripper Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

### **10.1 SMC**

- 10.1.1 SMC Basic Information
- 10.1.2 SMC Force-Controlled Servo Gripper Product Overview
- 10.1.3 SMC Force-Controlled Servo Gripper Product Market Performance
- 10.1.4 SMC Business Overview
- 10.1.5 SMC SWOT Analysis
- 10.1.6 SMC Recent Developments

### **10.2 Weiss Robotics**

- 10.2.1 Weiss Robotics Basic Information
- 10.2.2 Weiss Robotics Force-Controlled Servo Gripper Product Overview
- 10.2.3 Weiss Robotics Force-Controlled Servo Gripper Product Market Performance
- 10.2.4 Weiss Robotics Business Overview
- 10.2.5 Weiss Robotics SWOT Analysis
- 10.2.6 Weiss Robotics Recent Developments

### **10.3 Dobot Robotics**

- 10.3.1 Dobot Robotics Basic Information
- 10.3.2 Dobot Robotics Force-Controlled Servo Gripper Product Overview
- 10.3.3 Dobot Robotics Force-Controlled Servo Gripper Product Market Performance
- 10.3.4 Dobot Robotics Business Overview
- 10.3.5 Dobot Robotics SWOT Analysis
- 10.3.6 Dobot Robotics Recent Developments

### **10.4 Flexiv**

- 10.4.1 Flexiv Basic Information
- 10.4.2 Flexiv Force-Controlled Servo Gripper Product Overview
- 10.4.3 Flexiv Force-Controlled Servo Gripper Product Market Performance
- 10.4.4 Flexiv Business Overview
- 10.4.5 Flexiv Recent Developments

### **10.5 Augmented Intelligence Technology**

- 10.5.1 Augmented Intelligence Technology Basic Information
- 10.5.2 Augmented Intelligence Technology Force-Controlled Servo Gripper Product Overview
- 10.5.3 Augmented Intelligence Technology Force-Controlled Servo Gripper Product Market Performance

- 10.5.4 Augmented Intelligence Technology Business Overview
- 10.5.5 Augmented Intelligence Technology Recent Developments
- 10.6 Hitbot Technology
  - 10.6.1 Hitbot Technology Basic Information
  - 10.6.2 Hitbot Technology Force-Controlled Servo Gripper Product Overview
  - 10.6.3 Hitbot Technology Force-Controlled Servo Gripper Product Market Performance
  - 10.6.4 Hitbot Technology Business Overview
  - 10.6.5 Hitbot Technology Recent Developments
- 10.7 Shenzhen Dahuan Robot Technology
  - 10.7.1 Shenzhen Dahuan Robot Technology Basic Information
  - 10.7.2 Shenzhen Dahuan Robot Technology Force-Controlled Servo Gripper Product Overview
  - 10.7.3 Shenzhen Dahuan Robot Technology Force-Controlled Servo Gripper Product Market Performance
  - 10.7.4 Shenzhen Dahuan Robot Technology Business Overview
  - 10.7.5 Shenzhen Dahuan Robot Technology Recent Developments

## **11 FORCE-CONTROLLED SERVO GRIPPER MARKET FORECAST BY REGION**

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

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Force-Controlled Servo Gripper Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Force-Controlled Servo Gripper by Type (2026-2035)
  - 12.1.2 Global Force-Controlled Servo Gripper Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Force-Controlled Servo Gripper by Type (2026-2035)
- 12.2 Global Force-Controlled Servo Gripper Market Forecast by Application

(2026-2035)

12.2.1 Global Force-Controlled Servo Gripper Sales (K Units) Forecast by Application

12.2.2 Global Force-Controlled Servo Gripper Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Force-Controlled Servo Gripper Market Size by Type (M USD)

Table 4. Global Force-Controlled Servo Gripper Market Size by Application

Table 5. Force-Controlled Servo Gripper Market Size Comparison by Region (M USD)

Table 6. Global Force-Controlled Servo Gripper Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Force-Controlled Servo Gripper Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Force-Controlled Servo Gripper Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Force-Controlled Servo Gripper Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Force-Controlled Servo Gripper as of 2025)

Table 11. Global Market Force-Controlled Servo Gripper Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Force-Controlled Servo Gripper Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Force-Controlled Servo Gripper Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Force-Controlled Servo Gripper Sales by Type (K Units)

Table 27. Global Force-Controlled Servo Gripper Market Size by Type (M USD)

- Table 28. Global Force-Controlled Servo Gripper Sales (K Units) by Type (2020-2025)
- Table 29. Global Force-Controlled Servo Gripper Sales Market Share by Type (2020-2025)
- Table 30. Global Force-Controlled Servo Gripper Market Size (M USD) by Type (2020-2025)
- Table 31. Global Force-Controlled Servo Gripper Market Share by Type (2020-2025)
- Table 32. Global Force-Controlled Servo Gripper Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Force-Controlled Servo Gripper Sales (K Units) by Application
- Table 34. Global Force-Controlled Servo Gripper Market Size by Application
- Table 35. Global Force-Controlled Servo Gripper Sales by Application (2020-2025) & (K Units)
- Table 36. Global Force-Controlled Servo Gripper Sales Market Share by Application (2020-2025)
- Table 37. Global Force-Controlled Servo Gripper Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Force-Controlled Servo Gripper Market Share by Application (2020-2025)
- Table 39. Global Force-Controlled Servo Gripper Sales Growth Rate by Application (2020-2025)
- Table 40. Global Force-Controlled Servo Gripper Sales by Region (2020-2025) & (K Units)
- Table 41. Global Force-Controlled Servo Gripper Sales Market Share by Region (2020-2025)
- Table 42. Global Force-Controlled Servo Gripper Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Force-Controlled Servo Gripper Market Size by Region (2020-2025)
- Table 44. North America Force-Controlled Servo Gripper Sales by Country (2020-2025) & (K Units)
- Table 45. North America Force-Controlled Servo Gripper Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Force-Controlled Servo Gripper Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Force-Controlled Servo Gripper Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Force-Controlled Servo Gripper Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Force-Controlled Servo Gripper Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Force-Controlled Servo Gripper Sales by Country (2020-2025)

& (K Units)

Table 51. South America Force-Controlled Servo Gripper Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Force-Controlled Servo Gripper Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Force-Controlled Servo Gripper Market Size by Region (2020-2025) & (M USD)

Table 54. Global Force-Controlled Servo Gripper Production (K Units) by Region(2020-2025)

Table 55. Global Force-Controlled Servo Gripper Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Force-Controlled Servo Gripper Revenue Market Share by Region (2020-2025)

Table 57. Global Force-Controlled Servo Gripper Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Force-Controlled Servo Gripper Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Force-Controlled Servo Gripper Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Force-Controlled Servo Gripper Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Force-Controlled Servo Gripper Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. SMC Basic Information

Table 63. SMC Force-Controlled Servo Gripper Product Overview

Table 64. SMC Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. SMC Business Overview

Table 66. SMC SWOT Analysis

Table 67. SMC Recent Developments

Table 68. Weiss Robotics Basic Information

Table 69. Weiss Robotics Force-Controlled Servo Gripper Product Overview

Table 70. Weiss Robotics Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Weiss Robotics Business Overview

Table 72. Weiss Robotics SWOT Analysis

Table 73. Weiss Robotics Recent Developments

Table 74. Dobot Robotics Basic Information

Table 75. Dobot Robotics Force-Controlled Servo Gripper Product Overview

- Table 76. Dobot Robotics Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Dobot Robotics Business Overview
- Table 78. Dobot Robotics SWOT Analysis
- Table 79. Dobot Robotics Recent Developments
- Table 80. Flexiv Basic Information
- Table 81. Flexiv Force-Controlled Servo Gripper Product Overview
- Table 82. Flexiv Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Flexiv Business Overview
- Table 84. Flexiv Recent Developments
- Table 85. Augmented Intelligence Technology Basic Information
- Table 86. Augmented Intelligence Technology Force-Controlled Servo Gripper Product Overview
- Table 87. Augmented Intelligence Technology Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Augmented Intelligence Technology Business Overview
- Table 89. Augmented Intelligence Technology Recent Developments
- Table 90. Hitbot Technology Basic Information
- Table 91. Hitbot Technology Force-Controlled Servo Gripper Product Overview
- Table 92. Hitbot Technology Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Hitbot Technology Business Overview
- Table 94. Hitbot Technology Recent Developments
- Table 95. Shenzhen Dahuan Robot Technology Basic Information
- Table 96. Shenzhen Dahuan Robot Technology Force-Controlled Servo Gripper Product Overview
- Table 97. Shenzhen Dahuan Robot Technology Force-Controlled Servo Gripper Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Shenzhen Dahuan Robot Technology Business Overview
- Table 99. Shenzhen Dahuan Robot Technology Recent Developments
- Table 100. Global Force-Controlled Servo Gripper Sales Forecast by Region (2026-2035) & (K Units)
- Table 101. Global Force-Controlled Servo Gripper Market Size Forecast by Region (2026-2035) & (M USD)
- Table 102. North America Force-Controlled Servo Gripper Sales Forecast by Country (2026-2035) & (K Units)
- Table 103. North America Force-Controlled Servo Gripper Market Size Forecast by Country (2026-2035) & (M USD)

Table 104. Europe Force-Controlled Servo Gripper Sales Forecast by Country (2026-2035) & (K Units)

Table 105. Europe Force-Controlled Servo Gripper Market Size Forecast by Country (2026-2035) & (M USD)

Table 106. Asia Pacific Force-Controlled Servo Gripper Sales Forecast by Region (2026-2035) & (K Units)

Table 107. Asia Pacific Force-Controlled Servo Gripper Market Size Forecast by Region (2026-2035) & (M USD)

Table 108. South America Force-Controlled Servo Gripper Sales Forecast by Country (2026-2035) & (K Units)

Table 109. South America Force-Controlled Servo Gripper Market Size Forecast by Country (2026-2035) & (M USD)

Table 110. Middle East and Africa Force-Controlled Servo Gripper Sales Forecast by Country (2026-2035) & (Units)

Table 111. Middle East and Africa Force-Controlled Servo Gripper Market Size Forecast by Country (2026-2035) & (M USD)

Table 112. Global Force-Controlled Servo Gripper Sales Forecast by Type (2026-2035) & (K Units)

Table 113. Global Force-Controlled Servo Gripper Market Size Forecast by Type (2026-2035) & (M USD)

Table 114. Global Force-Controlled Servo Gripper Price Forecast by Type (2026-2035) & (USD/Unit)

Table 115. Global Force-Controlled Servo Gripper Sales (K Units) Forecast by Application (2026-2035)

Table 116. Global Force-Controlled Servo Gripper Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Force-Controlled Servo Gripper
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Force-Controlled Servo Gripper Market Size (M USD), 2025-2035
- Figure 5. Global Force-Controlled Servo Gripper Market Size (M USD) (2020-2035)
- Figure 6. Global Force-Controlled Servo Gripper Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Force-Controlled Servo Gripper Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Force-Controlled Servo Gripper Product Life Cycle
- Figure 13. Force-Controlled Servo Gripper Sales Share by Manufacturers in 2025
- Figure 14. Global Force-Controlled Servo Gripper Revenue Share by Manufacturers in 2025
- Figure 15. Force-Controlled Servo Gripper Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Force-Controlled Servo Gripper Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Force-Controlled Servo Gripper Revenue in 2025
- Figure 18. Industry Chain Map of Force-Controlled Servo Gripper
- Figure 19. Global Force-Controlled Servo Gripper Market PEST Analysis
- Figure 20. Global Force-Controlled Servo Gripper Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Force-Controlled Servo Gripper Market Share by Type
- Figure 27. Sales Market Share of Force-Controlled Servo Gripper by Type (2020-2025)
- Figure 28. Sales Market Share of Force-Controlled Servo Gripper by Type in 2025
- Figure 29. Market Share of Force-Controlled Servo Gripper by Type (2020-2025)
- Figure 30. Market Share of Force-Controlled Servo Gripper by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Force-Controlled Servo Gripper Market Share by Application
- Figure 33. Global Force-Controlled Servo Gripper Sales Market Share by Application (2020-2025)
- Figure 34. Global Force-Controlled Servo Gripper Sales Market Share by Application in 2025
- Figure 35. Global Force-Controlled Servo Gripper Market Share by Application (2020-2025)
- Figure 36. Global Force-Controlled Servo Gripper Market Share by Application in 2025
- Figure 37. Global Force-Controlled Servo Gripper Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Force-Controlled Servo Gripper Sales Market Share by Region (2020-2025)
- Figure 39. Global Force-Controlled Servo Gripper Market Size by Region (2020-2025)
- Figure 40. North America Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Force-Controlled Servo Gripper Sales Market Share by Country in 2024
- Figure 43. North America Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Force-Controlled Servo Gripper Market Size by Country in 2024
- Figure 45. U.S. Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Force-Controlled Servo Gripper Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Force-Controlled Servo Gripper Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Force-Controlled Servo Gripper Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Force-Controlled Servo Gripper Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Force-Controlled Servo Gripper Sales Market Share by Country in 2024

Figure 53. Europe Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Force-Controlled Servo Gripper Market Size by Country in 2024

Figure 55. Germany Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Force-Controlled Servo Gripper Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Force-Controlled Servo Gripper Sales Market Share by Region in 2024

Figure 67. Asia Pacific Force-Controlled Servo Gripper Market Size by Region in 2024

Figure 68. China Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Force-Controlled Servo Gripper Sales and Growth Rate (K Units)

Figure 79. South America Force-Controlled Servo Gripper Sales Market Share by Country in 2024

Figure 80. South America Force-Controlled Servo Gripper Market Size and Growth Rate (M USD)

Figure 81. South America Force-Controlled Servo Gripper Market Size by Country in 2024

Figure 82. Brazil Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Force-Controlled Servo Gripper Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Force-Controlled Servo Gripper Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Force-Controlled Servo Gripper Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Force-Controlled Servo Gripper Market Size by Region in 2024

Figure 92. Saudi Arabia Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Force-Controlled Servo Gripper Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 94. UAE Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Force-Controlled Servo Gripper Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Force-Controlled Servo Gripper Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Force-Controlled Servo Gripper Production Market Share by Region (2020-2025)

Figure 103. North America Force-Controlled Servo Gripper Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Force-Controlled Servo Gripper Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Force-Controlled Servo Gripper Production (K Units) Growth Rate (2020-2025)

Figure 106. China Force-Controlled Servo Gripper Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Force-Controlled Servo Gripper Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Force-Controlled Servo Gripper Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Force-Controlled Servo Gripper Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Force-Controlled Servo Gripper Market Share Forecast by Type (2026-2035)

Figure 111. Global Force-Controlled Servo Gripper Sales Forecast by Application (2026-2035)

Figure 112. Global Force-Controlled Servo Gripper Market Share Forecast by Application (2026-2035)

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