+357 96 030922
info@marketpublishers.com

Global Lightweight Joint Modules Market Growth 2026-2032

https://marketpublishers.com/r/G56D1A017757EN.html
Date: October 2026
Pages: 120
Price: US$ 3,660.00 (Single User License)
ID: G56D1A017757EN

Abstracts

The global Lightweight Joint Modules market size is predicted to grow from US$ 336 million in 2025 to US$ 4420 million in 2032; it is expected to grow at a CAGR of 51.9% from 2026 to 2032.

A lightweight joint module is a robotic joint unit that significantly reduces its own mass through structural topology optimization, the application of novel lightweight materials, and deeply integrated design of motor and reducer, while maintaining high power density and high stiffness output. Its core lies in achieving maximum torque output and dynamic response capability within a limited weight budget, enabling the robot body it equips to attain a higher payload-to-weight ratio and lower motion inertia. The value of this module is embodied in its highly integrated design, which eliminates redundant cables, housings, and connectors found in traditional joints, reducing overall size while improving system reliability and energy efficiency. In terms of functional realization, it typically incorporates high-resolution encoders and temperature monitoring to achieve closed-loop control and overload protection within a compact package, thereby not sacrificing motion accuracy or service life under stringent weight reduction requirements. In 2025, global Lightweight Joint Modules production reached approximately 572.5 k units with an average global market price of around US$600 per unit.

The future industry development trends of lightweight joint modules present several key directions. First, multiple listed companies that have disclosed their robotics business progress in annual reports clearly state that joint modules are evolving from traditional separated motor-plus-reducer combinations toward integrated, lightweight assembly solutions. Companies generally believe that through integrated housing casting and optimized internal electrical wiring, they can directly reduce material costs and assembly

+357 96 030922
info@marketpublishers.com

labor hours, thereby improving gross margin levels of products. Second, the trend of vertical integration across the industry chain is particularly prominent in the lightweight field. Some enterprises with long-term experience in precision die-casting and composite material molding have announced through official news their expansion into joint structural components and module assembly, aiming to capture higher product pricing power by mastering lightweight manufacturing processes. At the same time, complete machine manufacturers have also begun prioritizing in-house development of lightweight modules to reduce dependence on specific suppliers. This two-way deployment is driving industry profits toward companies that possess material processing and integration capabilities. Furthermore, government policies related to the robotics industry have repeatedly emphasized weight reduction and energy efficiency improvement of robot bodies, prompting companies to increase investment in directions such as magnesium alloy, carbon fiber composite materials, and topology optimization design. Although the introduction of these new materials and processes will drive up research and development expenses in the short term, corporate annual reports generally view this as a necessary path to establish product differentiation advantages. Finally, corporate official information shows that an increasing number of companies are focusing on the balanced design between high stiffness and low inertia in lightweight joint modules, improving dynamic response through optimized hollow shaft structures and bearing layouts, rather than simply pursuing lighter weight. Overall, this field is transitioning from general-purpose weight reduction solutions toward customized designs that synergistically optimize torque density and thermal management, and the annual reports of related companies generally regard lightweight joint technology as an important foundation supporting high-value-added products within future profit structures.

LP Information, Inc. (LPI) ' newest research report, the “Lightweight Joint Modules Industry Forecast” looks at past sales and reviews total world Lightweight Joint Modules sales in 2025, providing a comprehensive analysis by region and market sector of projected Lightweight Joint Modules sales for 2026 through 2032. With Lightweight Joint Modules sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Lightweight Joint Modules industry.

This Insight Report provides a comprehensive analysis of the global Lightweight Joint Modules landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Lightweight Joint Modules portfolios and capabilities, market entry strategies, market positions, and

+357 96 030922
info@marketpublishers.com

geographic footprints, to better understand these firms' unique position in an accelerating global Lightweight Joint Modules market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lightweight Joint Modules and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Lightweight Joint Modules.

This report presents a comprehensive overview, market shares, and growth opportunities of Lightweight Joint Modules market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

L Type Joint

I Type (Straight) Joint

Segmentation by Transmission Mechanism:

Linear Actuator

Rotary Actuator

Segmentation by Driving Method:

Pneumatic

Hydraulic

Electric

Segmentation by Application:

+357 96 030922
info@marketpublishers.com

Humanoid Robot

Robot Dog

Robot Arm

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

+357 96 030922
info@marketpublishers.com

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

HIGEN RNM

Harmonic Drive

Infranor

Kollmorgen

Ti5Robot Technology

GUANGZHOU HAOZHI INDUSTRIAL

Techrobots (Shenzhen)

+357 96 030922
info@marketpublishers.com

Suzhou SIP Gears Intelligent

HC Motion Control

Shenzhen Komo Robot

Suzhou Dongmao Industrial Equipment

Hangzhou DEEP Robotics

China Leadshine Technology

Magiclab Robotics Technology(Wuxi)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Lightweight Joint Modules market?

What factors are driving Lightweight Joint Modules market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Lightweight Joint Modules market opportunities vary by end market size?

How does Lightweight Joint Modules break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Lightweight Joint Modules Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Lightweight Joint Modules by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Lightweight Joint Modules by Country/Region, 2021, 2025 & 2032
2.2 Lightweight Joint Modules Segment by Type
  2.2.1 L Type Joint
  2.2.2 I Type (Straight) Joint
  2.2.3 Lightweight Joint Modules Sales by Type
    2.2.3.1 Global Lightweight Joint Modules Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Lightweight Joint Modules Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Lightweight Joint Modules Sale Price by Type (2021-2026)
2.3 Lightweight Joint Modules Segment by Transmission Mechanism
  2.3.1 Linear Actuator
  2.3.2 Rotary Actuator
  2.3.3 Lightweight Joint Modules Sales by Transmission Mechanism
    2.3.3.1 Global Lightweight Joint Modules Sales Market Share by Transmission Mechanism (2021-2026)
    2.3.3.2 Global Lightweight Joint Modules Revenue and Market Share by Transmission Mechanism (2021-2026)
    2.3.3.3 Global Lightweight Joint Modules Sale Price by Transmission Mechanism (2021-2026)

+357 96 030922
info@marketpublishers.com

2.4 Lightweight Joint Modules Segment by Driving Method
2.4.1 Pneumatic
2.4.2 Hydraulic
2.4.3 Electric
2.4.4 Lightweight Joint Modules Sales by Driving Method
2.4.4.1 Global Lightweight Joint Modules Sales Market Share by Driving Method (2021-2026)
2.4.4.2 Global Lightweight Joint Modules Revenue and Market Share by Driving Method (2021-2026)
2.4.4.3 Global Lightweight Joint Modules Sale Price by Driving Method (2021-2026)
2.5 Lightweight Joint Modules Segment by Application
2.5.1 Humanoid Robot
2.5.2 Robot Dog
2.5.3 Robot Arm
2.5.4 Others
2.5.5 Lightweight Joint Modules Sales by Application
2.5.5.1 Global Lightweight Joint Modules Sale Market Share by Application (2021-2026)
2.5.5.2 Global Lightweight Joint Modules Revenue and Market Share by Application (2021-2026)
2.5.5.3 Global Lightweight Joint Modules Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Lightweight Joint Modules Breakdown Data by Company
3.1.1 Global Lightweight Joint Modules Annual Sales by Company (2021-2026)
3.1.2 Global Lightweight Joint Modules Sales Market Share by Company (2021-2026)
3.2 Global Lightweight Joint Modules Annual Revenue by Company (2021-2026)
3.2.1 Global Lightweight Joint Modules Revenue by Company (2021-2026)
3.2.2 Global Lightweight Joint Modules Revenue Market Share by Company (2021-2026)
3.3 Global Lightweight Joint Modules Sale Price by Company
3.4 Key Manufacturers Lightweight Joint Modules Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Lightweight Joint Modules Product Location Distribution
3.4.2 Players Lightweight Joint Modules Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

+357 96 030922
info@marketpublishers.com

3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR LIGHTWEIGHT JOINT MODULES BY GEOGRAPHIC REGION

4.1 World Historic Lightweight Joint Modules Market Size by Geographic Region (2021-2026)
  4.1.1 Global Lightweight Joint Modules Annual Sales by Geographic Region (2021-2026)
  4.1.2 Global Lightweight Joint Modules Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Lightweight Joint Modules Market Size by Country/Region (2021-2026)
  4.2.1 Global Lightweight Joint Modules Annual Sales by Country/Region (2021-2026)
  4.2.2 Global Lightweight Joint Modules Annual Revenue by Country/Region (2021-2026)
4.3 Americas Lightweight Joint Modules Sales Growth
4.4 APAC Lightweight Joint Modules Sales Growth
4.5 Europe Lightweight Joint Modules Sales Growth
4.6 Middle East & Africa Lightweight Joint Modules Sales Growth

5 AMERICAS

5.1 Americas Lightweight Joint Modules Sales by Country
  5.1.1 Americas Lightweight Joint Modules Sales by Country (2021-2026)
  5.1.2 Americas Lightweight Joint Modules Revenue by Country (2021-2026)
5.2 Americas Lightweight Joint Modules Sales by Type (2021-2026)
5.3 Americas Lightweight Joint Modules Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Lightweight Joint Modules Sales by Region
  6.1.1 APAC Lightweight Joint Modules Sales by Region (2021-2026)
  6.1.2 APAC Lightweight Joint Modules Revenue by Region (2021-2026)

+357 96 030922
info@marketpublishers.com

6.2 APAC Lightweight Joint Modules Sales by Type (2021-2026)
6.3 APAC Lightweight Joint Modules Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Lightweight Joint Modules by Country
  7.1.1 Europe Lightweight Joint Modules Sales by Country (2021-2026)
  7.1.2 Europe Lightweight Joint Modules Revenue by Country (2021-2026)
7.2 Europe Lightweight Joint Modules Sales by Type (2021-2026)
7.3 Europe Lightweight Joint Modules Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Lightweight Joint Modules by Country
  8.1.1 Middle East & Africa Lightweight Joint Modules Sales by Country (2021-2026)
  8.1.2 Middle East & Africa Lightweight Joint Modules Revenue by Country (2021-2026)
8.2 Middle East & Africa Lightweight Joint Modules Sales by Type (2021-2026)
8.3 Middle East & Africa Lightweight Joint Modules Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

+357 96 030922
info@marketpublishers.com

9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Lightweight Joint Modules
10.3 Manufacturing Process Analysis of Lightweight Joint Modules
10.4 Industry Chain Structure of Lightweight Joint Modules

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Lightweight Joint Modules Distributors
11.3 Lightweight Joint Modules Customer

12 WORLD FORECAST REVIEW FOR LIGHTWEIGHT JOINT MODULES BY GEOGRAPHIC REGION

12.1 Global Lightweight Joint Modules Market Size Forecast by Region
  12.1.1 Global Lightweight Joint Modules Forecast by Region (2027-2032)
  12.1.2 Global Lightweight Joint Modules Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Lightweight Joint Modules Forecast by Type (2027-2032)
12.7 Global Lightweight Joint Modules Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 HIGEN RNM
  13.1.1 HIGEN RNM Company Information
  13.1.2 HIGEN RNM Lightweight Joint Modules Product Portfolios and Specifications
  13.1.3 HIGEN RNM Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.1.4 HIGEN RNM Main Business Overview
13.1.5 HIGEN RNM Latest Developments
13.2 Harmonic Drive
13.2.1 Harmonic Drive Company Information
13.2.2 Harmonic Drive Lightweight Joint Modules Product Portfolios and Specifications
13.2.3 Harmonic Drive Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Harmonic Drive Main Business Overview
13.2.5 Harmonic Drive Latest Developments
13.3 Infranor
13.3.1 Infranor Company Information
13.3.2 Infranor Lightweight Joint Modules Product Portfolios and Specifications
13.3.3 Infranor Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Infranor Main Business Overview
13.3.5 Infranor Latest Developments
13.4 Kollmorgen
13.4.1 Kollmorgen Company Information
13.4.2 Kollmorgen Lightweight Joint Modules Product Portfolios and Specifications
13.4.3 Kollmorgen Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Kollmorgen Main Business Overview
13.4.5 Kollmorgen Latest Developments
13.5 Ti5Robot Technology
13.5.1 Ti5Robot Technology Company Information
13.5.2 Ti5Robot Technology Lightweight Joint Modules Product Portfolios and Specifications
13.5.3 Ti5Robot Technology Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Ti5Robot Technology Main Business Overview
13.5.5 Ti5Robot Technology Latest Developments
13.6 GUANGZHOU HAOZHI INDUSTRIAL
13.6.1 GUANGZHOU HAOZHI INDUSTRIAL Company Information
13.6.2 GUANGZHOU HAOZHI INDUSTRIAL Lightweight Joint Modules Product Portfolios and Specifications
13.6.3 GUANGZHOU HAOZHI INDUSTRIAL Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 GUANGZHOU HAOZHI INDUSTRIAL Main Business Overview
13.6.5 GUANGZHOU HAOZHI INDUSTRIAL Latest Developments

+357 96 030922
info@marketpublishers.com

13.7 Techrobots (Shenzhen)
13.7.1 Techrobots (Shenzhen) Company Information
13.7.2 Techrobots (Shenzhen) Lightweight Joint Modules Product Portfolios and Specifications
13.7.3 Techrobots (Shenzhen) Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Techrobots (Shenzhen) Main Business Overview
13.7.5 Techrobots (Shenzhen) Latest Developments
13.8 Suzhou SIP Gears Intelligent
13.8.1 Suzhou SIP Gears Intelligent Company Information
13.8.2 Suzhou SIP Gears Intelligent Lightweight Joint Modules Product Portfolios and Specifications
13.8.3 Suzhou SIP Gears Intelligent Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Suzhou SIP Gears Intelligent Main Business Overview
13.8.5 Suzhou SIP Gears Intelligent Latest Developments
13.9 HC Motion Control
13.9.1 HC Motion Control Company Information
13.9.2 HC Motion Control Lightweight Joint Modules Product Portfolios and Specifications
13.9.3 HC Motion Control Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 HC Motion Control Main Business Overview
13.9.5 HC Motion Control Latest Developments
13.10 Shenzhen Komo Robot
13.10.1 Shenzhen Komo Robot Company Information
13.10.2 Shenzhen Komo Robot Lightweight Joint Modules Product Portfolios and Specifications
13.10.3 Shenzhen Komo Robot Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 Shenzhen Komo Robot Main Business Overview
13.10.5 Shenzhen Komo Robot Latest Developments
13.11 Suzhou Dongmao Industrial Equipment
13.11.1 Suzhou Dongmao Industrial Equipment Company Information
13.11.2 Suzhou Dongmao Industrial Equipment Lightweight Joint Modules Product Portfolios and Specifications
13.11.3 Suzhou Dongmao Industrial Equipment Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 Suzhou Dongmao Industrial Equipment Main Business Overview

+357 96 030922
info@marketpublishers.com

13.11.5 Suzhou Dongmao Industrial Equipment Latest Developments
13.12 Hangzhou DEEP Robotics
13.12.1 Hangzhou DEEP Robotics Company Information
13.12.2 Hangzhou DEEP Robotics Lightweight Joint Modules Product Portfolios and Specifications
13.12.3 Hangzhou DEEP Robotics Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Hangzhou DEEP Robotics Main Business Overview
13.12.5 Hangzhou DEEP Robotics Latest Developments
13.13 China Leadshine Technology
13.13.1 China Leadshine Technology Company Information
13.13.2 China Leadshine Technology Lightweight Joint Modules Product Portfolios and Specifications
13.13.3 China Leadshine Technology Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 China Leadshine Technology Main Business Overview
13.13.5 China Leadshine Technology Latest Developments
13.14 Magiclab Robotics Technology(Wuxi)
13.14.1 Magiclab Robotics Technology(Wuxi) Company Information
13.14.2 Magiclab Robotics Technology(Wuxi) Lightweight Joint Modules Product Portfolios and Specifications
13.14.3 Magiclab Robotics Technology(Wuxi) Lightweight Joint Modules Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Magiclab Robotics Technology(Wuxi) Main Business Overview
13.14.5 Magiclab Robotics Technology(Wuxi) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Lightweight Joint Modules Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Lightweight Joint Modules Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of L Type Joint
Table 4. Major Players of I Type (Straight) Joint
Table 5. Global Lightweight Joint Modules Sales by Type (2021-2026) & (K Units)
Table 6. Global Lightweight Joint Modules Sales Market Share by Type (2021-2026)
Table 7. Global Lightweight Joint Modules Revenue by Type (2021-2026) & ($ million)
Table 8. Global Lightweight Joint Modules Revenue Market Share by Type (2021-2026)
Table 9. Global Lightweight Joint Modules Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Major Players of Linear Actuator
Table 11. Major Players of Rotary Actuator
Table 12. Global Lightweight Joint Modules Sales by Transmission Mechanism (2021-2026) & (K Units)
Table 13. Global Lightweight Joint Modules Sales Market Share by Transmission Mechanism (2021-2026)
Table 14. Global Lightweight Joint Modules Revenue by Transmission Mechanism (2021-2026) & ($ million)
Table 15. Global Lightweight Joint Modules Revenue Market Share by Transmission Mechanism (2021-2026)
Table 16. Global Lightweight Joint Modules Sale Price by Transmission Mechanism (2021-2026) & (US$/Unit)
Table 17. Major Players of Pneumatic
Table 18. Major Players of Hydraulic
Table 19. Major Players of Electric
Table 20. Global Lightweight Joint Modules Sales by Driving Method (2021-2026) & (K Units)
Table 21. Global Lightweight Joint Modules Sales Market Share by Driving Method (2021-2026)
Table 22. Global Lightweight Joint Modules Revenue by Driving Method (2021-2026) & ($ million)
Table 23. Global Lightweight Joint Modules Revenue Market Share by Driving Method (2021-2026)
Table 24. Global Lightweight Joint Modules Sale Price by Driving Method (2021-2026) &

+357 96 030922
info@marketpublishers.com

(US$/Unit)
Table 25. Global Lightweight Joint Modules Sale by Application (2021-2026) & (K Units)
Table 26. Global Lightweight Joint Modules Sale Market Share by Application (2021-2026)
Table 27. Global Lightweight Joint Modules Revenue by Application (2021-2026) & ($ million)
Table 28. Global Lightweight Joint Modules Revenue Market Share by Application (2021-2026)
Table 29. Global Lightweight Joint Modules Sale Price by Application (2021-2026) & (US$/Unit)
Table 30. Global Lightweight Joint Modules Sales by Company (2021-2026) & (K Units)
Table 31. Global Lightweight Joint Modules Sales Market Share by Company (2021-2026)
Table 32. Global Lightweight Joint Modules Revenue by Company (2021-2026) & ($ millions)
Table 33. Global Lightweight Joint Modules Revenue Market Share by Company (2021-2026)
Table 34. Global Lightweight Joint Modules Sale Price by Company (2021-2026) & (US$/Unit)
Table 35. Key Manufacturers Lightweight Joint Modules Producing Area Distribution and Sales Area
Table 36. Players Lightweight Joint Modules Products Offered
Table 37. Lightweight Joint Modules Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 38. New Products and Potential Entrants
Table 39. Market M&A Activity & Strategy
Table 40. Global Lightweight Joint Modules Sales by Geographic Region (2021-2026) & (K Units)
Table 41. Global Lightweight Joint Modules Sales Market Share Geographic Region (2021-2026)
Table 42. Global Lightweight Joint Modules Revenue by Geographic Region (2021-2026) & ($ millions)
Table 43. Global Lightweight Joint Modules Revenue Market Share by Geographic Region (2021-2026)
Table 44. Global Lightweight Joint Modules Sales by Country/Region (2021-2026) & (K Units)
Table 45. Global Lightweight Joint Modules Sales Market Share by Country/Region (2021-2026)
Table 46. Global Lightweight Joint Modules Revenue by Country/Region (2021-2026) &

+357 96 030922
info@marketpublishers.com

($ millions)
Table 47. Global Lightweight Joint Modules Revenue Market Share by Country/Region (2021-2026)
Table 48. Americas Lightweight Joint Modules Sales by Country (2021-2026) & (K Units)
Table 49. Americas Lightweight Joint Modules Sales Market Share by Country (2021-2026)
Table 50. Americas Lightweight Joint Modules Revenue by Country (2021-2026) & ($ millions)
Table 51. Americas Lightweight Joint Modules Sales by Type (2021-2026) & (K Units)
Table 52. Americas Lightweight Joint Modules Sales by Application (2021-2026) & (K Units)
Table 53. APAC Lightweight Joint Modules Sales by Region (2021-2026) & (K Units)
Table 54. APAC Lightweight Joint Modules Sales Market Share by Region (2021-2026)
Table 55. APAC Lightweight Joint Modules Revenue by Region (2021-2026) & ($ millions)
Table 56. APAC Lightweight Joint Modules Sales by Type (2021-2026) & (K Units)
Table 57. APAC Lightweight Joint Modules Sales by Application (2021-2026) & (K Units)
Table 58. Europe Lightweight Joint Modules Sales by Country (2021-2026) & (K Units)
Table 59. Europe Lightweight Joint Modules Revenue by Country (2021-2026) & ($ millions)
Table 60. Europe Lightweight Joint Modules Sales by Type (2021-2026) & (K Units)
Table 61. Europe Lightweight Joint Modules Sales by Application (2021-2026) & (K Units)
Table 62. Middle East & Africa Lightweight Joint Modules Sales by Country (2021-2026) & (K Units)
Table 63. Middle East & Africa Lightweight Joint Modules Revenue Market Share by Country (2021-2026)
Table 64. Middle East & Africa Lightweight Joint Modules Sales by Type (2021-2026) & (K Units)
Table 65. Middle East & Africa Lightweight Joint Modules Sales by Application (2021-2026) & (K Units)
Table 66. Key Market Drivers & Growth Opportunities of Lightweight Joint Modules
Table 67. Key Market Challenges & Risks of Lightweight Joint Modules
Table 68. Key Industry Trends of Lightweight Joint Modules
Table 69. Lightweight Joint Modules Raw Material
Table 70. Key Suppliers of Raw Materials
Table 71. Lightweight Joint Modules Distributors List

+357 96 030922
info@marketpublishers.com

Table 72. Lightweight Joint Modules Customer List
Table 73. Global Lightweight Joint Modules Sales Forecast by Region (2027-2032) & (K Units)
Table 74. Global Lightweight Joint Modules Revenue Forecast by Region (2027-2032) & ($ millions)
Table 75. Americas Lightweight Joint Modules Sales Forecast by Country (2027-2032) & (K Units)
Table 76. Americas Lightweight Joint Modules Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 77. APAC Lightweight Joint Modules Sales Forecast by Region (2027-2032) & (K Units)
Table 78. APAC Lightweight Joint Modules Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 79. Europe Lightweight Joint Modules Sales Forecast by Country (2027-2032) & (K Units)
Table 80. Europe Lightweight Joint Modules Revenue Forecast by Country (2027-2032) & ($ millions)
Table 81. Middle East & Africa Lightweight Joint Modules Sales Forecast by Country (2027-2032) & (K Units)
Table 82. Middle East & Africa Lightweight Joint Modules Revenue Forecast by Country (2027-2032) & ($ millions)
Table 83. Global Lightweight Joint Modules Sales Forecast by Type (2027-2032) & (K Units)
Table 84. Global Lightweight Joint Modules Revenue Forecast by Type (2027-2032) & ($ millions)
Table 85. Global Lightweight Joint Modules Sales Forecast by Application (2027-2032) & (K Units)
Table 86. Global Lightweight Joint Modules Revenue Forecast by Application (2027-2032) & ($ millions)
Table 87. HIGEN RNM Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 88. HIGEN RNM Lightweight Joint Modules Product Portfolios and Specifications
Table 89. HIGEN RNM Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 90. HIGEN RNM Main Business
Table 91. HIGEN RNM Latest Developments
Table 92. Harmonic Drive Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 93. Harmonic Drive Lightweight Joint Modules Product Portfolios and

+357 96 030922
info@marketpublishers.com

Specifications
Table 94. Harmonic Drive Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 95. Harmonic Drive Main Business
Table 96. Harmonic Drive Latest Developments
Table 97. Infranor Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 98. Infranor Lightweight Joint Modules Product Portfolios and Specifications
Table 99. Infranor Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 100. Infranor Main Business
Table 101. Infranor Latest Developments
Table 102. Kollmorgen Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 103. Kollmorgen Lightweight Joint Modules Product Portfolios and Specifications
Table 104. Kollmorgen Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 105. Kollmorgen Main Business
Table 106. Kollmorgen Latest Developments
Table 107. Ti5Robot Technology Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 108. Ti5Robot Technology Lightweight Joint Modules Product Portfolios and Specifications
Table 109. Ti5Robot Technology Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 110. Ti5Robot Technology Main Business
Table 111. Ti5Robot Technology Latest Developments
Table 112. GUANGZHOU HAOZHI INDUSTRIAL Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 113. GUANGZHOU HAOZHI INDUSTRIAL Lightweight Joint Modules Product Portfolios and Specifications
Table 114. GUANGZHOU HAOZHI INDUSTRIAL Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 115. GUANGZHOU HAOZHI INDUSTRIAL Main Business
Table 116. GUANGZHOU HAOZHI INDUSTRIAL Latest Developments
Table 117. Techrobots (Shenzhen) Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 118. Techrobots (Shenzhen) Lightweight Joint Modules Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

Table 119. Techrobots (Shenzhen) Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 120. Techrobots (Shenzhen) Main Business
Table 121. Techrobots (Shenzhen) Latest Developments
Table 122. Suzhou SIP Gears Intelligent Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 123. Suzhou SIP Gears Intelligent Lightweight Joint Modules Product Portfolios and Specifications
Table 124. Suzhou SIP Gears Intelligent Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 125. Suzhou SIP Gears Intelligent Main Business
Table 126. Suzhou SIP Gears Intelligent Latest Developments
Table 127. HC Motion Control Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 128. HC Motion Control Lightweight Joint Modules Product Portfolios and Specifications
Table 129. HC Motion Control Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 130. HC Motion Control Main Business
Table 131. HC Motion Control Latest Developments
Table 132. Shenzhen Komo Robot Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 133. Shenzhen Komo Robot Lightweight Joint Modules Product Portfolios and Specifications
Table 134. Shenzhen Komo Robot Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 135. Shenzhen Komo Robot Main Business
Table 136. Shenzhen Komo Robot Latest Developments
Table 137. Suzhou Dongmao Industrial Equipment Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 138. Suzhou Dongmao Industrial Equipment Lightweight Joint Modules Product Portfolios and Specifications
Table 139. Suzhou Dongmao Industrial Equipment Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 140. Suzhou Dongmao Industrial Equipment Main Business
Table 141. Suzhou Dongmao Industrial Equipment Latest Developments
Table 142. Hangzhou DEEP Robotics Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 143. Hangzhou DEEP Robotics Lightweight Joint Modules Product Portfolios and

+357 96 030922
info@marketpublishers.com

Specifications
Table 144. Hangzhou DEEP Robotics Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 145. Hangzhou DEEP Robotics Main Business
Table 146. Hangzhou DEEP Robotics Latest Developments
Table 147. China Leadshine Technology Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 148. China Leadshine Technology Lightweight Joint Modules Product Portfolios and Specifications
Table 149. China Leadshine Technology Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 150. China Leadshine Technology Main Business
Table 151. China Leadshine Technology Latest Developments
Table 152. Magiclab Robotics Technology(Wuxi) Basic Information, Lightweight Joint Modules Manufacturing Base, Sales Area and Its Competitors
Table 153. Magiclab Robotics Technology(Wuxi) Lightweight Joint Modules Product Portfolios and Specifications
Table 154. Magiclab Robotics Technology(Wuxi) Lightweight Joint Modules Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 155. Magiclab Robotics Technology(Wuxi) Main Business
Table 156. Magiclab Robotics Technology(Wuxi) Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Lightweight Joint Modules
Figure 2. Lightweight Joint Modules Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Lightweight Joint Modules Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Lightweight Joint Modules Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Lightweight Joint Modules Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Lightweight Joint Modules Sales Market Share by Country/Region (2025)
Figure 10. Lightweight Joint Modules Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of L Type Joint
Figure 12. Product Picture of I Type (Straight) Joint
Figure 13. Global Lightweight Joint Modules Sales Market Share by Type in 2026
Figure 14. Global Lightweight Joint Modules Revenue Market Share by Type (2021-2026)
Figure 15. Product Picture of Linear Actuator
Figure 16. Product Picture of Rotary Actuator
Figure 17. Global Lightweight Joint Modules Sales Market Share by Transmission Mechanism in 2026
Figure 18. Global Lightweight Joint Modules Revenue Market Share by Transmission Mechanism (2021-2026)
Figure 19. Product Picture of Pneumatic
Figure 20. Product Picture of Hydraulic
Figure 21. Product Picture of Electric
Figure 22. Global Lightweight Joint Modules Sales Market Share by Driving Method in 2026
Figure 23. Global Lightweight Joint Modules Revenue Market Share by Driving Method (2021-2026)
Figure 24. Lightweight Joint Modules Consumed in Humanoid Robot
Figure 25. Global Lightweight Joint Modules Market: Humanoid Robot (2021-2026) & (K Units)
Figure 26. Lightweight Joint Modules Consumed in Robot Dog

+357 96 030922
info@marketpublishers.com

Figure 27. Global Lightweight Joint Modules Market: Robot Dog (2021-2026) & (K Units)
Figure 28. Lightweight Joint Modules Consumed in Robot Arm
Figure 29. Global Lightweight Joint Modules Market: Robot Arm (2021-2026) & (K Units)
Figure 30. Lightweight Joint Modules Consumed in Others
Figure 31. Global Lightweight Joint Modules Market: Others (2021-2026) & (K Units)
Figure 32. Global Lightweight Joint Modules Sale Market Share by Application (2025)
Figure 33. Global Lightweight Joint Modules Revenue Market Share by Application in 2025
Figure 34. Lightweight Joint Modules Sales by Company in 2025 (K Units)
Figure 35. Global Lightweight Joint Modules Sales Market Share by Company in 2025
Figure 36. Lightweight Joint Modules Revenue by Company in 2025 ($ millions)
Figure 37. Global Lightweight Joint Modules Revenue Market Share by Company in 2025
Figure 38. Global Lightweight Joint Modules Sales Market Share by Geographic Region (2021-2026)
Figure 39. Global Lightweight Joint Modules Revenue Market Share by Geographic Region in 2025
Figure 40. Americas Lightweight Joint Modules Sales 2021-2026 (K Units)
Figure 41. Americas Lightweight Joint Modules Revenue 2021-2026 ($ millions)
Figure 42. APAC Lightweight Joint Modules Sales 2021-2026 (K Units)
Figure 43. APAC Lightweight Joint Modules Revenue 2021-2026 ($ millions)
Figure 44. Europe Lightweight Joint Modules Sales 2021-2026 (K Units)
Figure 45. Europe Lightweight Joint Modules Revenue 2021-2026 ($ millions)
Figure 46. Middle East & Africa Lightweight Joint Modules Sales 2021-2026 (K Units)
Figure 47. Middle East & Africa Lightweight Joint Modules Revenue 2021-2026 ($ millions)
Figure 48. Americas Lightweight Joint Modules Sales Market Share by Country in 2025
Figure 49. Americas Lightweight Joint Modules Revenue Market Share by Country (2021-2026)
Figure 50. Americas Lightweight Joint Modules Sales Market Share by Type (2021-2026)
Figure 51. Americas Lightweight Joint Modules Sales Market Share by Application (2021-2026)
Figure 52. United States Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 53. Canada Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 54. Mexico Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 55. Brazil Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 56. APAC Lightweight Joint Modules Sales Market Share by Region in 2025

+357 96 030922
info@marketpublishers.com

Figure 57. APAC Lightweight Joint Modules Revenue Market Share by Region (2021-2026)
Figure 58. APAC Lightweight Joint Modules Sales Market Share by Type (2021-2026)
Figure 59. APAC Lightweight Joint Modules Sales Market Share by Application (2021-2026)
Figure 60. China Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 61. Japan Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 62. South Korea Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 63. Southeast Asia Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 64. India Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 65. Australia Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 66. China Taiwan Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 67. Europe Lightweight Joint Modules Sales Market Share by Country in 2025
Figure 68. Europe Lightweight Joint Modules Revenue Market Share by Country (2021-2026)
Figure 69. Europe Lightweight Joint Modules Sales Market Share by Type (2021-2026)
Figure 70. Europe Lightweight Joint Modules Sales Market Share by Application (2021-2026)
Figure 71. Germany Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 72. France Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 73. UK Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 74. Italy Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 75. Russia Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 76. Middle East & Africa Lightweight Joint Modules Sales Market Share by Country (2021-2026)
Figure 77. Middle East & Africa Lightweight Joint Modules Sales Market Share by Type (2021-2026)
Figure 78. Middle East & Africa Lightweight Joint Modules Sales Market Share by Application (2021-2026)
Figure 79. Egypt Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 80. South Africa Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 81. Israel Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 82. Turkey Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)
Figure 83. GCC Countries Lightweight Joint Modules Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 84. Manufacturing Cost Structure Analysis of Lightweight Joint Modules in 2026
Figure 85. Manufacturing Process Analysis of Lightweight Joint Modules
Figure 86. Industry Chain Structure of Lightweight Joint Modules
Figure 87. Channels of Distribution
Figure 88. Global Lightweight Joint Modules Sales Market Forecast by Region (2027-2032)
Figure 89. Global Lightweight Joint Modules Revenue Market Share Forecast by Region (2027-2032)
Figure 90. Global Lightweight Joint Modules Sales Market Share Forecast by Type (2027-2032)
Figure 91. Global Lightweight Joint Modules Revenue Market Share Forecast by Type (2027-2032)
Figure 92. Global Lightweight Joint Modules Sales Market Share Forecast by Application (2027-2032)
Figure 93. Global Lightweight Joint Modules Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Lightweight Joint Modules Market Growth 2026-2032

Product link: https://marketpublishers.com/r/G56D1A017757EN.html

Price: US$ 3,660.00 (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/G56D1A017757EN.html