

Global Humanoid Robot Joint Motor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Humanoid Robot Joint Motor market size was valued at US\$ 163 million in 2024 and is forecast to a readjusted size of USD 358 million by 2031 with a CAGR of 10.7% during review period.

Humanoid robot joint motor is a kind of motor installed in each joint part of humanoid robot, which is used to drive and control joint motion. These motors are one of the key components to realize robot limb movement, posture adjustment and overall movement. They need to have high accuracy, high response speed, sufficient torque output, etc. to ensure that robots can perform complex actions and maintain stability and flexibility.

This report is a detailed and comprehensive analysis for global Humanoid Robot Joint Motor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Humanoid Robot Joint Motor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Humanoid Robot Joint Motor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices

(US\$/Unit), 2020-2031

Global Humanoid Robot Joint Motor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Humanoid Robot Joint Motor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Humanoid Robot Joint Motor
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Humanoid Robot Joint Motor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kollmorgen, MAXON, Texas Instruments, Harmonic Drive, Nabtesco Corporation, Mitsubishi Electric Corporation, Tesla, ASBIS, Nanchang Cubemars Intelligent Technology, Guangdong Todetech Automation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Humanoid Robot Joint Motor market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Servo Motor

Stepper Motor

Others

Market segment by Application

Industrial Humanoid Robot

Humanoid Robot for Service

Others

Major players covered

Kollmorgen

MAXON

Texas Instruments

Harmonic Drive

Nabtesco Corporation

Mitsubishi Electric Corporation

Tesla

ASBIS

Nanchang Cubemars Intelligent Technology

Guangdong Todetech Automation

Beijing Lingzu Times Technology

Nanjing Encos Intelligent Technology

Hangzhou DeepRobotics Technology

Ti5 Robot Technology (Shanghai)

Shenzhen Tech Robot

Hangzhou Unitree Technology

Zhengzhou Avatar Intelligent Equipment

Shenzhen Kinmore Motor

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Humanoid Robot Joint Motor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Humanoid Robot Joint Motor, with price, sales quantity, revenue, and global market share of Humanoid Robot Joint Motor from 2020 to 2025.

Chapter 3, the Humanoid Robot Joint Motor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Humanoid Robot Joint Motor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Humanoid Robot Joint Motor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Humanoid Robot Joint Motor.

Chapter 14 and 15, to describe Humanoid Robot Joint Motor sales channel, distributors, customers, research findings and conclusion.

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