

Global AI Robots Market - Forecast to 2030

Market Report | 2023-11-20 | 134 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$4950.00
- Enterprisewide Price \$7250.00

Report description:

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Market Overview

Global AI Robots Market is anticipated to register an incredible CAGR of 29.4% during the review period. There has been a huge flood in interests in man-made reasoning (AI) across different businesses, throughout the course of recent years. The capability of AI to alter business processes, further develop productivity, and drive advancement has caught the consideration of organizations and financial backers around the world. Therefore, AI mechanical technology, which consolidates AI innovations with mechanical technology frameworks, has arisen as a promising market with huge open doors.

The global populace is encountering a huge segment shift, with a quickly expanding maturing populace. This segment pattern presents different difficulties, including the requirement for further developed medical care, help, and backing for the old. In light of these difficulties, the AI mechanical technology market has recognized a huge open door in creating AI-based robots for older help.

The rising interests in AI can be credited to a few elements. Progressions in AI advances, especially in machine, right off the bat, learning and profound learning calculations, have prepared for more modern and skilled AI frameworks. This has energized trust in the capability of AI to convey huge worth across businesses, including mechanical technology.

Market Segmentation

Based on ship type, the market is divided into two segments: totally electric and hybrid ships. Based on the System, the market categories include Energy Storage Systems, Power Generation, Power Conversion, and Power Distribution Systems.

Based on ship type, the market for electric ships is divided into commercial and defense categories. Within the Commercial Ship Type segment, there are three more categories: Cargo Vessels, Passenger Vessels, and Others.

Based on power, the electric ship market is split into four segments: 75-150 kW, 151-745 kW, 746-7,560 kW, and <75 kW. Based on range, the market is split into four segments: <50 km, 50-100 km, 101-1,000 km, and >1,000 km. The portion operated by remotely operated, autonomous, and manned systems.

Regional Insights

The Asia Pacific area's market for AI Robots Market is growing massively because of the main countries like China, Japan, South

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Korea, and Singapore. These nations are setting up a good foundation for themselves as trailblazers in assembling and conveying computerized reasoning robots. These nations have made critical interests in Research and development, advancing advancement and supporting market development. As per the Global Organization of Advanced mechanics, Asia keeps on being the world's biggest modern robot market. In 2021, Asia represented 74% of all recently sent robots where China had a 51% increment in establishments, with 268,195 units sold. Likewise, Japan remains the second-biggest market for modern robots. In 2021, establishments expanded by 22% to 47,182 units as well as the functional stock was 393,326 units (+5%).

Major Players

Key Companies in the AI Robots Market include Nvidia Corporation, Abb Ltd, Intel Corporation, 1X, Google (Alphabet Inc), IBM Corporation, Hanson Robotics, Boston Dynamics, Xilinx Inc (AMD), Fanuc Corporation, KUKA AG, Blue Frog Robotics, Promobot, Vicarious FPC, Inc, Neurala Inc., Veo Robotics Inc, and Miso Robotics Inc.

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