

Autonomous Robot Market Projected to Reach USD 17,729 Million By 2027 | Global Report by Facts & Factors

Global Autonomous Robot market expected to reach a value of around USD 17,729 million by 2027, at a CAGR of around 14.14% between 2019 and 2027.

NEW YORK, UNITED STATES, February 19, 2020 /EINPresswire.com/ -- Facts and Factors Market Research has published a new report titled "[Autonomous Robot Market](#) By Mode of Operation (Human Operated and Autonomous), By Mobile Product (Unmanned Ground Vehicle (UGV), Unmanned Marine Vehicle (UMV), and Unmanned Aerial Vehicle (UAV)), and By End-User (Industrial & Manufacturing, Power & Energy, Logistics & Warehouse, Aerospace & Defense, Oil & Gas, Forest & Agriculture, Medical & Healthcare, and Mining & Minerals): Global Industry Perspective, Comprehensive Analysis, and Forecast, 2018 – 2027".



Autonomous Robot Market

According to the report, the global Autonomous Robot market is predicted to be valued at approximately USD 5,365 million in 2018 and is expected to reach a value of around USD 17,729 million by 2027, at a CAGR of around 14.14% between 2019 and 2027.

An autonomous robot carries out tasks with a higher level of autonomy. These robots are utilized for increasing the precision, exactness, and speed of the day-to-day activities in warehousing, thereby enhancing the proficiency & output in the manufacturing sector. In addition to this, these robots are likely to find a spectrum of applications across domains such as spaceflight, wastewater treatment, and household maintenance.

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Furthermore, autonomous robots are designed to take decisions like humans and perform the task accordingly. An autonomous robot can acquire environmental data and operate for an extended timespan without any human interference.

Escalating usage of autonomous robots across myriad sectors to steer the market growth

The growth of the industry during the forecast timeline is owing to the large-scale use of autonomous robots across various industries. Moreover, the products are utilized in healthcare, factories, defense operations, households, and security purposes.

Furthermore, high risks to human life in various factories such as mineral & mining will generate a humungous demand for autonomous robots. Moreover, autonomous marine robots help in the exploration of most extreme oceanic conditions without any human intervention. For instance, in mining activities, workers cannot reach the underground surface due to high temperatures and these underground operations are carried out by the autonomous robots. All these aforementioned factors are predicted to play a pivotal role in favorably leveraging the growth of the market during the period from 2019 to 2027.

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Apart from this, mounting the production of deep-water offshore oil & gas along with the need for fortifying maritime safety will steer the growth of the market. Nonetheless, the high costs of deployment of the autonomous robots facility can pose a threat to the market expansion over the forecast timeline. However, growing demand for unmanned aerial vehicles and drones for defense purposes along with massive product demand across the emerging economies will open new horizons of growth for the business over the period from 2019 to 2027.

Human Operated to lead the mode of operation segment over 2019- 2027 in terms of value

The growth of the human-operated segment during the forecast timeline is owing to the high demand for human-operated robots in food & beverages, defense & security, healthcare, and manufacturing sectors.

Aerospace & defense segment to dominate the end-user landscape by 2027

The growth of the segment during the forecast timeline is due to the burgeoning demand for the autonomous robots across the aerospace & defense sector during the forecast timeline. Moreover, these products are utilized in detecting bombs, rescue functions, intrusion systems, and safe transport activities. Apparently, high funding of defense activities by various governments across the globe will further proliferate the market demand over the timespan from 2019 to 2027.

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North America to account for a major revenue share of the overall market during the forecast timeline

The growth of the market in the region during the forecast period is owing to the growing acceptance of new technology resulting in huge sales of these robots. Apart from this, the manufacturing of autonomous vehicles along with the massive adoption of autonomous mobile robots for product delivery will further scale up the expansion of the autonomous robot industry in North America.

Some of the key participants in the business include Omron Adept Technologies, Fetch Robotics, Locus Robotics, Seegrid Corporation, Clearpath Robotics, Hi Tech Robotics Systemz, Swisslog, GeckoSystems, Aethon, Aviation Industry Corporation of China, Oceaneering, Mobile Industrial Robots, SAAB, SMP Robotics, Bluefin Robotic, Cimcorp Automation, and Vecna.

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This report segments the Autonomous Robot market as follows:

Autonomous Robot Market: By Mode of Operation Analysis

Human Operated

Tethered
Untethered

Autonomous

Semi-Autonomous
Fully Autonomous

Autonomous Robot Market: By Mobile Product Analysis

Unmanned Ground Vehicle (UGV)
Unmanned Marine Vehicle (UMV)
Unmanned Aerial Vehicle (UAV)

Autonomous Robot Market: By End-User Analysis

Industrial & Manufacturing
Aerospace & Defense
Oil & Gas
Logistics & Warehouse
Medical & Healthcare
Mining & Minerals
Forest & Agriculture
Power & Energy

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