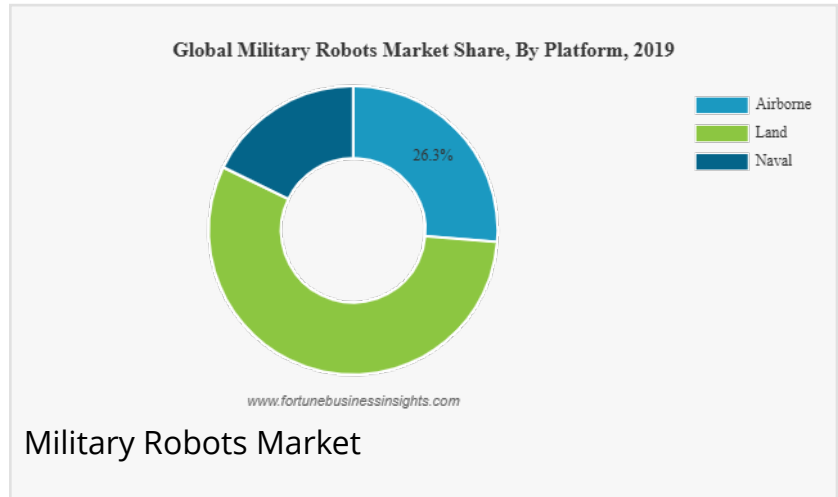


Military Robots Market Size, Share & Industry Analysis to Reach USD 64.13 Billion by 2032, Growing at 12.50% CAGR

Key companies covered in the military robots market include Northrop Grumman Corporation, Thales Group, BAE Systems, and Raytheon Technologies.

PUNE, MAHARASHTRA, INDIA,
September 23, 2025 /

EINPresswire.com/ -- The global [military robots market](#) was valued at USD 13.87 billion in 2019 and is projected to grow from USD 13.03 billion in 2020 to USD 64.13 billion by 2032, registering a CAGR of 12.5% during the forecast period from 2020 to 2032. In 2019, Europe led the market with a 33.74% share, reflecting its strong adoption of advanced military robotics technologies.



Fortune Business Insights™ presents this information in its report titled "Military Robots Market, 2020-2032."

List of Key Players Profiled in the Report:

Northrop Grumman Corporation (The U.S.)
Thales Group (France)
FLIR Systems, Inc. (The U.S.)
Clearpath Robotics Inc. (Canada)
Cobham Limited (The U.K.)
QinetiQ (The U.K.)
AeroVironment, Inc. (The U.S.)
BAE Systems. (The U.K.)
Elbit Systems Ltd. (Israel)
Raytheon Technologies (The U.S.)

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Market Drivers and Restraints

Integration of Advanced Technologies in Military Robots to Propel Market Growth

A significant market driver is the integration of advanced technologies such as artificial intelligence (AI), the Internet of Things (IoT), and real-time data monitoring. These technologies drastically change modern warfare dynamics by allowing robots to identify and monitor threats, track targets, and perform counter-attacks, minimizing risk to soldiers. The growing trend of synergizing humans and robots on the battlefield to perform tasks faster and with more precision is also expected to accelerate the adoption of unmanned military systems.

However, the high initial costs associated with procuring and programming these sophisticated robots can inhibit market growth. Small companies may find it difficult to invest due to high design and manufacturing costs. Additionally, the repetitive tasks performed by some robots can enable enemies to track their operations, creating a tactical disadvantage and acting as a restraint on the market.

Market Segmentation

Land Segment to Hold High Market Share Attributable to Rising Border Security Concerns

By platform, the market is segmented into airborne, land, and naval. The land segment is expected to grow significantly during the forecast period due to the higher adoption of land robots for tactical applications, rising investment in upgrading ground robots, and increasing border security concerns, especially in Asian countries.

Autonomous Segment to Lead Backed by Integration of Advanced Technologies

As per the mode of operation, the market is classified into semi-autonomous and autonomous. The autonomous segment is expected to grow significantly, driven by the use of advanced aerial robots equipped with weapons for reconnaissance missions. The integration of technologies such as LiDAR, fiber optics, and 3D imaging into autonomous robots is also a key growth factor.

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Intelligence, Surveillance, and Reconnaissance (ISR) Segment to Dominate Attributable to Growing Demand for Tactical Data

Based on application, the market is classified into intelligence, surveillance, and reconnaissance (ISR), search and rescue, combat support, transportation, and others. The ISR segment is expected to dominate the market, driven by the high dependency of defense forces on UAVs and UGVs to monitor and gather detailed information about enemy locations and activities.

Regional Insights

Presence of Major Manufacturers to Foster Market Progress in Europe

Europe is expected to lead the market share, holding 33.74% of the market in 2019. This is attributable to the presence of a large number of service robot manufacturers and a strong command of integrating a broad spectrum of technologies.

The Asia Pacific market is projected to grow exponentially in the coming years, fueled by significant investments from China and India in emerging technologies such as artificial intelligence and nanotechnology to enhance the capabilities of their military robots. North America is also expected to grow significantly due to a large number of suppliers and government interest in R&D activities.

Competitive Landscape

Key Players Focus on Introducing Technologically Advanced Military Robots

The key players operating in this industry are focused on strengthening their market position by upgrading their robot offerings for different military applications. Key suppliers are integrating robots with advanced technologies like AI and IoT to enhance their features. For instance, in February 2019, FLIR Systems, Inc. acquired Endeavor Robotics for approximately USD 382 million, enabling FLIR to establish a competitive edge in ground-based robots and unmanned aerial vehicles.

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Report Coverage

The report provides a detailed analysis of the top segments and the latest trends in the market. It comprehensively discusses the driving and restraining factors and the impact of COVID-19 on the market. Additionally, it examines the regional developments and the strategies undertaken by the market's key players.

Key Industry Developments:

November 2020: Tyndall Air Force Base became the first in the U.S. to use semi-autonomous robot dogs for patrolling its base, enhancing situational awareness in remote locations.

September 2020: AeroVironment, Inc. entered into an agreement with Robotic Skies to provide field maintenance, inspection, and repair support, thereby offering advanced after-sales support to its clients.

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[LiDAR Drone Market Size, Forecast, 2021-2028](#)

Ashwin Arora
Fortune Business Insights™ Pvt. Ltd.
+1 833-909-2966
sales@fortunebusinessinsights.com

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