

Military Robots Market Size, Share & Trends Analysis Report By Product

*The Business Research Company's
Military Robots Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

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/EINPresswire.com/ -- What Is The
[Military Robots](#) Market Size And
Growth?

In recent times, the market size for military robots has witnessed robust growth. It is projected to rise from \$22.11 billion in 2024 to \$23.85 billion in 2025, representing a compound annual growth rate (CAGR) of 7.9%. The historical growth can be traced back to factors such as military modernization, counter-terrorism and asymmetric warfare, the protection of human troops, and global conflicts.



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In the forthcoming years, the military robots market is anticipated to witness significant expansion. The market is predicted to escalate to \$33.07 billion in 2029, with a compound annual growth rate (CAGR) of 8.5%. Factors contributing to the growth during the projection period include autonomous systems, swarm robotics, urban warfare, and cross-domain integration. Some significant trends expected during the projection period are the utilization of artificial intelligence, human-robot

collaboration, miniaturization and portability, and counter-drone technology.

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What Are The Current Leading Growth Drivers For Military Robots Market?

The expansion of the market can be linked to the growing adoption of terrestrial military robots by several nations for fortifying their border security. These border security robots, which leverage hybrid wireless sensor networks, have emerged as a solution to national security issues.

The main aim of these border patrol robots is to ensure the safety of security officers assigned to border monitoring duties. Border patrol mechanisms making use of the PIR sensor for human recognition and a metal detector for explosives detection can effectively identify border incursions with minimal human intervention. This system further incorporates a wireless camera for constant border supervision. The realization that autonomous military systems can reduce expenses, elevate efficiency, allow for wider military missions and above all, protect security personnel from danger, has led to an increased uptake of military robots for border security across different nations. As such, this acceleration in adoption rates is projected to underpin the growth of the military robot market.

Which Companies Are Currently Leading In The Military Robots Market?

Major players in the Military Robots Global Market Report 2025 include:

- Lockheed Martin Corporation
- Northrup Grumman Corporation
- General Dynamics Corporation
- BAE Systems
- Aerovironment Inc
- Irobot
- Boston Dynamics
- Thales Group
- Turkish Aerospace Industries Inc.
- QinetiQ

What Are The Main Trends, Positively Impacting The Growth Of Military Robots Market?

Military operations are enriched by the multi-mission robots, tailored to perform tasks across multiple domains. Robots, unlike humans, are immune to physical and psychological fatigue. Advancements in the technology of electronic components and miniaturization have greatly expanded the operational versatility of robots. Their higher tolerance against damage from bombs and weapons leads to improved safety. In contemporary times, robots are programmed with specific tasks and are individually armed. The integration of the payloads that these robots carry can be done as per the mission's needs. For example, 710 Kobra, a robust multi-mission robot is developed by the American robotics company, iRobot Defense & Security (now known as Endeavor Robotics Holdings). This is designed to enhance the safety and success rate of missions for soldiers and first responders, along with security staff.

How Is The Military Robots Market Segmented?

The military robots market covered in this report is segmented –

- 1) By Platform: Land, Marine, Airborne
- 2) By Payload: Sensors, Cameras, LCD Screens, Weapons, Radar, Others
- 3) By Application: ISR, Search and Rescue, Combat Support, Transportation, EOD, Mine Clearance, Firefighting
- 4) By End User: Armed Forces, Homeland Securities

Subsegments:

- 1) By Land: Unmanned Ground Vehicles (UGVs), Autonomous Ground Vehicles (AGVs), Robot Soldiers, Tactical Robots, Bomb Disposal Robots
- 2) By Marine: Unmanned Underwater Vehicles (UUVs), Unmanned Surface Vehicles (USVs), Autonomous Maritime Vehicles
- 3) By Airborne: Unmanned Aerial Vehicles (UAVs), Tactical Drones, Autonomous Airborne Vehicles (AAVs), Combat Drones

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Which Is The Dominating Region For The Military Robots Market?

In the 2025 Global Military Robots Market Report, North America leads as the region with the most substantial market share and is also forecasted to experience the most rapid growth. The report includes other regions such as Asia-Pacific, Western Europe, Eastern Europe, South America, the Middle East, and Africa.

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