

# Robotic Warfare Market CAGR to be at 9.6% from 2025 to 2029 | \$54.29 Billion Industry Revenue by 2029

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

LONDON, GREATER LONDON, UNITED  
KINGDOM, August 26, 2025

/EINPresswire.com/ -- What Is The  
Projected Market Size & [Growth Rate  
Of The Robotic Warfare Market?](#)



The Business  
Research Company

The Business Research Company

The size of the robotic warfare market has seen robust growth over recent times. The market, which is expected to be valued at \$34.18 billion in 2024, is projected to escalate to \$37.59 billion in 2025, growing at a compound annual growth rate (CAGR) of 10.0%. Factors leading to this growth during the historic period include an increment in defense budgets, heightened demand for force protection, a surge in the risk of asymmetric warfare, boosted investment in autonomous innovations, and a growth in military casualties in standard disputes.



Get 30% Off All Global  
Market Reports With Code  
ONLINE30 – Stay Ahead Of  
Trade Shifts,  
Macroeconomic Trends, And  
Industry Disruptors”

*The Business Research  
Company*

In the coming years, the size of the robotic warfare market is predicted to undergo a significant expansion. The market is projected to soar to a staggering \$54.29 billion in 2029, with a compound annual growth rate (CAGR) of 9.6%. Factors such as escalating geopolitical conflicts, increased

use of intelligent combat systems, advancements in cyber warfare skills, heightened focus on border protection, and the requirement for independent surveillance, primarily fuel this growth within the predicted period. The period is also expected to see crucial developments such as advancing human-robot cooperation models, incorporating robots with satellite systems, integrating combat drones into military strategies, fostering energy-efficient robotics, and innovating modular robotic frameworks.

Download a free sample of the robotic warfare market report:

### What Is The Crucial Factor Driving The Global Robotic Warfare Market?

Escalating geopolitical conflicts are projected to drive the expansion of the robotic warfare market. Geopolitical frictions, characterized by strained economic, political, or military relations between nations or regions, often result from disagreements on territorial boundaries, national interests, or power constellations. Such frictions are escalating due to territorial conflicts, leading to increased military preparations and diplomatic standoffs over disputed boundaries or areas. Robotic warfare, with its sophisticated autonomous systems, increases national military capabilities, impacts power dynamics, and serves as a strategic instrument for managing or escalating geopolitical pressures. For example, Euronews SA, a television network based in France, reported in January 2025 that global conflicts escalated in 2024, with an increase of 25% in political violence compared to 2023, impacting one out of every eight people and resulting in around 223,000 deaths. There was also a 37% surge in overall fatalities. Accordingly, increasing geopolitical tensions are fuelling the expansion of the robotic warfare market.

### Who Are The Emerging Players In The Robotic Warfare Market?

Major players in the Robotic Warfare Global Market Report 2025 include:

- Raytheon Technologies Corporation
- Lockheed Martin Corporation
- Airbus Defence and Space GmbH
- BAE Systems plc
- Northrop Grumman Systems Corporation
- Thales Group
- Leonardo S.p.A.
- Textron Inc.
- Rheinmetall AG
- Elbit Systems Ltd.

### What Are The Key Trends Shaping The [Robotic Warfare Industry](#)?

The concentration of prominent industry players in the robotic warfare sector is on developing revolutionary solutions, such as autonomous unmanned ground vehicles (UGVs), to enhance battlefield productivity and minimize combat risks to humans. Autonomous UGVs are robotic systems that manoeuvre on the ground without the need for direct human supervision. These systems utilize sensors and artificial intelligence to navigate and perform roles in military or hazardous circumstances. For example, Elbit Systems Ltd., a defence contractor based in Israel, in conjunction with the Israel Ministry of Defense (MoD) and other Israeli defence companies, launched the Medium Robotic Combat Vehicle (M-RCV) in June 2022. This state-of-the-art 6x6 unmanned ground vehicle is fitted with a 30mm autonomous turret, the Iron Fist active protection system and a host of advanced autonomous navigation and maneuvering technologies. The vehicle also has integrated UAV deployment and retrieval capabilities, exceptional situational awareness sensors and supports anti-tank missiles. Constructed to carry

heavy and diverse missions load, the M-RCV facilitates extremely autonomous reconnaissance and combat operations in various terrains and climates, entailing minimal human interaction.

### What Segments Are Covered In The Robotic Warfare Market Report?

The robotic warfare market covered in this report is segmented –

- 1) By Types: Unmanned Platforms And Systems, Exoskeleton And Wearables, Target Acquisition Systems, Turret And Weapon Systems, Other Types
- 2) By Mode Of Operation: Autonomous, Semi Autonomous
- 3) By Platform: Land, Marine, Airborne
- 4) By Application: Intelligence, Surveillance And Reconnaissance, Combat Operations, Search And Rescue, Transportation, Mine Clearance, Explosive Ordnance Disposal, Firefighting
- 5) By End User: Military Forces, Homeland Security, Law Enforcement, Special Forces, Fire Departments

### Subsegments:

- 1) By Unmanned Platforms And Systems: Autonomous Unmanned Ground Vehicles, Unmanned Aerial Vehicles (UAVs) Or Drones, Unmanned Surface Vehicles, Unmanned Underwater Vehicles, Hybrid Or Multidomain Robotic Systems
- 2) By Exoskeleton And Wearables: Powered Combat Exoskeletons, Load-Bearing Exosuits, Augmented Reality (AR) Combat Helmets, Sensor-Integrated Combat Wearables, Medical Or Support Wearables
- 3) By Target Acquisition Systems: Autonomous Target Recognition Systems, Electro-Optical Targeting Pods, Artificial Intelligence-Driven Surveillance Drones, Infrared And Thermal Imaging Systems, Radar-Based Targeting Systems
- 4) By Turret And Weapon Systems: Remote Weapon Stations (RWS), Autonomous Turret Systems, Artificial Intelligence-Based Fire Control Systems, Loitering Munitions (Suicide Drones), Robotic Sniper Platforms
- 5) By Other Types: Combat Robotics Software, C2 (Command and Control) Robotic Interfaces, Robotic Mine Clearance Systems, Logistics And Supply Robots, Training And Simulation Robots

View the full robotic warfare market report:

<https://www.thebusinessresearchcompany.com/report/robotic-warfare-global-market-report>

### Which Region Is Projected To Hold The Largest Market Share In The Global Robotic Warfare Market?

In 2024, the dominant region in the Robotic Warfare Global Market was North America. However, it is anticipated that the Asia-Pacific region will experience the most rapid growth in the upcoming period. The report on the global robotic warfare market encapsulates regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Robotic Warfare Market 2025, By [The](#)

## [Business Research Company](#)

Electronic Warfare Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/electronic-warfare-global-market-report>

Autonomous Military Weapons Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/autonomous-military-weapons-global-market-report>

Artificial Intelligence In Modern Warfare Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/artificial-intelligence-in-modern-warfare-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: [saumyas@tbrc.info](mailto:saumyas@tbrc.info)

The Business Research Company - [www.thebusinessresearchcompany.com](http://www.thebusinessresearchcompany.com)

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

[info@tbrc.info](mailto:info@tbrc.info)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/843160041>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.