

Global Search and Rescue Robots Market is segmented by Platform type (Ground, Marine and Aerial), by Operation Type (Autonomous, Remotely Operated), Regional Forecasts 2021-2027

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Abstracts

Global Search and rescue Robot Market is valued approximately at USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than 20% over the forecast period 2021-2027. The search and rescue robots are a contemporary technology that allows rescuers to easily detect people within damaged structures, gather catastrophe data, detect hazardous chemicals, and work in risky conditions, as well as deliver first aid supplies. Search and rescue robots and drones could be less expensive, smaller, smarter, and more flexible. As Artificial Intelligence (AI) is increasingly used in robotics, it is becoming simpler to automate the process of locating victims and sources of risk. In the near future, the robots may be able to patrol the sea or air without the need for human intervention. For instance, The Hydronalix EMILY is a remote-controlled robotic rescue boat that can save individuals who are drowning. It can hold between five and eight people until they are hauled back to safety. Furthermore, in 2019, the University of Manchester partnered on a project with partners from four European nations to create chemical sensors that can be attached to worm robots that can penetrate through any little gap in debris and give a signal to rescuers if any living people are detected. However, hardware and software malfunctions, may impede market growth over the forecast period of 2021-2027.

Geographically, Asia Pacific is expected to develop at the highest rate, as key nations in the region increase their robotics investment and strive to become the world's robotics centre. Because this industry is growing rapidly in all of the region's economies, there is a lot of room for development in the market under consideration.

Major market player included in this report are:

Lockheed Martin Corporation
Hydronalix
Northrup Grumman Corporation
Kongsberg Gruppen
Howe and Howe Technologies
FLIR Systems (Endeavor Robotics)
Elbit System Ltd.
Saab AB
Thales Group
Boston Dynamics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Platform type:

Ground

Marine

Aerial

By Operation Type:

Autonomous

Remotely Operated

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global Search and rescue Robot Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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