

Europe Service Robots - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Europe Service Robots Market is expected to register a CAGR of 14% during the forecast period.

Key Highlights

- Europe is a leader in the service robotics market for field robotics, logistics, and construction. The usage of robotics in this market is varied and is also used in professional cleaning.
- The military application of service robotics is high in the professional use of service robotics. In defense, both manned and unmanned types of robots are used. In unmanned use, drones are very common. The use of drones has increased in the battlegrounds for a few years. They are being used for intelligence, surveillance, and reconnaissance missions and have helped the soldiers on the ground and sitting far away to plan their next move.
- The German market is one of the big markets for robotics and is estimated to grow more in the period to come. Other markets like Spain, Italy, and the UK will also grow to become major players in the service robotics market in the years to come.
- European service robot manufacturers play an important role in the global market as about 290 out of the 700 registered companies supplying service robots come from Europe, according to IFR.
- Moreover, the labor shortage in Europe was one of the driving factors for the use of service robots during the COVID-19 pandemic. For instance, UVD Robots, Danish manufacture of ultraviolet-light-disinfection robots, shipped hundreds of machines to hospitals in China and Europe.

Europe Service Robots Market Trends

Increasing demand of service robots due to labor shortage in Europe

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- Fast-growing economies in Europe have led to severe labor shortages in all industries.
- Floor-cleaning and microbe-zapping disinfecting robots were introduced in hospitals, supermarkets, and other environments. Some enterprises found that robotic operations offered a marketing advantage, given the new emphasis on hygiene and social distancing.
- In the UK, Brexit has greatly exacerbated the situation. At least 200,000 EU nationals, primarily from eastern Europe, who once filled roles in areas such as agriculture, transportation, and logistics, have left the country and may never return.
- The use of service robots in the region is on the rise, even in the military and defense. Service robots can be sent into dangerous situations to keep soldiers at a safe distance. Military service robots are able to assess chemical, biological, and radiological threats by scanning for chemical agents present.

Germany experiences high service robot density in the region

- Germany has proven to have a greater affinity for industrial and service robots, integrated assembly solutions, and machine vision systems than any other country in Europe.
- According to IFR, Germany is the largest robot market in Europe, with 38% of Europe's industrial robots operating in factories here. Robot density in the German automotive industry is among the highest in the world.
- The COVID-19 pandemic gave a push to automation in Germany's retail, service, and industrial sectors. A few German nursing homes have employed a robot called "James" designed by Robshare in Rhineland-Palatinate to facilitate virtual visits. James connects family members with their loved ones in the nursing homes through video conferencing, as visitors stay away from the facilities due to quarantine restrictions.
- Moreover, the growth of the Robots as a Service RaaS market in the country shall further develop the need for service robots.

Europe Service Robots Industry Overview

The European Service Robot market has medium market concentration as the market is in developing steadily with rising demand.

- The UK government expects to develop and have fully autonomous vehicles on the road by 2021, and a test band of 26 km of public road in London has already been launched.
- In 2021, Sesto is believed to be the first Singapore-based robotics company to provide autonomous mobile robot solutions for smart manufacturing in Europe.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

- 1 INTRODUCTION
 - 1.1 Study Assumptions and Market Definition
 - 1.2 Scope of the Study

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2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Trends

4.3 Industry Attractiveness - Porter's Five Force Analysis

4.3.1 Threat of New Entrants

4.3.2 Bargaining Power of Buyers/Consumers

4.3.3 Bargaining Power of Suppliers

4.3.4 Threat of Substitute Products

4.3.5 Intensity of Competitive Rivalry

4.4 Industry Policies

4.5 Market Drivers

4.5.1 Increasing demand for these robots in defense sector

4.5.2 Focus towards research and development is leading to robots with more user-friendly features

4.6 Market Restraints

4.6.1 Interaction with robot is hindrance for some users

4.6.2 Initial high costs associated with development

4.7 Assessment of the Impact of COVID-19 on the Market

5 MARKET SEGMENTATION

5.1 By Type

5.1.1 Personal Robots

5.1.1.1 Domestic Robots

5.1.1.2 Research

5.1.1.3 Entertainment

5.1.1.4 Others

5.1.2 Professional Robots

5.1.2.1 Field Robots (Agriculture, Forestry and Others)

5.1.2.2 Defense and Security (Fire Fighting)

5.1.2.3 Medical (Assistive robots, diagnostic and overhauling systems)

5.1.2.4 UAV Drones

5.1.2.5 Others

5.2 By Areas

5.2.1 Aerial

5.2.2 Land

5.2.3 Underwater

5.3 By Components

5.3.1 Sensors

5.3.2 Actuators

5.3.3 Control Systems

5.3.4 Software

5.3.5 Others

5.4 By End-User industries

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- 5.4.1 Military and Defense
- 5.4.2 Agriculture, Construction and Mining
- 5.4.3 Transportation & Logistics
- 5.4.4 Healthcare
- 5.4.5 Government
- 5.4.6 Others
- 5.5 By Countries
 - 5.5.1 United Kingdom
 - 5.5.2 Germany
 - 5.5.3 France
 - 5.5.4 Others

6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
 - 6.1.1 Amazon Inc.
 - 6.1.2 KUKA AG
 - 6.1.3 Northrop Grumman Corporation
 - 6.1.4 Robobuilder Co. Ltd.
 - 6.1.5 SeaRobotics Corporation
 - 6.1.6 Honda Motors Co. Ltd.
 - 6.1.7 iRobot Corporation
 - 6.1.8 Hanool Robotics Corporation
 - 6.1.9 Iberobtoics S.L
 - 6.1.10 Gecko Systems Corporation
 - 6.1.11 RedZone Robotics

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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