

2020-2025 Global SLAM Robots Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

In robotic mapping and navigation, simultaneous localization and mapping (SLAM) is the computational problem of constructing or updating a map of an unknown environment while simultaneously keeping track of an agent's location within it. While this initially appears to be a chicken-and-egg problem there are several algorithms known for solving it, at least approximately, in tractable time for certain environments. Popular approximate solution methods include the particle filter, extended Kalman filter, and GraphSLAM.

This report elaborates the market size, market characteristics, and market growth of the SLAM Robots industry, and breaks down according to the type, application, and consumption area of SLAM Robots. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for SLAM Robots in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global SLAM Robots market covered in Chapter 13:

Clearpath Robotics

Swisslog

SMP Robotics

Hi-Tech Robotic Systemz

Amazon Robotics

Fetch Robotics

Mobile Industrial Robots

Aethon
Omron Adept
Locus Robotics
Vecna

In Chapter 6, on the basis of types, the SLAM Robots market from 2015 to 2025 is primarily split into:

Industrial Robots
Service Robots

In Chapter 7, on the basis of applications, the SLAM Robots market from 2015 to 2025 covers:

Hospitals and Healthcare
Manufacturing
Logistics and Warehouse
Military

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)
United States
Canada
Mexico
Europe (Covered in Chapter 9)
Germany
UK
France
Italy
Spain
Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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