

## **Agricultural Robots Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-07-05 | 146 pages | IMARC Group

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### **Report description:**

Market Overview:

The global agricultural robots market size reached US\$ 7.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 21.1 Billion by 2028, exhibiting a growth rate (CAGR) of 18.42% during 2023-2028.

Agricultural robots, also known as agribots, are one of the latest innovations in the agriculture industry. They are autonomous machines utilized for improving quality and efficiency of yield, minimizing reliance on manual labor, and increasing the overall productivity. Agricultural robots are usually equipped with end effectors or specialized arms for performing a wide range of horticultural activities such as weed control, seeding and planting, aerial data collection, field mapping, fertilizing and irrigation, intercultural operations, harvesting, soil analysis, and environmental monitoring. Apart from this, these robots are also employed for washing and milking livestock in the dairy farming industry.

Global Agricultural Robots Market Drivers:

With growing population, the demand for food is rising at a rapid pace worldwide. As a result, farmers are now shifting towards modern tools and equipment, such as agricultural robots, to increase their total productivity and generating more revenue. Further, governments around the world are offering subsidies and undertaking initiatives to propagate awareness about automated technologies among farmers. For instance, the European Union has funded projects, such as GRAPE and MARS, to replace labor-intensive tasks with advanced automated technologies. Moreover, several established and start-up agricultural companies are investing in research and development activities to introduce an innovative range of agricultural robots.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global agricultural robots market report, along

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with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on product type, application and offering.

#### Breakup by Product Type:

Unmanned Aerial Vehicles (UAVs)/Drones

Milking Robots

Automated Harvesting Systems

Driverless Tractors

Others

#### Breakup by Application:

Field Farming

Dairy Farm Management

Animal Management

Soil Management

Crop Management

Others

#### Breakup by Offering:

Hardware

Software

Services

#### Regional Insights:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Deere & Company, Trimble Inc., Agco Corporation, Lely Holding S.A.R.L, AG Eagle LLC, Agrobotix LLC, Agrobot, Harvest Automation, Naio Technologies, Precision Hawk, IBM, Agjunction, Inc., DJI, Boumatic Robotics, B.V., AG Leader Technology, Topcon Positioning Systems, Inc., Autocopter Corp, Auroras S.R.L., Grownetics Inc. and Autonomous Tractor Corporation.

#### Key Questions Answered in This Report

1. What was the size of the global agricultural robots market in 2022?
2. What is the expected growth rate of the global agricultural robots market during 2023-2028?
3. What are the key factors driving the global agricultural robots market?
4. What has been the impact of COVID-19 on the global agricultural robots market?

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5. What is the breakup of global agricultural robots market based on the product type?
6. What is the breakup of global agricultural robots market based on the application?
7. What is the breakup of global agricultural robots market based on the offering?
8. What are the major regions in the global agricultural robots market?
9. Who are the key players/companies in the global agricultural robots market?

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