

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

<https://marketpublishers.com/r/L14A0B76AB9EEN.html>

Date: March 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: L14A0B76AB9EEN

Abstracts

The global logistics robots market size reached US\$ 15.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 58.6 Billion by 2028, exhibiting a growth rate (CAGR) of 22.6% during 2023-2028.

Logistics robots are self-directed floating devices utilized in warehouses and storage facilities to organize and transport products, a process which is known as intralogistics. These robots automate the process of storing and moving goods as they pass through the supply chain, improve the efficiency of logistics operations and reduce labor, machinery and maintenance costs. They also enhance human-machine collaboration and assist companies in complying with various workers' safety regulations. Logistics robots lead to significant productivity gains and profitability as compared to conventional counterparts, such as forklifts, due to which their demand is escalating around the world.

An increase in the number of logistics and warehousing companies that are incorporating robots to improve speed and efficiency and remain competitive in the market are propelling the demand for logistics robots worldwide. Moreover, the adoption of advanced technologies, such as robotic warehousing and logistics technologies, is growing on account of the sudden outbreak of the coronavirus disease (COVID-19) and the consequent lockdowns imposed by governments of various countries to prevent the transmission of the pandemic. This can also be accredited to the temporary closure of manufacturing units, disruptions in the supply chain and labor shortage. Apart from this, due to the increasing internet penetration and a rising preference for online shopping, the e-commerce sector is burgeoning, especially in emerging economies. Organizations in this sector are emphasizing on improving the packaging quality, concentrating on

timely delivery and deploying logistics robots, which is anticipated to fuel the market growth in the upcoming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global logistics robots market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, robot type, function, operation area and end use industry.

Breakup by Component:

Hardware
Software

Breakup by Robot Type:

Autonomous Mobile Robots
Automated Guided Vehicles
Robotic Arms
Others

Breakup by Function:

Pick and Place
Loading and Unloading
Packing and Co-Packing
Shipment and Delivery
Others

Breakup by Operation Area:

Factory Logistics Robots
Warehouse Logistics Robots
Outdoor Logistics Robots
Others

Breakup by End Use Industry:

E-Commerce

Healthcare
Retail
Food and Beverages
Automotive
Others

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being ABB Ltd., Asic Robotics AG, Clearpath Robotics Inc., FANUC Corporation, Fetch Robotics Inc., Kion Group AG, KUKA Aktiengesellschaft (Midea Group Co. Ltd.), Omron Corporation, Toshiba Corporation and Yaskawa Electric Corporation.

Key Questions Answered in This Report:

How has the global logistics robots market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global logistics robots market?

What are the key regional markets?

What is the breakup of the market based on the component?

What is the breakup of the market based on the robot type?

What is the breakup of the market based on the function?

What is the breakup of the market based on the operation area?

What is the breakup of the market based on the end use industry?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global logistics robots market and who are the key players?

What is the degree of competition in the industry?

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