

# Warehousing and Logistics Robots Report

Part of the AI & Intelligent Automation Service Area Package

Aditya Kaul, Research Director  
Glenn Sanders, Senior Analyst

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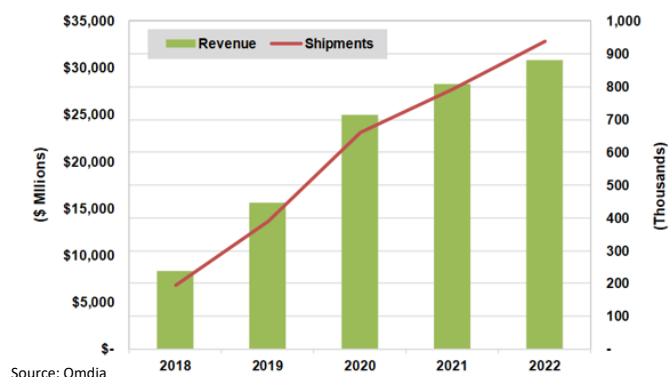
## Mobile Robot Platforms, Shuttle Automated Storage and Retrieval Systems, Industrial Robotic Manipulators, and Gantry Robots: Global Market Analysis and Forecasts

A growing number of warehousing and logistics companies are incorporating robots to reap the benefits of speed, efficiency, and increased profits to remain competitive in a market driven in large part by consumers that demand rapid fulfillment. At the same time, robotic warehousing and logistics technologies are advancing in capability and becoming more affordable each year. The demand for robots and the supply of advanced robotic solutions for the optimization of logistics processes, combined with labor shortages, have created a tipping point that could lead to widespread adoption of robots in warehouses and logistics operations to assist and displace human workers.

The market is experiencing strong growth, and supply chains are being transformed as companies replace fixed infrastructure and outdated processes with flexible, scalable robotic solutions to meet the changing demands of modern commerce. Omdia forecasts that worldwide shipments of warehousing and logistics robots will grow rapidly over the next 5 years from 194,000 units in 2018 to 938,000 units annually by 2022, with the rate of growth slowing after 2021 as many major players will have adopted robotic systems by then. Worldwide revenue for this category will increase from \$8.3 billion in 2018 to \$30.8 billion in 2022, providing significant opportunities for established participants and emerging players.

This report examines the market and technology issues related to warehousing and logistics robots, as well as the development of global markets with forecasts and analysis for the 5-year period from 2018 through 2022. The report addresses crucial market drivers and challenges, in addition to the most important technology issues that will affect market development. In total, 81 key and emerging industry players are profiled. Market forecasts are segmented by world region and robot type.

Warehousing and Logistics Robots Revenue and Shipments, World Markets: 2018-2022




# Report Coverage

KEY ISSUES ADDRESSED	COVERAGE	APPLICABLE TO
<ul style="list-style-type: none"> <li>• What is the current state of the warehousing and logistics robot market and how will it develop over the next 5 years?</li> <li>• What are the key drivers of market growth, and the key challenges faced by the industry?</li> <li>• What are the bottlenecks in technology development for warehousing and logistics robots?</li> <li>• Who are the important players in the market, and what are their products and services?</li> <li>• What is the size of the market opportunity?</li> <li>• What are the future pricing trends for different types of warehousing and logistics robots?</li> <li>• What are the strategic recommendations for market participants?</li> </ul>	<p><b>Warehousing and Logistics Robots, World Markets: 2018-2022</b></p> <ul style="list-style-type: none"> <li>• Revenue and Shipments               <ul style="list-style-type: none"> <li>• By Region</li> <li>• By Type <i>(North America, Europe)</i></li> </ul> </li> <li>• Average Selling Price               <ul style="list-style-type: none"> <li>• By Region</li> <li>• By Type</li> </ul> </li> </ul>	<p><b>Technologies</b></p> <ul style="list-style-type: none"> <li>• Automated Guided Vehicle (AGV)</li> <li>• Autonomous Mobile Robot (AMR)</li> <li>• Autonomous Mobile Trucks and Forklifts</li> <li>• Cartesian Robots</li> <li>• Collaborative Robots</li> <li>• Intralogistics IoT</li> <li>• Laser Guided Vehicle (LGV)</li> <li>• Localization</li> <li>• Material Handling Robots</li> <li>• Obstacle Avoidance</li> <li>• Packaging Robots</li> <li>• Pallet Shuttle System</li> <li>• Robotized Item Picking</li> <li>• Self-Driving / Navigation Autonomy</li> <li>• Self-Driving Vehicle (SDV)</li> <li>• Vision Guided Vehicle (VGV)</li> </ul> <p><b>Robot Types</b></p> <ul style="list-style-type: none"> <li>• Mobile Robot Platforms</li> <li>• Shuttle Automated Storage and Retrieval Systems (AS/RS)</li> <li>• Industrial Robotic Manipulators</li> <li>• Gantry Robots</li> </ul> <p><b>Regions</b></p> <ul style="list-style-type: none"> <li>• North America</li> <li>• Europe</li> <li>• Asia Pacific</li> <li>• Latin America</li> <li>• Middle East and Africa</li> </ul>
		<ul style="list-style-type: none"> <li>• Robot manufacturers</li> <li>• Third-party logistics service providers (3PL)</li> <li>• E-commerce businesses</li> <li>• Warehousing and logistics companies</li> <li>• Systems integrators</li> <li>• Software vendors</li> <li>• Insurance companies</li> <li>• Government agencies</li> <li>• Investor community</li> </ul>

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