

PRESS INFORMATION

AGILOX and Bosch Rexroth enter into partnership for autonomous mobile robots

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Marketing and scaling innovative AMRs together will open up dynamically growing markets around the world



(from left) David Niedermaier, CTO & Co-Founder, AGILOX Services GmbH, Dr. Marc Wucherer, member of the Executive Board and responsible for global sales and factory automation at Bosch Rexroth and Dirk Erlacher, CEO APAC, AGILOX Services GmbH at the Hannover Messe (Image source: Bosch Rexroth AG)

Bosch Rexroth and AGILOX have entered into a partnership to open up the fast growing market for autonomous mobile robots (AMRs). This will provide AGILOX with easy access to additional markets around the world. The existing product portfolios of both companies complement each other very well and are being expanded all the time. The agreement was officially signed at the Hannover Messe 2022.

“Through the partnership, we are combining a strong product and the agility of a scale-up with the global presence and scalability of a global player. The existing product portfolios complement each other really well,” stressed Enno Scharphuis, head of the Assembly Technology Business Unit at Bosch Rexroth. Autonomous mobile robots (AMRs) allow anything from small load carriers to pallets of any kind to be transported. At the moment, they can handle loads of up to 1.5 tons.

The global market for AMRs is growing very strongly. Customers expect a wide range of products, combined with an international presence in the areas of production, sales and service. Using mobile robotics, users can increase efficiency in intralogistics as well as transparency in the flow of materials.

“With Bosch Rexroth, we have a strong, internationally established partner at our side. Together, we will open up new markets,” said Franz Humer, co-founder of AGILOX.

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Bosch Rexroth offers not only AMRs based on the swarm intelligence developed by AGILOX but also the ActiveShuttle, a VDA 5050-compliant solution for fleet management systems. “Both solutions play a key role in optimizing the flow of materials in intralogistics and fit seamlessly into digitally connected structures,” said Enno Scharphuis.

Basic Information Bosch Rexroth

As one of the world’s leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 31,000 associates generated sales revenue of around 6.2 billion euros in 2021.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group’s strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is “Invented for life.” The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch’s global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company’s future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

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