

AGILOX nominated for IFOY Award project for BMW Regensburg

- Technology leader among the finalists for the IFOY Award 2024 in the "Integrated Customer Solution" category
- 27 AGILOX robots ensure replenishment of production lines for the manufacture of car body components at BMW Regensburg
- Autonomous mobile robots (AMRs) communicate with each other in a network without a central master computer thanks to "X-Swarm Technology"

(Neukirchen near Lambach, February 6, 2024): AGILOX Services GmbH, a leading technology company for autonomous mobile robots (AMR), is a finalist for the IFOY Award 2024. AGILOX was nominated by the jury in the "Integrated Customer Solution" category for the "BMW Regensburg" lighthouse project.

The IFOY Award (International Intralogistics and Forklift Truck of the Year) is considered one of the most prestigious awards in the intralogistics industry and is presented annually by an independent jury of international trade journalists. AGILOX's nomination underlines the recognition of the company's pioneering technologies that are revolutionizing the efficiency and flexibility of intralogistics processes. Last year, AGILOX was already honored in the "Best Product" category for the Omnidirectional Dolly Mover "AGILOX ODM". This year, the technology leader is entering the race with a project for BMW Regensburg in the "Integrated Customer Solution" category.



27 Autonomous mobile robots from AGILOX ensure uninterrupted production supply at BMW Regensburg.



"The nomination for the IFOY Award 2024 for the BMW Regensburg flagship project is recognition of our ongoing efforts to create innovative solutions for the intralogistics industry. The project is a milestone in the industry that demonstrates the potential of autonomous mobile robotics in state-of-the-art manufacturing environments," says David Niedermaier, Managing Director and Co-Founder at AGILOX.



The autonomous mobile robots (AMR) from AGILOX communicate with each other in a network.

Lighthouse project: AGILOX swarm intelligence in use at BMW

The BMW Group, headquartered in Munich, is one of the largest motor vehicle manufacturers (cars, motorcycles) in the world. In Regensburg, the company operates one of the most modern automobile production plants in Europe with a total area of more than 1.4 million square meters. A total of up to 1,000 BMW 1 Series, BMW X1 and BMW X2 vehicles are delivered to customers worldwide every working day.

As part of production logistics, 27 autonomous mobile robots (AMR) from AGILOX are in use at the BMW Group's Regensburg plant to ensure the supply of production parts for the manufacture of body components. In an average week, the swarm moves around 2,624 tons and covers a distance of around 3,294 kilometers. The AGILOX solution is based on so-called "X-Swarm Technology". This allows the individual AMRs to communicate and interact with each other. The result is a swarm intelligence in which the computing power and material flow orchestration are distributed among the individual devices. If one robot fails, the remaining robots ensure the uninterrupted flow of goods.



The autonomous mobile robots recognize the smallest obstacles along the way and are able to avoid them completely autonomously and independently. The route is replanned within a few milliseconds and coordinated with the entire swarm. The remaining devices can therefore also react quickly to changes and guarantee a smooth material flow supply.



AGILOX nominated with BMW for IFOY Award 2024

Award ceremony in Vienna

The winners of the IFOY AWARD competition will be selected by an independent jury of international trade journalists. All finalists will undergo the IFOY audit at the TEST CAMP INTRALOGISTICS at Messe Dortmund from April 8 to 11, 2024. The IFOY AWARD ceremony will take place on June 14, 2024, in the imperial city of Baden, just outside Vienna.

About AGILOX Services GmbH

AGILOX Services GmbH is a technology leader in Autonomous Mobile Robots for transportation

processes in warehouse and production logistics. With over 1,400 AMRs in the field and a global

customer base that includes Siemens, BMW, Bosch, and Daimler, AGILOX is one of the leading

providers for small and large fleets of driverless transport systems.

Headquartered in Neukirchen bei Lambach, Austria, AGILOX Services GmbH has offices in Europe,

the USA, and China and employs over 250 staff worldwide.

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