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SESTO Robotics expands to Europe, targeting Germany, Austria, Switzerland

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First Singapore-based robotics company to provide Autonomous Mobile Robot (AMR) solutions for smart manufacturing in Europe's pharmaceutical and healthcare sectors



Singapore's leading autonomous mobile robot company SESTO Robotics (SESTO) has expanded to Europe, partnering with the Germany-based automation specialist Baumüller, to bring its flagship AMR SESTO Magnus (Magnus) to Germany, Austria and Switzerland. SESTO is the first Singapore-based robotics company to offer autonomous mobile robot solutions focused on smart manufacturing in Europe.

Designed and made in Singapore, Magnus is specially built for navigation in space-scarce facilities and can travel autonomously through spaces as narrow as 0.9 metres wide while avoiding obstacles in its path. Its bi-directional, same-speed capability allows the AMR to reverse out of dead ends without the need to perform a spot turn.

"Through our partnership with Baumüller, we will bring our Singapore-designed AMR solution to the manufacturing, pharmaceutical and healthcare sectors in Europe. With Magnus, Baumüller will help businesses automate material transportation for a wide variety of applications, including intralogistics, machine assembly, testing and diagnostic technology," said Ang Chor-Chen, Chief Executive of SESTO Robotics.

SESTO Robotics is the only robotics company providing AMRs to Baumüller. Baumüller offers a comprehensive suite of intelligent hardware and software solutions to help businesses implement customised automation solutions at every point of a machine's lifecycle. The company offers various services ranging from systems engineering, after-sales service, to condition monitoring.

"SESTO Magnus' versatility enables limitless configurations on one single autonomous platform. By adding valuable customisations such as collaborative robots, UV and ozone disinfection equipment, scissor lift tables, intelligent racking systems and other individually implementable payloads to Magnus, we will help industries such as manufacturing, pharmaceutical and healthcare achieve the benefits of automation," he added.

Magnus is powered by SESTO's proprietary user-friendly interface and can be easily deployed for material transportation using a tablet or laptop. The robot provides high uptime of up to ten hours on a single charge and fast battery charging in three hours.