

Press and IR Release

Humanoid robotics: Schaeffler expands global partner network and cooperates with Leju Robotics in China

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- Schaeffler and Leju Robotics Technology Co., Ltd., enter into strategic partnership for the application and transfer to industrial-scale manufacturing of humanoid robots
- Cooperation with Chinese manufacturer proves that Schaeffler has gained a foothold in the humanoid ecosystem and the Chinese growth market
- With its eight product families, Schaeffler is perfectly positioned to become the preferred technology partner for humanoid robotics

The Motion Technology Company Schaeffler has entered into a partnership with Leju Robotics Technology Co., Ltd., a leading Chinese technology company in the field of humanoid robotics. This is the first cooperation with a Chinese company, joining existing partnerships with well-known manufacturers in Europe and the USA, and represents an important step for Schaeffler in expanding its presence in the global humanoid ecosystem. The aim of the cooperation is to advance the use of humanoid robots in industrial applications such as intelligent factory inspection, equipment operation support, logistics, and human-robot collaboration. By 2035, Schaeffler plans to integrate a mid-four-digit number of humanoids into its own production.

Klaus Rosenfeld, CEO of Schaeffler AG, says: "In addition to its traditional core business, Schaeffler is focusing specifically on new growth areas, including humanoid robotics. With Leju Robotics, we are gaining a strong, innovative partner in one of the most dynamic growth markets for humanoids. With our eight product families and decades of manufacturing excellence and innovative strength, we are excellently positioned here. The cooperation is proof that we have established ourselves as a reliable and strong partner in the global humanoid ecosystem."

Zhendong Ke, Vice President of Leju Robotics, says: "Schaeffler has in-depth expertise in high-end equipment manufacturing and industrial automation, while Leju Robotics offers insights in research and development and transfer to industrial-scale manufacturing of humanoid robots. This cooperation will combine the respective strengths of both parties and focus on industrial application scenarios, data collection, model iteration as well as technological advancement of the next generation. With our combined innovative strength along the industrial

value chain, we contribute to building an open and mutually beneficial ecosystem for humanoid robots.”

Preferred technology partner for humanoid robotics

Schaeffler supplies key components for humanoid robots. The portfolio ranges from rolling bearings, screw drives, and precision gears to motors, sensors, thermal management, and battery management. Schaeffler thus meets all requirements for actuators, sensors, motion control, and energy management. This is complemented by in-depth expertise in twelve core manufacturing technologies – from metalworking to additive manufacturing. This combination creates ideal conditions for merging proven industrial processes with state-of-the-art robotics and developing solutions ready for series production.

Dr. Yilin Zhang, Regional CEO Greater China, says: “Humanoid robotics is one of Schaeffler’s strategic business areas and has enormous market potential, especially in China. The signing of this strategic cooperation agreement is an important step following the establishment of an independent humanoid company on-site. Through open and collaborative partnerships, we aim to further strengthen our presence within China’s industrial ecosystem. Together with outstanding partners such as Leju Robotics, we look forward to actively advancing the development of the humanoid robot industry.”

Forward-looking statements and projections

Certain statements in this press release are forward-looking statements. By their nature, forward-looking statements involve a number of risks, uncertainties, and assumptions that could cause actual results or events to differ materially from those expressed or implied by the forward-looking statements. These risks, uncertainties, and assumptions could adversely affect the outcome and financial consequences of the plans and events described herein. Schaeffler assumes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise. Recipients of this press release should not place undue reliance on forward-looking statements, which only reflect the situation as of the date of this press release. Statements contained in this press release regarding past trends or events should not be taken as representation that such trends or events will continue in the future. The cautionary statements set out above should be considered in connection with any subsequent written or oral forward-looking statements that Schaeffler, or persons acting on its behalf, may issue.

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technologies, products, and services for electric mobility, CO₂-efficient drives, chassis solutions and renewable energies, the company is a reliable partner for making motion more efficient, intelligent, and sustainable – over the entire life cycle. Schaeffler describes its comprehensive range of products and services by means of eight product families: From bearing solutions and all types of linear guidance systems through to repair and monitoring services. Schaeffler is with around 110,000 employees and more than 250 locations in 55 countries, one of the world's largest family-owned companies and one of Germany's most innovative companies.

(from left) Zhendong Ke, Vice President of Leju Robotics, Hao Gao, General Manager Central Region of Leju Robotics, Sun Haitian, General Manager of Schaeffler Humanoids (Taicang) Co., Ltd. and Dr. Zhang Yilin, Regional CEO Greater China sealed the partnership. (Photo: Schaeffler)

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