

Mitsubishi Electric Türkiye Showcased Innovative Automation Solutions at the Robot Investments Summit

Mitsubishi Electric Türkiye Factory Automation Systems introduced its innovative automation systems at the Robot Investments Summit and Exhibition, held at the Istanbul Expo Center between December 20–23. During the four-day event, the products, solutions, and live demonstrations showcased by Mitsubishi Electric highlighted ways for businesses to accelerate and simplify their processes and increase efficiency in an increasingly competitive, borderless business environment.

Mitsubishi Electric Türkiye presented the automation and robotics solutions of the future at the Robot Investments Summit and Exhibition held at the Istanbul Expo Center. Offering businesses the opportunity to build the digital factories of the future through its automation solutions and robots, Mitsubishi Electric Türkiye showcased its **e-F@ctory** concept—designed to prepare industry for **Industry 4.0**—along with related solutions under this umbrella. Mitsubishi Electric's robots, which provide significant advantages in terms of occupational health and safety in hazardous and challenging environments, are shaping the future of businesses with flexible production models that deliver high efficiency, quality, and speed. Throughout the four-day exhibition, the company's collaborative robot **Melfa Assista**, equipped with advanced artificial intelligence technology to assist human labor, attracted strong interest from visitors. Also drawing attention were the company's **SCARA-type industrial robots** designed to meet the needs of cost-sensitive applications, **MELSERVO** and **MELSEC PLC** technologies, and the next-generation advanced robot teaching pendant **R86TB**, which was introduced at the exhibition for the first time.

Visitors Experienced “Unmanned” Quality Control Applications

At the exhibition, Mitsubishi Electric Türkiye brought the latest advancements in automation and robotics technologies to life through two interactive live demonstrations. Visitors witnessed a robot performing quality control by moving a processing sensor inside the indoor unit of Mitsubishi Electric Climate Systems' **Legendera** model. Thanks to virtual reality (VR) glasses, the entire process could be monitored in a virtual environment, eliminating the need for a quality control specialist to be physically present at the device. At the Mitsubishi Electric stand, visitors also had the opportunity to observe how a cobot mounted on an **AMR** moved between different stations to perform various tasks, demonstrating its contribution to flexible manufacturing.

Commenting on the exhibition, **Şevket Saracoğlu**, President of Mitsubishi Electric Türkiye, stated: “Mitsubishi Electric is one of the world's leading organizations, operating in more than 120 countries with over 145,000 employees across fields such as aerospace technologies, semiconductors, power generation and distribution, communications and information technologies, consumer electronics, industrial automation, and building technologies. At the Robot Investments Summit, we highlight our flexible manufacturing solutions and integrated automation strength that demonstrate Mitsubishi Electric's leadership in robotics. Through the collaborative and industrial robots showcased here, we demonstrate how we simplify robotic automation and how we overcome complex tasks with artificial

intelligence. Our solutions and demonstrations provide businesses with clear insights into how they can further accelerate and simplify their processes and increase efficiency in an increasingly competitive and borderless business world."

Emphasizing their goal of shaping digital transformation through innovative automation concepts, **Nurettin Geçgel**, General Manager of Mitsubishi Electric Türkiye Factory Automation Systems, added: "Today, businesses need to respond quickly to rapidly changing and increasing consumer needs and fluctuating demand. At this point, smart engineering solutions and the use of robotics play a critical role. As Mitsubishi Electric Türkiye Factory Automation Systems, we support the establishment of the digital factories of the future today and help businesses stand out in global competition. We continue to work intensively to guide companies in the Industry 4.0 era, advance our industry, create new success stories, and ensure these successes are sustainable."

