

Mitsubishi Electric to Add Second Production Building in Owariasahi, Aichi

Ratingen, Germany 4th July 2023

Mitsubishi Electric Corporation (TOKYO: 6503) announced on June 20, 2023, that it will invest an additional 42.5 billion yen, or approximately 275 million euros, to construct a second production building for the manufacture of factory automation (FA) control-system products at Owariasahi City, Aichi Prefecture part of its Nagoya Works campus. The initial investment, announced on March 28, 2022, was for a single production building due to start operations in April 2025. This plan is now being expanded to add a second production building with a planned start of operations slated for April 2027. Overall, this increases the total cumulative investment to 55.5 billion yen, or approximately 360 million euros.



[Source: Mitsubishi Electric Corporation, Japan]

Image Caption: *Illustration of new production buildings at Owariasahi (Owariasahi City, Aichi Prefecture)*

The two production buildings will be closely integrated to streamline their operations. As next-generation factories, both 5G communications and AI will be utilised, as well as advanced supply chain management (SCM) and engineering chain management (ECM) based on Mitsubishi Electric's

"e-F@ctory"* concept. The expected benefits include accelerated productivity and quality-improvement cycles, shortened delivery times, and high-quality, high-efficiency production.

In addition to realising a highly automated production process, resistance to demand fluctuations will be strengthened by improving logistic efficiency through the use of autonomous mobile robots (AMRs) and synchronised production by utilising digital twins, to ensure customers can receive a stable supply of products.

Furthermore, through various CO2 reduction initiatives at the new facilities, Mitsubishi Electric will continue to contribute to the realisation of a carbon neutral society.

New factory Main Specifications

	First production building	Second production building
Location	5-1-1 Inaba-cho, Owariasahi City, Aichi	
Building area	11,200 m ² (floor area: 33,600 m ²)	6,000 m ² (floor area: 30,000 m ²)
Structure	Reinforced concrete (earthquake resistant) with 3 floors above ground	Reinforced concrete (earthquake resistant) with 5 floors above ground
Items to be produced	FA control-system products	
Start of operations	Sequential startup from April 2025	Sequential startup from April 2027
Total cost	55.5 billion yen, including 42.5 billion yen for second building	
Environmental initiatives	e-F@ctory energy-monitoring system, LED lighting, photovoltaic systems, and biotopes	

The global demand for FA control-system products is expected to grow over the medium to long term due to increasing capital investment in the manufacturing sector, particularly in fields related to decarbonisation, such as electric vehicles (EVs) and lithium-ion batteries, and digital-related fields such as semiconductors and electronic components.

* FA integrated solution that combines FA and IT technologies to reduce the total cost of development, production, and maintenance.

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About Mitsubishi Electric Corporation

With more than 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 5,003.6 billion yen (U.S.\$ 37.3 billion*) in the fiscal year ended March 31, 2023.

For more information, please visit www.MitsubishiElectric.com

**U.S. dollar amounts are translated from yen at the rate of ¥134=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2023.*

About Mitsubishi Electric Factory Automation Business Group

Offering a vast range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, electron beam machines, laser processing machines, computerized numerical controllers, and industrial robots, Mitsubishi Electric helps bring higher productivity – and quality – to the factory floor. In addition, its extensive service networks around the globe provide direct communication and comprehensive support to customers. The global slogan “Automating the World” shows the company’s approach to leverage automation for the betterment of society, through the application of advanced technology, sharing know how and supporting customers as a trusted partner.

For more about the story behind “Automating the World” please visit:

www.MitsubishiElectric.com/fa/about-us/automating-the-world

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan. The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

For more information, please visit emea.mitsubishielectric.com/fa

About e-F@ctory

e-F@ctory is Mitsubishi Electric's integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as the CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging "best in class" principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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