

**Mitsubishi Electric's stand at Interpack is a chocolate box of robotic automation perfection**

**Ratingen, Germany 28th March 2023**

**Mitsubishi Electric will highlight sweet spots for its smart solutions in the food packaging industry with a range of chocolate-filled demos at Interpack 2023 in Hall 6, Stand A40. From 4th-10th May, visitors will be able to learn how the company's motto 'Automating the World' can be applied to drive the productivity and competitiveness of the consumer packaged goods (CPGs) sector.**



*[Source: Mitsubishi Electric Europe, Germany]*

Packaging is extremely important for the delivery of quality products in a variety of industries, such as food and beverage, pharmaceutical and other fast-moving consumer goods. To stand out in an increasingly demanding and competitive marketplace, companies need to adopt value-adding

solutions to drive throughput, efficiency and optimum product quality. At Interpack 2023, Mitsubishi Electric will showcase how companies in the CPGs industry can enhance their capabilities and performance using robotic applications and smart machine setups.

Visitors to the booth will be able to interact with Mitsubishi Electric's articulated six-axis industrial and collaborative robots as they perform a number of key activities typical for packaging shop floors. In particular, attendees will be able to look at how they can speed up, improve quality control and flexibility in quality control. This will be demonstrated through an open, modular and fully integrated line for advanced quality inspection of chocolate bars and their packaging.

### **The sweet taste of effective robotised systems**

This uses a conveyor belt that passes three different stations, which leverage technologies from the automation vendor and its partners. Firstly, the products go through an X-ray system from Ishida that can spot foreign objects and impurities, subsequently they are taken to a deep learning solution from Robovision that evaluates packaging seal quality. Finally, Mitsubishi Electric's robot picks, lifts and turns around the product so that it can be weighed and then inspected by a Cognex vision system which is used to perform a final check of the chocolate bars.

A second interactive display will highlight how quick it is to install the company's robotic solutions. These do not require expert programming skills and can be easily set up using an intuitive platform with drag-and-drop functions. To demonstrate this, visitors will be invited to program a cobot to pick up a giveaway.

Finally, there will be a focus on speeding up the stacking of packaged

goods within factories or at point-of-sale areas using autonomous mobile robots (AMRs), which combine cobots with automation-guided vehicles (AGVs). On the stand, a Mitsubishi Electric's MELFA Assista cobot installed on an AGV from Baumüller will be transporting a variety chocolate bars, placing them on the right display station.

Many other demos will be on stand as well as application-oriented exhibition panels showcasing key solutions for smart packaging applications. Leading experts from the company will also be available throughout the exhibition to discuss visitors' application specific requirements and how to futureproof CPG-related processes.

***Visit Mitsubishi Electric on Stand A40, Hall 6 at Interpack, taking place from 4th-10th May 2023, at Messe Düsseldorf, in Düsseldorf, Germany: <https://bit.ly/3FxVL9o>***

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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 4,476.7 billion yen (U.S.\$ 36.7 billion\*) in the fiscal year ended March 31, 2022.

For more information, please visit [www.MitsubishiElectric.com](http://www.MitsubishiElectric.com)

*\*U.S. dollar amounts are translated from yen at the rate of ¥122=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2022.*

### **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](http://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](https://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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