

TECHNOLOGY WATCH

O-I's revolutionary MAGMA technology distinguishes new Bowling Green plant

In the pipeline to be O-I's first facility purposely-built for its revolutionary MAGMA technology, a new greenfield glass plant is set to redefine future glass production - further enhancing the company's capabilities, both to support multiple product categories and expand in today's highly differentiated product segments.

With plans to invest up to USD 240 million in multiple waves over time whilst creating approximately 140 new jobs in Bowling Green KY, O-I will be adding capacity to support customers with brand-building premium glass containers - all to meet strong consumer trends towards healthy, recyclable and sustainable food and beverage packaging.

The production facility is expected to raise the bar of sustainable glass manufacturing standards. Using renewable electricity, gas-oxy fuel and other innova-





tive solutions thanks to O-I's cutting edge MAGMA technology, the new facility will significantly advance the company's sustainability roadmap while making glass an even more compelling choice for consumers, customers and the environment.

A plant powered by MAGMA technology is about the size of its heritage counterpart and can be run in a warehouse. The smaller melter that typifies this technology allows for an addition of lines as markets grow or when entry into new markets is necessitated. A MAGMA line is also modular and prefabricated and can be deployed in half the time that's needed for heritage technology - allowing greater flexibility for smaller production runs which require frequent job and product changes, thanks to on/off capability to support multiple product categories. Unlike a traditional furnace, a MAGMA unit can be moved and redeployed. In the future it can either be proximate to -or co-located with- customer filling lines whilst reducing both shipping distances and the environmental footprint. In sum, MAGMA essentially brings glass packaging to customers when, where and how they need it by employing new capacity in smaller increments even as it provides scalability and rapid deployment - and all while reducing greenhouse emissions and waste.

"O-I is determined to be the most innovative, sustainable and

chosen supplier of brand-building packaging solutions," said Andres Lopez, CEO of O-I Glass. "The new plant is an important milestone as we continue the pursuit of our expansion plan in the US and globally, building a bright future for the company and its stakeholders. Glass is more relevant than ever, and we are proud to support our customers with innovative solutions."

"We continue to target new employers for the commonwealth that are focused on longevity, sustainability and creating quality jobs for Kentuckians," Gov. Andy Beshear said. "O-I Glass is a company that meets all of that criteria and more. This new facility in Warren County will create great job opportunities for our residents and bring innovative new technology to Kentucky's manufacturing sector. Thank you to the leaders at O-I Glass for selecting the commonwealth for this significant investment. I look forward to a

long, successful partnership between the company and our state."

"O-I has a reputation for excellence that has led to jobs for over 24,000 employees in 19 different countries. We are thrilled that they have chosen to grow and invest in Bowling Green," said Bowling Green Mayor, Todd Alcott.

The new facility is earmarked to serve the Premium Spirits category. Its proximity to key customers in Bourbon country will reduce logistics and further enhance O-I's customer service, flexibility, and sustainability. Start of the first production line is expected mid-year 2024, followed by up to two more production lines to serve the growing market and continued development of MAGMA technology. ■



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