

FURNACES

Glass production

State-of-the-Art facility in Lohr successfully completes **GERRESHEIMER** investment



In a project that strengthens its position as a global innovation partner and reliable regional employer in the pharmaceutical and glass industries, GERRESHEIMER has successfully completed a EUR 100M modernization of its Lohr facility – featuring a cutting-edge oxy-hybrid furnace that boosts capacity, efficiency and sustainability.

As a leading systems and solutions provider and global partner for the pharma, biotech and cosmetics industries, Gerresheimer recently completed a successful expansion and modernization project at its Lohr site with a total investment volume of around EUR 100M after more than two years of planning

and construction. The core of the project was the replacement of one of the two glass melting furnaces with a state-of-the-art oxy-hybrid furnace. The new furnace offers increased capacity, can operate with up to 50 percent electricity, and reduces CO₂e emissions by up to 40 percent compared to conventional furnace technology. The project also included infrastructure measures for the power supply, the expansion of production buildings, new production machines and a new environmentally friendly cooling system. The modernization and expansion project at the Lohr site is one of Gerresheimer's largest investments in Moulded Glass in recent years. With this project, Gerresheimer is strengthening its competitive position as an

innovative systems and solutions provider and as a reliable, future-proof employer in the region. "Our investments in cutting-edge production technology, such as the new facility in Lohr, secure the future," explains Dietmar Siemssen, CEO of Gerresheimer AG. "With state-of-the-art facilities for high-value products, we are strengthening our competitiveness, securing long-term jobs in the region and making significant progress toward our ambitious sustainability goals."

NEW OXY-HYBRID FURNACE FOR ENHANCED EFFICIENCY AND SUSTAINABILITY

Industrial glass production furnaces are usually replaced every eight to twelve years. Gerresheimer

The first production run after replacing the melting furnace with a state-of-the-art oxy-hybrid melting furnace.



Gerresheimer invested around €100 million in an expansion and modernization project at its Lohr site in Germany, including a new state-of-the-art furnace.

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has used the planned replacement of the white glass furnace in Lohr to upgrade to the latest technology and expand production capacity to support its planned growth. The new furnace can operate with up to 50 percent electricity. This diversifies the energy supply and reduces CO₂e emissions by up to 40 percent compared to conventional furnace technology. Currently, the Lohr site sources approximately 70 percent of its electricity from renewable energy, with plans to increase this share to 100 percent by 2030. Modernization also includes an upgrade to the cooling system: the new adiabatic cooling technology is more energy-efficient and consumes less water than conventional cooling systems, further supporting the company's sustainability goals.

ADDITIONAL INFRASTRUCTURE UPGRADES AND NEW PRODUCTION FACILITIES

The project was meticulously planned and executed by Gerresheimer experts over more than two years and implemented during ongoing operations. Amber glass production continued without interruption at the site. To meet increased electricity demand, new power lines were installed and new supply buildings constructed. The expansion also involved a new cooling system and the expansion of production halls. The actual furnace replacement, including the

The new oxy-hybrid melting furnace (inside view) has a significantly higher capacity and can be operated with up to 50 percent electricity.



dismantling of the old furnace and construction of the new oxy-hybrid furnace, took place from January 2025 and was completed within four months. Several production lines were also upgraded to the latest generation and equipped with Gerresheimer's AI-based inspection system for quality assurance. This technology will enable the Lohr plant to further increase its share of high-value products in the future.

INVESTMENT SUPPORTING FURTHER GROWTH

At the Moulded Glass plant in Lohr, Gerresheimer produces a wide range of glass products made of white and amber glass with around 500 employees, from syrup, dropper, tablet and infusion bottles for the pharmaceutical industry to glass containers and bottles for the food

and beverage industry. The plant in Lohr is one of three Moulded Glass plants in Germany and one of eight Moulded Glass plants worldwide within the Gerresheimer Group. The modernization and expansion project at the Lohr site is one of the company's key investment projects in recent years for the further profitable growth of the Group. ■

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ABOUT GERRESHEIMER

Gerresheimer is an innovative systems and solutions provider and a global partner for the pharma, biotech and cosmetic industries. The Group offers a comprehensive portfolio of drug containment solutions including closures and accessories, as well as drug delivery systems, medical devices and solutions for the health industry. The product range includes digital solutions for therapy support, medication pumps, syringes, pens, auto-injectors and inhalers as well as vials, cartridges, ampoules, tablet containers, infusion, dropper and syrup bottles and more. Gerresheimer ensures the safe delivery and reliable administration of drugs to the patient. It also supports its customers with comprehensive services along the value chain and in addressing the growing demand for enhanced sustainability. With over 40 production sites in 16 countries in Europe, America and Asia, Gerresheimer has a global presence and produces locally for regional markets. Together with Bormioli Pharma, the Group generated revenues of around EUR 2.4bn in 2024 and currently employs around 13,400 people. Gerresheimer AG is listed in the MDAX on the Frankfurt Stock Exchange (ISIN: DE000A0LD6E6).



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