



Media Release

Schaffhausen

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(Em)powering the future – GF Piping Systems enters the battery manufacturing market

Swiss flow solutions provider GF Piping Systems is applying its knowledge of lightweight and corrosion-free systems to the needs of the battery sector, focusing on applications from energy-efficient cooling and water treatment to process automation. The company will attend the Battery Show event, from 23 to 25 May 2023 in Stuttgart, Germany.

The battery industry plays an essential role in facilitating the transition towards a decarbonized future – in Europe alone, new production capacities of around 1.4 TWh of battery cell capacity per year are expected by 2030. However, it is crucial to ensure that battery production is conducted sustainably and with minimal impacts on human health and the environment.

This involves implementing efficient piping systems that are capable of transporting water, gas, and chemicals for processes including lithium extraction, material preparation, battery assembly, as well as recycling. As a flow solutions provider specializing in thermoplastic piping systems, GF Piping Systems aims to optimize material flow, temperature, pressure, and flow rates, while also minimizing the environmental impact with closed-loop systems for fluid and gas recycling.

Cyrus Ardjomandi, Business Development Manager Battery and Hydrogen at GF Piping Systems, emphasizes the importance of the market to the company: “Sustainability and material performance are indispensable for the battery revolution. With many decades of experience in the most demanding applications across industries, we believe that our lightweight and corrosion-free piping systems can empower the battery sector. By offering complete and customizable solutions with support throughout all project phases, we can help pave the way towards a net-zero future.”

Starting May 23 to 25 in Stuttgart, Germany, GF Piping Systems will attend the 2023 Battery Show which focuses on innovations in battery and electric vehicle technology. Visitors will be able to experience COOL-FIT, a pre-insulated and vapor-proof plastic piping system for refrigeration applications that is up to 30% more energy efficient than metal alternatives. In addition, the company will display product ranges for process automation and water treatment.

Meet GF Piping Systems at the Battery Show in Stuttgart from 23 to 25 May 2023 in Hall 8, booth 8-F81.

Find out more about GF Piping Systems’ portfolio for the battery industry.

<https://www.gfps.com/batteryproduction>

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GF Piping Systems

As the leading flow solutions provider for the safe and sustainable transport of fluids, GF Piping Systems creates connections for life. The division focuses on industry-leading leak-free piping solutions for numerous demanding end-market segments. Its strong focus on customer-centricity and innovation is reflected by its global sales, service, and manufacturing footprint and its award-winning portfolio, including fittings, valves, pipes, automation, fabrication, and jointing technologies.

GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2022, GF Piping Systems generated sales of CHF 2'160 million and employed 8'085 people. GF Piping Systems is a division of Georg Fischer AG, founded in 1802 and headquartered in Schaffhausen, Switzerland.

www.gfps.com

Pictures

At the Battery Show in Stuttgart, experts from GF Piping Systems will share their knowledge of lightweight and corrosion-free solutions for the battery sector.

F.l.t.r.: Cyrus Arjomandi, Business Development Manager Battery and Hydrogen; Kevin Blumberg, Senior Global Business Development Manager Cooling; Philippe Doucet, Sales Manager Industry; Marthinus Venter, Senior Global Business Development Manager Battery Production.