

Sulzer to launch MellapakEvo™ structured packing atACHEMA 2024 - for unparalleled performance in mass transfer technology

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Sulzer will unveil the latest addition to its market-leading structured packing product family - MellapakEvo™ - at AICHEMA 2024 in Frankfurt, Germany from 10-14 June. AICHEMA attendees will have the opportunity to see first-hand how the new innovative design can significantly boost the efficiency of distillation columns by up to 40%. Engineered to ensure reduced pressure drop, MellapakEvo™ offers maximum performance and minimum energy consumption for both cost savings and environmental benefits.

The MellapakEvo structured packing has been developed to enhance the efficiency and capacity of distillation columns, maximizing performance while minimizing energy consumption with a lower pressure drop. An innovative new design allows it to offer up to 40% greater efficiency or 20% higher capacity when compared to the standard equivalent structured packing type.

The increased performance of the MellapakEvo structured packing is a result of several innovative changes to its structure. The optimized packing geometry of MellapakEvo enhances liquid spreading and improves liquid surface renewal – which is critical to the mass transfer required in a distillation column. Greater interaction between liquid and gas phases ensures a more efficient mass transfer. Moreover, the structured packing is suitable for a wide range of distillation processes. It is ideal for use in diverse applications in the chemical processing industry where its ability to offer both high efficiency and a low-pressure drop is vital.

MellapakEvo will be revealed to the public for the first time atACHEMA 2024, the leading global trade show for the process industries. There, attendees will be able to gain first-hand information about the new product and learn more about its potential applications from Sulzer experts.

Sulzer's Chemtech Division President Uwe Boltersdorf said: "On behalf of the Chemtech team, I am incredibly proud to launch our new MellapakEvo structured packing product to the market. We strive to meet or exceed our customers' requirements by developing superior products through continuous innovation and enhancement of our market-leading designs. As a highly energy-intensive process, companies operating in the field of distillation are always in need of solutions that offer higher efficiency and greater capacity. We look forward to the response of theACHEMA attendees who will experience the unparalleled performance of MellapakEvo first."

Sulzer isACHEMA 2024's official innovation partner. In addition to MellapakEvo, the company will be showcasing a range of interactive mass transfer components, and a holographic display will provide a new perspective on its latest innovation. Alongside this, the stand will host virtual environments that guide attendees through an array of Sulzer solutions for chemical processing plants, including falling-film crystallization, distillation, purification and both expandable polystyrene (EPS) and polylactic acid (PLA) production.

Sulzer experts will also be making three presentations at the trade show, covering topics ranging from carbon capture to the evolution of the Mellapak family of structured packings. Chemtech Division President Uwe Boltersdorf will participate in the show's closing panel discussion on how the process industry can mimic natural ecosystems for effective carbon capture and storage.

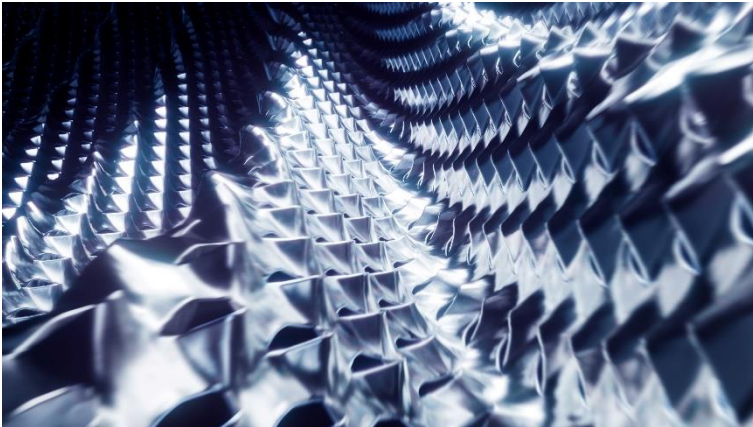
Image captions:

Image 1: MellapakEvo is Sulzer's newest structured packing product.



Image 2: Sulzer will be exhibiting at AICHEMA 2024, held 10-14 June 2024. Visit us at Hall 4, Stand D48.

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About Sulzer

Sulzer is a global leader in fluid engineering and chemical processing applications. We specialize in energy-efficient pumping, agitation, mixing, separation, purification, crystallization and polymerization technologies for fluids of all types. Our solutions enable carbon emission reductions, development of polymers from biological sources, recycling of plastic waste and textiles, and efficient power storage. Our customers benefit from our commitment to innovation, performance and quality through our responsive network of 160 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2023, our 13'130 employees delivered revenues of CHF 3.3 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). www.sulzer.com

The Chemtech division is the global market leader in innovative mass transfer, static mixing and polymer solutions for chemicals, petrochemicals, refining and LNG. We are steering the way in ecological solutions such as bio-based chemicals, polymers and fuels, recycling technologies for textiles and plastic as well as carbon capture and utilization/storage, contributing to a circular and sustainable economy. Our product offering ranges from process components to complete process plants and technology licensing.

Visit our LinkedIn channel at www.linkedin.com/showcase/sulzer-chemtech for exciting updates and more! www.sulzer.com

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