

Press release

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Starlinger: The fine art of PET bottle-to-bottle recycling at K 2022

Music, culture, and art of the highest level: That's what Austria is all about. Austrian machine manufacturer Starlinger is perpetuating this tradition with its business unit Starlinger recycling technology, using its decades of accumulated knowledge of plastics technology and mechanical engineering to create cutting-edge technology.

At K 2022, Starlinger recycling technology will showcase the *recoSTAR PET art*, the company's latest plant model in the field of PET recycling. In addition to Starlinger's established technology solutions such as excellent decontamination performance for food contact applications and impeccable rPET pellet quality, the new plant is characterized by particularly low energy consumption and considerably simplified maintenance processes.

For 35 years now, Starlinger recycling technology has been involved in processing plastic waste so that it can be used as an alternative resource to virgin materials. Starlinger recycling plants are used the world over to recycle used plastics from a wide variety of sectors, thus counteracting the problem of waste and scarcity of resources. Ideally, closed packaging cycles are created – as is the case with PET beverage bottles.

“What happens in the PET bottle-to-bottle recycling process to turn a used mineral water bottle back into a new mineral water bottle can be called high art,” says Paul Niedl, Commercial Director at Starlinger recycling technology. “It is a composition, a synthesis of experience combined with the latest scientific knowledge and high technological standards. Our new *recoSTAR PET art* embodies 20 years of experience in the field of PET food contact recycling. In addition, technical improvements have been made to make the plant easier to maintain and even more energy-efficient – in times like these, this is an important issue, especially in Europe. But we don't want to give too much away in advance – at K 2022 and our Dynamic Days in Schwerin, interested parties can learn about the *recoSTAR PET art* and all its technological innovations in great detail.”

The pre-drying unit and the extruder of the new *recoSTAR PET art* will be on display at the Starlinger recycling technology stand in Hall 9, and the SSP reactor at the Starlinger stand in Hall 16. The company will also be showcasing machine solutions from the fields of polyester fibre/filament recycling and recycling of post-consumer polyolefins, including odour reduction technology.

Starlinger Dynamic Days in Schwerin – spotlight on PET and post-consumer plastics recycling

On 26 and 27 October 2022, while the K trade fair is taking place, Starlinger recycling technology will also be holding its “Dynamic Days” in-house exhibition at its Schwerin site in Germany, where the new *recoSTAR PET art* and a *recoSTAR* dynamic recycling plant will be in operation. Interested customers will have the option of travelling from Düsseldorf to Schwerin via Rostock and back again on their chosen day by means of a charter flight and bus transfers.



Starlinger recycling technology at K 2022: Hall 9, D07

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[Starlinger_recoSTAR PETart.jpg](#): With the recoSTAR PET art recycling line, Starlinger is starting a new chapter in PET bottle-to-bottle recycling. It will be presented to the public for the first time at K 2022 and the Starlinger Dynamic Days in Schwerin. ©Starlinger

About Starlinger recycling technology:

Starlinger recycling technology is a division of Austrian-based Starlinger & Co GmbH, world market leader in the field of machinery and complete lines for woven plastic packaging production. For more than 30 years Starlinger recycling technology has been providing machinery solutions for the recycling and refining of a wide scope of plastics such as PE, PP, PA, PS, BOPP and PET. Starlinger PET recycling systems produce food-safe rPET and are approved for use in food applications by many brand owners as well as various national and international authorities. The worldwide sales and service support network and technical consulting service help customers to achieve optimum results in the manufacturing process.

Starlinger is a participant of the United Nations Global Compact, the world's largest corporate sustainability initiative, and follows its principles on responsible business practices.

Further information:

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