



PRESS RELEASE / 24 March 2025

Best stirring results and maximum safety: Schütz presents the new Impeller

In response to increasing quality and efficiency requirements in the paints, coatings and adhesives industry, Schütz is presenting a pioneering solution at the European Coatings Show (ECS) 2025 in Nuremberg: a new version of the Schütz Impeller. The single-use agitator is specially designed for low-speed drives and ensures optimised mixing of filling products that require slow stirring.

Manufacturers of viscous products face the challenge of homogenising them evenly and reliably while avoiding contamination, material loss or unnecessary process costs. The Schütz Impeller is a highly effective solution to all of these needs. It is fitted in the intermediate bulk container (IBC) at the factory and allows efficient stirring without needing to open the container. Unlike conventional stainless steel agitators, which require thorough cleaning after each use, the single-use Impeller is disposed of after use, thus eliminating the need for cleaning. This reduces the risk of contamination from foreign particles or residues and saves time and costs for cleaning processes. Product quality is guaranteed from filling to processing – a decisive advantage for industries such as the automotive industry, where even the smallest impurities can cause very costly damage.

New wing profile minimises material loss at low stirring speeds

Schütz is presenting a new version of its Impeller at the ECS: featuring a modified wing profile, the Impeller ensures an even distribution of colour pigments and additives and the complete dissolution of sediments even at low speeds. Computational Fluid Dynamics (CFD) analyses were used in the development process for the latest Impeller innovation to achieve optimum component geometry. The resulting design reduces material losses to a minimum. The Impeller is also impressively easy to use and highly versatile. Like the previous version, it can be easily connected to existing agitator drives and is suitable for all Ecobulk volumes from 560 to 1250 litres.

In terms of sustainability, the Impeller also sets standards. Made from 100% recyclable plastic, after use the Impeller together with the IBC is collected by the Schütz Ticket Service and fully recycled. This closed-loop system reduces waste and conserves resources.

With the new Schütz Impeller, the company offers a combination of product safety, efficiency and sustainability that supports manufacturers in the coatings industry in optimising their processes and guarantees the highest quality standards. Trade fair visitors can discover the benefits of the Impeller and other Schütz product innovations from 25 to 27 March in Hall 4, Stand 4-356.

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Caption: Thanks to an optimised wing profile, the new Impeller ensures uniform mixing even at low speeds and completely dissolves all sediments.
Photo: SCHÜTZ



Caption: Manufactured from 100% recyclable HDPE, the Schütz Impeller is collected together with the IBC after use by the Schütz Ticket Service and fully recycled.
Photo: SCHÜTZ

About SCHÜTZ

Schütz GmbH & Co. KGaA is a leading international producer of high-quality transport packaging (Intermediate Bulk Containers, PE and steel drums, and jerrycans). The Group's headquarters are in Selters, Germany. Founded in 1958, SCHÜTZ employs over 7000 people at more than 61 production and service sites around the world. The four SCHÜTZ business units, ENERGY SYSTEMS, PACKAGING SYSTEMS, INDUSTRIAL SERVICES and COMPOSITES, each hold leading positions in their respective markets. The Group's turnover in 2023 was 2.3 billion euros. The company offers its customers full system solutions that are tailored to their individual supply chain. With the SCHÜTZ TICKET SERVICE, a closed-loop cycle of speedy collection and reconditioning for used SCHÜTZ IBCs, Schütz provides all of the world's major industrial nations with a service that fully complies with the Group's sustainability philosophy.

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