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Compact design – maximum performance

The Ecobulk MX 560 joins the Schütz product range

Selters (hds). Different requirements in the supply chain demand packaging solutions that offer maximum flexibility combined with a diverse range that is constantly being updated to meet customer needs. In the company's mission to meet these objectives and fulfil customer expectations, Schütz has now added the new Ecobulk MX 560 to its extensive product range. This new IBC has a lower height than standard models and a nominal volume of 560 litres or 150 gallons, making it ideal for applications where smaller containers are an advantage, but where maximum performance and the highest quality are also decisive. The MX 560 combines optimum filling volume with a compact design on Schütz's proven bottom group, which is the same as the one of the MX types with 820, 1,000 and 1,250 litres capacities. Therefore, all these MX models are fully compatible.

Designing the new container on the basis of the globally successful 1,200 x 1,000 millimetre pallet also ensures that handling is absolutely flexible and the new MX 560 can be used in all production lines and machinery configured to these dimensions. The new container also offers a significant advantage when shipping by sea: the pallet size makes optimum use of the storage and transport space in standardised large-capacity containers, even for mixed loads with larger MX IBC variants. With triple stacking throughout, 30 IBCs of this model will fit in a 20' ISO container. The four horizontal tubes of the steel grid provide the necessary stability and ensure secure stacking. The large metal label plate, which covers eight fields of the steel grid, provides plenty of space for detailed product information.

Easy handling and substantial economic advantages

Compact packaging sizes are preferred in many industries, such as farming and agrochemicals. In North America in particular, IBCs with smaller volumes are used

for the application of concentrated crop protection products or high-value seed treatments. Another priority for users is containers that are easy to handle during use and storage. Here the Ecobulk MX 560 provides a winning combination of features: due to its low weight both empty and filled, it is easy to handle the IBC in day-to-day operations – especially compared to stainless steel containers and steel or plastic drums.

With its reduced capacity and optimum footprint, the new Schütz IBC offers lower capital tie-up and shorter storage times for products with a slow turnover. This also reduces the risk of the product deteriorating due to ageing. If required, the IBC can also be equipped with an EVOH permeation barrier. As an additional layer in the IBC inner bottle, the EVOH ensures product quality, safeguards the filling product against changes and the environment against potential contamination by stopping oxygen, nitrogen and other gases from permeating in and out of the container.

Multiple options for a wide field of applications

With further optional features, this compact IBC can be used for a wide range of other applications, for example in the Foodcert version. The corresponding system certification according to the industrial standard FSSC 22000 guarantees conformity with the rigorous requirements for materials, processes and products in the food industry. For highly sensitive non-food filling goods, where safety and technical cleanliness are essential, Schütz also produces the Ecobulk MX 560 in the Cleancert version.

Optional Ex-protection with a grounded outlet valve and pallet plus an antistatic inner bottle makes the IBC ready for use in Ex-zones 1 and 2 and for the transport of liquids with a flash point of $\leq 60^{\circ}\text{C}$. Additional optional components include a check valve in the outlet fitting. This check valve prevents the filling good from flowing back into the container – a frequently used function, especially for agrochemicals. For optimum aeration and ventilation during transport, storage and emptying, a breather system is available, consisting of a plug, membrane and valve in the screw cap of the IBC. Overall, customers benefit from maximum efficiency and safety thanks to these comprehensive equipment variations designed for all specific needs, products and applications.

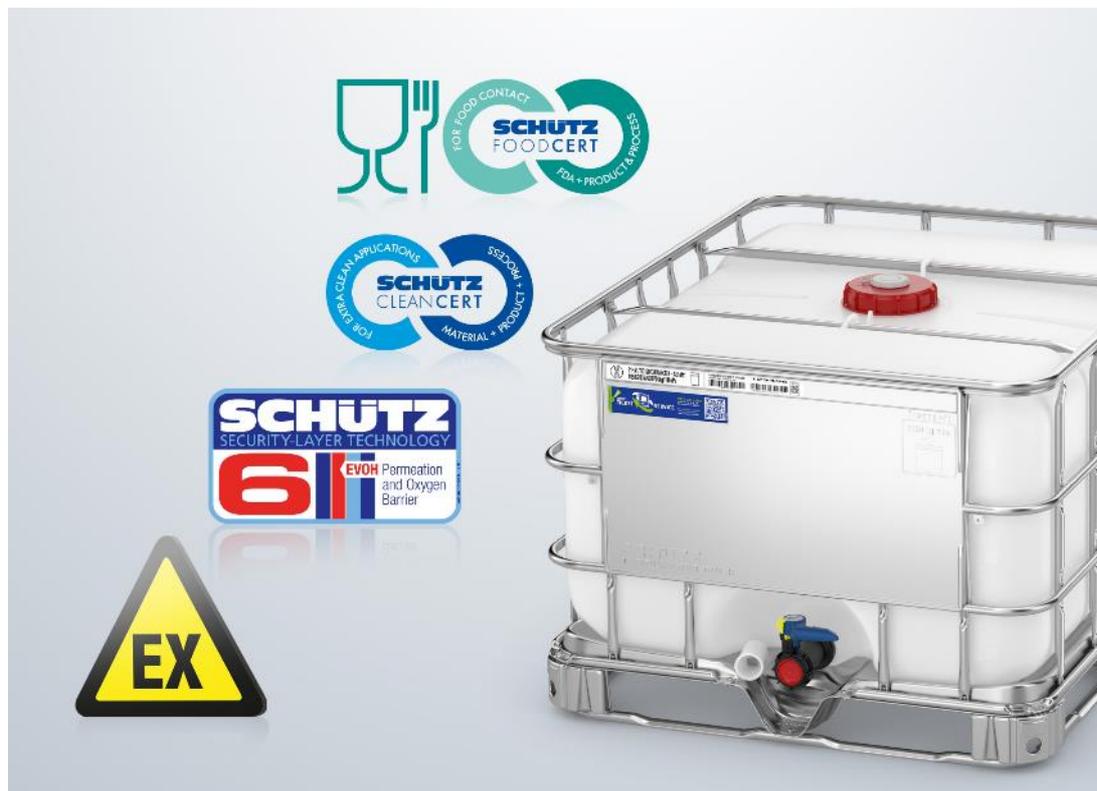
Of course, the Ecobulk MX 560 is also part of the Schütz Ticket Service in which used IBC are being collected and processed. To order the administration-free collection of used and empty IBCs, including subsequent environmentally friendly reconditioning, users simply scan the QR code on the IBC label to open the online

form. Thus, even the smallest IBC from Schütz contributes to the company's philosophy of maximum sustainability.

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Caption: The Ecobulk MX 560 combines optimum filling volume with a low container height and a proven bottom group.
Photo: SCHÜTZ



Caption: The compact packaging solution can be individually configured for a wide range of applications – the Ecobulk MX 560.
Photo: SCHÜTZ

Schütz is a leading international producer of high-quality transport packaging (Intermediate Bulk Containers, PE and steel drums). The Group's headquarters are in Selters, Germany. Founded in 1958, Schütz employs over 6000 people at more than 50 production and service sites around the world (including licensees). The four Schütz business units, Packaging Systems, Energy Systems, Industrial Services and Composites, each hold leading positions in their respective markets. The family-run enterprise is an important trendsetter and innovator. The Group's turnover in 2019 was 1.8 billion euros. Schütz 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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