

## Logistics and product innovations made to measure

### New UN approval for frameless IBC reusable stainless steel container with industrial pallet dimensions

**Neunkirchen, 13<sup>th</sup> June 2022. SCHÄFER Container Systems, manufacturers of beverage container systems, as well as stainless steel IBCs and special containers, is expanding its range of frameless containers with dangerous goods approval for land and sea transport. A special feature of the 1,000-litre stackable IBC reusable container for liquids is its basic dimensions of 1,200 x 1,000 mm. This industrial pallet size guarantees efficient use of space during transport and storage.**

26 containers fit on the loading area of a standard truck trailer. Due to their efficient design, up to 50 of SCHÄFER's new containers can be stacked and transported in each load. For sea transport, 38 of the new Schaefer containers can be loaded into a 40ft high cube. A similarly efficient utilization of shelf storage, which is designed to pallet dimensions, can also be achieved.

"The container's frameless design reduces the overall height to 1,270 mm. But the new container is still stackable. By using industrial pallet dimensions, we have developed one of the most efficient IBC solutions in terms of space utilisation," explains Tobias Fuchs from IBC Technical Sales at SCHÄFER Container Systems.

In addition, the container's emptying process is optimised by the low dead space outlet design. This can be produced in accordance with Regulation (EC) No. 1935/2004 for liquids and paste-like substances and is certified in accordance with UN dangerous goods legislation (ADR/UN 31 A/Y) up to a filling density of 2.0 kilograms per litre. Approval for filling volumes of 500 to 1,000 litres was granted by the Federal Office for Materials Research and Testing (BAM) in Berlin. The new lightweight container is suitable for the storage and transport of goods such as those produced by the pharmaceutical, chemical, food, mineral oil, paint and lacquer industries.

"We've had inquiries about this particular format again and again and now we can actually deliver on them. The best characteristics of stainless steel containers are their enormous durability, safety and sustainability. And besides, the basic dimensions of 1,200 x 1,000 mm mean there'll be a much smoother transition when it comes to replacing plastic containers," says Christof Ermert, Sales Manager of SCHÄFER Container Systems, IBC.

## Images and captions:

Fig. 1: UN-Gefahrgutbehälter\_Bild-1\_(c)\_Schaefer-Werke-GmbH.jpg

Caption: Stackable IBC reusable container made of stainless steel in the basic size of an industrial pallet.

Fig. 2: UN-Gefahrgutbehälter\_Bild-2\_(c)\_Schaefer-Werke-GmbH.jpg

Caption: UN approval for frameless IBC reusable stainless steel container with basic dimensions of 1,200 x 1,000 mm.

Fig. 3: UN-Gefahrgutbehälter\_Bild-3\_(c)\_Schaefer-Werke-GmbH.jpg

Caption: Stackable IBC reusable container made of stainless steel from SCHÄFER Container Systems in the basic size of an industrial pallet.

## About SCHÄFER Container Systems ([www.schaefer-container-systems.com](http://www.schaefer-container-systems.com)):

SCHÄFER Container Systems, an innovative manufacturer of high-quality, fully recyclable container systems (KEGs) for beverages and of IBCs and special stainless steel containers for liquids, solids and granulates, is part of the internationally successful SCHÄFER WERKE.

This owner-led enterprise is headquartered in Neunkirchen in Germany's Siegerland region and operates globally with diversified business areas: EMW Steel Service Centre, perforated sheets, fully recyclable standard and special containers in stainless steel, as well as installations for data centres, workshops and factories.. The work of all these divisions is based on high-quality fine steel sheet. The processing of this material is one of the core competencies of this enterprise.

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