

Investment in sustainable packaging

SternMaid commissions a filling line with the option of an environment-friendly closure for spiral-wound cardboard cans

Wittenburg (Germany), January 2021: The contract manufacturer SternMaid has modernized one of its packaging lines by adding flexible filling equipment for spiral-wound cardboard cans. Besides the classic tinplate bottoms, the cans can now be closed with a cardboard base to make them over 95 percent recyclable.

According to the new EU packaging directive of 2019, more raw materials from packaging must be recovered and re-used. The prescribed recycling quota for paper, for example, is now 80 percent and will be raised to 90 percent as of 2022.¹

“In order to keep pace with this development, we have chosen to invest in cardboard can bottoms as an optional alternative closure”, Mark Riemer, Commercial Director of SternMaid, explains. “That greatly improves their recyclability. The traditional seal, a permanently seamed-on tinplate bottom, posed a major problem in the reprocessing of recyclable materials.”

Since the can body with a cardboard bottom consists of over 95 percent paper and the interior and exterior lamination is very thin, it may be disposed of along with waste paper. A further advantage is its lower weight: an empty can with a cardboard bottom, a diameter of 99 mm and a height of 180 mm, for example, is about 13.6 percent lighter than the same can with a tinplate base.

¹ <https://www.bundesregierung.de/breg-de/aktuelles/mehr-recycling-in-deutschland-1507858>

Press Release



From dry beverage bases, dietetic drinks and food supplements to products for athletes and foods for special medicinal purposes, SternMaid can fill a wide range of powdered products on the new line.

About SternMaid:

SternMaid GmbH & Co. KG with its registered office in Wittenburg, in the Greater Hamburg area, is a member of the owner-managed Stern-Wywiol Gruppe. For over 35 years the group of companies with 12 industry-specific specialist firms in Germany, 18 affiliates abroad, 7 Stern Technology Centers and production facilities in ten countries around the globe has been among the successful enterprises operating internationally in the world of food ingredients. The Stern-Wywiol Gruppe employs a staff of over 1,600; it includes 100 R&D specialists, who develop products and formulations in the company's 18 applications laboratories. The group exports to over 130 countries.

SternMaid was established in 1996 and has since become one of Europe's leading contract manufacturers. With over 300 employees, the company offers a wide range of services. Besides manufacturing powdered food ingredients, food supplements and pharmaceutical excipients on a contract basis, SternMaid blends and processes special ingredients for baby food, vitamin mixtures, OTC and pharmaceutical products and foods for special dietetic purposes.

A total of fifteen different blending lines and a diversity of filling lines for industrial and retail packs are available to meet all manner of different requirements. The packs include spiral-wound plastic or fibreboard cans, tubular bags and sachets for individual portions. This range of equipment is complemented by a modern fluidized bed processor for gentle drying, agglomeration, microencapsulation, instantization and granulation. With additional warehousing, co-packing, logistics and purchasing, the contract manufacturer offers a full range of services all from one source.

You will find more information at: www.sternmaid.de/en

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