



**BTB PET-Recycling  
GmbH & Co. KG  
(Germany)**

**Product:**

FLAKE PURIFIER

BTB PET-Recycling GmbH & Co. KG, established in the year 2006, and headquartered in Bad Salzuflen (North Rhine-Westphalia) processes approx. 20,000 tons of PET bottles per year. The owner-managed company with about 30 employees primarily produces PET granulate both for bottle-to-bottle and for foil manufacturers.

The PET bottles to be processed undergo a preparation process of several steps before they as PET flakes pass through the newly installed Sesotec flake sorting system. This system comprises a new chute machine of type **FLAKE PURIFIER CM 1536** and an already existing belt machine from the year 2011, which after modification could be integrated in the new installation.



FLAKE PURIFIER

In accordance with the idea of BTB PET-Recycling GmbH & Co. KG, Sesotec in addition to the optical sorters also supplied the steel construction, the pneumatic conveying technology, and the control technology. The objective of this was to better coordinate the work that had to be performed, and to shorten the down-time of the complete plant in the construction phase.

"Because of continuously falling prices for low-grade PET material on the Asian market we had to develop new economic solutions for PET waste, and our strategy was to reduce the waste volume", says plant manager Mr. Zajontz. "With the new installation of the Sesotec sorting system we have reached this objective. There is no question regarding the profitability of the system." He furthermore adds: "The integration of remote access makes it possible to monitor the sorting system through the network. Sesotec service engineers also can use remote diagnostics for short-term error remedying or for software updates, which makes processes in everyday operations much easier. Cooperation with Sesotec was smooth right from the start."

**Sesotec - an overview**

The Sesotec group is one of the leading manufacturers of machines and systems for contaminant detection and material sorting. Product sales primarily focus on the food, plastics, and recycling industries. Sesotec's global presence includes subsidiaries in Great Britain, Singapore, China, USA, France, Italy (2), India, Canada, Thailand, a representative office in Turkey, and more than 60 partners all over the world.

**[www.sesotec.com](http://www.sesotec.com)**